D H E C

PROMOTE PROTECT PROSPER

C. Earl Hunter, Commissioner

Promoting and protecting the health of the public and the environment.

MAY 13 2008

MR TERRY L LENMAN
LIL CRICKET CONVENIENCE STORES INC
PO BOX 4551
SPARTANBURG SC 29305-4551

Re: Monitoring Report Directive
Former Lil Cricket #339, 800 North West First Street, Seneca, SC
UST Permit # 07303; CA # 32249
Release Reported April 27, 1989
Monitoring Report received December 23, 2003
Owner/Operator Selection Form received January 23, 2007
Oconee County

Dear Mr. Lenman:

The Underground Storage Tank (UST) Program of the South Carolina Department of Health and Environmental Control (SCDHEC) recognizes your commitment to continue work at this site utilizing your own contractor. At this time the UST Program requests that all existing monitoring wells associated with the release be sampled to determine if petroleum Chemicals of Concern (CoC) are decreasing or increasing since the last assessment activities.

Assessment activities at the site should begin immediately upon receipt of this letter. Cost agreement number 32249 has been approved to collect groundwater samples for up to eight groundwater monitoring wells, laboratory analyses, and preparation of a report of findings. Existing groundwater monitoring wells should be purged before a groundwater sample is collected for laboratory analyses since it has been so long since they were last sampled. Groundwater samples should be collected from all monitoring wells associated with the release and analyzed for BTEX, naphthalene, MtBE, lead, EDB, 8 oxygenates, and 1,2 DCA in accordance with *Analytical Methodology* dated August 24, 2005. A copy of this publication is available on line at http://www.scdhec.gov/lwm/forms/analmet.pdf. Please note that all applicable South Carolina certification requirements apply to the laboratory services, well installation, and report preparation. All site rehabilitation activities must be performed and submitted by a South Carolina Certified Underground Storage Tank Site Rehabilitation Contractor.

The monitoring report (a signed .pdf copy on a CD is preferred) **and associated invoice should be submitted on or before 60 days from the date of this letter** should include the following:

- A narrative portion documenting current site conditions and noting the names of field personnel, date, time, ambient air temperature, and general weather conditions during the sampling event. The report shall also contain well purging data, pH, specific conductivity, water temperature, PID readings (where applicable), levels of dissolved oxygen, and turbidity comments.
- Groundwater elevations, depth to groundwater, measurable free product thickness (where applicable), total well depth and screened interval for the specified monitoring wells associated with the site. Unless otherwise directed by the Program, all data shall be presented in tabular form. Groundwater laboratory analytical data for all monitoring wells shall also be presented in tabular format.
- A groundwater elevation contour map of the site based on current groundwater potentiometric data.
- A CoC map based on current groundwater laboratory analytical data. The groundwater data should be adjacent to the relevant monitoring well location.

UST DOCKET

- Manifests for any contaminated groundwater removed from the site for treatment and/or disposal.

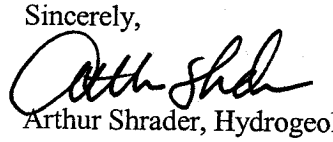
Terry Environmental, Incorporated can submit an invoice for direct billing from the State Underground Petroleum Environmental Response Bank (SUPERB) Account. If the invoice and the completed report are not submitted within 120 days from the date of this letter, monies allocated to pay this invoice will be uncommitted. This means that the invoice will not be processed for payment until all other committed funds are paid or monies become available. Please be advised if the time frame exceeds 45 days between the date when the groundwater samples are collected and the date the report of findings is received, the analytical data will not be considered current and Terry Environmental Services, Incorporated will not be reimbursed for a personnel mobilization to collect the groundwater samples, sample collection costs, laboratory analyses, or associated disposal costs. The UST Program, because of unnecessary dilution, cannot make decisions if the reporting limit of individual petroleum CoC exceeds Risk Based Screening Levels (RBSLs). Note that the Program may deny payment for any non-detect analysis where the reporting limit exceeds the RBSL. The UST Program encourages the use of 'J' values as necessary so the appropriate action can be determined for a release.

Please note that Sections 44-2-110(4) and 44-2-130 of the SUPERB Statute state that no costs will be allowed unless prior approval from the Program is obtained. If for any reason additional tasks will be completed, these additional tasks and the associated cost must be preapproved by the Program for the cost to be paid. The SCDHEC reserves the authority to pay only for work properly performed and/or technically justified and will only pay rates in accordance with established criteria. Further, SCDHEC reserves the right to question and/or reject costs if deemed unreasonable and the right to audit project records at any time during the project or after completion of work.

The Department grants pre-approval for transportation of virgin petroleum impacted soil and groundwater from the referenced site to a permitted treatment facility. There can be no spillage or leakage in transport. All investigation-derived waste (IDW) must be properly contained and labeled prior to disposal. IDW should not be stored on-site longer than ninety (90) days. A copy of the disposal manifest and/or acceptance letter from the receiving facility that clearly designates the quantity received must be included as an appendix to the report. If the CoC concentrations, based on laboratory analysis, are below RBSLs, please contact the project manager for approval to dispose of soil and/or groundwater on site. The SUPERB Account will not reimburse for transportation or treatment of soil and/or groundwater with concentrations below RBSLs.

On all correspondence regarding this site, please reference UST Permit number 07303. Should you have any questions regarding this correspondence, please feel free to contact me at (803) 896-6669, fax me at (803) 896-6245, or e-mail me at shradeaa@dhec.sc.gov.

Sincerely,



Arthur Shrader, Hydrogeologist
Assessment Section
Assessment and Corrective Action Division
Bureau of Land and Waste Management

enc: Approved Cost Agreement (ACA)

cc: Terry Environmental Services, Inc., PO Box 25, Summerville, SC 29484 (with enc.)
Technical file (with enc.)

Approved Cost Agreement 32249

Facility: 07303 LIL CRICKET 339
SHRADEAA
PO Number:

Task / Description	Categories	Item Description	Qty / Pct	Unit Price	Amount
04 MOB/DEMOB					
		B PERSONNEL	2.0000	275.00	550.00
10 SAMPLE COLLECTION					
		A GROUND WATER	8.0000	55.00	440.00
11 ANALYSES					
	GW GROUNDWATER	A BTEX+NAPTH+MTBE	8.0000	100.00	800.00
		BB 1,2-DCA	8.0000	10.75	86.00
		E LEAD	8.0000	20.00	160.00
		F EDB	8.0000	55.00	440.00
		P 8 OXYGENATES	8.0000	85.00	680.00
17 DISPOSAL					
		A1 WASTEWATER - PURGING/SAMPLING	1.0000	90.00	90.00
19 RPT/PROJECT MNGT & COORDINATIO					
		PCT PERCENT	0.1500	3,246.00	486.90
			Total Amount		3,732.90

TERRY Environmental Services
CLIENTS FIRST ALWAYS

July 15, 2008

South Carolina Department of Health and Environmental Control
Bureau of Land and Waste Management
Assessment Section
Mr. Arthur Shrader
2600 Bull Street
Columbia, SC 29201

RECEIVED
JUL 17 2008
UNDERGROUND STORAGE TANK PROGRAM

Re: Former Li'l Cricket #339
800 North West First Street
Seneca, South Carolina
SCDHEC UST Permit # 07303
Cost Agreement # 32249

Dear Mr. Shrader:

TERRY Environmental Services, Inc. (TERRY) has been contracted by Li'l Cricket Food Stores to serve as their environmental contractor for the Former Li'l Cricket #339, UST Permit # 07303. A Groundwater Monitoring Event was directed to monitor the contaminant levels at the Former Li'l Cricket # 339. The site is located at 800 North West First Street, Seneca, South Carolina (Figure 1, Attachment 1).

This letter is to inform you that on June 3, 2008 Terry Environmental Services, Inc. (TERRY) personnel arrived at the Former Li'l Cricket # 339 (Figure 2, Attachment 1) to conduct the sampling event. One monitoring well (MW-3) was able to be located but could not be gauged or sampled. The well, MW-3, was damaged below grade where the top portion of the casing was broken obstructing the well. The adjacent site to the east where MW-8 was previously located has been redeveloped into a commercial property. It is assumed that MW-8 has been paved over and destroyed.

Due to the fact that none of the original monitoring wells are remaining, an assessment of the current site conditions is not possible at this time. TERRY recommends initial field delineation with groundwater geoprobe borings; followed by the installation of replacement wells, the abandonment of MW-3, and a comprehensive sampling event. A proposal for these activities is included in Attachment 2.

Sincerely,

Kelly K. Cone
Project Manager

Jason A. Terry, PG
President

cc: Gordon Zuber, Li'l Cricket Food Stores

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2T

ATTACHMENT 1

Figures

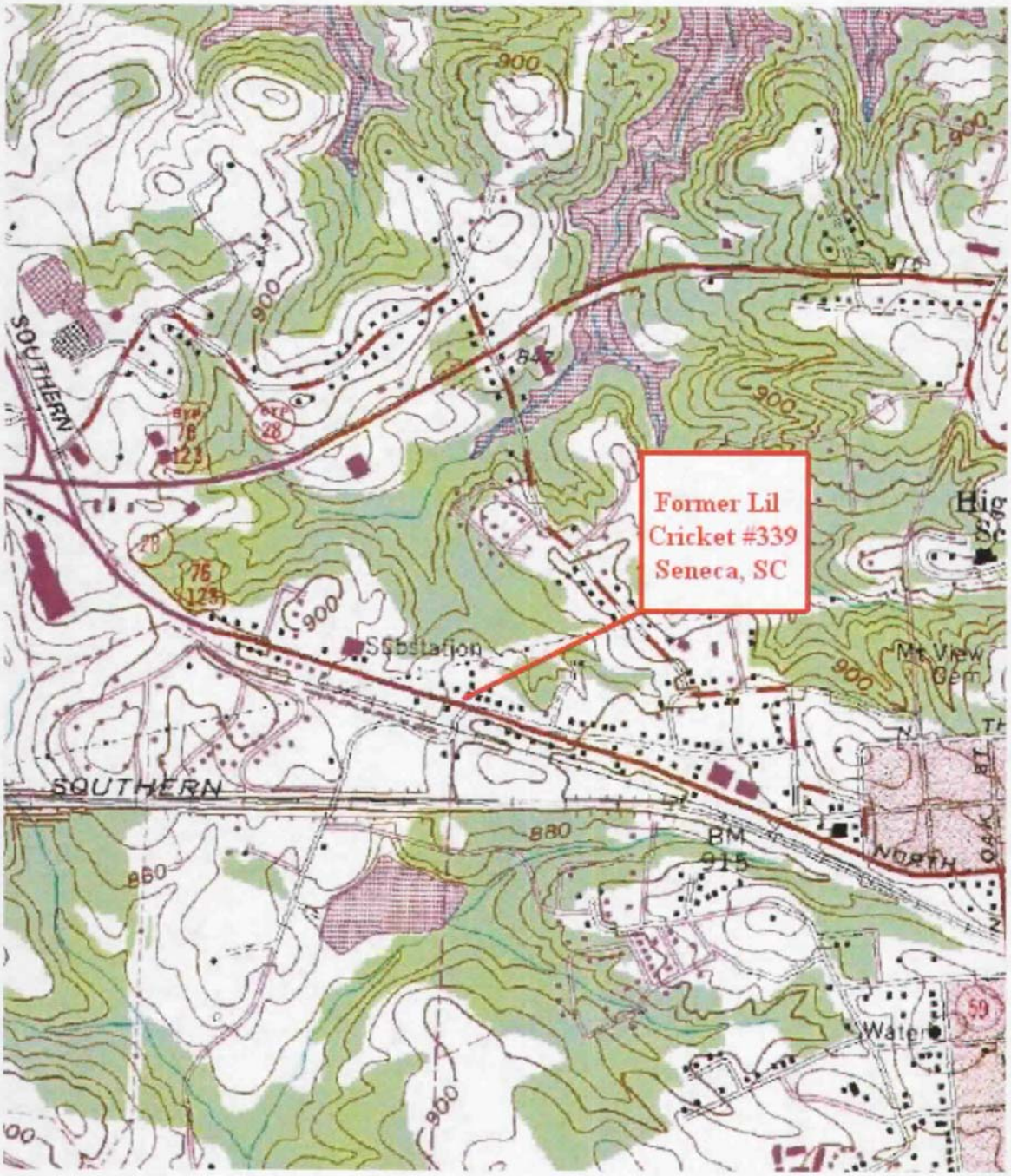

FIGURE 1
SITE LOCATION (USGS)

Former Li'l Cricket
800 North West First Street
Seneca, South Carolina

TERRY ENVIRONMENTAL SERVICES
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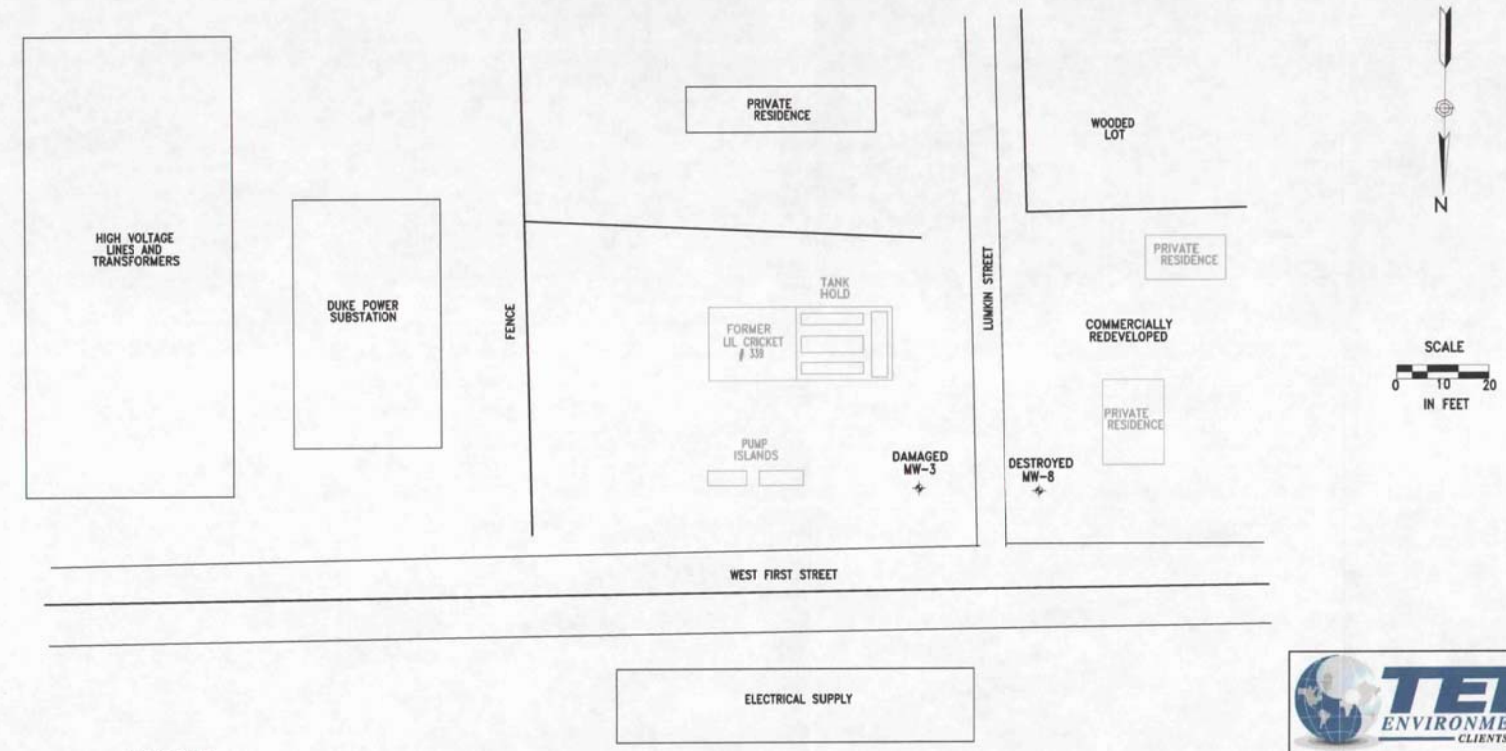
... providing our clients with the best services available, actually understanding our clients objectives, and making their obectives our own!

PO Box 25
Summerville, South Carolina 29484
(800) 325-0605 (843)-873-8200 fax: (843)-873-8765

SIZE	TERRY Project No.	DWG NO.	REV
B	2170A	Figure 1 Site Location	

SCALE: NOT TO SCALE

DATE: JULY 2008



LEGEND

MW-8 ⚡ SHALLOW MONITORING WELL

TERRY ENVIRONMENTAL SERVICES
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Figure 2
Site Map

Former Li'l Cricket #339
800 North West First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170A	32249
SCALE 1" = 40'	DATE July 2008

ATTACHMENT 2

Proposal

ASSESSMENT PLAN

SOUTH CAROLINA
Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Site ID # 07303 Facility Name Li'l Cricket #339

Site Maps

1. Attach a copy of the relevant portion of the USGS topographic map showing the site location.

2. Prepare a site base map. This map must be accurately scaled, but does not need to be surveyed. The map must include the following:

North	Legend with facility name and address, Site ID number, date, and a bar scale
Location of property lines	Streets or highways (indicate names and numbers)
Location of buildings	Identification of located buildings
Paved areas on or adjacent to site	Locations of all present and former ASTs and USTs
Previous soil sampling locations	Underground and above ground utilities on or adjacent to site
Previous monitoring well locations	Locations of any other potential receptor

Aquifer Characterization (Check one an provide explanation for choice)

Pump Test _____ Slug Tests _____

Small Volume Disposal Type and Method

Soil

Soil cuttings will be containerized within 55 gallon drums and disposed of properly.

Purge Water

Purge water will be containerized within 55 gallon drums and disposed of properly.

Additional Comments

ASSESSMENT PLAN

SOUTH CAROLINA
Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Site ID # 07303 County Oconee Facility Name Li'l Cricket #339

Facility Address 800 North West First Street, Seneca, SC

Responsible party Li'l Cricket Convenience Stores Address PO Box 4551, Spartanburg, SC

No. USTs 6 removed? Yes, Feb. 2000 & 2004 (date) replaced ? No (date)

Current use of facility/property Commercial property – vacant diner

Current property owner name Thomas H. Glenn

Current property owner address unknown

Field Screening Methodology

Specify the field screening methodology to be used. The use of field screening methods to optimize the number and location of permanent wells is required.

9 shallow Geoprobe borings will be advanced to depths of 50 feet to assess the horizontal extent of the groundwater contamination. Upon collection, groundwater samples will be submitted for laboratory analysis. Following plume delineation, monitoring wells will be installed after conference with the SCDHEC Project Manager.

Permanent Monitoring wells (Estimate number and total completed depth)

# of shall wells 9 total depth 450

# of deep wells _____ total depth _____ (if necessary)

Comments, if warranted _____

Analyses BTEX, Naphthalene, MTBE

List the analytical parameters (e.g., BTEX MTBE) and estimated number.

Groundwater:

9 – BTEX, Naphthalene, MTBE (during field screening)

9 – BTEX, Naphthalene, MTBE, 1,2-DCA

9 – Lead

9 – EDB

9 - Oxygenates

Implementation Schedule

Start up date Upon Approval Completion date 90 Days from Approval

Report submittal date 90 Days from Approval

ASSESSMENT COMPONENT INVOICE
SOUTH CAROLINA
Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
State Underground Petroleum Environmental Response Bank Account

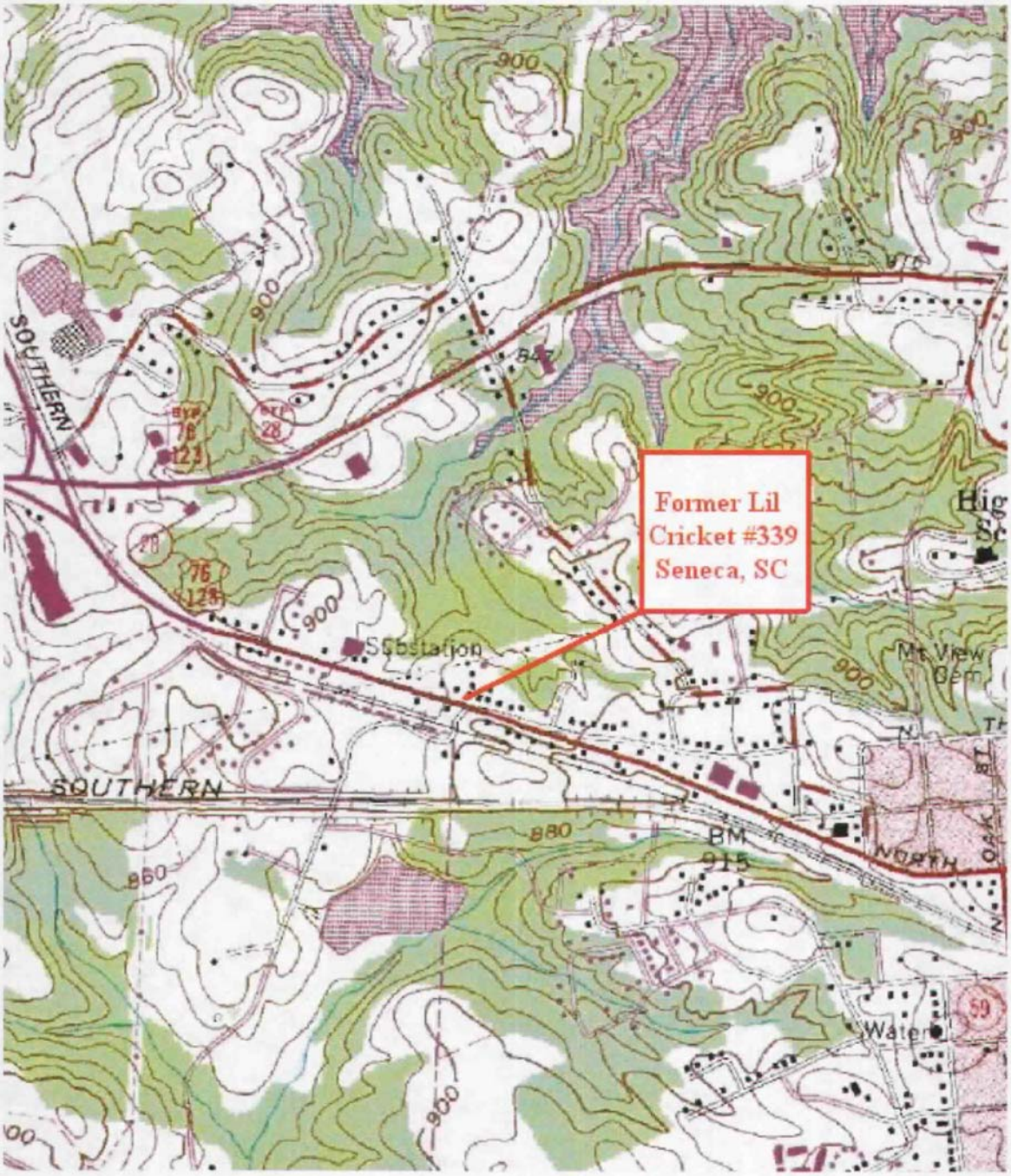
Facility Name Former Li'l Cricket #339
UST Permit # 07303 Cost Agreement #

	ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
1	Plan*				
	A. Plan Preparation		X	$100.00	
	B. Tax Maps		X	$50.00	
2	Receptor Survey*		X	$500.00	
3	Comprehensive Survey	1	X	$1,000.00	$1,000.00
4	Mob/Demob				
	A. Equipment - (6, 8 & 9)	2	X	$550.00	$1,100.00
	B. Personnel - (6, 8, 9, 10, 17)	4	each	$275.00	$1,100.00
	C. Adverse Terrain Vehicle		X	$500.00	
5	Soil Borings (hand auger)*		feet X	$14.00	
6	Soil Borings(drilled) & Field Screening	450	feet X	$17.00	$7,650.00
7	Soil Leachability Model		each X	$200.00	
8	Abandonment* (450' FD + 50' MW-3)	500	feet X	$5.00	$2,500.00
9	Well Installation *				
	A. Water Table (hand auger)		feet X	$20.00	
	B. Water Table (drilled)	450	feet X	$38.00	$17,100.00
	C. Telescoping		feet X	$58.00	
	D. Rock Drilling		feet X	$58.00	
10	Groundwater Sample collection*				
	A. Groundwater (purge)	9	samples X	$55.00	$495.00
	B. Air Vapor		samples X	$90.00	
	C. Water Supply		samples X	$25.00	
	D. Groundwater No Purge		samples X	$35.00	
	E. Gauge Well Only		per well X	$20.00	
11	Analyses-Groundwater	(See Analytical Methodology for analyses)			
	A. BTEX + Napth. + MTBE	18	samples X	$100.00	$1,800.00
	B. Rush BTEX analysis		samples X	$120.00	
	BB. 1,2 DCA	9	samples X	$10.75	$96.75
	C. BTEX+naph.+MTBE Trimethylbenzene		samples X	$135.00	
	D. PAH's		samples X	$120.00	
	E. Lead	9	samples X	$20.00	$180.00
	F. EDB	9	samples X	$55.00	$495.00
	G. 8 RCRA Metals		samples X	$140.00	
	H. TPH (9070)		samples X	$55.00	
	I. pH		samples X	$10.00	
	J. BOD		samples X	$40.00	
	K. Nitrate		samples X	$20.00	
	L. Sulfate		samples X	$20.00	
	M. Ferrous Iron		samples X	$20.00	
	N. Methane		samples X	$110.00	
	O. Organic Lead		samples X	$100.00	
	P. 8 Oxygenates	9	samples X	$85.00	$765.00

Continued on second page

11	Analyses-Soils				
	Q. BTEX + Napth.		samples X	$100.00	
	R. PAH's		samples X	$120.00	
	S. 8 RCRA Metals		samples X	$150.00	
	T. TPH (9071)		samples X	$60.00	
	U. TPH (3550B/8015B)		samples X	$65.00	
	V. TPH (5030B/8015B)		samples X	$65.00	
	W. Grain size / hydrometer		samples X	$75.00	
	X. Total Organic Carbon		samples X	$35.00	
11	Analyses-Air				
	Y. BTEX + Naph.		samples X	$100.00	
	Z. Hydrocarbon Fuel Identification		samples X	$593.00	
12	Aquifer Characterization*				
	A. Pumping Test		hours X	$120.00	
	B. Slug Test		tests X	$150.00	
13	Free Product Recovery Rate Test*		tests X	$120.00	
14	Fate/Transport Modeling				
	A. Mathematical Model		each	$300.00	
	B. Computer Model		each	$500.00	
15	Risk Evaluation				
	A. Tier I Risk Evaluation		X	$300.00	
	B. Tier II Risk Evaluation		X	$500.00	
16	Subsequent Survey*		X	$260.00	
17	Disposal*				
	A. Wastewater				
	1. Purging/Sampling	2	drums X	$90.00	$180.00
	2. Pumping Test/EFR		gallons X	$0.60	
	B. Free Product		drums X	$110.00	
	C. Soil (Treatment/Disposal)	18	tons X	$50.00	$900.00
18	Miscellaneous (attach receipts)		X		
20	Tier I Assessment (Use DHEC 3665 form)				
21	IGWA (Use DHEC 3666 form)				
22	Corrective Action (Use DHEC 3687 form)				
23	EFR A. 8-hour Event*		each X	$3,000.00	
	B. Additional Hour		per hour X	$204.00	
	C. Off-gas treatment		per hour X	$35.00	
24	Granulated Activated Carbon (GAC)				
	filter system installation & service:				
	A. New GAC System Installation*		each X	$2,500.00	
	B. Refurbished GAC Sys. Install*		each X	$850.00	
	C. Filter replacement/removal*		each X	$450.00	
	D. GAC System removal, cleaning,				
	& refurbishment*		each X	$450.00	
	E. GAC System housing		each X	$450.00	
	F. In-line particulate filter		each X	$140.00	
	G. Additional piping & fittings		feet X	$4.00	
19	Report/Project Management & Coordination	$35,361.75	X	15%	$5,304.26
25	Total				$40,666.01

* The appropriate mobilization cost can be added to complete these tasks, as necessary.



TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

providing our clients with the best services available,
actually understanding our clients objectives,
and making their obectives our own!

PO Box 25
Summerville, South Carolina 29484
(800) 325-0605 (843)-873-8200 fax: (843)-873-8765

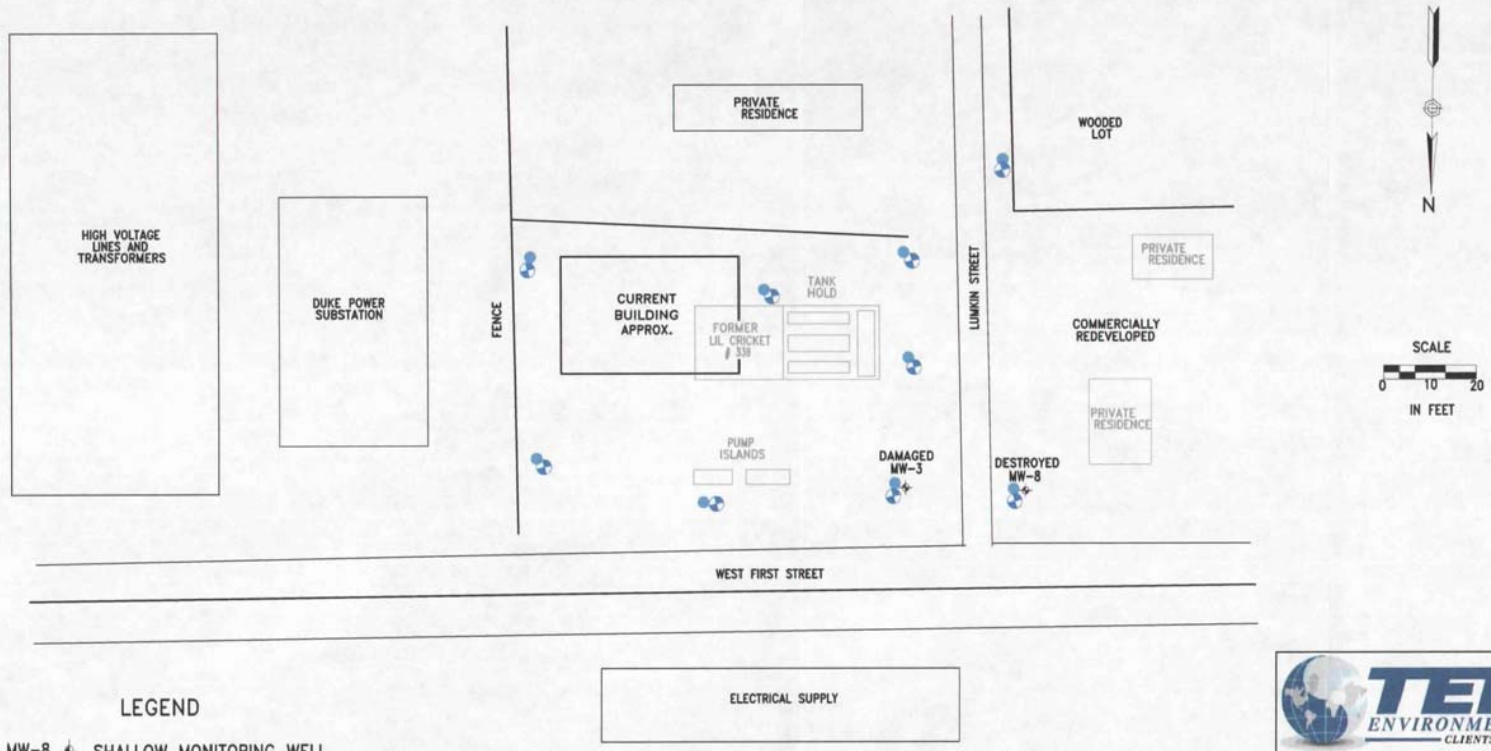
FIGURE 1
SITE LOCATION (USGS)

Former Li'l Cricket
800 North West First Street
Seneca, South Carolina

SIZE	TERRY Project No.	DWG NO.	REV
B	2170A	Figure 1 Site Location	

SCALE: NOT TO SCALE

DATE: JULY 2008



LEGEND

MW-8 SHALLOW MONITORING WELL

PROPOSED SHALLOW GROUNDWATER GEOPROBE BORING

PROPOSED SHALLOW GROUNDWATER MONITORING WELL

TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

Proposal Map

Former Li'l Cricket #339
800 North West First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170A	32249
SCALE 1" = 40'	DATE July 2008

D H E C

PROMOTE PROTECT PROSPER

C. Earl Hunter, Commissioner

Promoting and protecting the health of the public and the environment.

AUG 06 2008

MR TERRY L LENMAN
LIL CRICKET CONVENIENCE STORES INC
PO BOX 4551
SPARTANBURG SC 29305-4551

Re: Tier I Assessment Report Directive
Former Li'l Cricket #339, 800 North West First Street, Seneca, SC
UST Permit # 07303; CA # 33062; MWA # UMW-21877
Release Reported April 27, 1989
Assessment Report received July 17, 2008
Oconee County

Dear Mr. Lenman:

The Underground Storage Tank (UST) Program of the South Carolina Department of Health and Environmental Control (SCDHEC) recognizes your commitment to continue work at this site utilizing your own contractor. The UST Program agrees with you site rehabilitation contractor that monitoring well MW-3 should be abandoned and additional assessment activities are necessary to determine if petroleum Chemicals of Concern (CoC) remain at the referenced facility.

Assessment activities at the site should begin immediately upon receipt of this letter. Cost agreement 33062 has been approved in the amount shown on the enclosed cost agreement form for a Tier I Assessment and abandonment of monitoring well MW-3. Monitoring wells approval has been provided to your site rehabilitation contractor. A copy of the monitoring well approval is enclosed for your records. Assessment activities should be in accordance with the Tier I Guidance document a copy is available on line at http://www.scdhec.gov/eqc/.

The Tier I Assessment Report and invoice are due within 90 days from the date of this letter. The Program has pre-approved a total of $11,880.00 for implementation of the Tier I Assessment and to abandon monitoring well MW-3. The total includes costs for completion of up to 75 feet of permanent monitoring well footage. Additional monitoring well footage can be billed at the SUPERB allowable rate of $38 per foot provided that the cost is pre-approved by the Program. Please note that in addition to the sample analyses required in the Tier I Guidance Document, all initial assessment activities are now required to include analyses for EDB (by EPA Method 8011) and lead as directed in the February 1, 2006 SUPERB Allowable Costs Document. Also, if any drinking water wells are located within 500 feet of the UST system, a water sample shall be obtained from the well(s) and analyzed for the appropriate parameters.

Terry Environmental Services, Incorporated can submit an invoice for direct billing from the State Underground Petroleum Environmental Response Bank (SUPERB) Account for approved costs. An interim well drilling invoice may not be submitted for well installation. If the invoice is not submitted within 120 days from the date of this letter, monies allocated to pay this invoice will be uncommitted. This means that the invoice will not be processed for payment until all other committed funds are paid or monies become available. Please be advised if the time frame exceeds 45 days between the date when

groundwater samples are collected and the date the report of findings is received, the analytical data will not be considered current and Terry Environmental Services, Incorporated will not be reimbursed for a personnel mobilization to collect the groundwater samples, laboratory analyses, or associated disposal costs.

Please be advised that all applicable South Carolina certification requirements apply to the laboratory services, well installation, and report preparation. All site rehabilitation activities must be performed and submitted by a South Carolina Certified Underground Storage Tank Site Rehabilitation Contractor.

Please note that you and/or your contractor are responsible for obtaining all off-site access agreements and/or encroachment permits necessary for this scope of work.

The Department grants pre-approval for transportation of virgin petroleum impacted soil and groundwater from the referenced site to a permitted treatment facility. There can be no spillage or leakage in transport. All investigation-derived waste (IDW) must be properly contained and labeled prior to disposal. IDW should not be stored on-site longer than ninety (90) days. A copy of the disposal manifest and/or acceptance letter from the receiving facility that clearly designates the quantity received must be included as an appendix to the report. If the CoC concentrations, based on laboratory analysis, are below Risk Based Screening Levels (RBSLs), please contact the project manager for approval to dispose of soil and/or groundwater on site. The SUPERB Account will not reimburse for transportation or treatment of soil and/or groundwater with concentrations below RBSLs.

On all correspondence regarding this site, please reference UST Permit number 07303. Should you have any questions regarding this correspondence, please feel free to contact me at (803) 896-6669, fax me at (803) 896-6245, or e-mail me at shradeaa@dhec.sc.gov.

Sincerely,

Arthur Shrader, Hydrogeologist
Assessment Section
Assessment and Corrective Action Division
Bureau of Land and Waste Management

enc: Approved Cost Agreement (ACA)
Monitoring Well Approval (MWA)

cc: Mr. Glenn, 800 North West First Street, Seneca, SC 29678 (without enc.)
Terry Environmental Services, Inc., PO Box 25, Summerville, SC 29484 (with enc.)
Technical file (with enc.)

D H E C

PROMOTE PROTECT PROSPER

C. Earl Hunter, Commissioner

Promoting and protecting the health of the public and the environment.

Monitoring Well Approval

Approval is hereby granted to:	Terry Environmental Services, Incorporated
(On behalf of):	Lil Cricket Food Stores Incorporated
Facility:	Li'l Cricket #339, 800 North West First Street, Seneca, SC
UST Permit Number:	07303
County:	Oconee

This approval is for the installation of three shallow groundwater monitoring wells. The monitoring wells are to be installed in the approved locations. The monitoring wells are to be installed following the South Carolina Well Standards, R.61-71, and the applicable guidance documents.

Please note that R.61-71 requires the following:

1. All wells shall be drilled, constructed, and abandoned by a South Carolina certified well driller per R.61-71.D.1.

2. All monitoring wells shall be labeled as required by R.61-71.H.2.c.

3. A Water Well Record Form or other form provided or approved by the Department shall be completed and submitted to the Department within 30 days after well completion or abandonment unless another schedule has been approved by the Department. The form should contain the "as-built" construction details and all other information required by R.61-71.H.1.f

4. All analytical data and water levels obtained from each monitoring well shall be submitted to the Department within 30 days of receipt of laboratory results unless another schedule has been approved by the Department as required by R.61-71.H.1.d.

5. If any of the information provided to the Department changes, notification to Arthur Shrader (tel: (803) 896-6669 or e-mail: shradeaa@dhec.sc.gov) shall be provided a minimum of twenty-four (24) hours prior to well construction as required by R.61-71.H.1.a.

6. All temporary monitoring wells shall be abandoned within 5 days of borehole completion using appropriate methods as required by R.61-71.H.4.c. All other wells shall be properly developed per R.61-71.H.2.d.

7. Departmental approval is required prior to abandonment of all monitoring wells as required by R.61-71.H.1.a.

This approval is pursuant to the provisions of Section 44-55-40 of the 1976 South Carolina Code of Laws and R.61-71 of the South Carolina Well Standards and Regulations, dated April 26, 2002. A copy of this approval should be on the site during well installation.

Date of Issuance: **July 23, 2008** **Approval #:** **UMW-21877**

Arthur Shrader Hydrogeologist
Assessment Section
Division of Assessment and Corrective Action
Bureau of Land and Waste Management

Approved Cost Agreement 33062

Facility: 07303 LIL CRICKET 339

SHRADEAA

PO Number:

Task / Description	Categories	Item Description	Qty / Pct	Unit Price	Amount
04 MOB/DEMOB					
		A EQUIPMENT	1.0000	575.00	575.00
08 ABANDONMENT					
		ABANDONMENT	15.0000	5.00	75.00
20 TIER I					
		TIER I	1.0000	11,230.00	11,230.00
				Total Amount	11,880.00

D H E C

PROMOTE PROTECT PROSPER

C. Earl Hunter, Commissioner

Promoting and protecting the health of the public and the environment.

Monitoring Well Approval

Approval is hereby granted to:	Terry Environmental Services, Incorporated
(On behalf of):	Lil Cricket Food Stores Incorporated
Facility:	Li'l Cricket #339, 800 North West First Street, Seneca, SC
UST Permit Number:	07303
County:	Oconee

This approval is for the installation of three shallow groundwater monitoring wells. The monitoring wells are to be installed in the approved locations. The monitoring wells are to be installed following the South Carolina Well Standards, R.61-71, and the applicable guidance documents.

Please note that R.61-71 requires the following:

1. All wells shall be drilled, constructed, and abandoned by a South Carolina certified well driller per R.61-71.D.1.

2. All monitoring wells shall be labeled as required by R.61-71.H.2.c.

3. A Water Well Record Form or other form provided or approved by the Department shall be completed and submitted to the Department within 30 days after well completion or abandonment unless another schedule has been approved by the Department. The form should contain the "as-built" construction details and all other information required by R.61-71.H.1.f

4. All analytical data and water levels obtained from each monitoring well shall be submitted to the Department within 30 days of receipt of laboratory results unless another schedule has been approved by the Department as required by R.61-71.H.1.d.

5. If any of the information provided to the Department changes, notification to Arthur Shrader (tel: (803) 896-6669 or e-mail: shradeaa@dhec.sc.gov) shall be provided a minimum of twenty-four (24) hours prior to well construction as required by R.61-71.H.1.a.

6. All temporary monitoring wells shall be abandoned within 5 days of borehole completion using appropriate methods as required by R.61-71.H.4.c. All other wells shall be properly developed per R.61-71.H.2.d.

7. Departmental approval is required prior to abandonment of all monitoring wells as required by R.61-71.H.1.a.

This approval is pursuant to the provisions of Section 44-55-40 of the 1976 South Carolina Code of Laws and R.61-71 of the South Carolina Well Standards and Regulations, dated April 26, 2002. A copy of this approval should be on the site during well installation.

Date of Issuance: **July 23, 2008** **Approval #:** **UMW-21877**

Arthur Shrader Hydrogeologist
Assessment Section
Division of Assessment and Corrective Action
Bureau of Land and Waste Management

TIER I ASSESSMENT
FORMER LI'L CRICKET #339
800 WEST NORTH FIRST STREET
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT # 07303

Prepared For:

SCDHEC UNDERGROUND STORAGE TANK PROGRAM
2600 BULL ST.
COLUMBIA, SC 29201

Submitted By:

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. BOX 25
SUMMERVILLE, SOUTH CAROLINA 29484
(843) 873-8200
Fax (843) 873-8765
www.terryenvironmental.com

UST CONTRACTOR #223

TERRY PROJECT #2170B

KELLY K. CONE
PROJECT MANAGER

JASON A. TERRY, PG
PRESIDENT

OCTOBER 2008

Contracting Company: TERRY ENVIRONMENTAL SERVICES, INC.
CERTIFICATION #223

TIER I ASSESSMENT

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UST CONTRACTOR #223

SCDHEC UST PERMIT # 07303

Submitted to:
SCDHEC UNDERGROUND STORAGE TANK PROGRAM
2600 BULL ST.
COLUMBIA, SC 29201

This report has been prepared and reviewed by:

Name	Jason A. Terry	2311	October 31, 2008
	President	Registration #	Date

Signature _____ October 31, 2008
Date

REGISTERED
PROFESSIONAL SEAL

SCDHEC Certification # 223

TIER I ASSESSMENT REPORT OF FINDINGS

I. INTRODUCTION

A. Owner/Operator Information

Name: Li'l Cricket Food Stores
Address: P.O. Box 4551, Spartanburg, SC 29305
Telephone: 864-316-5318 (Gordon Zuber)

B. Property Owner Information

Name: (if different from above) Thomas & Dorothy Glenn
Address: 809 West North First Street, Seneca, 29678
Telephone Number (include area code): 864-710-8747

C. Contractor Information

Name: Terry Environmental Services, Inc.
Address: P.O. Box 25; Summerville, South Carolina 29484
Telephone: 843-873-8200

D. Site Information

Address: 800 West North First Street, Seneca, SC, 29678 (Oconee County)
Description of adjacent land use (commercial, residential, rural, etc.):
Currently the site is a commercial business utilized as a diner/restaurant. Adjacent land use is residential and commercial.
Predicted future land use (include site and adjacent area):
Predicted future site use – Commercial. Future adjacent land use – Residential and commercial.

E. Site History

Date Release Reported to SCDHEC: April 27, 1989
Estimated Quantity of Product Released: Unknown
Cause of Release: Unknown

UST #	Product	Date Installed	Currently In Use (Yes or No)	If not in use, Date Abandoned
1 (4,000 gal)	Gasoline	Unknown	No	2/22/2000
2 (4,000 gal)	Gasoline	Unknown	No	2/22/2000
3 (6,000 gal)	Gasoline	Unknown	No	2/22/2000
4 (4,000 gal)	Kerosene	Unknown	No	2/22/2000

Other Releases at this site? Yes ____ No **XXXX**
If yes, Date Release Reported to SCDHEC N/A
Status of Release: N/A
No Further Action Date: N/A

II. SITE CHARACTERISTICS

A. Site Geography

The former Li'l Cricket #339 is located in the Western Piedmont Geologic Province. The site has one commercial building (current diner/restaurant); the grounds surrounding the building consist of asphalt, concrete, or grass. The site is topographically equivalent with West North First Street.

Mean Elevation of Site
895 ft. above sea level (estimate from USGS map; see Figure 1)

B. Exposure Analysis

POTENTIAL RECEPTORS AND PREFERENTIAL PATHWAYS WITHIN A 1000-FOOT RADIUS OF THE SITE

Description of Receptor	Distance/Direction from Site
Water Supply Wells	No water supply wells were identified within a 1,000 foot radius of the subject site.
Surface Water	No surface water bodies were observed within a 1,000 foot radius of the subject site. According to the USGS map, Lake Keowee is located approximately 2,500 feet to the north-northeast. (Figure 1).
Underground Utilities	Underground utilities run adjacent to West North First Street and Lumpkin Street. Water and sewer enter the property from West North First Street, while gas and electric enter the property from Lumpkin Street.

C. Utilities Survey

UTILITIES ON-SITE, AND ADJACENT TO THE SITE WITHIN A 250-FOOT RADIUS, THAT COULD SERVE AS EXPOSURE POINTS/PREFERENTIAL PATHWAYS

(See Figure 2)

Utility	On-Site or Distance/Direction from Site	Depth to Utility
Water	Onsite – runs from building to West North First Street	Approx 3 ft bgs
Telephone	Onsite – runs from building to Lumpkin Street	Approx 3 ft bgs
Sewer	Offsite - runs from building to West North First Street	Approx 3-5 ft bgs

Bgs = below ground surface
Approx = approximately

D. Site Geology

DESCRIPTION OF THE REGIONAL GEOLOGY AND HYDROGEOLOGY

The site is located in the Western Piedmont of South Carolina approximately 20 miles to the southeast of the Brevard fault zone. More specifically the site is located within the Inner Piedmont block of the Western Piedmont. The Inner Piedmont block is a block of crust that is bounded in the Carolinas to the northwest by the Brevard fault zone and to the southeast by the Lowndesville sheer zone. The block is a composite stack of thrust sheets composed of a variety of gneisses, schists, amphibolites, sparse ultramafic bodies, and intrusive granitoids. The thrust stack appears to contain metamorphic complexes of different tectonic affinities. At least four crystalline thrust sheets have been recognized as comprising the Inner Piedmont thrust stack in South Carolina and adjacent areas of Georgia. (Source: The Geology of the Carolinas, Horton & Zullo, 1991). The site is located in the Inner Piedmont Belt which consists of sillimanite-grade regional metamorphism that decreases in grade to the northwest towards Pickens. Generally, wells drilled to depths less than 250 feet in the rocks of the Inner Piedmont Belt of Pickens County yield one-half to 500 gallons per minute. The highest average yields were obtained from wells drilled in biotite granite gneiss and the lowest average yields were from wells drilled in hornblende gneiss. The average yield of all wells inventoried was 21 gallons per minute. (Source: USGS/SCWRC Report 1: A Reconnaissance of the Water Resources of Pickens County, South Carolina, 1968)

SITE SPECIFIC GEOLOGY AND STRATIGRAPHY

Site-specific stratigraphy generally consists of clayey soils with some silt and sand. Backfill material was apparent in a few of the borings due to their proximity to the former UST basin.

The Grain Size Distribution Report (Appendix C) indicates the soil is a sandy clay. A soil sample taken from SB-4 at approximately 9-10 feet bgs was comprised of approximately 47% sand, 40% clay, and 13% silt. Surface topography (slope) varied locally onsite, but generally supports the findings on the Groundwater Contour Map (Figure 5), which indicates groundwater flows to the north-northeast in the vicinity of the reported release near the UST Basin.

E. Soil Boring Data

Drilling Dates: August 27, 2008

JUSTIFICATION OF SOIL BORINGS (UPGRADIENT, DOWNGRADIENT, TANK PIPING, ETC…).

All borings were performed in accordance with SC DHEC UST Tier I Guidance (Figure 3)

SB-1	Dispenser/Piping Area	SB-5	Dispenser/Piping Area
SB-2	Dispenser/Piping Area	SB-6	UST Area
SB-3	Dispenser/Piping Area	SB-7	UST Area
SB-4	Dispenser/Piping Area	SB-8	Background Boring

SOIL BORING INFORMATION

Sampling Dates: August 27, 2008

Piping and Dispenser Area Borings

Borehole SB-1, Sampled August 27, 2008, Sample Depth = 9-10 ft.

Sampling Interval (ft)	Field Screening Result (ppm)	Stratigraphy (soil type, color, minerals present)	Soil Conditions (dry, moist, etc.; petroleum odor)
0-2	0	Red Brown Gravel (Back Fill)	Dry; No Petroleum Odor
2-4	0	Red Brown Clay	Damp; No Petroleum Odor
4-6	0	Red Brown to Red Clay, little quartz	Dry; No Petroleum Odor
6-8	0	Red Clay, some gravel	Damp; No Petroleum Odor
8-10	0	Red Clay, little gravel	Damp; No Petroleum Odor

Borehole SB-2, Sampled August 27, 2008, Sample Depth = 9-10 ft.

Sampling Interval (ft)	Field Screening Result (ppm)	Stratigraphy (soil type, color, minerals present)	Soil Conditions (dry, moist, etc.; petroleum odor)
0-2	0	Red Clay, little pebbles and dark minerals	Dry; No Petroleum Odor
2-4	0	Red Clay, little pebbles and dark minerals	Dry; No Petroleum Odor
4-6	0	Red Clay, little silt	Dry; No Petroleum Odor
6-8	0	Red Clay, little silt	Dry; No Petroleum Odor
8-10	0	Red Clay, little silt	Dry; No Petroleum Odor

Borehole SB-3, Sampled August 27, 2008, Sample Depth = 9-10 ft.

Sampling Interval (ft)	Field Screening Result (ppm)	Stratigraphy (soil type, color, minerals present)	Soil Conditions (dry, moist, etc.; petroleum odor)
0-2	0	Red Brown Gravel	Damp; No Petroleum Odor
2-4	0	Red Brown Clay, little silt	Dry; No Petroleum Odor
4-6	0	Red Brown Clay, little silt	Dry; No Petroleum Odor
6-8	0	Quartz Vein; Red Brown Clay, little silt	Damp; No Petroleum Odor
8-10	0	Red Brown Clay, some gravel	Wet; No Petroleum Odor

Borehole SB-4, Sampled August 27, 2008, Sample Depth = 9-10 ft.

Sampling Interval (ft)	Field Screening Result (ppm)	Stratigraphy (soil type, color, minerals present)	Soil Conditions (dry, moist, etc.; petroleum odor)
0-2	150	Red Brown Clay, some silt	Dry; Slight Petroleum Odor
2-4	332	Red Brown Clay, some silt, trace brown clay	Dry; Strong Petroleum Odor
4-6	449	Red Brown ,Brown Clay, trace dark minerals	Dry; Strong Petroleum Odor
6-8	425	Red Brown to Brown Clay, little silt	Dry; Strong Petroleum Odor
8-10	410	Red Brown to Brown Clay, little silt	Dry; Strong Petroleum Odor

Borehole SB-5, Sampled August 27, 2008, Sample Depth = 8-9 ft.

Sampling Interval (ft)	Field Screening Result (ppm)	Stratigraphy (soil type, color, minerals present)	Soil Conditions (dry, moist, etc.; petroleum odor)
0-2	n/a	Red Brown Clay, some gravel and sand	Dry; Slight Petroleum Odor
2-4	n/a	Red Brown Clay, some gravel	Dry; Slight Petroleum Odor
4-6	n/a	Red Brown Clay, some gravel	Dry; Strong Petroleum Odor
6-8	n/a	Red Brown Clay, some silt, trace tan gray sand	Dry; Strong Petroleum Odor
8-10	n/a	Red Brown Clay, some silt and sand	Dry; Strong Petroleum Odor

UST Area Borings

Borehole SB-6, Sampled August 27, 2008, Sample Depth = 8-9 ft.

Sampling Interval (ft.)	Field Screening Result (ppm)	Stratigraphy (color, soil type, minerals present)	Soil Conditions (dry, moist, etc.; petroleum odor)
0-5	50	Red Brown Clay, little silt	Dry; No Petroleum Odor
5-10	200	Red Brown Clay, little silt	Damp; Slight Petroleum Odor
10-15	100	Red Brown Clay, trace sand and gravel	Dry; No Petroleum Odor
15-20	0	Brown Silt, some clay	Dry; No Petroleum Odor
20-25	0	Brown Silt, some clay	Dry; No Petroleum Odor

Borehole SB-7, Sampled August 27, 2008, Sample Depth = 24-25ft.

Sampling Interval (ft)	Field Screening Result (ppm)	Stratigraphy (soil type, color, minerals present)	Soil Conditions (dry, moist, etc.; petroleum odor)
0-5	0	Orange Red Clay, trace silt and gray fine sand	Dry; No Petroleum Odor
5-10	0	Orange Red Clay, some silt, trace mica	Dry; No Petroleum Odor
10-15	0	Orange Red Clay, trace silt	Dry; No Petroleum Odor
15-20	0	Red Brown Clay, trace silt and mica	Dry; No Petroleum Odor
20-25	0	Red Brown Clay, trace silt and mica	Dry; No Petroleum Odor

Background Boring

Borehole SB-8, Sampled August 27, 2008, Sample Depth = 9-10ft.

Sampling Interval (ft)	Field Screening Result (ppm)	Stratigraphy (soil type, color, minerals present)	Soil Conditions (dry, moist, etc.; petroleum odor)
0-2	0	Red Brown Clay, trace sand and organics	Damp; No Petroleum Odor
2-4	0	Red Brown Clay, some silt	Dry; No Petroleum Odor
4-6	0	Orange Red Fine-Grained Sand, trace silt	Dry; No Petroleum Odor
6-8	0	Orange Red to Red Brown Clay, some silt	Dry; No Petroleum Odor
8-10	0	Orange Red Clay, trace silt	Dry; No Petroleum Odor

SOIL ANALYTICAL DATA FOR EACH SOIL BORING (Figure 4)

Contaminant	RBSL	SB-1	SB-2	SB-3	SB-4	SB-5	SB-6	SB-7	SB-8
Benzene (ug/kg)	37	<3.93	<4.38	9.59	<253	<233	<4.50	<5.71	<4.03
Toluene (ug/kg)	3,630	<3.93	<4.38	<6.07	<253	<233	4.16J	<5.71	<4.03
Ethylbenzene (ug/kg)	76,950	<3.93	<4.38	<6.07	313	<233	<4.50	<5.71	<4.03
Xylenes (ug/kg)	61,250	<7.86	<8.76	19.4	480J	<466	2.46J	<11.4	<8.07
Naphthalene (ug/kg)	139	<3.93	<4.38	<6.07	**1760**	52.3J	<4.50	<5.71	<4.03
MTBE (ug/kg)	n/a	<3.93	<4.38	<6.07	522	<233	<4.50	28.2	<4.03
Acenaphthene (ug/kg)	n/a	<396	<375	<399	<452	<415	<407	<411	<384
Acenaphthylene (ug/kg)	n/a	<396	<375	<399	<452	<415	<407	<411	<384
Anthracene (ug/kg)	n/a	<396	<375	<399	<452	<415	<407	<411	<384
Benzo(a) anthracene (ug/kg)	n/a	<396	<375	<399	<452	<415	<407	<411	<384
Benzo (a) pyrene (ug/kg)	n/a	<396	<375	<399	<452	<415	<407	<411	<384
Benzo(b) fluoranthene (ug/kg)	n/a	<396	<375	<399	<452	<415	<407	<411	<384
Benzo (g,h,I) perylene (ug/kg)	n/a	<396	<375	<399	<452	<415	<407	<411	<384
Benzo(k) fluoranthene (ug/kg)	n/a	<396	<375	<399	<452	<415	<407	<411	<384
Chrysene (ug/kg)	59,800	<396	<375	<399	<452	<415	<407	<411	<384
Dibenz(a,h) anthracene (ug/kg)	n/a	<396	<375	<399	<452	<415	<407	<411	<384
Fluoranthene (ug/kg)	n/a	<396	<375	<399	<452	<415	<407	<411	8.12J
Fluorene (ug/kg)	n/a	<396	<375	<399	30.9J	<415	<407	<411	<384
Indeno (1, 2, 3-c, d) pyrene (ug/kg)	n/a	<396	<375	<399	<452	<415	<407	<411	<384
Phenanthrene (ug/kg)	n/a	<396	<375	<399	40.0J	<415	<407	<411	<384
Pyrene (ug/kg)	n/a	<396	<375	<399	13.7J	<415	<407	<411	12.2J
TPH – 3550 (DRO 8015) ug/kg	n/a	n/a	n/a	n/a	84500	n/a	n/a	n/a	n/a
TOC (Background boring) mg/kg	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	473
Lead (mg/ kg)	n/a	6.66	14.4	85.5	19.3	22.1	30.7	14.0	16.0

RBSL based on SB-7 collected at 24-25 feet, used a separate distance of 15-20 feet for clay-rich soils.
n/a = Not Analyzed for this sample
mg/kg = milligrams per kilogram
ug/kg = micrograms per kilogram
J = estimated value

HORIZONTAL AND VERTICAL EXTENT OF COC IN THE SOIL

Based on the soil analytical data, CoC concentrations are highest on the eastern portion of the site between the former dispenser location and the former UST basin. There is no apparent trend concerning the sample collection depths and the CoC concentrations (Figure 4).

F. Chemicals of Concern - Groundwater

MW#	Installation Date	Development Date	Sampling Date
MW-5R	September 12, 2008	September 18, 2008	October 1, 2008
MW-9	September 12, 2008	September 18, 2008	October 1, 2008
MW-10	September 12, 2008	Free Product	Free Product

MONITORING WELL AND GROUNDWATER DATA (Figure 5)

MW#	TOC Elevation (ft)	Screened Interval (ft)	Depth to Water (ft)	Depth to Product (ft)	Water Table Elevation (ft)
MW-3	102.15	37-55	41.28	--	60.87
MW-5R	100.01	50-60	59.55	--	40.46*
MW-9	100.85	45-55	40.81	--	60.04
MW-10	102.07	42-52	43.95	43.62	58.12

*MW-5R not used for contouring.

GROUNDWATER ANALYTICAL DATA (Figure 6)

Contaminant	RBSL	MW-3	MW-5R	MW-9	MW-10
Free Product Thickness (ft.)	n/a	None	CNS	None	0.33
Benzene (ug/L)	5.0	**8.51**	CNS	**2,820**	NS-FP
Toluene (ug/L)	1000	<1.00	CNS	**4,860**	NS-FP
Ethylbenzene (ug/L)	700	4.10	CNS	**1,140**	NS-FP
Xylenes (ug/L)	10000	7.25	CNS	4,720	NS-FP
Naphthalene (ug/L)	25	3.51J	CNS	**357**	NS-FP
MTBE (ug/L)	40	**57.3**	CNS	**9,050**	NS-FP
1,2-Dichloroethane (ug/L)	n/a	<1.00	CNS	<50.0	NS-FP
Acenaphthene (ug/L)	n/a	<10.3	CNS	<10.1	NS-FP
Acenaphthylene (ug/L)	n/a	<10.3	CNS	<10.1	NS-FP
Anthracene (ug/L)	n/a	<10.3	CNS	<10.1	NS-FP
Benzo(a) anthracene (ug/L)	10	<10.3	CNS	<10.1	NS-FP
Benzo(a) pyrene (ug/L)	n/a	<10.3	CNS	<10.1	NS-FP
Benzo(b) fluoranthene (ug/L)	10	<10.3	CNS	<10.1	NS-FP
Benzo (g,h,I) perylene (ug/L)	n/a	<10.3	CNS	<10.1	NS-FP
Benzo(k) fluoranthene (ug/L)	10	<10.3	CNS	<10.1	NS-FP
Chrysene (ug/L)	10	<10.3	CNS	<10.1	NS-FP
Dibenz(a,h) anthracene (ug/L)	10	<10.3	CNS	<10.1	NS-FP
Fluoranthene (ug/L)	n/a	<10.3	CNS	<10.1	NS-FP
Fluorene (ug/L)	n/a	<10.3	CNS	<10.1	NS-FP
Indeno (1, 2, 3-c, d) pyrene (ug/L)	n/a	<10.3	CNS	<10.1	NS-FP
Naphthalene (ug/L)	25	<10.3	CNS	**166**	NS-FP
Phenanthrene (ug/L)	n/a	<10.3	CNS	<10.1	NS-FP
Pyrene (ug/L)	n/a	<10.3	CNS	<10.1	NS-FP
Methane (ug/L)	n/a	1.60J	CNS	1.72J	NS-FP
Carbon Dioxide (ug/L)	n/a	209,000	CNS	223,000	NS-FP
1,2-Dibromoethane (EDB) (ug/L)	0.05	<0.010	CNS	**197**	NS-FP
Lead (mg/L)	0.015	0.014B	CNS	**0.16**	NS-FP
Nitrate/Nitrite (mg/L)	n/a	7.85	CNS	<0.010	NS-FP
Ferrous Iron (mg/L)	n/a	0.595	CNS	0.131	NS-FP
Dissolved Oxygen (mg/L)	n/a	6.17	CNS	4.86	NS-FP
Sulfate (mg/L)	n/a	<5.0	CNS	1.4B	NS-FP

mg/L = milligrams per liter
ug/L = micrograms per liter
NS-FP = Not sampled; free product
CNS = Not enough water or recharge to collect a sample

SEE GROUNDWATER SAMPLING LOGS FOR FIELD PARAMETERS - APPENDIX C.

G. Aquifer Characteristics (Slug test information included in Appendix D and Appendix F, Figure 7)

Hydraulic Conductivity	0.348 ft/day (MW-3)
Hydraulic Gradient	0.046 ft/ft
Porosity	0.45
Estimated Seepage Velocity	0.0356 ft/day or 12.99 ft/year

III. TIER I EVALUATION

A. CURRENT LAND USE –Potential receptors or human exposure pathways (e.g. basement, contaminated soils from UST closures, etc.) within a 1000-foot radius for current land use.

Media (for exposure)	Exposure Route	Pathway Selected for Evaluation (Yes or No)	Exposure Point or Reason for Non-Selection	Data Requirements (IF pathway selected)
Air	Inhalation Explosion Hazard	**Yes** No **Yes** No	Potential if vapors accumulate in storm sewer or buildings.	Monitor Utility Corridors
Groundwater	Ingestion Dermal Contact Volatile Inhalation	Yes **No** Yes **No** Yes **No**	There were no water supply wells identified in the area.	n/a
Surface Water	Ingestion Dermal Contact Volatile Inhalation	Yes **No** Yes **No** Yes **No**	There were no surface water bodies identified in the area.	n/a
Surficial Soil	Ingestion Dermal Contact Volatile Inhalation	Yes **No** Yes **No** Yes **No**	Site is mostly covered with concrete and/or asphalt.	n/a
Subsurface Soil	Ingestion Dermal Contact Volatile Inhalation	Yes **No** Yes **No** Yes **No**	Subsurface soil contamination is present but is covered with concrete and/or asphalt.	n/a

B. FUTURE LAND USE – Identify any potential receptors or human exposure pathways (e.g. basements, contaminated soils from UST closures, etc.) within a 1000-foot radius for projected future land use. Complete the table below. Additional sheets may be attached if necessary.

Media (for exposure)	Exposure Route	Pathway Selected for Evaluation (Yes or No)	Exposure Point or Reason for Non- Selection	Data Requirements (if pathway selected)
Air	Inhalation Explosion Hazard	**Yes** No **Yes** No	Potential if vapors accumulate in storm sewer or buildings.	Monitor Utility Corridors
Groundwater	Ingestion Dermal Contact Volatile Inhalation	Yes **No** Yes **No** Yes **No**	There were no water supply wells identified in the area. Municipal water available.	n/a
Surface Water	Ingestion Dermal Contact Volatile Inhalation	Yes **No** Yes **No** Yes **No**	There were no surface water bodies identified in the area.	n/a
Surficial Soil	Ingestion Dermal Contact Volatile Inhalation	Yes **No** Yes **No** Yes **No**	Site is mostly covered with concrete and/or asphalt.	n/a
Subsurface Soil	Ingestion Dermal Contact Volatile Inhalation	Yes **No** Yes **No** Yes **No**	Subsurface soil contamination is present but is covered with concrete and/or asphalt.	n/a

CONCLUSIONS AND RECOMMENDATIONS

Based on the Tier I Assessment results, the following conclusions and recommendations are offered:

- Groundwater appears to flow to the north-northeast;
- Free-phase product was measured in MW-10 at a thickness of 0.33 feet; and
- Concentrations of CoC's in excess of the RBSL's were found onsite in the soil and groundwater samples.
- The horizontal and vertical extent of the plume is not defined.

TERRY recommends a Tier II Assessment to horizontally and vertically delineate the contaminant plume. Following field delineation, monitoring well installation and sampling, an AFVR Event is proposed to address the free product in MW-10. A cost proposal for the Tier II Assessment and an AFVR Event has been provided in Appendix H.

APPENDIX A

Geologist's Logs

TERRY ENVIRONMENTAL SERVICES

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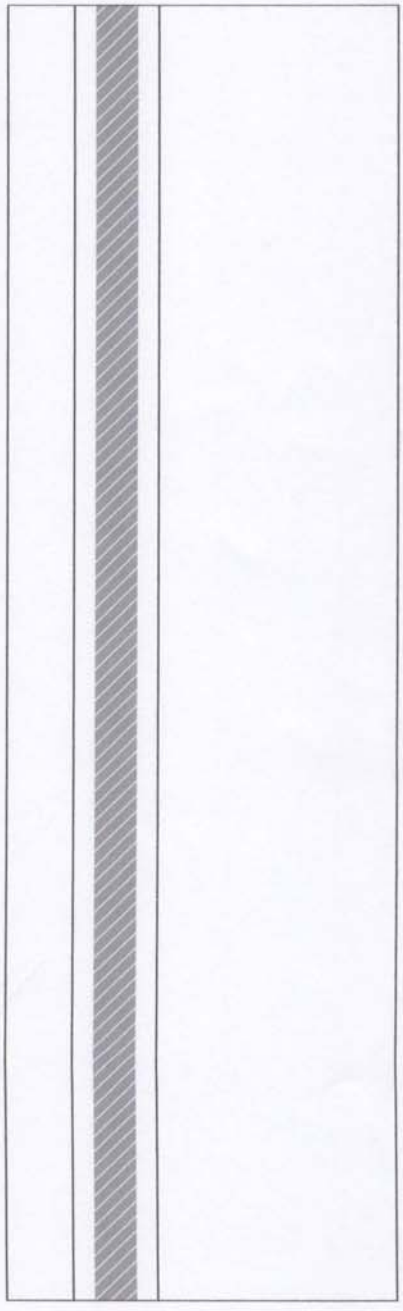
SOIL BORING LOG

SOIL BORING #SB-1
TERRY PROJECT: Li'l Cricket 339
PROJECT LOCATION: Seneca, SC
TERRY PROJECT #: 07303
SCDHEC SITE ID #: 2170B
CLIENT: Li'l Cricket Food Stores

DRILLING COMPANY: Terry Exploration
DRILLER: Randy Brand (Cert. # 1485)
FIELD PERSONNEL: Randy Brand
START DATE: 8/27/08 FINISH DATE: 8/27/08

TERMINATION DEPTH: 10 ft bgs
WATER LEVEL: n/a
ABANDONMENT METHOD: neat cement
SAMPLE RETRIEVED: 9-10 ft bgs

Depth Scale	Sample	Odor	PID/OVA	Moisture Content	Lithology	Water Level	BORING ABANDONMENT
0		1	0	1	CONCRETE: Concrete		
					GRAVEL: Gravel		
		1	0	2	GRAVEL: Red-brown gravel, backfill		
		1	0	1	CLAY: Red-brown clay		
5		1	0	1	CLAY: Red clay, little quartz		
		1	0	2	CLAY: Red clay, some gravel		
		1	0	2	CLAY: Red clay, little gravel		
10							



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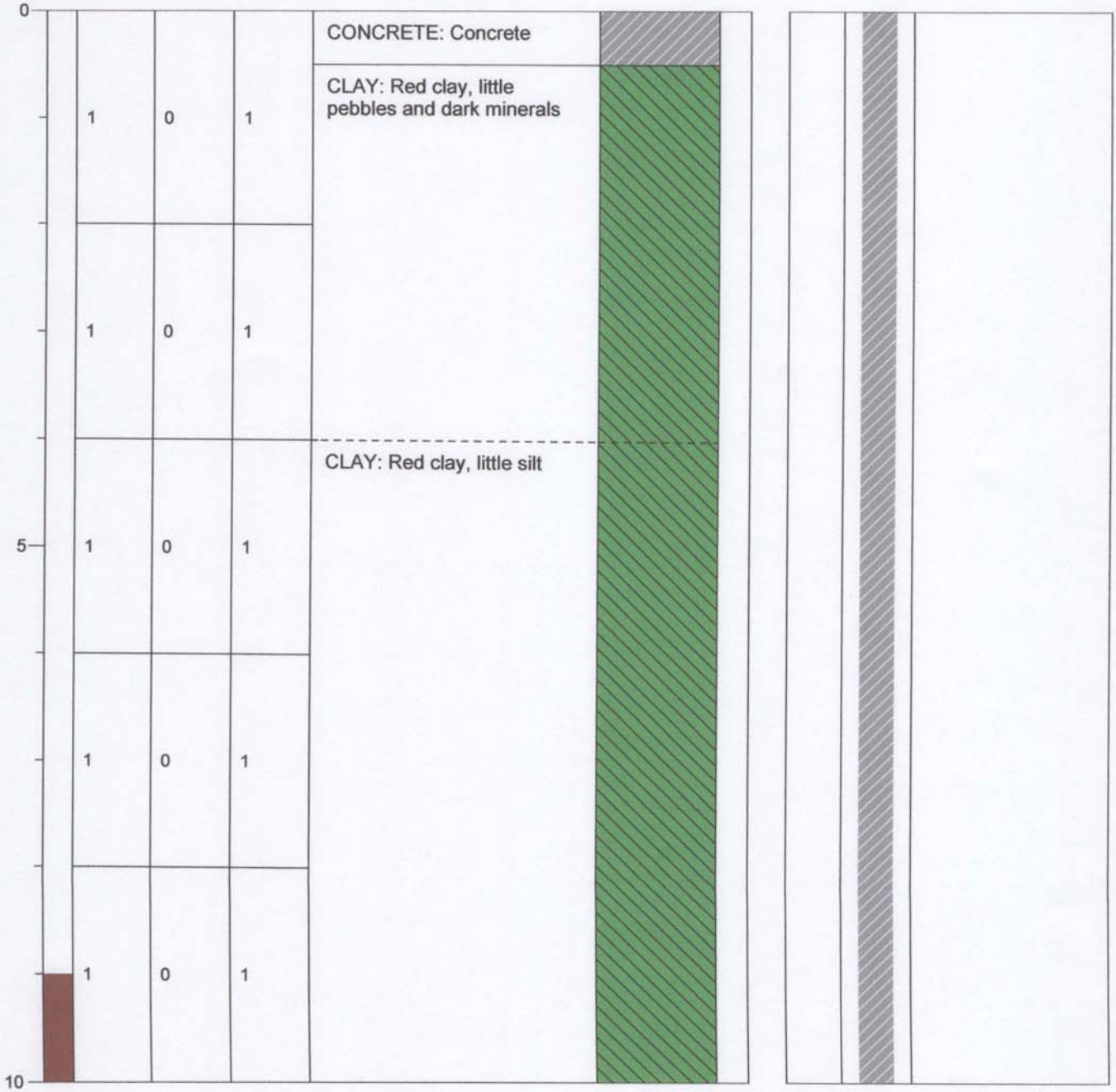
SOIL BORING LOG

SOIL BORING #SB-2
TERRY PROJECT: Li'l Cricket 339
PROJECT LOCATION: Seneca, SC
TERRY PROJECT #: 07303
SCDHEC SITE ID #: 2170B
CLIENT: Li'l Cricket Food Stores

DRILLING COMPANY: Terry Exploration
DRILLER: Randy Brand (Cert. # 1485)
FIELD PERSONNEL: Randy Brand
START DATE: 8/27/08 FINISH DATE: 8/27/08

TERMINATION DEPTH: 10 ft bgs
WATER LEVEL: N/A
ABANDONMENT METHOD: neat cement
SAMPLE RETRIEVED: 9-10 ft bgs

Depth Scale	Sample	Odor	PID/OVA	Moisture Content	Lithology	Water Level	BORING ABANDONMENT
0					CONCRETE: Concrete		
		1	0	1	CLAY: Red clay, little pebbles and dark minerals		
		1	0	1			
		1	0	1	CLAY: Red clay, little silt		
5		1	0	1			
		1	0	1			
		1	0	1			
10							



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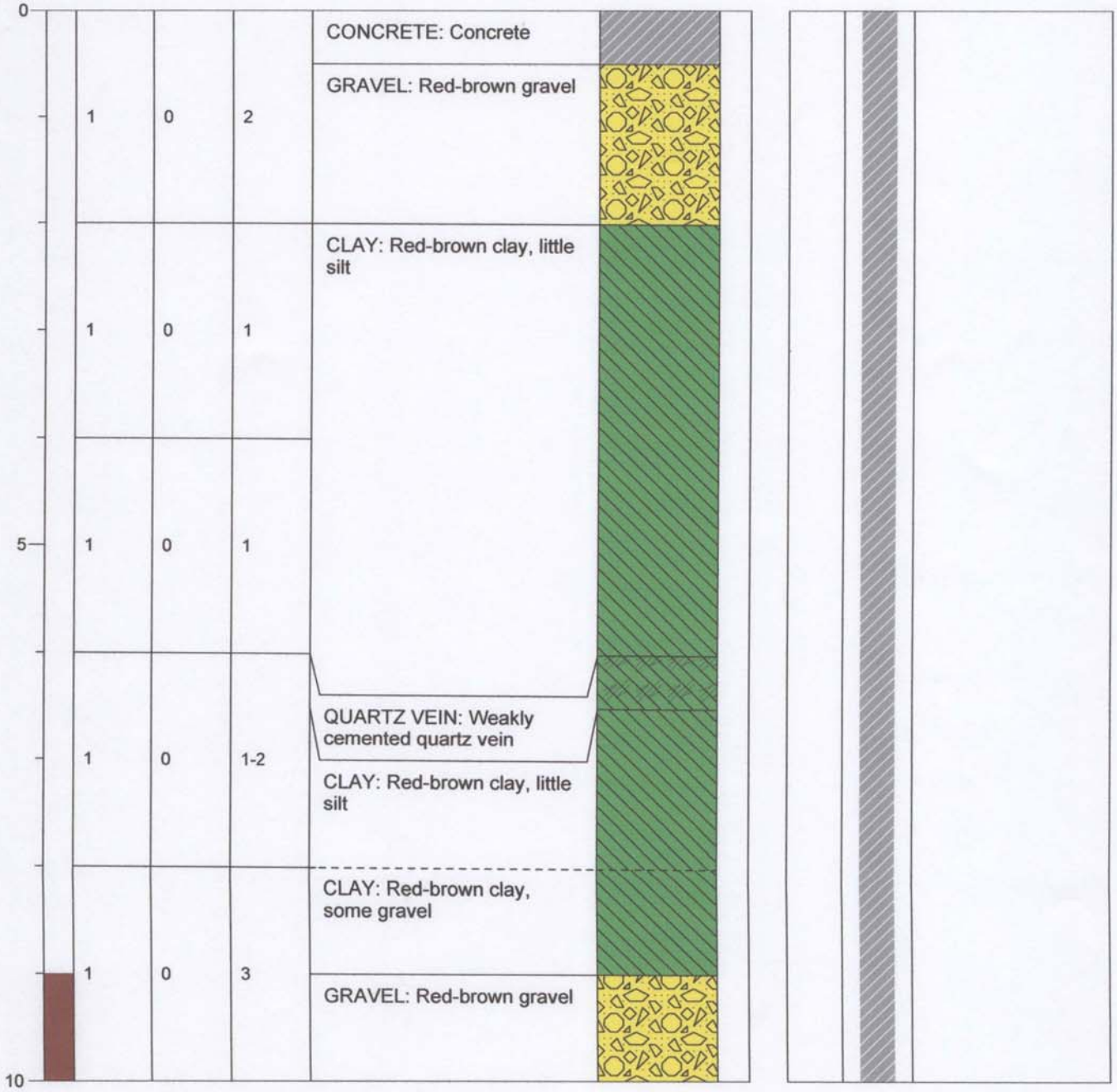
SOIL BORING LOG

SOIL BORING #SB-3
TERRY PROJECT: Li'l Cricket 339
PROJECT LOCATION: Seneca, SC
TERRY PROJECT #: 07303
SCDHEC SITE ID #: 2170B
CLIENT: Li'l Cricket Food Stores

DRILLING COMPANY: Terry Exploration
DRILLER: Randy Brand (Cert. # 1485)
FIELD PERSONNEL: Randy Brand
START DATE: 8/27/08 FINISH DATE: 8/27/08

TERMINATION DEPTH: 10 ft bgs
WATER LEVEL: N/A
ABANDONMENT METHOD: neat cement
SAMPLE RETRIEVED: 9-10 ft bgs

Depth Scale	Sample	Odor	PID/OVA	Moisture Content	Lithology	Water Level	BORING ABANDONMENT
0					CONCRETE: Concrete		
		1	0	2	GRAVEL: Red-brown gravel		
		1	0	1	CLAY: Red-brown clay, little silt		
5		1	0	1			
		1	0	1-2	QUARTZ VEIN: Weakly cemented quartz vein CLAY: Red-brown clay, little silt		
		1	0	3	CLAY: Red-brown clay, some gravel		
10					GRAVEL: Red-brown gravel		



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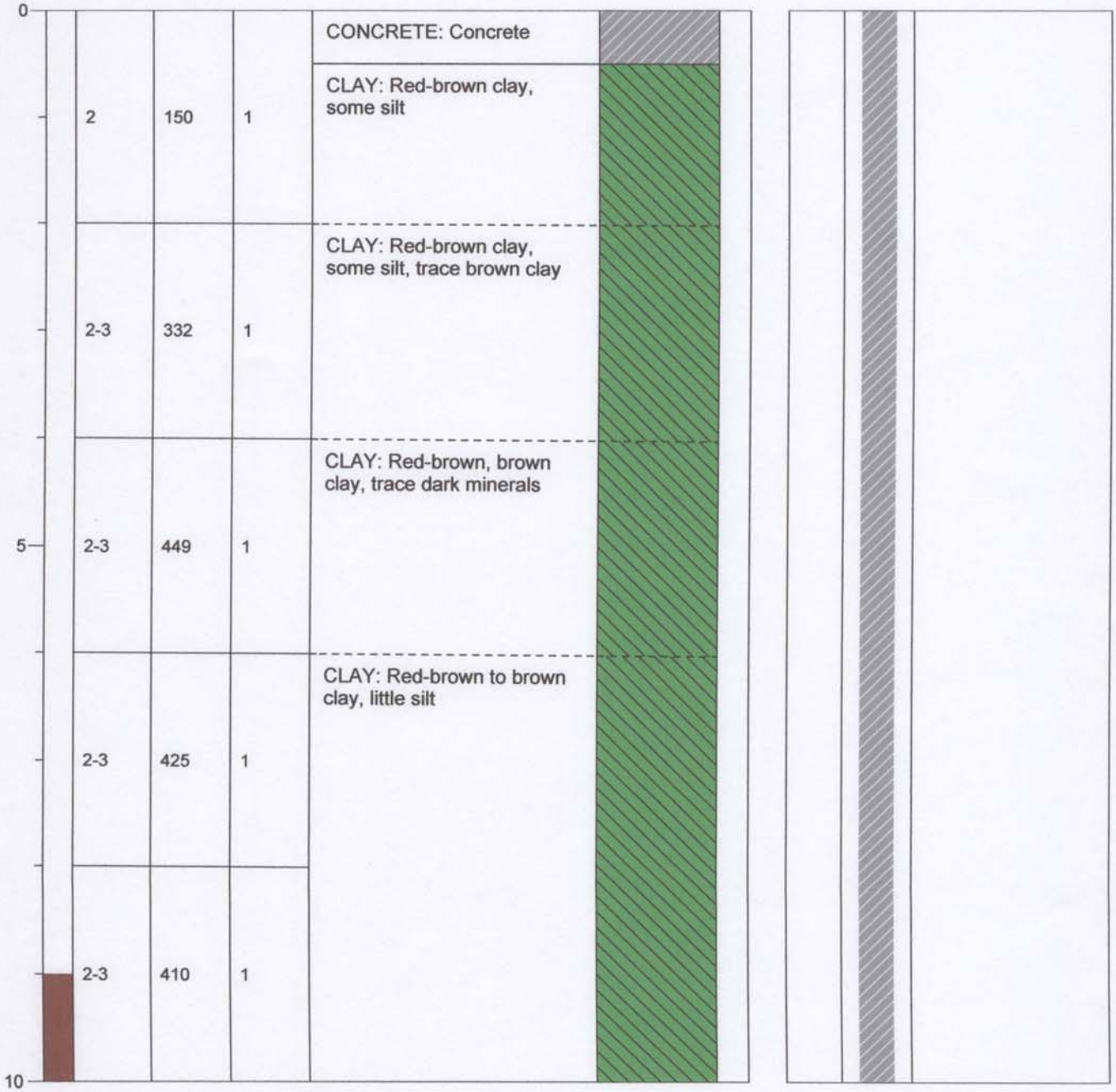
SOIL BORING LOG

SOIL BORING #SB-4
TERRY PROJECT: Li'l Cricket 339
PROJECT LOCATION: Seneca, SC
TERRY PROJECT #: 07303
SCDHEC SITE ID #: 2170B
CLIENT: Li'l Cricket Food Stores

DRILLING COMPANY: Terry Exploration
DRILLER: Randy Brand (Cert. # 1485)
FIELD PERSONNEL: Randy Brand
START DATE: 8/27/08 FINISH DATE: 8/27/08

TERMINATION DEPTH: 10 ft bgs
WATER LEVEL: N/A
ABANDONMENT METHOD: neat cement
SAMPLE RETRIEVED: 9-10 ft bgs

Depth Scale	Sample	Odor	PID/OVA	Moisture Content	Lithology	Water Level	BORING ABANDONMENT
0					CONCRETE: Concrete		
		2	150	1	CLAY: Red-brown clay, some silt		
		2-3	332	1	CLAY: Red-brown clay, some silt, trace brown clay		
5		2-3	449	1	CLAY: Red-brown, brown clay, trace dark minerals		
		2-3	425	1	CLAY: Red-brown to brown clay, little silt		
		2-3	410	1			
10							



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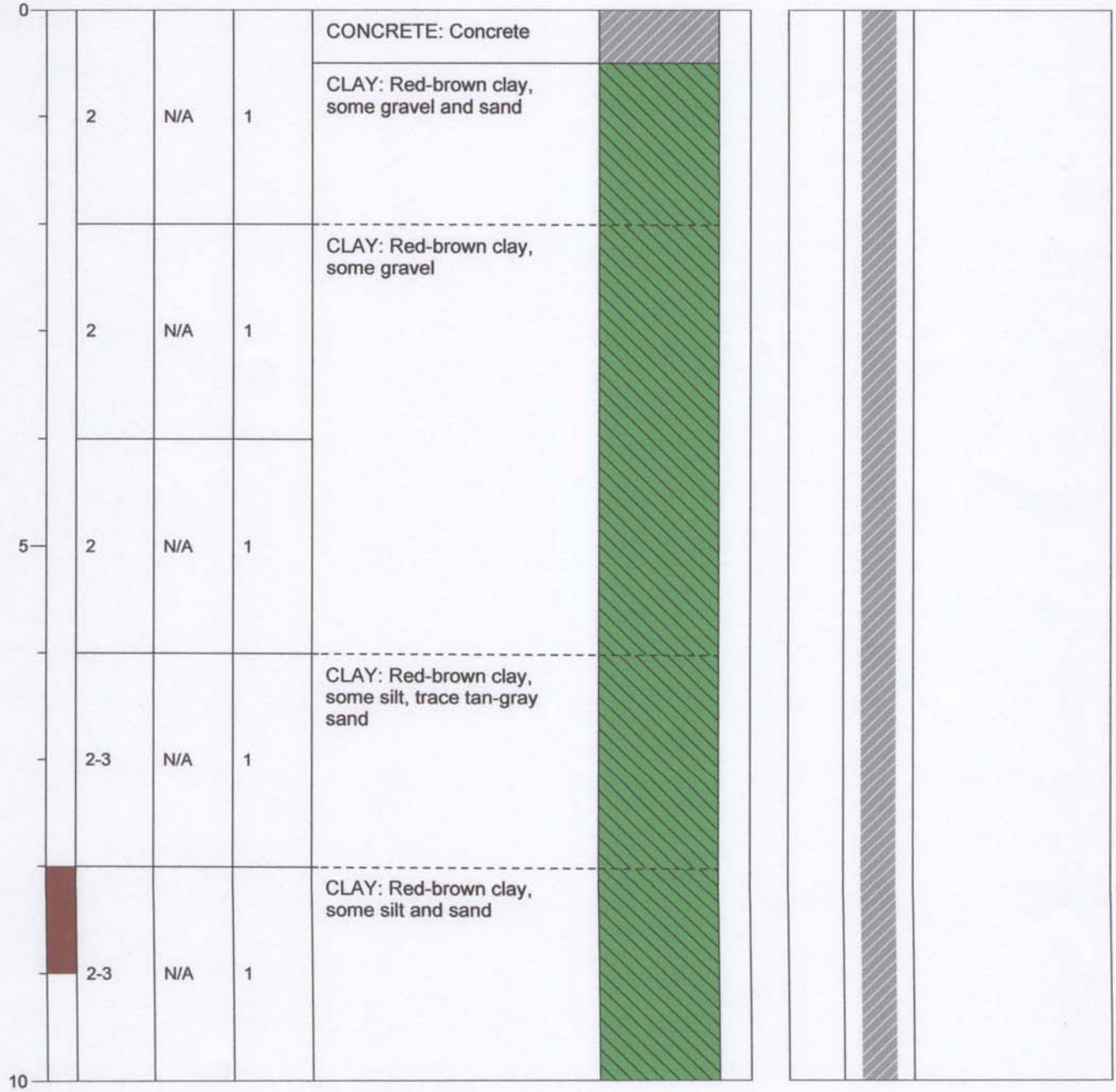
SOIL BORING LOG

SOIL BORING #SB-5
TERRY PROJECT: Li'l Cricket 339
PROJECT LOCATION: Seneca, SC
TERRY PROJECT #: 07303
SCDHEC SITE ID #: 2170B
CLIENT: Li'l Cricket Food Stores

DRILLING COMPANY: Terry Exploration
DRILLER: Randy Brand (Cert. # 1485)
FIELD PERSONNEL: Randy Brand
START DATE: 8/27/08 FINISH DATE: 8/27/08

TERMINATION DEPTH: 10 ft bgs
WATER LEVEL: N/A
ABANDONMENT METHOD: neat cement
SAMPLE RETRIEVED: 8-9 ft bgs

Depth Scale	Sample	Odor	PID/OVA	Moisture Content	Lithology	Water Level	BORING ABANDONMENT
0					CONCRETE: Concrete		
		2	N/A	1	CLAY: Red-brown clay, some gravel and sand		
		2	N/A	1	CLAY: Red-brown clay, some gravel		
5		2	N/A	1			
		2-3	N/A	1	CLAY: Red-brown clay, some silt, trace tan-gray sand		
		2-3	N/A	1	CLAY: Red-brown clay, some silt and sand		
10							



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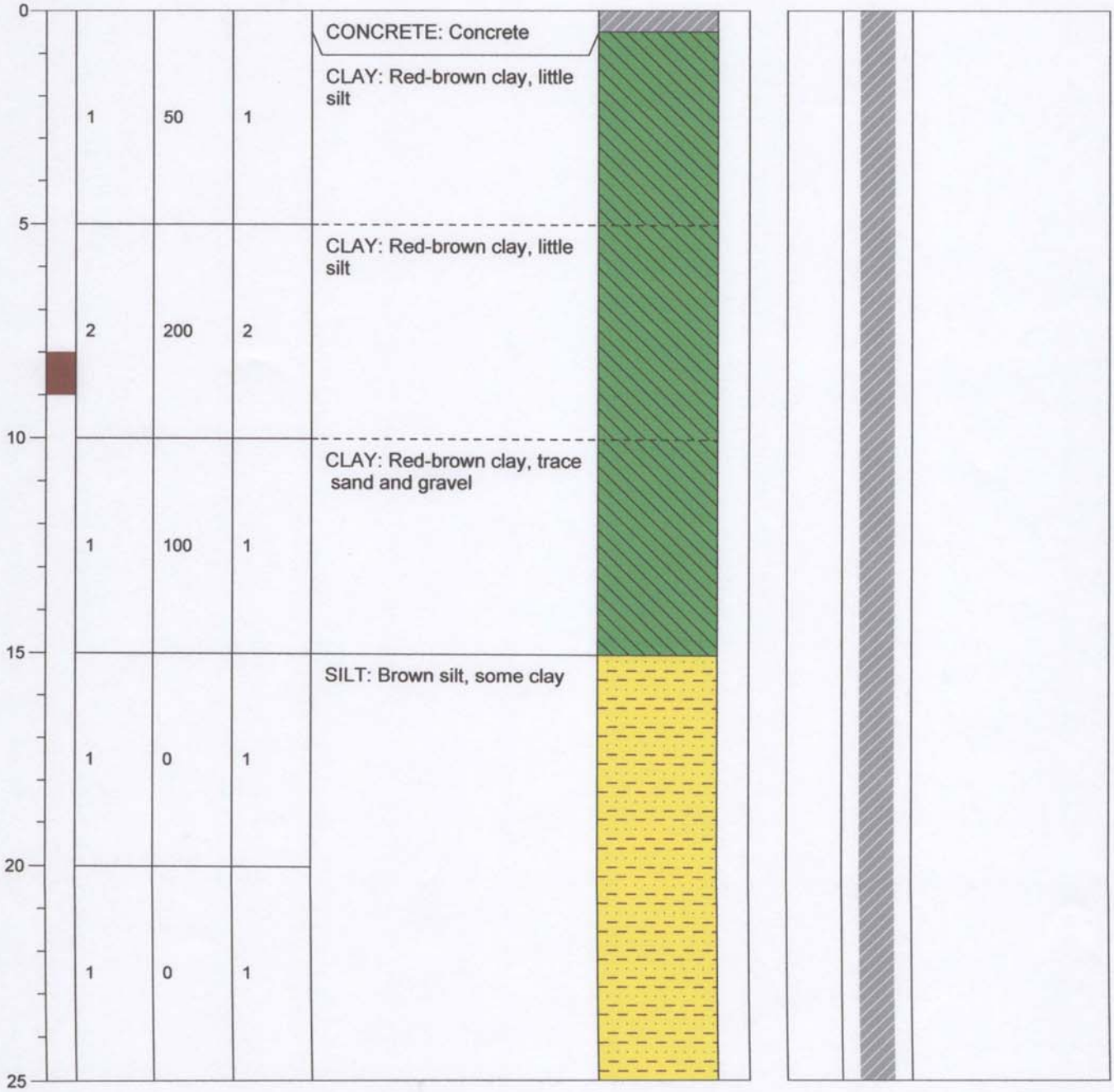
SOIL BORING LOG

SOIL BORING #SB-6
TERRY PROJECT: Li'l Cricket 339
PROJECT LOCATION: Seneca, SC
TERRY PROJECT #: 07303
SCDHEC SITE ID #: 2170B
CLIENT: Li'l Cricket Food Stores

DRILLING COMPANY: Terry Exploration
DRILLER: Randy Brand (Cert. # 1485)
FIELD PERSONNEL: Randy Brand
START DATE: 8/27/08 FINISH DATE: 8/27/08

TERMINATION DEPTH: 25 ft bgs
WATER LEVEL: N/A
ABANDONMENT METHOD: neat cement
SAMPLE RETRIEVED: 8-9 ft bgs

Depth Scale	Sample	Odor	PID/OVA	Moisture Content	Lithology	Water Level	BORING ABANDONMENT
0		1	50	1	CONCRETE: Concrete CLAY: Red-brown clay, little silt		
5		2	200	2	CLAY: Red-brown clay, little silt		
10		1	100	1	CLAY: Red-brown clay, trace sand and gravel		
15		1	0	1	SILT: Brown silt, some clay		
20		1	0	1			
25							



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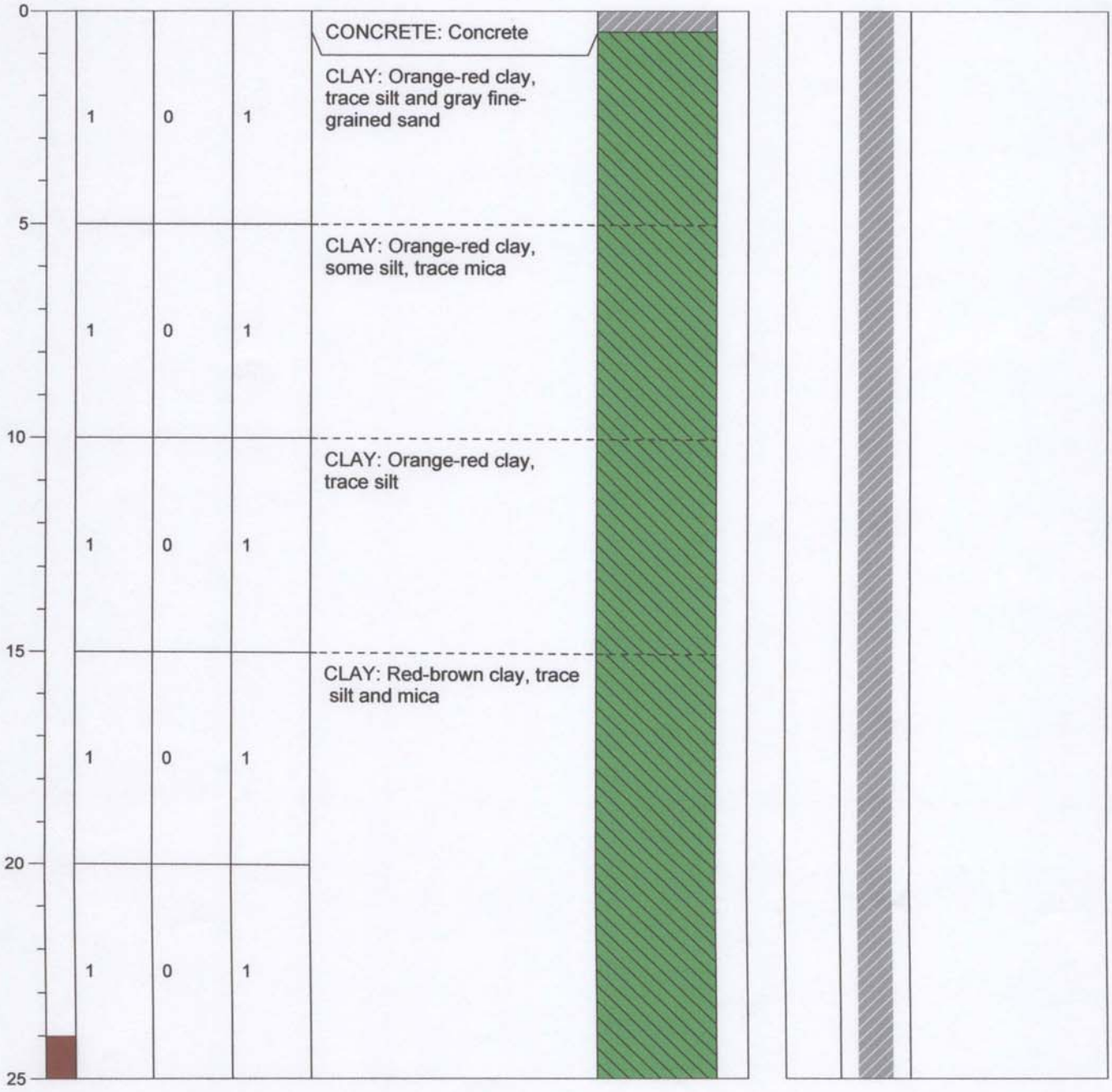
SOIL BORING LOG

SOIL BORING #SB-7
TERRY PROJECT: Li'l Cricket 339
PROJECT LOCATION: Seneca, SC
TERRY PROJECT #: 07303
SCDHEC SITE ID #: 2170B
CLIENT: Li'l Cricket Food Stores

DRILLING COMPANY: Terry Exploration
DRILLER: Randy Brand (Cert. # 1485)
FIELD PERSONNEL: Randy Brand
START DATE: 8/27/08 FINISH DATE: 8/27/08

TERMINATION DEPTH: 25 ft bgs
WATER LEVEL: N/A
ABANDONMENT METHOD: neat cement
SAMPLE RETRIEVED: 24-25 ft bgs

Depth Scale	Sample	Odor	PID/OVA	Moisture Content	Lithology	Water Level	BORING ABANDONMENT
0	1	0	1		CONCRETE: Concrete CLAY: Orange-red clay, trace silt and gray fine-grained sand		
5	1	0	1		CLAY: Orange-red clay, some silt, trace mica		
10	1	0	1		CLAY: Orange-red clay, trace silt		
15	1	0	1		CLAY: Red-brown clay, trace silt and mica		
20	1	0	1				
25							



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SOIL BORING LOG

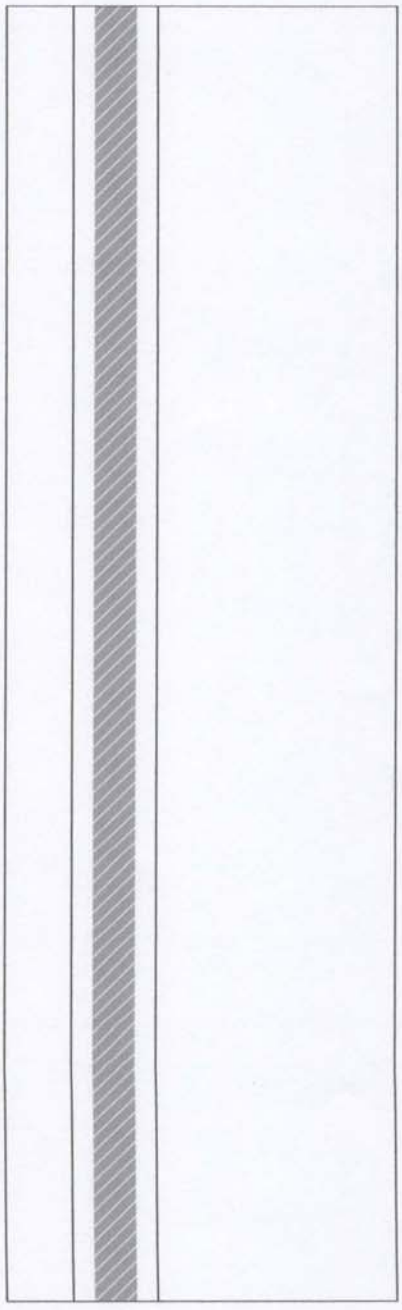
SOIL BORING #SB-8
TERRY PROJECT: Li'l Cricket 339
PROJECT LOCATION: Seneca, SC
TERRY PROJECT #: 07303
SCDHEC SITE ID #: 2170B
CLIENT: Li'l Cricket Food Stores

DRILLING COMPANY: Terry Exploration
DRILLER: Randy Brand (Cert. # 1485)
FIELD PERSONNEL: Randy Brand
START DATE: 8/27/08 FINISH DATE: 8/27/08

TERMINATION DEPTH: 10 ft bgs
WATER LEVEL: N/A
ABANDONMENT METHOD: neat cement
SAMPLE RETRIEVED: 9-10 ft bgs

Depth Scale	Sample	Odor	PID/OVA	Moisture Content	Lithology	Water Level
0						
		1	0	1-2	CLAY: Red-brown clay, trace sand and organics	
		1	0	1	CLAY: Red-brown clay, some silt	
		1	0	1	SAND: Orange-red fine-grained sand, trace silt	
5		1	0	1	CLAY: Orange-red to red-brown clay, some silt	
		1	0	1	CLAY: Orange-red clay, trace silt	
10						

BORING ABANDONMENT



APPENDIX B

Monitoring Well Construction Logs

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WELL LOG

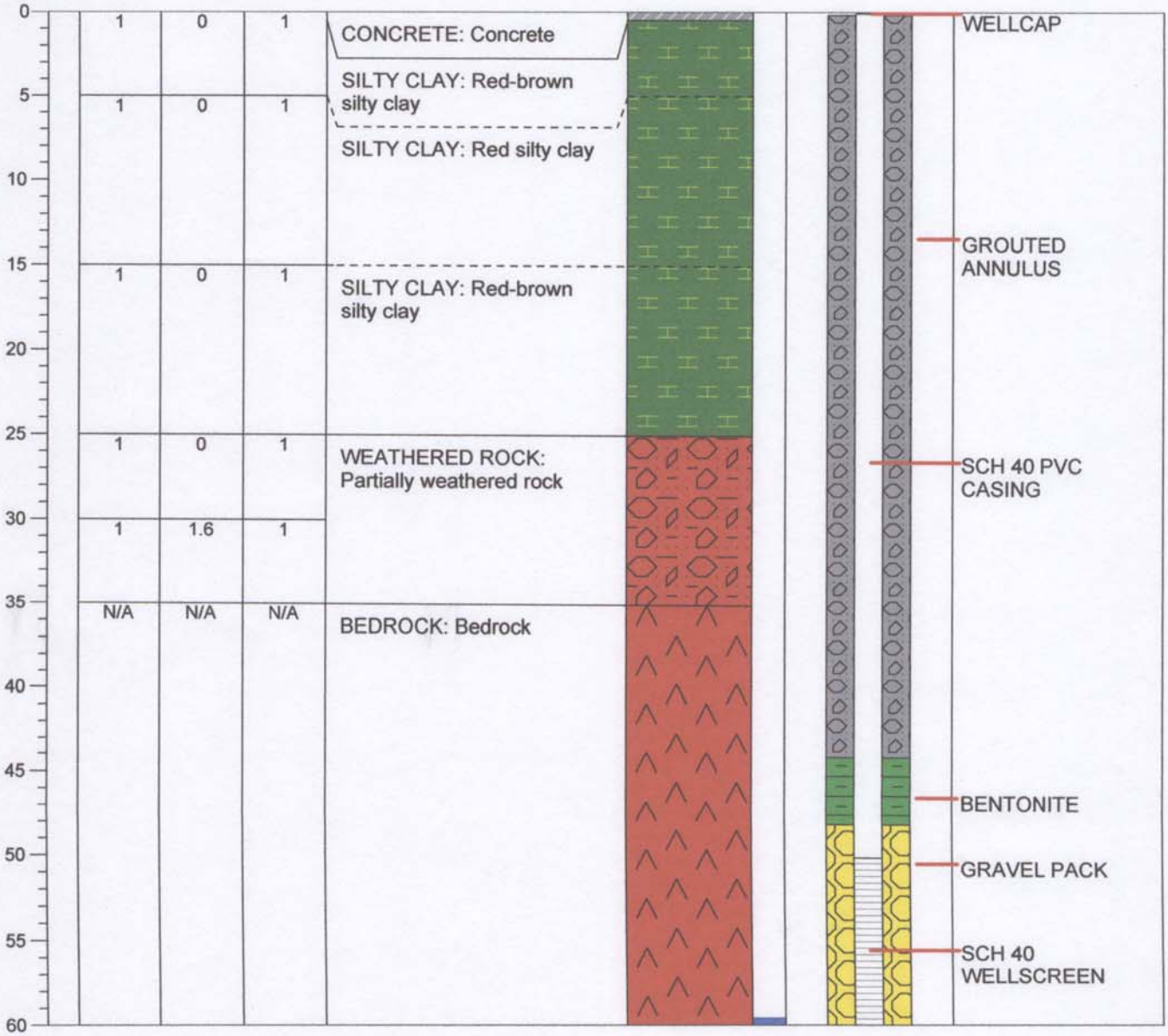
MONITORING WELL #: MW-5R
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170B
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: Tony Monk
START DATE: 9/12/08 FINISH DATE: 9/12/08
DRILLING COMPANY: Geologic Exploration
DRILLER: Jason Mantak (Cert # 1494)
DRILLING METHOD: Air

HOLE DIAMETER: 6"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 100.01
WATER LEVEL: 59.55 ft bgs
EASTING: 574.5297
NORTHING: 1110.1053
DEVELOPMENT: Pumping/Surging

Casing Interval 0-50 ft bgs | Bentonite Interval 44-48 ft bgs | Filter Interval 48-60 ft bgs
Screen Interval 50-60 ft bgs | Grout Interval 0-44 ft bgs | Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	OVA Reading	Moisture (1=dry, 2=moist, 3=wet)	Lithology	Water Level	Well Construction
0–5	1	0	1		CONCRETE: Concrete		WELLCAP
5–10	1	0	1		SILTY CLAY: Red-brown silty clay		
10–15					SILTY CLAY: Red silty clay		GROUTED ANNULUS
15–20	1	0	1		SILTY CLAY: Red-brown silty clay		
20–25							
25–30	1	0	1		WEATHERED ROCK: Partially weathered rock		SCH 40 PVC CASING
30–35	1	1.6	1				
35–40	N/A	N/A	N/A		BEDROCK: Bedrock		BENTONITE
40–45							
45–50							GRAVEL PACK
50–55							
55–60							SCH 40 WELLSCREEN



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WELL LOG

MONITORING WELL #: MW-9
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170B
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: Tony Monk
START DATE: 9/12/08 FINISH DATE: 9/12/08
DRILLING COMPANY: Geologic Exploration
DRILLER: Jason Mantak (Cert # 1494)
DRILLING METHOD: Air

HOLE DIAMETER: 6"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 100.85
WATER LEVEL: 40.81 ft bgs
EASTING: 657.4294
NORTHING: 1113.716
DEVELOPMENT: Pumping/Surging

Casing Interval 0-45 ft bgs | Bentonite Interval 39-43 ft bgs | Filter Interval 43-55 ft bgs
Screen Interval 45-55 ft bgs | Grout Interval 0-39 ft bgs | Filter Material Sand

Depth Scale	Sample Zone	Odor 1=none 2=slight 3=strong	OVA Reading	Moisture 1=dry 2=moist 3=wet	Lithology	Water Level	Well Construction
0	1	N/A	1		CONCRETE: Concrete		WELLCAP
					CLAY: Red clay, little silt		
5	3	N/A	2		CLAY: Red-brown clay, little silt, trace mica		
10	3	N/A	1		SILTY CLAY: Red-brown silty clay, trace mica		GROUTED ANNULUS
15							
20							
25							SCH 40 PVC CASING
30					WEATHERED ROCK: Partially weathered rock		
35	3	N/A	1				
	N/A	N/A	N/A		BEDROCK: Bedrock		BENTONITE
40							
45							GRAVEL PACK
							SCH 40 WELLSCREEN
50							
55							

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WELL LOG

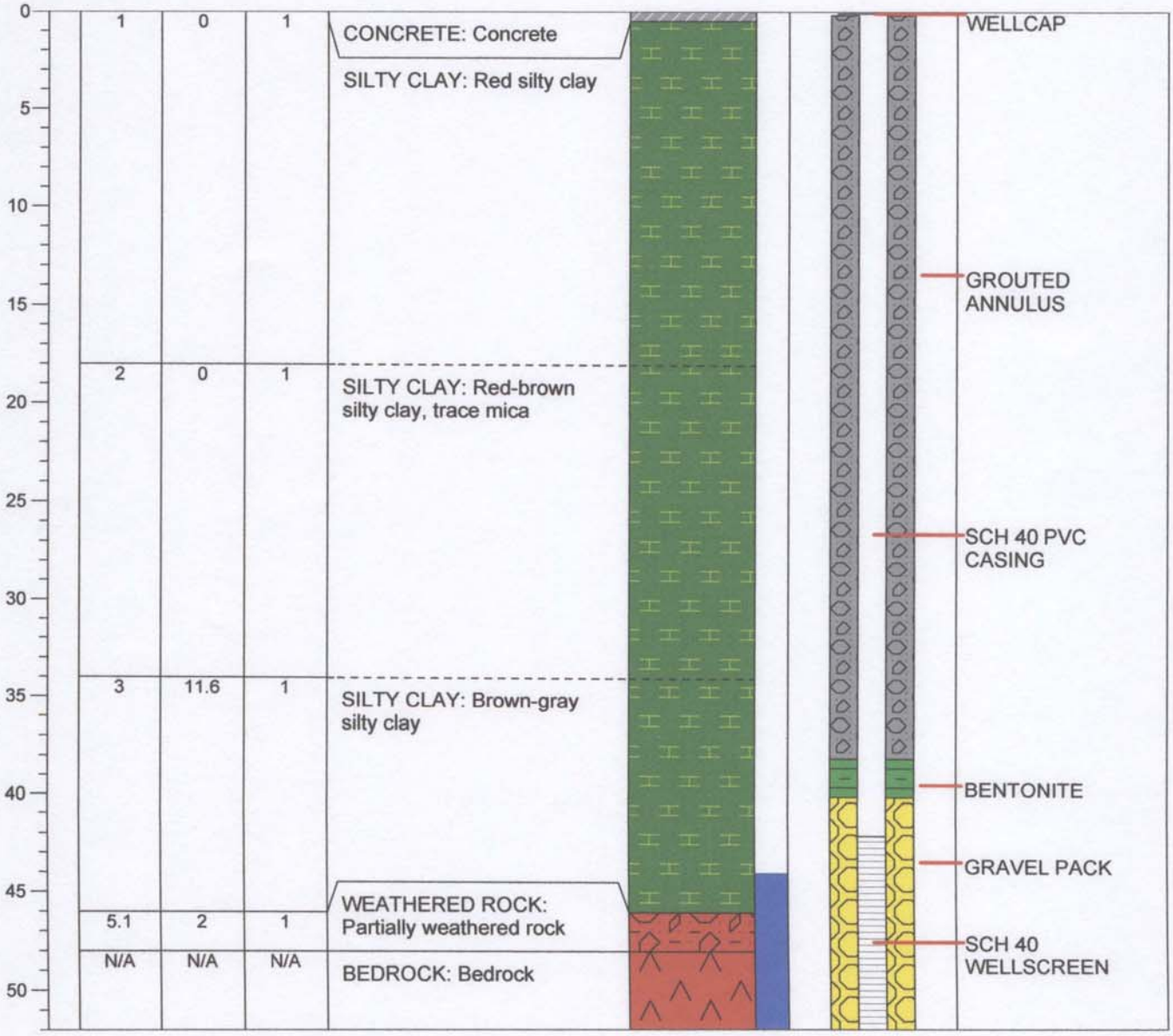
MONITORING WELL #: MW-10
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170B
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: Tony Monk
START DATE: 9/12/08 FINISH DATE: 9/12/08
DRILLING COMPANY: Geologic Exploration
DRILLER: Jason Mantak (Cert # 1494)
DRILLING METHOD: Air

HOLE DIAMETER: 6"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 102.07
WATER LEVEL: 43.95 ft bgs
EASTING: 673.8453
NORTHING: 1153.5989
DEVELOPMENT: Pumping/Surging

Casing Interval 0-42 ft bgs | Bentonite Interval 38-40 ft bgs | Filter Interval 40-52 ft bgs
Screen Interval 42-52 ft bgs | Grout Interval 0-38 ft bgs | Filter Material Sand

Depth Scale	Sample Zone	Odor 1=none 2=slight 3=strong	OVA Reading	Moisture 1=dry 2=moist 3=wet	Lithology	Water Level	Well Construction
0–18	1	0	1		CONCRETE: Concrete SILTY CLAY: Red silty clay		WELLCAP GROUTED ANNULUS
18–36	2	0	1		SILTY CLAY: Red-brown silty clay, trace mica		SCH 40 PVC CASING
36–46	3	11.6	1		SILTY CLAY: Brown-gray silty clay		BENTONITE GRAVEL PACK
46–47	5.1	2	1		WEATHERED ROCK: Partially weathered rock		SCH 40 WELLSCREEN
47–50	N/A	N/A	N/A		BEDROCK: Bedrock		



Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE. PROTECT. PROSPER.

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LIL' CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
GRAVEL	1.0	1.0
RED SILTY CLAY	11.0	12.0
TAN SILTY CLAY	8.0	20.0
PWR	5.0	25.0
GRAY ROCK	35.0	60.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-5R BENTONITE SEAL FROM 44.0 TO 48.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☑ Other AUGER

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 60.0 ft. Date Started: 09/12/08 Date Completed: 09/12/08

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 50.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 10.0 FEET
Set Between: 50.0 ft. and 60.0 ft. **NOTE: MULTIPLE SCREENS**
_____ ft. and _____ ft. **USE SECOND SHEET**
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 59.5 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 48.0 ft. to 60.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 44.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JASON MANTAK **CERT. NO.:** 01494
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☑ C ☐ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 09/22/08
Well Driller

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LIL' CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
GRAVEL	1.0	1.0
RED SILTY CLAY	11.0	12.0
TAN SILTY CLAY	8.0	20.0
GRAY ROCK	35.0	55.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-9 BENTONITE SEAL FROM 39.0 TO 43.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☑ Other AUGER

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 09/12/08
55.0 ft. Date Completed: 09/12/08

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 45.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 10.0 FEET
Set Between: 45.0 ft. and 55.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 42.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 43.0 ft. to 55.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 39.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JASON MANTAK **CERT. NO.:** 01494
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A B C D (circle one) ☐ ☑ ☐ ☐
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.
Signed: _____ Well Driller Date: 09/22/08
If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE. PROTECT. PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LIL' CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
GRAVEL	1.0	1.0
RED SILTY CLAY	11.0	12.0
TAN SILTY CLAY	22.0	34.0
PWR	14.0	48.0
GRAY ROCK	4.0	52.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-10 BENTONITE SEAL FROM 38.0 TO 40.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☑ Other AUGER

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 52.0 ft. Date Started: 09/12/08 Date Completed: 09/12/08

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 42.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 10.0 FEET
Set Between: 42.0 ft. and 52.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 44.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 40.0 ft. to 52.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 38.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JASON MANTAK **CERT. NO.:** 01494
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☑ C ☐ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.
Signed: _____ (Well Driller) Date: 09/22/08
If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

Well Development Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

PO Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information	
Terry Project ID	2170B
SCDHEC Permit No.	07303
Project Name	Lil Cricket 339
Client	
City, State	Seneca SC
Date	9-18-08
Field Personnel	Tony Monk
General Weather	Overcast
Ambient Air Temperature	84°

Well Data					
Well ID	MW-5R		CF=0.163 for 2 in well; 0.65 for 4 in. well		
Well Diameter	2	inches	Casing Volume (CV) = LWC*CF		
Total Well Depth	60	decimal feet	1 CV		gals
Depth to Groundwater	59.45	decimal feet	5 CV		gals
Length of Water Column (LWC)		decimal feet	10 CV		gals

Development Data					
Volume (gal)	.3 gallons				
Time	1130				
Turbidity: 1 - 4	3				
Additional Comments:	DRY at .3 gallons				
-overall well condition	Yes				
-well cap, manhole acceptable?	↓				
-cover, pad acceptable?					
-area safe?					

Requirements: When developing by hand, a minimum of 5 casing volumes must be removed. If using pumping/surging method, a minimum of 10 casing volumes must be removed. If well goes dry before achieving required volumes, allow well to recharge and continue development. If time exceeds 60 minutes and the required volumes have not been met, contact the Project Manager for instructions.

Well Development Log

TERRY *Environmental Services*
CLIENTS FIRST ALWAYS

PO Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information	
Terry Project ID	21705
SCDHEC Permit No.	07303
Project Name	Lil Cricket 339
Client	
City, State	Seneca, SC
Date	9-18-08
Field Personnel	Tony Monk
General Weather	Overcast
Ambient Air Temperature	84°

Well Data					
Well ID	MW-9		CF=0.163 for 2 in well; 0.65 for 4 in. well		
Well Diameter		inches	Casing Volume (CV) = LWC*CF		
Total Well Depth	55	decimal feet	1 CV		gals
Depth to Groundwater	41.56	decimal feet	5 CV		gals
Length of Water Column (LWC)		decimal feet	10 CV		gals

Development Data					
Volume (gal)	10.7 gal bng				
Time	1200				
Turbidity: 1 - 4	3				
Additional Comments:					
-overall well condition	yes				
-well cap, manhole acceptable?	↓				
-cover, pad acceptable?					
-area safe?					

Requirements: When developing by hand, a minimum of 5 casing volumes must be removed. If using pumping/surging method, a minimum of 10 casing volumes must be removed. If well goes dry before achieving required volumes, allow well to recharge and continue development. If time exceeds 60 minutes and the required volumes have not been met, contact the Project Manager for instructions.

APPENDIX C

Sampling Logs & Laboratory Data

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170B
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	10-1-08
Field Personnel	Tony Monk
General Weather	Sunny
Ambient Air Temperature	80°

Monitoring Well Information

Well ID	MW-3		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	37-55	ft	
Total Well Depth	57	ft	
Depth to Groundwater	41.28	ft	
Length of Water Column	12.72	ft	
1 Casing Volume (0.163)	2.1	gals	
3 Casing Volumes (0.489)	6.3	gals	57
Total Volume Purged	6.3	gals	

Quality Assurance

pH Meter	Oakton	Conductivity Meter	Oakton
Serial Number		Serial Number	
Calibration Constant		Calibration Constant	
Calibration Constant		Calibration Constant	
Calibration Constant		Calibration Constant	

Additional Comments

Volume (gal)	2.1	4.2	6.3								
Time	935	940	945								
pH (su)	6.06	6.16	6.21								
Spec Conductivity	81.2	78.0	81.6								
Water Temperature	19.9	19.5	19.6								
Turbidity (subjective)	1	1	1								
Dissolved Oxygen (mg/L)	2.80	2.32	2.13								

Additional Comments:

-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	↓
-other comments	

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information	
Terry Project ID	2170B
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	10-1-08
Field Personnel	Tony Mauk
General Weather	Sunny
Ambient Air Temperature	80°

Monitoring Well Information			
Well ID	MW-5R		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	50-(60)	ft	
Total Well Depth	59.70 (60)	ft	
Depth to Groundwater	59.55	ft	
Length of Water Column		ft	
1 Casing Volume (0.163)	/	gals	
3 Casing Volumes (0.489)	/	gals	60
Total Volume Purged		gals	

Quality Assurance

pH Meter	Oakton		Conductivity Meter	Oakton	Volume (gal)						
Serial Number			Serial Number		Time	900					
Calibration Constant			Calibration Constant		pH (su)						
Calibration Constant			Calibration Constant		Spec Conductivity						
Calibration Constant			Calibration Constant		Water Temperature						
					Turbidity (subjective)						
					Dissolved Oxygen (mg/L)						

Additional Comments: Only 1.5 inches of H_2O present, cannot obtain a sample! NO SAMPLES

Additional Comments:	
-overall well condition acceptable?	yes
-well cap acceptable?	↓
-manhole and cover acceptable?	↓
-well pad acceptable?	↓
-area safe?	↓
-other comments	

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information	
Terry Project ID	2170B
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	10-1-08
Field Personnel	Tony Monk
General Weather	Sunny
Ambient Air Temperature	80°

Monitoring Well Information			
Well ID	MW-9		TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Well Diameter	2	in	
Screened Interval	45-55	ft	
Total Well Depth	55	ft	
Depth to Groundwater	40.81	ft	
Length of Water Column	14.19	ft	
1 Casing Volume (0.163)	2.3	gals	
3 Casing Volumes (0.489)	6.9	gals	55
Total Volume Purged	6.9	gals	

Quality Assurance

pH Meter	Oakton		Conductivity Meter	Oakton	
Serial Number			Serial Number		
Calibration Constant			Calibration Constant		
Calibration Constant			Calibration Constant		
Calibration Constant			Calibration Constant		

Additional Comments

Volume (gal)	2.3	4.6	6.9								
Time	1010	1025	1045								
pH (su)	6.38	6.44	6.54								
Spec Conductivity	120.0	123.4	132.4								
Water Temperature	19.7	19.5	20.7								
Turbidity (subjective)	1	1	1								
Dissolved Oxygen (mg/L)	3.09	3.51	4.06								

Additional Comments:

-overall well condition acceptable? Yes
-well cap acceptable?
-manhole and cover acceptable?
-well pad acceptable?
-area safe?
-other comments

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information	
Terry Project ID	2170B
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	10-1-08
Field Personnel	Tony Monk
General Weather	Sunny
Ambient Air Temperature	80°

Monitoring Well Information			
Well ID	MW-10		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	42-52	ft	
Total Well Depth	52	ft	
Depth to Groundwater	43.95	ft	
Length of Water Column		ft	
1 Casing Volume (0.163)	/	gals	
3 Casing Volumes (0.489)	/	gals	52
Total Volume Purged	/	gals	

Quality Assurance

pH Meter	Oakton		Conductivity Meter	Oakton	
Serial Number			Serial Number		
Calibration Constant			Calibration Constant		
Calibration Constant			Calibration Constant		
Calibration Constant			Calibration Constant		

Additional Comments
Product at 43.62! GW at 43.95
NOT SAMPLED

Volume (gal)											
Time	930										
pH (su)	/										
Spec Conductivity	/										
Water Temperature	/										
Turbidity (subjective)	/										
Dissolved Oxygen (mg/L)	/										

Additional Comments:
-overall well condition acceptable? yes
-well cap acceptable?
-manhole and cover acceptable?
-well pad acceptable?
-area safe? ↓
-other comments

ACCESS
ANALYTICAL, INC.

ANALYTICAL REPORT

CLIENT
Terry Environmental
P.O. Box 25
Summerville, SC 29484

ATTENTION
Kelly Cone

PROJECT ID
FORMER LIL CRICKET 339 / 2107B

LABORATORY REPORT NUMBER
208082965

DATE
09/11/2008

Primary Data Review By

Curtis Ekker
Thu Sep 11 16:56:33 2008

Curtis Ekker
Data Validation Manager, GCAL

Secondary Data Review By

Ashley B. Amick
Project Manager, Access Analytical, Inc.
aamick@accessanalyticalinc.com

PLEASE NOTE:

- **Unless otherwise noted, all analysis on this report performed at Gulf Coast Analytical Labs (GCAL), 7979 GSRI Rd. Baton Rouge, LA 70820.**

- **GCAL is SCDHEC certified laboratory # 73006, NCDENR certified lab # 618, GA certified lab # LA-01955, NELAP certified laboratory # 01955**

- Local support services for this project are provided by Access Analytical, Inc.. Access Analytical is a representative of GCAL serving clients in the SC/NC/GA areas. All questions regarding this report should be directed to your local Access Analytical representative at 803.781.4243 or toll free at 888.315.4243.

NELAP CERTIFICATE NUMBER 01955

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

Report Date 09/11/2008

GCAL Report 208082965

Deliver To	Terry Environmental P.O. Box 25 Summerville, SC 29484
Attn	Kelly Cone

Project FORMER LIL CRICKET 339 / 2107B

CASE NARRATIVE

Client: Terry Environmental Services **Report:** 208082965

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

VOLATILES MASS SPECTROMETRY

In the SW-846 8260B analysis for analytical batches 396517, 396536 and 396673, no MS/MSD was performed due to insufficient sample volume. The LCS/LCSD is included for review.

In the SW-846 8260B analysis, sample 20808296505 (SB-5) had to be diluted due to the presence of non-target background. This dilution is reflected in the elevated reporting limits.

In the SW-846 8260B analysis, sample 20808296504 (SB-4) had to be diluted to bracket the concentration of target compounds within the calibration range of the instrument.

SEMI-VOLATILES MASS SPECTROMETRY

In the SW-846 8270C analysis for prep batch 396573, Indeno(1,2,3-cd)pyrene was recovered outside of the established control limits for the LCS and/or LCSD. The LCS/LCSD exhibited RPD failures.

METALS

In the SW-846 6010B analysis, a chemical or physical interference necessitated a dilution for sample 20808296503 (SB-3). This is reflected in the elevated reporting limits.

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND	Indicates the result was Not Detected at the specified RDL
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
00:00	Reported as a time equivalent to 12:00 AM

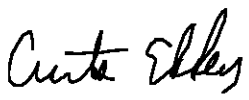
Reporting Flags Utilized in this Report

J	Indicates an estimated value
U	Indicates the compound was analyzed for but not detected
B	(ORGANICS) Indicates the analyte was detected in the associated Method Blank
B	(INORGANICS) Indicates the result is between the RDL and MDL

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with ISO Guide 25 and NELAC, this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.



Curtis Ekker
Thu Sep 11 16:55:52 2008

CURTIS EKKER
DATA VALIDATION MANAGER
GCAL REPORT 208082965

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20808296501	SB-1	Solid	08/27/2008 09:30	08/30/2008 09:49
20808296502	SB-2	Solid	08/27/2008 10:35	08/30/2008 09:49
20808296503	SB-3	Solid	08/27/2008 11:05	08/30/2008 09:49
20808296504	SB-4	Solid	08/27/2008 11:30	08/30/2008 09:49
20808296505	SB-5	Solid	08/27/2008 11:45	08/30/2008 09:49
20808296506	SB-6	Solid	08/27/2008 13:45	08/30/2008 09:49
20808296507	SB-7	Solid	08/27/2008 15:10	08/30/2008 09:49
20808296508	SB-8	Solid	08/27/2008 12:28	08/30/2008 09:49

Summary of Compounds Detected

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20808296501	SB-1	Solid	08/27/2008 09:30	08/30/2008 09:49

SW-846 6010B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7439-92-1	Lead	6.66	0.72		mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20808296502	SB-2	Solid	08/27/2008 10:35	08/30/2008 09:49

SW-846 6010B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7439-92-1	Lead	14.4	0.69		mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20808296503	SB-3	Solid	08/27/2008 11:05	08/30/2008 09:49

SW-846 6010B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7439-92-1	Lead	85.5	1.45		mg/kg

SW-846 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
71-43-2	Benzene	9.59	6.07		ug/Kg
1330-20-7	Xylene (total)	19.4	12.1		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20808296504	SB-4	Solid	08/27/2008 11:30	08/30/2008 09:49

SW-846 8015B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
GCSV-00-4	Diesel Range Organics	84500	5460		ug/Kg

SW-846 8270C

CAS#	Parameter	Result	RDL	REG LIMIT	Units
86-73-7	Fluorene	30.9J	452		ug/Kg
91-20-3	Naphthalene	1580	452		ug/Kg
85-01-8	Phenanthrene	40.0J	452		ug/Kg
129-00-0	Pyrene	13.7J	452		ug/Kg

SW-846 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
100-41-4	Ethylbenzene	313	253		ug/Kg

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20808296504	SB-4	Solid	08/27/2008 11:30	08/30/2008 09:49

SW-846 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
1330-20-7	Xylene (total)	480J	506		ug/Kg
91-20-3	Naphthalene	1760	253		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	522	253		ug/Kg

SW-846 6010B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7439-92-1	Lead	19.3	0.82		mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20808296505	SB-5	Solid	08/27/2008 11:45	08/30/2008 09:49

SW-846 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
91-20-3	Naphthalene	52.3J	233		ug/Kg

SW-846 6010B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7439-92-1	Lead	22.1	0.76		mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20808296506	SB-6	Solid	08/27/2008 13:45	08/30/2008 09:49

SW-846 6010B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7439-92-1	Lead	30.7	0.75		mg/kg

SW-846 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
108-88-3	Toluene	4.16J	4.50		ug/Kg
1330-20-7	Xylene (total)	2.46J	9.01		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20808296507	SB-7	Solid	08/27/2008 15:10	08/30/2008 09:49

SW-846 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
1634-04-4	tert-Butyl methyl ether (MTBE)	28.2	5.71		ug/Kg

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20808296507	**SB-7**	Solid	08/27/2008 15:10	08/30/2008 09:49

SW-846 6010B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7439-92-1	Lead	14.0	0.74		mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20808296508	**SB-8**	Solid	08/27/2008 12:28	08/30/2008 09:49

SW-846 9060 TOC

CAS#	Parameter	Result	RDL	REG LIMIT	Units
C-012	Total Organic Carbon	473	200		mg/kg

SW-846 8270C

CAS#	Parameter	Result	RDL	REG LIMIT	Units
206-44-0	Fluoranthene	8.12J	384		ug/Kg
129-00-0	Pyrene	12.2J	384		ug/Kg

SW-846 6010B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7439-92-1	Lead	16.0	0.70		mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20808296501	**SB-1**	Solid	08/27/2008 09:30	08/30/2008 09:49

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	09/07/2008 08:31	CLH	396517

CAS#	Parameter	Result	RDL	REG LIMIT	Units
71-43-2	Benzene	<3.93	3.93		ug/Kg
108-88-3	Toluene	<3.93	3.93		ug/Kg
100-41-4	Ethylbenzene	<3.93	3.93		ug/Kg
1330-20-7	Xylene (total)	<7.86	7.86		ug/Kg
91-20-3	Naphthalene	<3.93	3.93		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	<3.93	3.93		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	32.8	31.7	ug/Kg	97	62 - 127
1868-53-7	Dibromofluoromethane	32.8	31.7	ug/Kg	97	65 - 130
2037-26-5	Toluene d8	32.8	31.5	ug/Kg	96	71 - 132
17060-07-0	1,2-Dichloroethane-d4	32.8	34.1	ug/Kg	104	62 - 125

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
09/08/2008 14:00	396573	3550B	1	09/09/2008 12:41	RLY	396608

CAS#	Parameter	Result	RDL	REG LIMIT	Units
83-32-9	Acenaphthene	<396	396		ug/Kg
208-96-8	Acenaphthylene	<396	396		ug/Kg
120-12-7	Anthracene	<396	396		ug/Kg
56-55-3	Benzo(a)anthracene	<396	396		ug/Kg
50-32-8	Benzo(a)pyrene	<396	396		ug/Kg
205-99-2	Benzo(b)fluoranthene	<396	396		ug/Kg
191-24-2	Benzo(g,h,i)perylene	<396	396		ug/Kg
207-08-9	Benzo(k)fluoranthene	<396	396		ug/Kg
218-01-9	Chrysene	<396	396		ug/Kg
53-70-3	Dibenz(a,h)anthracene	<396	396		ug/Kg
206-44-0	Fluoranthene	<396	396		ug/Kg
86-73-7	Fluorene	<396	396		ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	<396	396		ug/Kg
91-20-3	Naphthalene	<396	396		ug/Kg
85-01-8	Phenanthrene	<396	396		ug/Kg
129-00-0	Pyrene	<396	396		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	1670	1010	ug/Kg	61	46 - 123
321-60-8	2-Fluorobiphenyl	1670	1030	ug/Kg	62	47 - 127
1718-51-0	Terphenyl-d14	1670	1530	ug/Kg	92	38 - 167

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20808296501	**SB-1**	Solid	08/27/2008 09:30	08/30/2008 09:49

SW-846 6010B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
09/05/2008 08:00	396360	SW-846 3050B	1	09/06/2008 11:14	DJH	396486

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7439-92-1	Lead	6.66	0.72		mg/kg

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20808296502	**SB-2**	Solid	08/27/2008 10:35	08/30/2008 09:49

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	09/07/2008 08:55	CLH	396517

CAS#	Parameter	Result	RDL	REG LIMIT	Units
71-43-2	Benzene	<4.38	4.38		ug/Kg
108-88-3	Toluene	<4.38	4.38		ug/Kg
100-41-4	Ethylbenzene	<4.38	4.38		ug/Kg
1330-20-7	Xylene (total)	<8.76	8.76		ug/Kg
91-20-3	Naphthalene	<4.38	4.38		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	<4.38	4.38		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	38.1	37.2	ug/Kg	98	62 - 127
1868-53-7	Dibromofluoromethane	38.1	37.3	ug/Kg	98	65 - 130
2037-26-5	Toluene d8	38.1	37.1	ug/Kg	97	71 - 132
17060-07-0	1,2-Dichloroethane-d4	38.1	41.2	ug/Kg	108	62 - 125

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
08/30/2008 11:00	396355	3550B	1	09/05/2008 17:11	KCB	396488

CAS#	Parameter	Result	RDL	REG LIMIT	Units
83-32-9	Acenaphthene	<375	375		ug/Kg
208-96-8	Acenaphthylene	<375	375		ug/Kg
120-12-7	Anthracene	<375	375		ug/Kg
56-55-3	Benzo(a)anthracene	<375	375		ug/Kg
50-32-8	Benzo(a)pyrene	<375	375		ug/Kg
205-99-2	Benzo(b)fluoranthene	<375	375		ug/Kg
191-24-2	Benzo(g,h,i)perylene	<375	375		ug/Kg
207-08-9	Benzo(k)fluoranthene	<375	375		ug/Kg
218-01-9	Chrysene	<375	375		ug/Kg
53-70-3	Dibenz(a,h)anthracene	<375	375		ug/Kg
206-44-0	Fluoranthene	<375	375		ug/Kg
86-73-7	Fluorene	<375	375		ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	<375	375		ug/Kg
91-20-3	Naphthalene	<375	375		ug/Kg
85-01-8	Phenanthrene	<375	375		ug/Kg
129-00-0	Pyrene	<375	375		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	1650	1260	ug/Kg	76	46 - 123
321-60-8	2-Fluorobiphenyl	1650	1220	ug/Kg	74	47 - 127
1718-51-0	Terphenyl-d14	1650	1580	ug/Kg	96	38 - 167

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20808296502	**SB-2**	Solid	08/27/2008 10:35	08/30/2008 09:49

SW-846 6010B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
09/05/2008 08:00	396360	SW-846 3050B	1	09/06/2008 12:10	DJH	396486

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7439-92-1	Lead	14.4	0.69		mg/kg

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20808296503	SB-3	Solid	08/27/2008 11:05	08/30/2008 09:49

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	09/07/2008 09:19	CLH	396517

CAS#	Parameter	Result	RDL	REG LIMIT	Units
71-43-2	**Benzene**	**9.59**	**6.07**		**ug/Kg**
108-88-3	Toluene	<6.07	6.07		ug/Kg
100-41-4	Ethylbenzene	<6.07	6.07		ug/Kg
1330-20-7	**Xylene (total)**	**19.4**	**12.1**		**ug/Kg**
91-20-3	Naphthalene	<6.07	6.07		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	<6.07	6.07		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	49.7	48	ug/Kg	97	62 - 127
1868-53-7	Dibromofluoromethane	49.7	49.5	ug/Kg	100	65 - 130
2037-26-5	Toluene d8	49.7	48.2	ug/Kg	97	71 - 132
17060-07-0	1,2-Dichloroethane-d4	49.7	56.2	ug/Kg	113	62 - 125

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
08/30/2008 11:00	396355	3550B	1	09/05/2008 17:26	KCB	396488

CAS#	Parameter	Result	RDL	REG LIMIT	Units
83-32-9	Acenaphthene	<399	399		ug/Kg
208-96-8	Acenaphthylene	<399	399		ug/Kg
120-12-7	Anthracene	<399	399		ug/Kg
56-55-3	Benzo(a)anthracene	<399	399		ug/Kg
50-32-8	Benzo(a)pyrene	<399	399		ug/Kg
205-99-2	Benzo(b)fluoranthene	<399	399		ug/Kg
191-24-2	Benzo(g,h,i)perylene	<399	399		ug/Kg
207-08-9	Benzo(k)fluoranthene	<399	399		ug/Kg
218-01-9	Chrysene	<399	399		ug/Kg
53-70-3	Dibenz(a,h)anthracene	<399	399		ug/Kg
206-44-0	Fluoranthene	<399	399		ug/Kg
86-73-7	Fluorene	<399	399		ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	<399	399		ug/Kg
91-20-3	Naphthalene	<399	399		ug/Kg
85-01-8	Phenanthrene	<399	399		ug/Kg
129-00-0	Pyrene	<399	399		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	1650	1350	ug/Kg	82	46 - 123
321-60-8	2-Fluorobiphenyl	1650	1310	ug/Kg	79	47 - 127
1718-51-0	Terphenyl-d14	1650	1610	ug/Kg	98	38 - 167

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20808296503	**SB-3**	Solid	08/27/2008 11:05	08/30/2008 09:49

SW-846 6010B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
09/05/2008 08:00	396360	SW-846 3050B	2	09/06/2008 13:00	DJH	396486

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7439-92-1	Lead	85.5	1.45		mg/kg

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20808296504	**SB-4**	Solid	08/27/2008 11:30	08/30/2008 09:49

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	09/09/2008 15:02	AGC	396536

CAS#	Parameter	Result	RDL	REG LIMIT	Units
71-43-2	Benzene	<253	253		ug/Kg
108-88-3	Toluene	<253	253		ug/Kg
100-41-4	**Ethylbenzene**	**313**	**253**		**ug/Kg**
1330-20-7	**Xylene (total)**	**480J**	**506**		**ug/Kg**
91-20-3	**Naphthalene**	**1760**	**253**		**ug/Kg**
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**522**	**253**		**ug/Kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	1840	1940	ug/Kg	105	62 - 127
1868-53-7	Dibromofluoromethane	1840	1880	ug/Kg	102	65 - 130
2037-26-5	Toluene d8	1840	1790	ug/Kg	97	71 - 132
17060-07-0	1,2-Dichloroethane-d4	1840	1690	ug/Kg	92	62 - 125

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
08/30/2008 11:00	396355	3550B	1	09/05/2008 17:42	KCB	396488

CAS#	Parameter	Result	RDL	REG LIMIT	Units
83-32-9	Acenaphthene	<452	452		ug/Kg
208-96-8	Acenaphthylene	<452	452		ug/Kg
120-12-7	Anthracene	<452	452		ug/Kg
56-55-3	Benzo(a)anthracene	<452	452		ug/Kg
50-32-8	Benzo(a)pyrene	<452	452		ug/Kg
205-99-2	Benzo(b)fluoranthene	<452	452		ug/Kg
191-24-2	Benzo(g,h,i)perylene	<452	452		ug/Kg
207-08-9	Benzo(k)fluoranthene	<452	452		ug/Kg
218-01-9	Chrysene	<452	452		ug/Kg
53-70-3	Dibenz(a,h)anthracene	<452	452		ug/Kg
206-44-0	Fluoranthene	<452	452		ug/Kg
86-73-7	**Fluorene**	**30.9J**	**452**		**ug/Kg**
193-39-5	Indeno(1,2,3-cd)pyrene	<452	452		ug/Kg
91-20-3	**Naphthalene**	**1580**	**452**		**ug/Kg**
85-01-8	**Phenanthrene**	**40.0J**	**452**		**ug/Kg**
129-00-0	**Pyrene**	**13.7J**	**452**		**ug/Kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	1660	1190	ug/Kg	72	46 - 123
321-60-8	2-Fluorobiphenyl	1660	1340	ug/Kg	81	47 - 127
1718-51-0	Terphenyl-d14	1660	1460	ug/Kg	88	38 - 167

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
08/30/2008 11:00	396359	3550B	1	09/08/2008 12:16	SMH	396576

CAS#	Parameter	Result	RDL	REG LIMIT	Units
GCSV-00-4	**Diesel Range Organics**	**84500**	**5460**		**ug/Kg**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20808296504	**SB-4**	Solid	08/27/2008 11:30	08/30/2008 09:49

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
08/30/2008 11:00	396359	3550B	1	09/08/2008 12:16	SMH	396576

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	1660	1420	ug/Kg	86	27 - 129

SW-846 6010B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
09/05/2008 08:00	396360	SW-846 3050B	1	09/06/2008 12:22	DJH	396486

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7439-92-1	**Lead**	**19.3**	**0.82**		**mg/kg**

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20808296505	**SB-5**	Solid	08/27/2008 11:45	08/30/2008 09:49

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	09/10/2008 09:55	WAS	396673

CAS#	Parameter	Result	RDL	REG LIMIT	Units
71-43-2	Benzene	<233	233		ug/Kg
108-88-3	Toluene	<233	233		ug/Kg
100-41-4	Ethylbenzene	<233	233		ug/Kg
1330-20-7	Xylene (total)	<466	466		ug/Kg
91-20-3	**Naphthalene**	**52.3J**	**233**		**ug/Kg**
1634-04-4	tert-Butyl methyl ether (MTBE)	<233	233		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	1840	1920	ug/Kg	105	62 - 127
1868-53-7	Dibromofluoromethane	1840	1690	ug/Kg	92	65 - 130
2037-26-5	Toluene d8	1840	1720	ug/Kg	94	71 - 132
17060-07-0	1,2-Dichloroethane-d4	1840	1740	ug/Kg	95	62 - 125

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
08/30/2008 11:00	396355	3550B	1	09/05/2008 17:57	KCB	396488

CAS#	Parameter	Result	RDL	REG LIMIT	Units
83-32-9	Acenaphthene	<415	415		ug/Kg
208-96-8	Acenaphthylene	<415	415		ug/Kg
120-12-7	Anthracene	<415	415		ug/Kg
56-55-3	Benzo(a)anthracene	<415	415		ug/Kg
50-32-8	Benzo(a)pyrene	<415	415		ug/Kg
205-99-2	Benzo(b)fluoranthene	<415	415		ug/Kg
191-24-2	Benzo(g,h,i)perylene	<415	415		ug/Kg
207-08-9	Benzo(k)fluoranthene	<415	415		ug/Kg
218-01-9	Chrysene	<415	415		ug/Kg
53-70-3	Dibenz(a,h)anthracene	<415	415		ug/Kg
206-44-0	Fluoranthene	<415	415		ug/Kg
86-73-7	Fluorene	<415	415		ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	<415	415		ug/Kg
91-20-3	Naphthalene	<415	415		ug/Kg
85-01-8	Phenanthrene	<415	415		ug/Kg
129-00-0	Pyrene	<415	415		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	1650	1230	ug/Kg	75	46 - 123
321-60-8	2-Fluorobiphenyl	1650	1170	ug/Kg	71	47 - 127
1718-51-0	Terphenyl-d14	1650	1420	ug/Kg	86	38 - 167

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20808296505	**SB-5**	Solid	08/27/2008 11:45	08/30/2008 09:49

SW-846 6010B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
09/05/2008 08:00	396360	SW-846 3050B	1	09/06/2008 12:28	DJH	396486

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7439-92-1	Lead	22.1	0.76		mg/kg

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20808296506	**SB-6**	Solid	08/27/2008 13:45	08/30/2008 09:49

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	09/07/2008 09:43	CLH	396517

CAS#	Parameter	Result	RDL	REG LIMIT	Units
71-43-2	Benzene	<4.50	4.50		ug/Kg
108-88-3	**Toluene**	**4.16J**	**4.50**		**ug/Kg**
100-41-4	Ethylbenzene	<4.50	4.50		ug/Kg
1330-20-7	**Xylene (total)**	**2.46J**	**9.01**		**ug/Kg**
91-20-3	Naphthalene	<4.50	4.50		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	<4.50	4.50		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	36.1	36.8	ug/Kg	102	62 - 127
1868-53-7	Dibromofluoromethane	36.1	36.1	ug/Kg	100	65 - 130
2037-26-5	Toluene d8	36.1	35.7	ug/Kg	99	71 - 132
17060-07-0	1,2-Dichloroethane-d4	36.1	39.4	ug/Kg	109	62 - 125

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
08/30/2008 11:00	396355	3550B	1	09/05/2008 18:12	KCB	396488

CAS#	Parameter	Result	RDL	REG LIMIT	Units
83-32-9	Acenaphthene	<407	407		ug/Kg
208-96-8	Acenaphthylene	<407	407		ug/Kg
120-12-7	Anthracene	<407	407		ug/Kg
56-55-3	Benzo(a)anthracene	<407	407		ug/Kg
50-32-8	Benzo(a)pyrene	<407	407		ug/Kg
205-99-2	Benzo(b)fluoranthene	<407	407		ug/Kg
191-24-2	Benzo(g,h,i)perylene	<407	407		ug/Kg
207-08-9	Benzo(k)fluoranthene	<407	407		ug/Kg
218-01-9	Chrysene	<407	407		ug/Kg
53-70-3	Dibenz(a,h)anthracene	<407	407		ug/Kg
206-44-0	Fluoranthene	<407	407		ug/Kg
86-73-7	Fluorene	<407	407		ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	<407	407		ug/Kg
91-20-3	Naphthalene	<407	407		ug/Kg
85-01-8	Phenanthrene	<407	407		ug/Kg
129-00-0	Pyrene	<407	407		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	1650	1330	ug/Kg	81	46 - 123
321-60-8	2-Fluorobiphenyl	1650	1280	ug/Kg	78	47 - 127
1718-51-0	Terphenyl-d14	1650	1570	ug/Kg	95	38 - 167

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20808296506	**SB-6**	Solid	08/27/2008 13:45	08/30/2008 09:49

SW-846 6010B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
09/05/2008 08:00	396360	SW-846 3050B	1	09/06/2008 12:35	DJH	396486

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7439-92-1	Lead	30.7	0.75		mg/kg

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20808296507	**SB-7**	Solid	08/27/2008 15:10	08/30/2008 09:49

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	09/07/2008 12:11	CLH	396517

CAS#	Parameter	Result	RDL	REG LIMIT	Units
71-43-2	Benzene	<5.71	5.71		ug/Kg
108-88-3	Toluene	<5.71	5.71		ug/Kg
100-41-4	Ethylbenzene	<5.71	5.71		ug/Kg
1330-20-7	Xylene (total)	<11.4	11.4		ug/Kg
91-20-3	Naphthalene	<5.71	5.71		ug/Kg
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**28.2**	**5.71**		**ug/Kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	45.7	47.8	ug/Kg	105	62 - 127
1868-53-7	Dibromofluoromethane	45.7	46	ug/Kg	101	65 - 130
2037-26-5	Toluene d8	45.7	44.5	ug/Kg	97	71 - 132
17060-07-0	1,2-Dichloroethane-d4	45.7	49.4	ug/Kg	108	62 - 125

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
08/30/2008 11:00	396355	3550B	1	09/05/2008 18:27	KCB	396488

CAS#	Parameter	Result	RDL	REG LIMIT	Units
83-32-9	Acenaphthene	<411	411		ug/Kg
208-96-8	Acenaphthylene	<411	411		ug/Kg
120-12-7	Anthracene	<411	411		ug/Kg
56-55-3	Benzo(a)anthracene	<411	411		ug/Kg
50-32-8	Benzo(a)pyrene	<411	411		ug/Kg
205-99-2	Benzo(b)fluoranthene	<411	411		ug/Kg
191-24-2	Benzo(g,h,i)perylene	<411	411		ug/Kg
207-08-9	Benzo(k)fluoranthene	<411	411		ug/Kg
218-01-9	Chrysene	<411	411		ug/Kg
53-70-3	Dibenz(a,h)anthracene	<411	411		ug/Kg
206-44-0	Fluoranthene	<411	411		ug/Kg
86-73-7	Fluorene	<411	411		ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	<411	411		ug/Kg
91-20-3	Naphthalene	<411	411		ug/Kg
85-01-8	Phenanthrene	<411	411		ug/Kg
129-00-0	Pyrene	<411	411		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	1660	1230	ug/Kg	74	46 - 123
321-60-8	2-Fluorobiphenyl	1660	1080	ug/Kg	65	47 - 127
1718-51-0	Terphenyl-d14	1660	1240	ug/Kg	75	38 - 167

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20808296507	**SB-7**	Solid	08/27/2008 15:10	08/30/2008 09:49

SW-846 6010B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
09/05/2008 08:00	396360	SW-846 3050B	1	09/06/2008 12:41	DJH	396486

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7439-92-1	Lead	14.0	0.74		mg/kg

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20808296508	**SB-8**	Solid	08/27/2008 12:28	08/30/2008 09:49

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	09/07/2008 12:36	CLH	396517

CAS#	Parameter	Result	RDL	REG LIMIT	Units
71-43-2	Benzene	<4.03	4.03		ug/Kg
108-88-3	Toluene	<4.03	4.03		ug/Kg
100-41-4	Ethylbenzene	<4.03	4.03		ug/Kg
1330-20-7	Xylene (total)	<8.07	8.07		ug/Kg
91-20-3	Naphthalene	<4.03	4.03		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	<4.03	4.03		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	34.1	33.3	ug/Kg	98	62 - 127
1868-53-7	Dibromofluoromethane	34.1	34.3	ug/Kg	101	65 - 130
2037-26-5	Toluene d8	34.1	33.8	ug/Kg	99	71 - 132
17060-07-0	1,2-Dichloroethane-d4	34.1	36.4	ug/Kg	107	62 - 125

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
08/30/2008 11:00	396355	3550B	1	09/05/2008 18:42	KCB	396488

CAS#	Parameter	Result	RDL	REG LIMIT	Units
83-32-9	Acenaphthene	<384	384		ug/Kg
208-96-8	Acenaphthylene	<384	384		ug/Kg
120-12-7	Anthracene	<384	384		ug/Kg
56-55-3	Benzo(a)anthracene	<384	384		ug/Kg
50-32-8	Benzo(a)pyrene	<384	384		ug/Kg
205-99-2	Benzo(b)fluoranthene	<384	384		ug/Kg
191-24-2	Benzo(g,h,i)perylene	<384	384		ug/Kg
207-08-9	Benzo(k)fluoranthene	<384	384		ug/Kg
218-01-9	Chrysene	<384	384		ug/Kg
53-70-3	Dibenz(a,h)anthracene	<384	384		ug/Kg
206-44-0	**Fluoranthene**	**8.12J**	**384**		**ug/Kg**
86-73-7	Fluorene	<384	384		ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	<384	384		ug/Kg
91-20-3	Naphthalene	<384	384		ug/Kg
85-01-8	Phenanthrene	<384	384		ug/Kg
129-00-0	**Pyrene**	**12.2J**	**384**		**ug/Kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	1640	1380	ug/Kg	84	46 - 123
321-60-8	2-Fluorobiphenyl	1640	1320	ug/Kg	81	47 - 127
1718-51-0	Terphenyl-d14	1640	1800	ug/Kg	110	38 - 167

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20808296508	**SB-8**	Solid	08/27/2008 12:28	08/30/2008 09:49

SW-846 6010B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
09/05/2008 08:00	396360	SW-846 3050B	1	09/06/2008 12:48	DJH	396486

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7439-92-1	**Lead**	**16.0**	**0.70**		**mg/kg**

SW-846 9060 TOC

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	09/11/2008 09:52	AEL	396718

CAS#	Parameter	Result	RDL	REG LIMIT	Units
C-012	**Total Organic Carbon**	**473**	**200**		**mg/kg**

RESULTS REPORTED ON A DRY WEIGHT BASIS

GC/MS Volatiles Quality Control Summary

Analytical Batch	396517	Client ID	MB396517			LCS396517			LCSD396517			
Prep Batch	N/A	GCAL ID	643953			643954			643955			
		Sample Type	Method Blank			LCS			LCSD			
		Analytical Date	09/07/2008 03:18			09/07/2008 02:07			09/07/2008 02:31			
		Matrix	Solid			Solid			Solid			
SW-846 8260B		Units	ug/Kg	Spike Added	Result	Result	% R	Control Limits % R	Result	% R	RPD	RPD Limit
100-41-4	Ethylbenzene		<5.00	5.00	50.0	52.2	104	80 - 120	54.0	108	3	30
1634-04-4	tert-Butyl methyl ether (MTBE)		<5.00	5.00	50.0	53.1	106	71 - 130	54.9	110	3	30
1330-20-7	Xylene (total)		<10.0	10.0	150	163	109	80 - 120	167	111	2	30
91-20-3	Naphthalene		2.33J	5.00	50.0	62.4	125	62 - 146	62.2	124	0.3	30
71-43-2	Benzene		<5.00	5.00	50.0	54.6	109	80 - 120	57.4	115	5	21
108-88-3	Toluene		<5.00	5.00	50.0	54.1	108	80 - 120	56.2	112	4	21
Surrogate												
460-00-4	4-Bromofluorobenzene		48.7	97	50	51.9	104	62 - 127	50.3	101		
1868-53-7	Dibromofluoromethane		49.1	98	50	51.1	102	65 - 130	51.4	103		
2037-26-5	Toluene d8		50.3	101	50	50.4	101	71 - 132	50	100		
17060-07-0	1,2-Dichloroethane-d4		49	98	50	49.1	98	62 - 125	50.3	101		

Analytical Batch	396536	Client ID	MB396536			LCS396536			LCSD396536			
Prep Batch	N/A	GCAL ID	643985			643986			643987			
		Sample Type	Method Blank			LCS			LCSD			
		Analytical Date	09/09/2008 09:05			09/09/2008 07:56			09/09/2008 08:18			
		Matrix	Solid			Solid			Solid			
SW-846 8260B		Units	ug/Kg	Spike Added	Result	Result	% R	Control Limits % R	Result	% R	RPD	RPD Limit
100-41-4	Ethylbenzene		<250	250	2500	2800	112	80 - 120	2900	116	4	30
1634-04-4	tert-Butyl methyl ether (MTBE)		<250	250	2500	2650	106	71 - 130	2730	109	3	30
1330-20-7	Xylene (total)		<500	500	5000	5470	109	80 - 120	5710	114	4	30
91-20-3	Naphthalene		<250	250	2500	2140	86	62 - 146	2180	87	2	30
71-43-2	Benzene		<250	250	2500	2660	106	80 - 120	2680	107	0.7	21
108-88-3	Toluene		<250	250	2500	2800	112	80 - 120	2990	120	7	21
Surrogate												
460-00-4	4-Bromofluorobenzene		2310	92	2500	2850	114	62 - 127	2870	115		
1868-53-7	Dibromofluoromethane		2620	105	2500	2580	103	65 - 130	2570	103		
2037-26-5	Toluene d8		2790	112	2500	2690	108	71 - 132	2790	112		
17060-07-0	1,2-Dichloroethane-d4		2500	100	2500	2590	104	62 - 125	2500	100		

GC/MS Volatiles Quality Control Summary

Analytical Batch	396673	Client ID	MB396673			LCS396673			LCSD396673			
Prep Batch	N/A	GCAL ID	644675			644676			644677			
		Sample Type	Method Blank			LCS			LCSD			
		Analytical Date	09/10/2008 09:25			09/10/2008 08:17			09/10/2008 08:40			
		Matrix	Solid			Solid			Solid			
SW-846 8260B		Units	ug/Kg	Spike Added	Result	Result	% R	Control Limits % R	Result	% R	RPD	RPD Limit
100-41-4	Ethylbenzene		<250	250	2500	2570	103	80 - 120	2440	98	5	30
1634-04-4	tert-Butyl methyl ether (MTBE)		<250	250	2500	2290	92	71 - 130	2400	96	5	30
1330-20-7	Xylene (total)		<500	500	7500	8020	107	80 - 120	7640	102	5	30
91-20-3	Naphthalene		<250	250	2500	2760	110	62 - 146	2930	117	6	30
71-43-2	Benzene		<250	250	2500	2400	96	80 - 120	2380	95	0.8	21
108-88-3	Toluene		<250	250	2500	2470	99	80 - 120	2340	94	5	21
Surrogate												
460-00-4	4-Bromofluorobenzene		2350	94	2500	2690	108	62 - 127	2500	100		
1868-53-7	Dibromofluoromethane		2350	94	2500	2420	97	65 - 130	2450	98		
2037-26-5	Toluene d8		2470	99	2500	2490	100	71 - 132	2400	96		
17060-07-0	1,2-Dichloroethane-d4		2350	94	2500	2360	94	62 - 125	2480	99		

Analytical Batch	396673	Client ID	L261895-27			644500MS			644500MSD			
Prep Batch	N/A	GCAL ID	20809096405			645009			645010			
		Sample Type	SAMPLE			MS			MSD			
		Analytical Date	09/10/2008 15:18			09/10/2008 16:25			09/10/2008 16:50			
		Matrix	Solid			Solid			Solid			
SW-846 8260B		Units	ug/Kg	Spike Added	Result	Result	% R	Control Limits % R	Result	% R	RPD	RPD Limit
100-41-4	Ethylbenzene		0.00	119	1190	1200	101	80 - 120	1150	97	4	30
1634-04-4	tert-Butyl methyl ether (MTBE)		0.00	119	1190	1050	89	71 - 130	1090	92	4	30
1330-20-7	Xylene (total)		0.00	237	3560	3730	105	80 - 120	3720	105	0.3	30
91-20-3	Naphthalene		74.8	119	1190	1400	112	62 - 146	1520	122	8	30
71-43-2	Benzene		0.00	119	1190	1150	97	80 - 120	1140	96	0.9	21
108-88-3	Toluene		0.00	119	1190	1110	94	80 - 120	1130	95	2	21
Surrogate												
460-00-4	4-Bromofluorobenzene				1190	1180	99	62 - 127	1220	103		
1868-53-7	Dibromofluoromethane				1190	1120	94	65 - 130	1120	94		
2037-26-5	Toluene d8				1190	1130	95	71 - 132	1170	99		
17060-07-0	1,2-Dichloroethane-d4				1190	1110	94	62 - 125	1140	96		

GC/MS Semi-Volatiles Quality Control Summary

Analytical Batch 396488	**Client ID**	MB396355		LCS396355
Prep Batch 396355	**GCAL ID**	643209		643210
Prep Method 3550B	**Sample Type**	Method Blank		LCS
	Prep Date	08/30/2008 08:00		08/30/2008 08:00
	Analytical Date	09/09/2008 14:02		09/05/2008 15:56
	Matrix	Solid		Solid

SW-846 8270C		**Units**	ug/Kg				
		Result		**Spike Added**	**Result**	**% R**	**Control Limits % R**
208-96-8	Acenaphthylene	<330	330	3330	3350	101	57 - 120
120-12-7	Anthracene	<330	330	3330	2830	85	60 - 120
56-55-3	Benzo(a)anthracene	<330	330	3330	2730	82	60 - 120
205-99-2	Benzo(b)fluoranthene	<330	330	3330	2760	83	56 - 120
207-08-9	Benzo(k)fluoranthene	<330	330	3330	2680	80	55 - 120
191-24-2	Benzo(g,h,i)perylene	<330	330	3330	2000	60	46 - 128
50-32-8	Benzo(a)pyrene	<330	330	3330	2620	79	62 - 120
218-01-9	Chrysene	<330	330	3270	2550	78	61 - 120
53-70-3	Dibenz(a,h)anthracene	<330	330	3330	2080	62	50 - 135
206-44-0	Fluoranthene	<330	330	3330	2590	78	54 - 120
86-73-7	Fluorene	<330	330	3330	2530	76	54 - 120
193-39-5	Indeno(1,2,3-cd)pyrene	<330	330	3330	1800	54	43 - 132
91-57-6	2-Methylnaphthalene	<330	330	3330	2360	71	53 - 120
91-20-3	Naphthalene	<330	330	3330	2590	78	53 - 120
85-01-8	Phenanthrene	<330	330	3330	2650	80	59 - 120
90-12-0	1-Methylnaphthalene	<330	330	3330	2260	68	52 - 120
83-32-9	Acenaphthene	<330	330	3330	3050	92	41 - 120
129-00-0	Pyrene	<330	330	3330	3000	90	39 - 135
Surrogate							
4165-60-0	Nitrobenzene-d5	1230	74	1670	1360	82	46 - 123
321-60-8	2-Fluorobiphenyl	1210	73	1670	1370	82	47 - 127
1718-51-0	Terphenyl-d14	1790	107	1670	1400	84	38 - 167

GC/MS Semi-Volatiles Quality Control Summary

Analytical Batch	396608	**Client ID**	MB396573		LCS396573				LCSD396573		
Prep Batch	396573	**GCAL ID**	644108		644109				644110		
Prep Method	3550B	**Sample Type**	Method Blank		LCS				LCSD		
		Prep Date	09/08/2008 14:00		09/08/2008 14:00				09/08/2008 14:00		
		Analytical Date	09/09/2008 11:40		09/09/2008 11:55				09/09/2008 12:10		
		Matrix	Solid		Solid				Solid		
SW-846 8270C		**Units**	ug/Kg	**Spike Added**	**Result**	**Result**	**% R**	**Control Limits**	**Result**	**% R**	**RPD**	**RPD Limit**
208-96-8	Acenaphthylene	<330	330	3330	3100	93	57 - 120		2970	89	4	18
120-12-7	Anthracene	<330	330	3330	2490	75	60 - 120		2440	73	2	19
56-55-3	Benzo(a)anthracene	<330	330	3330	2520	76	60 - 120		2380	71	6	19
205-99-2	Benzo(b)fluoranthene	<330	330	3330	2370	71	56 - 120		3070	92	26*	24
207-08-9	Benzo(k)fluoranthene	<330	330	3330	2730	82	55 - 120		2400	72	13	31
191-24-2	Benzo(g,h,i)perylene	<330	330	3330	2130	64	46 - 128		1780	53	18	19
50-32-8	Benzo(a)pyrene	<330	330	3330	2480	74	62 - 120		2550	77	3	16
218-01-9	Chrysene	<330	330	3270	2390	73	61 - 120		2420	74	1	19
53-70-3	Dibenz(a,h)anthracene	<330	330	3330	1830	55	50 - 135		1790	54	2	23
206-44-0	Fluoranthene	<330	330	3330	2010	60	54 - 120		2060	62	2	20
86-73-7	Fluorene	<330	330	3330	2210	66	54 - 120		2160	65	2	16
193-39-5	Indeno(1,2,3-cd)pyrene	<330	330	3330	2000	60	43 - 132		1270	38*	45*	33
91-57-6	2-Methylnaphthalene	<330	330	3330	2020	61	53 - 120		2650	80	27*	18
91-20-3	Naphthalene	<330	330	3330	2220	67	53 - 120		2160	65	3	18
85-01-8	Phenanthrene	<330	330	3330	2430	73	59 - 120		2460	74	1	18
90-12-0	1-Methylnaphthalene	<330	330	3330	2100	63	52 - 120		2110	63	0.5	50
83-32-9	Acenaphthene	<330	330	3330	2790	84	41 - 120		2680	80	4	19
129-00-0	Pyrene	<330	330	3330	3170	95	39 - 135		3010	90	5	26
Surrogate												
4165-60-0	Nitrobenzene-d5	1270	76	1670	1210	73	46 - 123		1340	80		
321-60-8	2-Fluorobiphenyl	1240	74	1670	1320	79	47 - 127		1420	85		
1718-51-0	Terphenyl-d14	1610	97	1670	1560	94	38 - 167		1650	99		

General Chromatography Quality Control Summary

Analytical Batch	396576	**Client ID**	MB396359			LCS396359			LCSD396359			
Prep Batch	396359	**GCAL ID**	643220			643221			643222			
Prep Method	3550B	**Sample Type**	Method Blank			LCS			LCSD			
		Prep Date	08/30/2008 11:00			08/30/2008 11:00			08/30/2008 11:00			
		Analytical Date	09/08/2008 11:25			09/08/2008 11:42			09/08/2008 11:59			
		Matrix	Solid			Solid			Solid			
SW-846 8015B		**Units**	ug/Kg	**Spike Added**	**Result**	**Result**	**% R**	**Control Limits**	**Result**	**% R**	**RPD**	**RPD Limit**
GCSV-00-4	Diesel Range Organics	<4000	4000	33300	32200	96	52 - 122		31300	94	3	40
Surrogate												
84-15-1	o-Terphenyl	1430	86	1670	1570	94	27 - 129		1560	94		

Inorganics Quality Control Summary

Analytical Batch	396486	**Client ID**	MB396360			LCS396360		
Prep Batch	396360	**GCAL ID**	643223			643224		
Prep Method	SW-846 3050B	**Sample Type**	Method Blank			LCS		
		Prep Date	09/05/2008 08:00			09/05/2008 08:00		
		Analytical Date	09/06/2008 11:50			09/06/2008 11:07		
		Matrix	Solid			Solid		
SW-846 6010B			**Units**	mg/kg	**Spike**	**Result**		**Control**
			Result	**RDL**	**Added**		**% R**	**Limits % R**
7439-92-1	Lead		<0.60	0.60	20.0	20.8	104	80 - 120

Analytical Batch	396486	**Client ID**	SB-1			643174MS		
Prep Batch	396360	**GCAL ID**	20808296501			643226		
Prep Method	SW-846 3050B	**Sample Type**	SAMPLE			MS		
		Prep Date	09/05/2008 08:00			09/05/2008 08:00		
		Analytical Date	09/06/2008 11:14			09/06/2008 11:27		
		Matrix	Solid			Solid		
SW-846 6010B			**Units**	mg/kg	**Spike**	**Result**		**Control**
			Result	**RDL**	**Added**		**% R**	**Limits % R**
7439-92-1	Lead		5.55	0.60	20.0	23.4	89	75 - 125

Analytical Batch	396486	**Client ID**	SB-1		643174DUP		
Prep Batch	396360	**GCAL ID**	20808296501		643225		
Prep Method	SW-846 3050B	**Sample Type**	SAMPLE		DUP		
		Prep Date	09/05/2008 08:00		09/05/2008 08:00		
		Analytical Date	09/06/2008 11:14		09/06/2008 11:21		
		Matrix	Solid		Solid		
SW-846 6010B			**Units**	mg/kg	**Result**		**RPD**
			Result	**RDL**		**RPD**	**Limit**
7439-92-1	Lead		5.55	0.60	5.98	7	20

General Chemistry Quality Control Summary

Analytical Batch	396718	Client ID	MB396718			LCS396718		
Prep Batch	N/A	GCAL ID	644990			644991		
		Sample Type	Method Blank			LCS		
		Analytical Date	09/11/2008 08:26			09/11/2008 08:32		
		Matrix	Solid			Solid		
SW-846 9060 TOC		Units	mg/kg	Spike Added		Result	% R	Control Limits % R
		Result	RDL					
C-012	Total Organic Carbon	<200	200	10000		10500	105	69 - 128

Analytical Batch	396718	Client ID	COBALT WATER TK 956		641480DUP		
Prep Batch	N/A	GCAL ID	20808260201		644994		
		Sample Type	SAMPLE		DUP		
		Analytical Date	09/11/2008 08:43		09/11/2008 09:37		
		Matrix	Solid		Solid		
SW-846 9060 TOC		Units	mg/kg		Result	RPD	RPD Limit
		Result	RDL				
C-012	Total Organic Carbon	21300	200		24900	16	25

Access Analytical - Chain of Custody Record

Access/4565/20808296S/9-8-08

Project Submission # _____ **PO #** _____ **Laboratory ID:** 6 Cool

Company Name:	TERRY ENVIRONMENTAL
Report To:	KELLY CONE
Address:	P. O. Box 25
City:	Summerville
State:	SC
Zip:	29484
Phone:	843-873-8200
Fax:	843-873-8765
Email:	kcone@terryenvironmental.com
Project Name:	Former L'l Cricket 339 / 2170 B
Sampled By (print):	R. Brand / T. Monk

Preservative: (*see codes below)

↓ REQUESTED LAB ANALYSIS: ↓

Sample Label	Date Collected	Time Collected	Matrix	# of Cont	BTEX, NAPH, MTBE	PAHs	Total Lead	Grain Size/Hydrometer	Total Organic Carbon	TPH - DRO		NOTES / COMMENTS
SB-1	8-27-08	0930	Soil	5	X	X	X				1	
SB-2		1035		5	X	X	X				2	
SB-3		1105		5	X	X	X				3	
SB-4		1130		7	X	X	X	X		X	4	Note: Subbed out Grain Size / Hydrometer
SB-5		1145		5	X	X	X				5	
SB-6		1345		5	X	X	X				6	
SB-7		1510		5	X	X	X				7	
SB-8		1228		6	X	X	X		X		8	

* Preservative Codes (place corresponding # in block above analysis field): 0=None, 1=HCL, 2=HNO_3, 3=H_2SO_4, 4=NaOH, 5=$Na_2S_2O_3$, 6=$NaHSO_4$, Other=Specify

ACCESS ANALYTICAL, INC.

6°C

Phone: (803) 781-4243
7478 Carlisle Street — Fax: 781-4303
Irmo, SC 29063 — Toll Free (888) 315-4243
www.accessanalyticalinc.com

Turnaround Time:

✓ Std. (5-7 Bus. days)
___ RUSH*
*Date Required: _____
(For rush work, results faxed by end of business day on date required)

Samples Recd. on Ice?
✓ Yes
___ No
6°

Project Location:
✓ SC
___ NC
___ Other _____ (specify)

Relinquished By:	Date:	Time:	Received By:
Randy Brand	8-29-08	1340	R Burtt
R Burtt	8-29-08	1830	Fed Ex
Fed Ex	8/30/08	0949	KBourgeois

Access Analytical, Inc.
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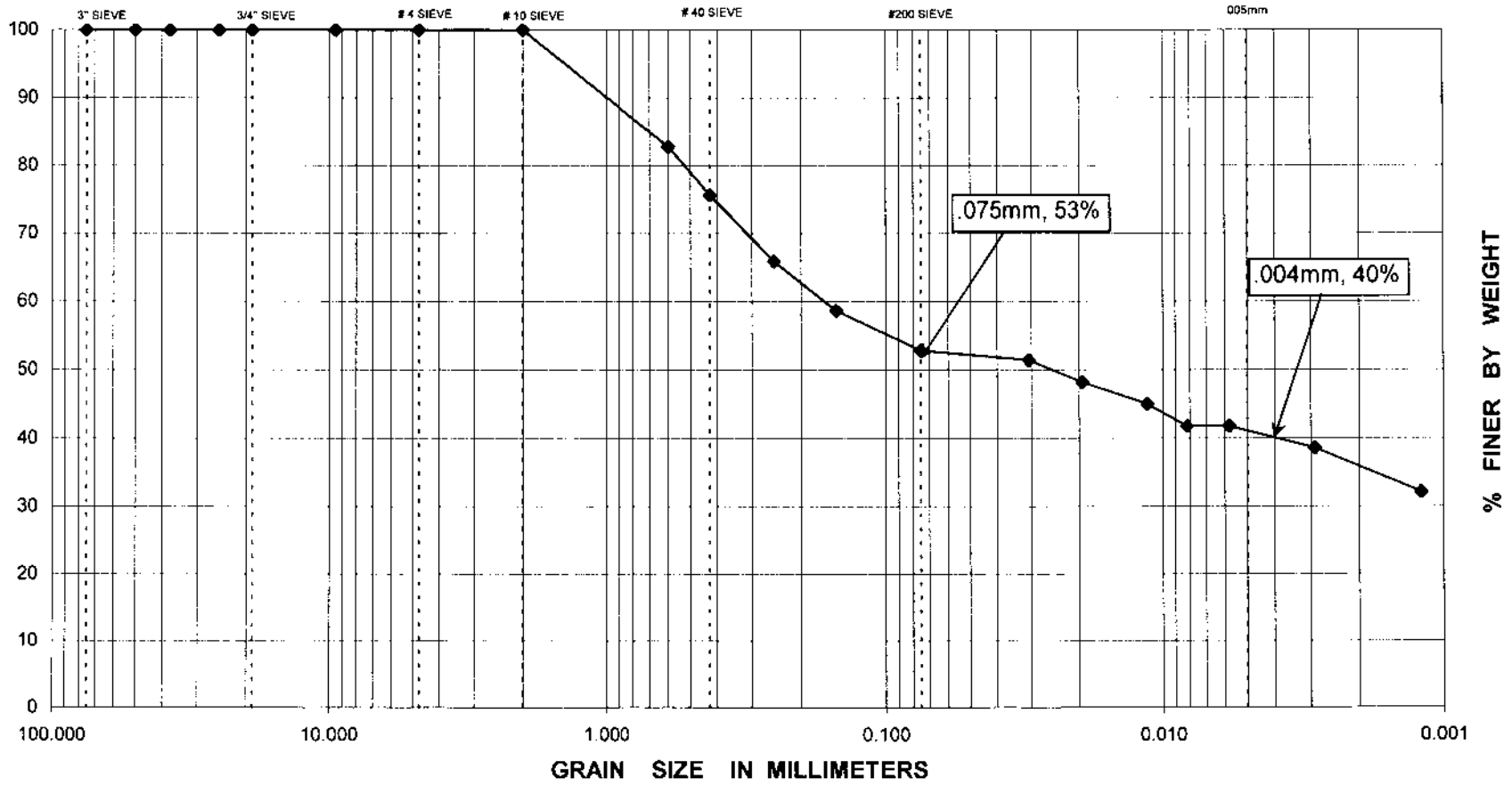
Terracon

GRAIN SIZE DISTRIBUTION TEST REPORT

(ASTM D422)

JOB NAME :	Access Analytical (Former Lil Cricket 339/2170B)						
JOB NO. :	73075016	**DATE:**	09/04/08	**TESTED BY :**	KB	**REVIEWED BY :**	*PAM*
BORING / PIT NO. :	SB-4	**DEPTH, ft.:**	-	**SAMPLE NO. :**	*H-51*	**SAMPLE TYPE :**	*Bulk*
ACCESS SAMPLE ID:	-						
SOIL DESCRIPTION :	-					**SP. GRAVITY, Gs :**	-
LIQUID LIMIT, %:		**PLASTICITY INDEX, %:**		**MOISTURE, %:**	-	**FINES, %:**	*53*
D10, MM:	-	**D30, MM:**	-	**D60, MM:**	-	**COEFF. OF CURVATURE, C_C:**	-
CLASSIFICATION		**UNIFIED:**	-	**AASHTO:**	-	**COEFF. OF UNIFORMITY, C_U:**	-

GRAVEL		SAND			FINES	
COARSE	FINE	COARSE	MEDIUM	FINE	SILT	CLAY



ACCESS
ANALYTICAL, INC.

ANALYTICAL REPORT

CLIENT
Terry Environmental
P.O. Box 25
Summerville, SC 29484

ATTENTION
Kelly Cone

PROJECT ID
LIL CRICKET 339 / 2170B

LABORATORY REPORT NUMBER
208100332

DATE
10/23/2008

Primary Data Review By

Curtis Ekker
Data Validation Manager, GCAL

Secondary Data Review By

Ashley B. Amick
Project Manager, Access Analytical, Inc.
aamick@accessanalyticalinc.com

PLEASE NOTE:

- **Unless otherwise noted, all analysis on this report performed at Gulf Coast Analytical Labs (GCAL), 7979 GSRI Rd. Baton Rouge, LA 70820.**

- **GCAL is SCDHEC certified laboratory # 73006, NCDENR certified lab # 618, GA certified lab # LA-01955, NELAP certified laboratory # 01955**

- Local support services for this project are provided by Access Analytical, Inc.. Access Analytical is a representative of GCAL serving clients in the SC/NC/GA areas. All questions regarding this report should be directed to your local Access Analytical representative at 803.781.4243 or toll free at 888.315.4243.

NELAP CERTIFICATE NUMBER 01955

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

Report Date 10/23/2008

GCAL Report 208100332

Deliver To	Terry Environmental P.O. Box 25 Summerville, SC 29484
Attn	Kelly Cone

Project LIL CRICKET 339 / 2170B

CASE NARRATIVE

Client: Terry Environmental Services **Report:** 208100332

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

This report was resubmitted on 10/24/08. The reporting format was revised to report "<RDL" with estimated concentrations instead of "MDLU" for non-detected analytes.

VOLATILES MASS SPECTROMETRY

In the SW-846 8260B analysis for analytical batch 398191, the MS/MSD exhibited recovery failures.

VOLATILES GAS CHROMATOGRAPHY

In the RSK 175 analysis for analytical batches 398467 and 398468, no MS/MSD was performed due to insufficient sample volume. The LCS/LCSD is included for review.

In the RSK 175 analysis, samples 20810033201(MW-3) and 20810033202(MW-9) had to be diluted to bracket the concentrations within the calibration range of the instrument.

SEMI-VOLATILES GAS CHROMATOGRAPHY

In the SW-846 8011 analysis, sample 20810033202 (MW-9) had to be diluted to bracket target compounds within the calibration range of the instrument. This is reflected in elevated reporting limits.

CONVENTIONALS

In the EPA 353.2 analysis, sample 20810033201 (MW-3) had to be diluted in order to bracket the concentration within the calibration range of the instrument.

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND	Indicates the result was Not Detected at the specified RDL
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
00:00	Reported as a time equivalent to 12:00 AM

Reporting Flags Utilized in this Report

J	Indicates an estimated value
U	Indicates the compound was analyzed for but not detected
B	(ORGANICS) Indicates the analyte was detected in the associated Method Blank
B	(INORGANICS) Indicates the result is between the RDL and MDL

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with ISO Guide 25 and NELAC, this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

CURTIS EKKER
DATA VALIDATION MANAGER
GCAL REPORT 208100332

THIS REPORT CONTAINS _____ PAGES.

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20810033201	MW-3	Water	10/01/2008 09:45	10/03/2008 09:25
20810033202	MW-9	Water	10/01/2008 10:45	10/03/2008 09:25

Summary of Compounds Detected

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20810033201	MW-3	Water	10/01/2008 09:45	10/03/2008 09:25

RSK 175

CAS#	Parameter	Result	RDL	MDL	Units
74-82-8	Methane	1.60J	5.00	0.116	ug/L

SM 4500 O G Dissolved Oxygen

CAS#	Parameter	Result	RDL	MDL	Units
W-02-002	Dissolved Oxygen	6.17	1.00	1.00	mg/L

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	8.51	1.00	0.065	ug/L
100-41-4	Ethylbenzene	4.10	1.00	0.065	ug/L
91-20-3	Naphthalene	3.51J	5.00	0.118	ug/L
1330-20-7	Xylene (total)	7.25	3.00	0.183	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	57.3	1.00	0.077	ug/L

EPA 353.2 N+N

CAS#	Parameter	Result	RDL	MDL	Units
C-005	Nitrate/Nitrite	7.85	0.100	0.010	mg/L

RSK 175

CAS#	Parameter	Result	RDL	MDL	Units
124-38-9	Carbon Dioxide	209000	12000	4700	ug/L

SW-846 6010B

CAS#	Parameter	Result	RDL	MDL	Units
7439-92-1	Lead	0.014B	0.015	0.0018	mg/L

SM 3500 Fe D Ferrous Iron

CAS#	Parameter	Result	RDL	MDL	Units
WET-045	Ferrous Iron	0.595	0.050	0.005	mg/L

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20810033202	MW-9	Water	10/01/2008 10:45	10/03/2008 09:25

SW-846 6010B

CAS#	Parameter	Result	RDL	MDL	Units
7439-92-1	Lead	0.16	0.015	0.0018	mg/L

SW-846 8270C

CAS#	Parameter	Result	RDL	MDL	Units
91-20-3	Naphthalene	166	10.1	0.232	ug/L

EPA 375.4 Sulfate

CAS#	Parameter	Result	RDL	MDL	Units
14808-79-8	Sulfate	1.4B	5.0	0.41	mg/L

SW-846 8011

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	197	1.00	0.350	ug/L

SM 3500 Fe D Ferrous Iron

CAS#	Parameter	Result	RDL	MDL	Units
WET-045	Ferrous Iron	0.131	0.050	0.005	mg/L

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	2820	50.0	3.25	ug/L
100-41-4	Ethylbenzene	1140	50.0	3.26	ug/L
91-20-3	Naphthalene	357	250	5.91	ug/L
108-88-3	Toluene	4860	50.0	3.78	ug/L
1330-20-7	Xylene (total)	4720	150	9.17	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	9050	50.0	3.85	ug/L

RSK 175

CAS#	Parameter	Result	RDL	MDL	Units
74-82-8	Methane	1.72J	5.00	0.116	ug/L

RSK 175

CAS#	Parameter	Result	RDL	MDL	Units
124-38-9	Carbon Dioxide	223000	12000	4700	ug/L

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20810033202	**MW-9**	Water	10/01/2008 10:45	10/03/2008 09:25

SM 4500 O G Dissolved Oxygen

CAS#	Parameter	Result	RDL	MDL	Units
W-02-002	**Dissolved Oxygen**	**4.86**	**1.00**	**1.00**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20810033201	MW-3	Water	10/01/2008 09:45	10/03/2008 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/05/2008 14:44	CLH	398191

CAS#	Parameter	Result	RDL	MDL	Units
107-06-2	1,2-Dichloroethane	<1.00	1.00	0.090	ug/L
71-43-2	**Benzene**	**8.51**	**1.00**	**0.065**	**ug/L**
100-41-4	**Ethylbenzene**	**4.10**	**1.00**	**0.065**	**ug/L**
91-20-3	**Naphthalene**	**3.51J**	**5.00**	**0.118**	**ug/L**
108-88-3	Toluene	<1.00	1.00	0.076	ug/L
1330-20-7	**Xylene (total)**	**7.25**	**3.00**	**0.183**	**ug/L**
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**57.3**	**1.00**	**0.077**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.2	ug/L	96	78 - 130
1868-53-7	Dibromofluoromethane	50	57.2	ug/L	114	77 - 127
2037-26-5	Toluene d8	50	45.2	ug/L	90	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	59.8	ug/L	120	71 - 127

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2008 10:00	398151	3510C	1	10/08/2008 17:06	KCB	398382

CAS#	Parameter	Result	RDL	MDL	Units
83-32-9	Acenaphthene	<10.3	10.3	0.173	ug/L
208-96-8	Acenaphthylene	<10.3	10.3	0.130	ug/L
120-12-7	Anthracene	<10.3	10.3	0.126	ug/L
56-55-3	Benzo(a)anthracene	<10.3	10.3	0.081	ug/L
50-32-8	Benzo(a)pyrene	<10.3	10.3	0.091	ug/L
205-99-2	Benzo(b)fluoranthene	<10.3	10.3	0.082	ug/L
191-24-2	Benzo(g,h,i)perylene	<10.3	10.3	0.090	ug/L
207-08-9	Benzo(k)fluoranthene	<10.3	10.3	0.085	ug/L
218-01-9	Chrysene	<10.3	10.3	0.217	ug/L
53-70-3	Dibenz(a,h)anthracene	<10.3	10.3	0.160	ug/L
206-44-0	Fluoranthene	<10.3	10.3	0.085	ug/L
86-73-7	Fluorene	<10.3	10.3	0.151	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	<10.3	10.3	0.168	ug/L
91-20-3	Naphthalene	<10.3	10.3	0.237	ug/L
85-01-8	Phenanthrene	<10.3	10.3	0.090	ug/L
129-00-0	Pyrene	<10.3	10.3	0.094	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	51.5	38.2	ug/L	74	52 - 120
321-60-8	2-Fluorobiphenyl	51.5	39.2	ug/L	76	16 - 128
1718-51-0	Terphenyl-d14	51.5	33	ug/L	64	43 - 138

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20810033201	MW-3	Water	10/01/2008 09:45	10/03/2008 09:25

RSK 175

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/09/2008 23:06	JAR	398468

CAS#	Parameter	Result	RDL	MDL	Units
74-82-8	Methane	1.60J	5.00	0.116	ug/L

RSK 175

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20	10/09/2008 23:32	JAR	398467

CAS#	Parameter	Result	RDL	MDL	Units
124-38-9	Carbon Dioxide	209000	12000	4700	ug/L

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/03/2008 16:00	398132	SW-846 8011	1	10/07/2008 13:08	TLS	398425

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

SW-846 6010B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/03/2008 11:50	398115	SW-846 3010A	1	10/06/2008 22:57	EGW	398250

CAS#	Parameter	Result	RDL	MDL	Units
7439-92-1	Lead	0.014B	0.015	0.0018	mg/L

EPA 353.2 N+N

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			10	10/08/2008 09:10	AEL	398332

CAS#	Parameter	Result	RDL	MDL	Units
C-005	Nitrate/Nitrite	7.85	0.100	0.010	mg/L

SM 3500 Fe D Ferrous Iron

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/03/2008 11:38	JEM	398123

CAS#	Parameter	Result	RDL	MDL	Units
WET-045	Ferrous Iron	0.595	0.050	0.005	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20810033201	**MW-3**	Water	10/01/2008 09:45	10/03/2008 09:25

SM 4500 O G Dissolved Oxygen

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/03/2008 11:10	AEL	398189

CAS#	Parameter	Result	RDL	MDL	Units
W-02-002	**Dissolved Oxygen**	**6.17**	**1.00**	**1.00**	**mg/L**

EPA 375.4 Sulfate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/14/2008 05:46	JEM	398687

CAS#	Parameter	Result	RDL	MDL	Units
14808-79-8	Sulfate	<5.0	5.0	0.41	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20810033202	**MW-9**	Water	10/01/2008 10:45	10/03/2008 09:25

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	10/05/2008 15:08	CLH	398191

CAS#	Parameter	Result	RDL	MDL	Units
107-06-2	1,2-Dichloroethane	<50.0	50.0	4.49	ug/L
71-43-2	**Benzene**	**2820**	**50.0**	**3.25**	**ug/L**
100-41-4	**Ethylbenzene**	**1140**	**50.0**	**3.26**	**ug/L**
91-20-3	**Naphthalene**	**357**	**250**	**5.91**	**ug/L**
108-88-3	**Toluene**	**4860**	**50.0**	**3.78**	**ug/L**
1330-20-7	**Xylene (total)**	**4720**	**150**	**9.17**	**ug/L**
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**9050**	**50.0**	**3.85**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	2500	2520	ug/L	101	78 - 130
1868-53-7	Dibromofluoromethane	2500	2440	ug/L	98	77 - 127
2037-26-5	Toluene d8	2500	2480	ug/L	99	76 - 134
17060-07-0	1,2-Dichloroethane-d4	2500	2440	ug/L	98	71 - 127

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2008 10:00	398151	3510C	1	10/08/2008 17:21	KCB	398382

CAS#	Parameter	Result	RDL	MDL	Units
83-32-9	Acenaphthene	<10.1	10.1	0.170	ug/L
208-96-8	Acenaphthylene	<10.1	10.1	0.128	ug/L
120-12-7	Anthracene	<10.1	10.1	0.124	ug/L
56-55-3	Benzo(a)anthracene	<10.1	10.1	0.079	ug/L
50-32-8	Benzo(a)pyrene	<10.1	10.1	0.089	ug/L
205-99-2	Benzo(b)fluoranthene	<10.1	10.1	0.080	ug/L
191-24-2	Benzo(g,h,i)perylene	<10.1	10.1	0.088	ug/L
207-08-9	Benzo(k)fluoranthene	<10.1	10.1	0.083	ug/L
218-01-9	Chrysene	<10.1	10.1	0.213	ug/L
53-70-3	Dibenz(a,h)anthracene	<10.1	10.1	0.157	ug/L
206-44-0	Fluoranthene	<10.1	10.1	0.084	ug/L
86-73-7	Fluorene	<10.1	10.1	0.148	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	<10.1	10.1	0.165	ug/L
91-20-3	**Naphthalene**	**166**	**10.1**	**0.232**	**ug/L**
85-01-8	Phenanthrene	<10.1	10.1	0.088	ug/L
129-00-0	Pyrene	<10.1	10.1	0.092	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50.5	32.8	ug/L	65	52 - 120
321-60-8	2-Fluorobiphenyl	50.5	31.5	ug/L	62	16 - 128
1718-51-0	Terphenyl-d14	50.5	33.1	ug/L	66	43 - 138

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20810033202	MW-9	Water	10/01/2008 10:45	10/03/2008 09:25

RSK 175

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/09/2008 23:38	JAR	398468

CAS#	Parameter	Result	RDL	MDL	Units
74-82-8	Methane	1.72J	5.00	0.116	ug/L

RSK 175

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20	10/09/2008 23:58	JAR	398467

CAS#	Parameter	Result	RDL	MDL	Units
124-38-9	Carbon Dioxide	223000	12000	4700	ug/L

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/03/2008 16:00	398132	SW-846 8011	100	10/08/2008 08:53	TLS	398425

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	197	1.00	0.350	ug/L

SW-846 6010B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/03/2008 11:50	398115	SW-846 3010A	1	10/06/2008 23:03	EGW	398250

CAS#	Parameter	Result	RDL	MDL	Units
7439-92-1	Lead	0.16	0.015	0.0018	mg/L

EPA 353.2 N+N

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/08/2008 09:11	AEL	398332

CAS#	Parameter	Result	RDL	MDL	Units
C-005	Nitrate/Nitrite	<0.010	0.010	0.001	mg/L

SM 3500 Fe D Ferrous Iron

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/03/2008 11:40	JEM	398123

CAS#	Parameter	Result	RDL	MDL	Units
WET-045	Ferrous Iron	0.131	0.050	0.005	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20810033202	**MW-9**	Water	10/01/2008 10:45	10/03/2008 09:25

SM 4500 O G Dissolved Oxygen

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/03/2008 11:10	AEL	398189

CAS#	Parameter	Result	RDL	MDL	Units
W-02-002	Dissolved Oxygen	4.86	1.00	1.00	mg/L

EPA 375.4 Sulfate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/14/2008 05:48	JEM	398687

CAS#	Parameter	Result	RDL	MDL	Units
14808-79-8	Sulfate	1.4B	5.0	0.41	mg/L

GC/MS Volatiles Quality Control Summary

Analytical Batch	398191	Client ID	MB398191			LCS398191			LCSD398191			
Prep Batch	N/A	GCAL ID	653198			653199			653200			
		Sample Type	Method Blank			LCS			LCSD			
		Analytical Date	10/05/2008 12:18			10/05/2008 11:05			10/05/2008 11:29			
		Matrix	Water			Water			Water			
SW-846 8260B		Units / Result	ug/L / RDL	Spike Added	Result	% R	Control Limits % R	Result	% R	RPD	RPD Limit	
107-06-2	1,2-Dichloroethane	<1.00	1.00	50.0	51.4	103	75 - 122	50.3	101	2	30	
100-41-4	Ethylbenzene	<1.00	1.00	50.0	48.0	96	80 - 125	44.0	88	9	30	
1634-04-4	tert-Butyl methyl ether (MTBE)	<1.00	1.00	50.0	48.3	97	72 - 127	47.7	95	1	30	
1330-20-7	Xylene (total)	<3.00	3.00	100	95.6	96	80 - 129	88.1	88	8	30	
91-20-3	Naphthalene	<5.00	5.00	50.0	52.8	106	67 - 149	52.1	104	1	35	
71-43-2	Benzene	<1.00	1.00	50.0	44.1	88	80 - 120	40.5	81	9	20	
108-88-3	Toluene	<1.00	1.00	50.0	52.8	106	80 - 124	48.7	97	8	20	
Surrogate												
460-00-4	4-Bromofluorobenzene	47.2	94	50	49.8	100	78 - 130	49.9	100			
1868-53-7	Dibromofluoromethane	49.7	99	50	48.8	98	77 - 127	51.3	103			
2037-26-5	Toluene d8	50.4	101	50	49.7	99	76 - 134	49.6	99			
17060-07-0	1,2-Dichloroethane-d4	48.9	98	50	49.3	99	71 - 127	49.3	99			

Analytical Batch	398191	Client ID	MW-9			652614MS			652614MSD			
Prep Batch	N/A	GCAL ID	20810033202			653254			653255			
		Sample Type	SAMPLE			MS			MSD			
		Analytical Date	10/05/2008 15:08			10/05/2008 16:45			10/05/2008 17:10			
		Matrix	Water			Water			Water			
SW-846 8260B		Units / Result	ug/L / RDL	Spike Added	Result	% R	Control Limits % R	Result	% R	RPD	RPD Limit	
107-06-2	1,2-Dichloroethane	0.00	50.0	2500	2490	100	75 - 122	2370	95	5	30	
100-41-4	Ethylbenzene	1140	50.0	2500	3380	90	80 - 125	3110	79*	8	30	
1634-04-4	tert-Butyl methyl ether (MTBE)	9050	50.0	2500	11000	78	72 - 127	10800	70*	2	30	
1330-20-7	Xylene (total)	4720	150	5000	9340	92	80 - 129	8600	78*	8	30	
91-20-3	Naphthalene	357	250	2500	2960	104	67 - 149	3380	121	13	30	
71-43-2	Benzene	2820	50.0	2500	5000	87	80 - 120	4670	74*	7	30	
108-88-3	Toluene	4860	50.0	2500	7420	102	80 - 124	6850	80	8	30	
Surrogate												
460-00-4	4-Bromofluorobenzene	2520	101	2500	2550	102	78 - 130	2510	100			
1868-53-7	Dibromofluoromethane	2440	98	2500	2430	97	77 - 127	2420	97			
2037-26-5	Toluene d8	2480	99	2500	2480	99	76 - 134	2480	99			
17060-07-0	1,2-Dichloroethane-d4	2440	98	2500	2470	99	71 - 127	2430	97			

General Chromatography Quality Control Summary

Analytical Batch	398467	Client ID	MB398467			LCS398467			LCSD398467			
Prep Batch	N/A	GCAL ID	654614			654615			654616			
		Sample Type	Method Blank			LCS			LCSD			
		Analytical Date	10/09/2008 22:44			10/09/2008 22:13			10/09/2008 22:21			
		Matrix	Water			Water			Water			
RSK 175		Units	ug/L	Spike	Result	% R	Control	Result	% R	RPD	RPD
		Result	RDL	Added			Limits % R				Limit
124-38-9	Carbon Dioxide	<600	600	5800	5380	93	30 - 170	5130	88	5	40

Analytical Batch	398468	Client ID	MB398468			LCS398468			LCSD398468			
Prep Batch	N/A	GCAL ID	654617			654618			654619			
		Sample Type	Method Blank			LCS			LCSD			
		Analytical Date	10/09/2008 22:33			10/09/2008 22:01			10/09/2008 22:07			
		Matrix	Water			Water			Water			
RSK 175		Units	ug/L	Spike	Result	% R	Control	Result	% R	RPD	RPD
		Result	RDL	Added			Limits % R				Limit
74-82-8	Methane	<5.00	5.00	17.5	12.5	71	42 - 145	15.8	90	23	27

General Chromatography Quality Control Summary

Analytical Batch	398425	**Client ID**	MB398132			LCS398132			LCSD398132		
Prep Batch	398132	**GCAL ID**	652658			652659			652660		
Prep Method	SW-846 8011	**Sample Type**	Method Blank			LCS			LCSD		
		Prep Date	10/03/2008 16:00			10/03/2008 16:00			10/03/2008 16:00		
		Analytical Date	10/07/2008 09:34			10/07/2008 10:00			10/07/2008 10:24		
		Matrix	Water			Water			Water		
SW-846 8011		**Units**	ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
106-93-4	1,2-Dibromoethane	<0.010	0.010	1.16	0.902	78	62 - 140	0.873	74	3	40

Inorganics Quality Control Summary

Analytical Batch	398250	**Client ID**	MB398115			LCS398115		
Prep Batch	398115	**GCAL ID**	652567			652568		
Prep Method	SW-846	**Sample Type**	Method Blank			LCS		
	3010A	**Prep Date**	10/03/2008 11:50			10/03/2008 11:50		
		Analytical Date	10/06/2008 22:04			10/06/2008 22:11		
		Matrix	Water			Water		
SW-846 6010B		**Units**	mg/L	**Spike**	**Result**		**Control**	
		Result	**RDL**	**Added**		**% R**	**Limits % R**	
7439-92-1	Lead	<0.015	0.015	0.50	0.51	103	80 - 120	

Analytical Batch	398250	**Client ID**	Q-PI-100208			652527MS		
Prep Batch	398115	**GCAL ID**	20810031601			652570		
Prep Method	SW-846	**Sample Type**	SAMPLE			MS		
	3010A	**Prep Date**	10/03/2008 11:50			10/03/2008 11:50		
		Analytical Date	10/06/2008 22:17			10/06/2008 22:31		
		Matrix	Water			Water		
SW-846 6010B		**Units**	mg/L	**Spike**	**Result**		**Control**	
		Result	**RDL**	**Added**		**% R**	**Limits % R**	
7439-92-1	Lead	0.0	0.015	0.50	0.47	94	75 - 125	

Analytical Batch	398250	**Client ID**	Q-PI-100208		652527DUP			
Prep Batch	398115	**GCAL ID**	20810031601		652569			
Prep Method	SW-846	**Sample Type**	SAMPLE		DUP			
	3010A	**Prep Date**	10/03/2008 11:50		10/03/2008 11:50			
		Analytical Date	10/06/2008 22:17		10/06/2008 22:24			
		Matrix	Water		Water			
SW-846 6010B		**Units**	mg/L	**Result**		**RPD**	**RPD**	
		Result	**RDL**				**Limit**	
7439-92-1	Lead	0.0	0.015	0.0		0	20	

General Chemistry Quality Control Summary

Analytical Batch	398332	Client ID	MB398332			LCS398332		
Prep Batch	N/A	GCAL ID	653865			653866		
		Sample Type	Method Blank			LCS		
		Analytical Date	10/08/2008 08:46			10/08/2008 08:48		
		Matrix	Water			Water		
EPA 353.2 N+N		**Units**	**Result**	mg/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**
C-005	Nitrate/Nitrite		<0.010	0.010	0.500	0.464	92.8	90 - 110

Analytical Batch	398332	Client ID	U31EPHW (N+N)			651213MS		
Prep Batch	N/A	GCAL ID	20809301801			653868		
		Sample Type	SAMPLE			MS		
		Analytical Date	10/08/2008 08:50			10/08/2008 08:53		
		Matrix	Water			Water		
EPA 353.2 N+N		**Units**	**Result**	mg/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**
C-005	Nitrate/Nitrite		47.3	1.00	50.0	98.0	101	90 - 110

Analytical Batch	398332	Client ID	U31EPHW (N+N)		651213DUP		
Prep Batch	N/A	GCAL ID	20809301801		653867		
		Sample Type	SAMPLE		DUP		
		Analytical Date	10/08/2008 08:50		10/08/2008 08:51		
		Matrix	Water		Water		
EPA 353.2 N+N		**Units**	**Result**	mg/L **RDL**	**Result**	**RPD**	**RPD Limit**
C-005	Nitrate/Nitrite		47.3	1.00	49.9	5.3	25

General Chemistry Quality Control Summary

Analytical Batch	398123	Client ID	MB398123			LCS398123		
Prep Batch	N/A	GCAL ID	652634			652635		
		Sample Type	Method Blank			LCS		
		Analytical Date	10/03/2008 11:36			10/03/2008 11:37		
		Matrix	Water			Water		
SM 3500 Fe D Ferrous Iron		Units	mg/L	Spike	Result		Control
		Result	RDL	Added		% R	Limits % R
WET-045	Ferrous Iron	<0.050	0.050	1.00	1.10	110	80 - 120

Analytical Batch	398123	Client ID	MW-9			652614MS		
Prep Batch	N/A	GCAL ID	20810033202			652637		
		Sample Type	SAMPLE			MS		
		Analytical Date	10/03/2008 11:40			10/03/2008 11:41		
		Matrix	Water			Water		
SM 3500 Fe D Ferrous Iron		Units	mg/L	Spike	Result		Control
		Result	RDL	Added		% R	Limits % R
WET-045	Ferrous Iron	0.131	0.050	1.00	1.18	104	75 - 125

Analytical Batch	398123	Client ID	MW-3		652613DUP		
Prep Batch	N/A	GCAL ID	20810033201		652636		
		Sample Type	SAMPLE		DUP		
		Analytical Date	10/03/2008 11:38		10/03/2008 11:38		
		Matrix	Water		Water		
SM 3500 Fe D Ferrous Iron		Units	mg/L	Result		RPD
		Result	RDL		RPD	Limit
WET-045	Ferrous Iron	0.595	0.050	0.614	3.1	25

General Chemistry Quality Control Summary

Analytical Batch	398687	Client ID	MB398687			LCS398687		
Prep Batch	N/A	GCAL ID	655833			655834		
		Sample Type	Method Blank			LCS		
		Analytical Date	10/14/2008 05:45			10/14/2008 05:45		
		Matrix	Water			Water		
EPA 375.4 Sulfate		Units	mg/L	Spike	Result		Control
		Result	RDL	Added		% R	Limits % R
14808-79-8	Sulfate	<5.0	5.0	20.0	21.9	110	80 - 120

Analytical Batch	398687	Client ID	MW-9			652614MS		
Prep Batch	N/A	GCAL ID	20810033202			655836		
		Sample Type	SAMPLE			MS		
		Analytical Date	10/14/2008 05:48			10/14/2008 05:48		
		Matrix	Water			Water		
EPA 375.4 Sulfate		Units	mg/L	Spike	Result		Control
		Result	RDL	Added		% R	Limits % R
14808-79-8	Sulfate	1.4	5.0	20.0	24.6	116	75 - 125

Analytical Batch	398687	Client ID	MW-3		652613DUP		
Prep Batch	N/A	GCAL ID	20810033201		655835		
		Sample Type	SAMPLE		DUP		
		Analytical Date	10/14/2008 05:46		10/14/2008 05:46		
		Matrix	Water		Water		
EPA 375.4 Sulfate		Units	mg/L	Result		RPD
		Result	RDL		RPD	Limit
14808-79-8	Sulfate	0.00	5.0	0.00	0	25

Access Analytical - Chain of Custody Record

Access/4565/20810033211-20-8

Project Submission # _____ **PO #** _____ **Laboratory ID:** _____

Company Name: TERRY ENVIRONMENTAL
Report To: KELLY CONE
Address: P.O. BOX 25
City: SUMMERVILLE State: SC Zip: 29484
Phone: (843) 873-8200 Fax: (843) 873-8200
Email: kcone@terryenvironmental.com
Project Name: Li'l Cricket 339/2170B
Sampled By (print): Tony Monk

Preservative: (*see codes below)

↓ REQUESTED LAB ANALYSIS: ↓

Sample Label	Date Collected	Time Collected	Matrix	# of Cont	BTEX, Naph, MTBE, 1,2-DCA	PAHs	Lead	EDB	Dissolved Oxygen and Carbon Dioxide	Ferrous Iron	Nitrates	Sulfates	Methane
MW-3	10-1-08	945	W	13	X	X	X	X	X	X	X	X	X
MW-9	10-1-08	1045	W	13	X	X	X	X	X	X	X	X	X

* Preservative Codes (*place corresponding # in block above analysis field*): 0=None, 1=HCL, 2=HNO_3, 3=H_2SO_4, 4=NaOH, 5=$Na_2S_2O_3$, 6=$NaHSO_4$, Other=Specify

ACCESS ANALYTICAL, INC.
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Irmo, SC 29063
Phone: (803) 781-4243
Fax: 781-4303
Toll Free (888) 315-4243
www.accessanalyticalinc.com

NOTES / COMMENTS

1
2

Turnaround Time:
✓ Std. (5-7 Bus. days)
___RUSH*
*Date Required:_____
(For rush work, results faxed by end of business day on date required)

Samples Recd. on Ice? ✓ Yes ___No

Project Location: ✓ SC ___NC ___Other_____(specify)

Relinquished By:	Date:	Time:	Received By:
Anthony B Monk	10-1-08	1900	Christy Russ
Christy Russ	10/1/08	1700	FedEx
FedEx	10-3-08	925	MC

Pg 1 of 1

Access Analytical, Inc.
See Reverse for Terms and Conditions

3.5°C

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Pink Copy - Client Copy

APPENDIX D

Aquifer Calculations

SUMMARY of SLUG TEST

SOUTH CAROLINA
Department of Health and Environmental Control (DHEC)

Site Data

SITE ID# 07303 COUNTY: Oconee

FACILITY NAME: Former Li'l Cricket #339

Slug Data

See Appendix D Table _____ Figure _____ for a list of all data measurements.
(water level logs, etc.) (Complete as appropriate)
Water Level Recovery Data was measured by Manually with Water Level Indicator
(Hermit Data Logger, Manually with Water Level Indicator, etc.) (List Method).

Complete the following table for each well tested.
COMPLETE A SECOND SHEET IF MORE THAN FOUR WELLS ARE TESTED.

Slug Test Conducted in well(s) number	**MW-3**	**MW-9**		
Initial Rise/Drawdown in well (feet)	**1.17**	**1.11**		
Radius of Well Casing (feet)	**0.0833**	**0.0833**		
Effective Radius of Well (feet)	**0.375**	**0.375**		
Static Saturated Aquifer Thickness (feet)	**60**	**60**		
Length of Well Screen (feet)	**18**	**10**		
Static Height of Water Column in Well (feet)	**13.74**	**14.56**		

Calculations

See Appendix D and Appendix F Figure 7 for calculations.

The method for aquifer calculations was Bouwer-Rice (i.e. Bouwer-Rice, Cooper, etc.)

Calculated values by well were as follows:

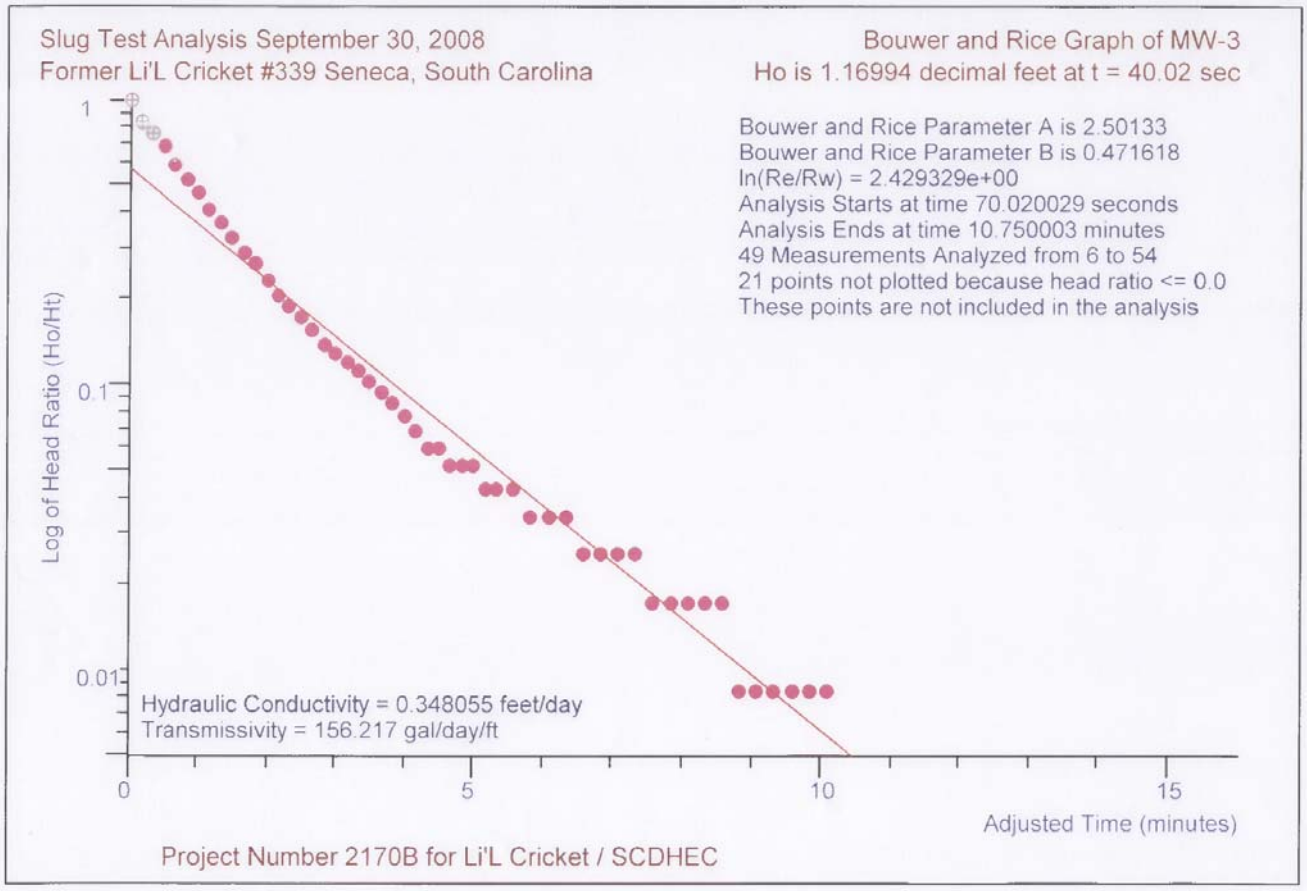
Slug Test Conducted in well(s) number	**MW-3**	**MW-9**	
Hydraulic Conductivity	**0.348 ft/day**	**0.0018 ft/day**	

Thickness of the aquifer used to calculate hydraulic conductivity was 60 feet.

The aquifer is ___ confined ___ semi-confined _x_ water table
(Check as appropriate)

The estimated seepage velocity is 0.0356 ft/day or 12.99 ft/year based on a hydraulic conductivity of 0.348 ft/day, a hydraulic gradient of 0.046 ft/ft, and a porosity of 45 percent for Sandy Clay soil (list type i.e., silty sand, clay, etc...).

SUMMARY of SLUG TEST

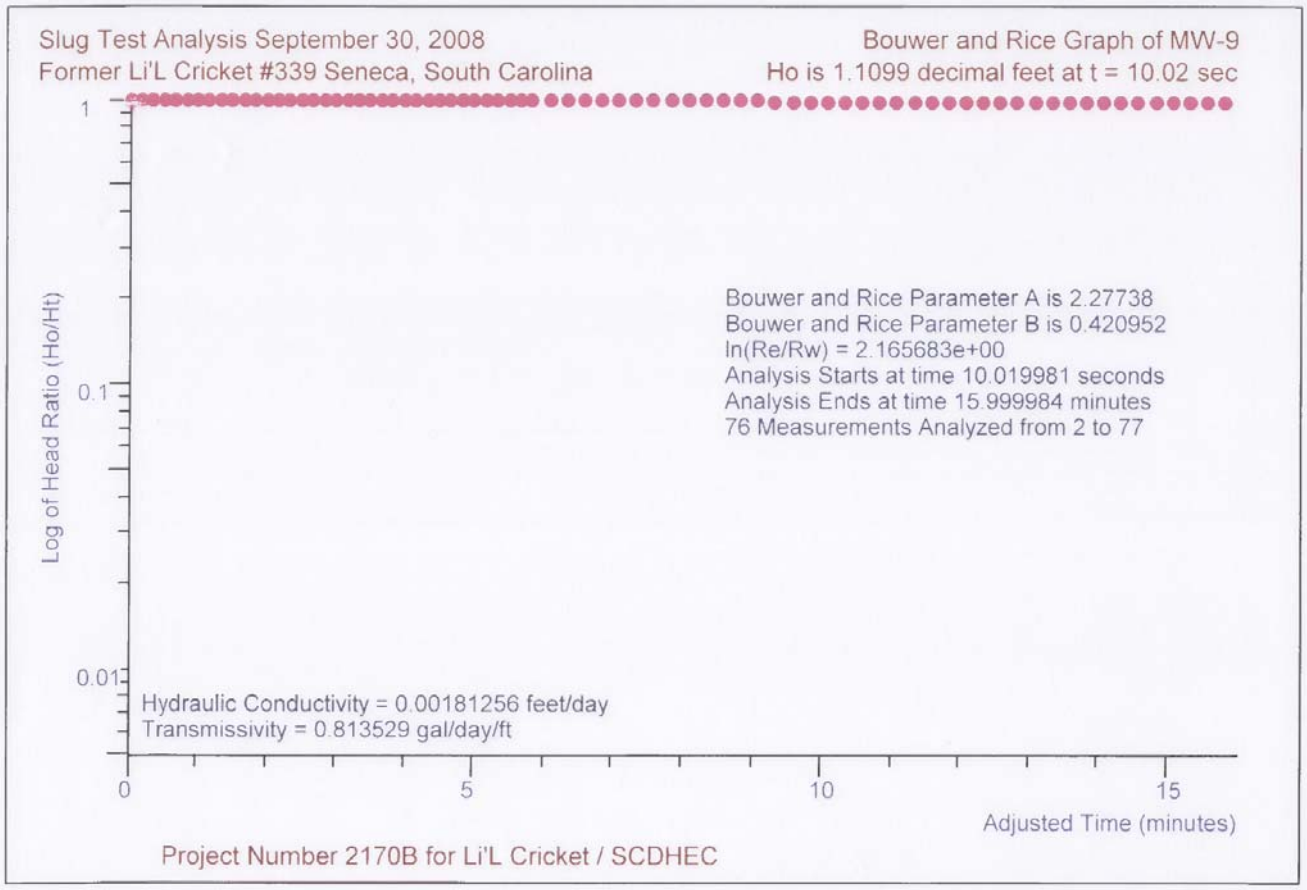

Slug Test Analysis September 30, 2008
Former Li'L Cricket #339 Seneca, South Carolina
Bouwer and Rice Graph of MW-3
Ho is 1.16994 decimal feet at t = 40.02 sec
Bouwer and Rice Parameter A is 2.50133
Bouwer and Rice Parameter B is 0.471618
ln(Re/Rw) = 2.429329e+00
Analysis Starts at time 70.020029 seconds
Analysis Ends at time 10.750003 minutes
49 Measurements Analyzed from 6 to 54
21 points not plotted because head ratio <= 0.0
These points are not included in the analysis
Log of Head Ratio (Ho/Ht)
1
0.1
0.01
Hydraulic Conductivity = 0.348055 feet/day
Transmissivity = 156.217 gal/day/ft
0
5
10
15
Adjusted Time (minutes)
Project Number 2170B for Li'L Cricket / SCDHEC

Data from file:	\\SERVER\TERRY\PROJECTS\2170LI~1\2170B-~1\SLUGTE~1\MW3.SLG
Title:	Slug Test Analysis
Site Name:	Former Li'L Cricket #339
Location:	Seneca, South Carolina
Client:	Li'L Cricket / SCDHEC
Project Number:	2170B
Test Date:	September 30, 2008
Well Number:	MW-3
Casing Radius:	0.0833333 feet
Effective Well Radius:	0.374999 feet
Aquifer Thickness:	59.9999 feet
Water Table to Screen Bottom:	12.74 feet
Screen Length:	18 feet
Static Water Level:	41.26 decimal feet

K ratio is not entered
There are 75 time and drawdown measurements
Tests starts with trial 3
Time values will be adjusted by 0.000463194 days (40.019962 seconds)

Trial	Time (minutes)	Adjusted Time (minutes)	Drawdown (decimal feet)	Head (decimal feet)	Head Ratio
1	0	-0.666999	41.26	0	0
2	0.167	-0.5	0.5	-40.76	-34.8395
3	0.666999	0	42.4299	1.16994	1
4	0.833	0.166	42.24	0.979976	0.837632
5	0.999999	0.333	42.1501	0.890082	0.760796
6	1.167	0.500001	42.0599	0.79986	0.683678
7	1.333	0.666	41.95	0.689954	0.589736
8	1.5	0.833005	41.8699	0.609903	0.521313
9	1.667	1	41.8099	0.549864	0.469995
10	1.833	1.16601	41.74	0.479982	0.410264
11	2	1.333	41.6901	0.430115	0.36764
12	2.167	1.5	41.6399	0.379919	0.324735
13	2.333	1.666	41.5999	0.339893	0.290522
14	2.5	1.833	41.57	0.310037	0.265004
15	2.667	2	41.53	0.27001	0.230791
16	2.833	2.166	41.5002	0.240155	0.205272
17	3	2.333	41.4801	0.220143	0.188167
18	3.16701	2.50001	41.4601	0.200132	0.171062
19	3.333	2.666	41.4401	0.180116	0.153954
20	3.50001	2.83301	41.4201	0.160105	0.136849
21	3.667	3	41.4099	0.149933	0.128155
22	3.83301	3.16601	41.4001	0.140093	0.119744
23	4	3.333	41.3899	0.129921	0.11105
24	4.167	3.5	41.3801	0.120078	0.102636
25	4.333	3.666	41.3699	0.109909	0.0939445
26	4.5	3.833	41.3601	0.100066	0.085531
27	4.667	4	41.3499	0.089894	0.0768367
28	4.833	4.166	41.3401	0.0800539	0.0684259
29	5	4.333	41.3299	0.0698821	0.0597315
30	5.16699	4.49999	41.3299	0.0698821	0.0597315
31	5.333	4.666	41.32	0.0600388	0.0513181
32	5.49999	4.83299	41.32	0.0600388	0.0513181
33	5.667	5.00001	41.32	0.0600388	0.0513181
34	5.83299	5.16599	41.3099	0.0498702	0.0426264
35	6.00001	5.33301	41.3099	0.0498702	0.0426264
36	6.25	5.583	41.3099	0.0498702	0.0426264
37	6.5	5.833	41.3	0.0400269	0.0342129
38	6.75	6.083	41.3	0.0400269	0.0342129
39	7	6.333	41.3	0.0400269	0.0342129
40	7.25	6.583	41.2899	0.0298583	0.0255213
41	7.5	6.833	41.2899	0.0298583	0.0255213
42	7.74999	7.08299	41.2899	0.0298583	0.0255213
43	8.00001	7.33301	41.2899	0.0298583	0.0255213

Trial	Time (minutes)	Adjusted Time (minutes)	Drawdown (decimal feet)	Head (decimal feet)	Head Ratio
44	8.25	7.58301	41.28	0.020015	0.0171078
45	8.5	7.833	41.28	0.020015	0.0171078
46	8.75	8.083	41.28	0.020015	0.0171078
47	9	8.333	41.28	0.020015	0.0171078
48	9.25	8.583	41.28	0.020015	0.0171078
49	9.5	8.833	41.2698	0.00984325	0.0084135
50	9.75	9.083	41.2698	0.00984325	0.0084135
51	9.99999	9.33299	41.2698	0.00984325	0.0084135
52	10.25	9.58301	41.2698	0.00984325	0.0084135
53	10.5	9.83301	41.2698	0.00984325	0.0084135
54	10.75	10.083	41.2698	0.00984325	0.0084135
55	11	10.333	41.26	0	0
56	11.25	10.583	41.26	0	0
57	11.5	10.833	41.26	0	0
58	11.75	11.083	41.26	0	0
59	12	11.333	41.26	0	0
60	12.25	11.583	41.26	0	0
61	12.5	11.833	41.26	0	0
62	12.75	12.083	41.26	0	0
63	13	12.333	41.26	0	0
64	13.25	12.583	41.26	0	0
65	13.5	12.833	41.26	0	0
66	13.75	13.083	41.26	0	0
67	14	13.333	41.26	0	0
68	14.25	13.583	41.26	0	0
69	14.4999	13.8329	41.26	0	0
70	14.7501	14.0831	41.26	0	0
71	15	14.333	41.26	0	0
72	15.25	14.583	41.26	0	0
73	15.5	14.833	41.26	0	0
74	15.75	15.083	41.26	0	0
75	16	15.333	41.26	0	0


Slug Test Analysis September 30, 2008
Former Li'L Cricket #339 Seneca, South Carolina
Bouwer and Rice Graph of MW-9
Ho is 1.1099 decimal feet at t = 10.02 sec
Log of Head Ratio (Ho/Ht)
1
0.1
0.01
Bouwer and Rice Parameter A is 2.27738
Bouwer and Rice Parameter B is 0.420952
ln(Re/Rw) = 2.165683e+00
Analysis Starts at time 10.019981 seconds
Analysis Ends at time 15.999984 minutes
76 Measurements Analyzed from 2 to 77
Hydraulic Conductivity = 0.00181256 feet/day
Transmissivity = 0.813529 gal/day/ft
0
5
10
15
Adjusted Time (minutes)
Project Number 2170B for Li'L Cricket / SCDHEC

Data from file:	\\SERVER\TERRY\PROJECTS\2170LI~1\2170B-~1\SLUGTE~1\MW9.SLG
Title:	Slug Test Analysis
Site Name:	Former Li'L Cricket #339
Location:	Seneca, South Carolina
Client:	Li'L Cricket / SCDHEC
Project Number:	2170B
Test Date:	September 30, 2008
Well Number:	MW-9
Casing Radius:	0.0833333 feet
Effective Well Radius:	0.374999 feet
Aquifer Thickness:	59.9999 feet
Water Table to Screen Bottom:	14.56 feet
Screen Length:	10 feet
Static Water Level:	40.4401 decimal feet

K ratio is not entered
There are 77 time and drawdown measurements
Tests starts with trial 2
Time values will be adjusted by 0.000115972 days (10.019981 seconds)

Trial	Time (minutes)	Adjusted Time (minutes)	Drawdown (decimal feet)	Head (decimal feet)	Head Ratio
1	0	-0.167	40.4401	0	0
2	0.167	0	41.55	1.1099	1
3	0.333	0.166	41.55	1.1099	1
4	0.5	0.333	41.55	1.1099	1
5	0.666999	0.5	41.55	1.1099	1
6	0.833	0.666	41.55	1.1099	1
7	0.999999	0.833	41.55	1.1099	1
8	1.167	1	41.55	1.1099	1
9	1.333	1.166	41.55	1.1099	1
10	1.5	1.33301	41.55	1.1099	1
11	1.667	1.5	41.55	1.1099	1
12	1.833	1.66601	41.55	1.1099	1
13	2	1.833	41.55	1.1099	1
14	2.167	2	41.55	1.1099	1
15	2.333	2.166	41.55	1.1099	1
16	2.5	2.333	41.55	1.1099	1
17	2.667	2.5	41.55	1.1099	1
18	2.833	2.666	41.55	1.1099	1
19	3	2.833	41.55	1.1099	1
20	3.16701	3.00001	41.5399	1.09973	0.990835
21	3.333	3.166	41.5399	1.09973	0.990835
22	3.50001	3.33301	41.5399	1.09973	0.990835
23	3.667	3.5	41.5399	1.09973	0.990835
24	3.83301	3.66601	41.5399	1.09973	0.990835
25	4	3.833	41.5399	1.09973	0.990835
26	4.167	4	41.5399	1.09973	0.990835
27	4.333	4.166	41.5399	1.09973	0.990835
28	4.5	4.333	41.5399	1.09973	0.990835
29	4.667	4.5	41.5399	1.09973	0.990835
30	4.833	4.666	41.5399	1.09973	0.990835
31	5	4.833	41.5399	1.09973	0.990835
32	5.16699	4.99999	41.5399	1.09973	0.990835
33	5.333	5.166	41.5399	1.09973	0.990835
34	5.49999	5.33299	41.5399	1.09973	0.990835
35	5.667	5.50001	41.5399	1.09973	0.990835
36	5.83299	5.66599	41.5399	1.09973	0.990835
37	6.00001	5.83301	41.5399	1.09973	0.990835
38	6.25	6.083	41.5399	1.09973	0.990835
39	6.5	6.333	41.5399	1.09973	0.990835
40	6.75	6.583	41.5399	1.09973	0.990835
41	7	6.833	41.5399	1.09973	0.990835
42	7.25	7.083	41.5399	1.09973	0.990835
43	7.5	7.333	41.5399	1.09973	0.990835

Trial	Time (minutes)	Adjusted Time (minutes)	Drawdown (decimal feet)	Head (decimal feet)	Head Ratio
44	7.74999	7.58299	41.5399	1.09973	0.990835
45	8.00001	7.83301	41.5399	1.09973	0.990835
46	8.25	8.08301	41.5399	1.09973	0.990835
47	8.5	8.333	41.5399	1.09973	0.990835
48	8.75	8.583	41.5399	1.09973	0.990835
49	9	8.833	41.5399	1.09973	0.990835
50	9.25	9.083	41.5399	1.09973	0.990835
51	9.5	9.333	41.53	1.08988	0.981967
52	9.75	9.583	41.53	1.08988	0.981967
53	9.99999	9.83299	41.53	1.08988	0.981967
54	10.25	10.083	41.53	1.08988	0.981967
55	10.5	10.333	41.53	1.08988	0.981967
56	10.75	10.583	41.53	1.08988	0.981967
57	11	10.833	41.53	1.08988	0.981967
58	11.25	11.083	41.53	1.08988	0.981967
59	11.5	11.333	41.53	1.08988	0.981967
60	11.75	11.583	41.53	1.08988	0.981967
61	12	11.833	41.53	1.08988	0.981967
62	12.25	12.083	41.53	1.08988	0.981967
63	12.5	12.333	41.53	1.08988	0.981967
64	12.75	12.583	41.53	1.08988	0.981967
65	13	12.833	41.53	1.08988	0.981967
66	13.25	13.083	41.53	1.08988	0.981967
67	13.5	13.333	41.53	1.08988	0.981967
68	13.75	13.583	41.53	1.08988	0.981967
69	14	13.833	41.53	1.08988	0.981967
70	14.25	14.083	41.53	1.08988	0.981967
71	14.4999	14.3329	41.5198	1.07971	0.972805
72	14.7501	14.5831	41.5198	1.07971	0.972805
73	15	14.833	41.5198	1.07971	0.972805
74	15.25	15.083	41.5198	1.07971	0.972805
75	15.5	15.333	41.5198	1.07971	0.972805
76	15.75	15.583	41.5198	1.07971	0.972805
77	16	15.833	41.5198	1.07971	0.972805

APPENDIX E

Soil and Water Disposal Manifests
(PENDING)

APPENDIX F

Figures

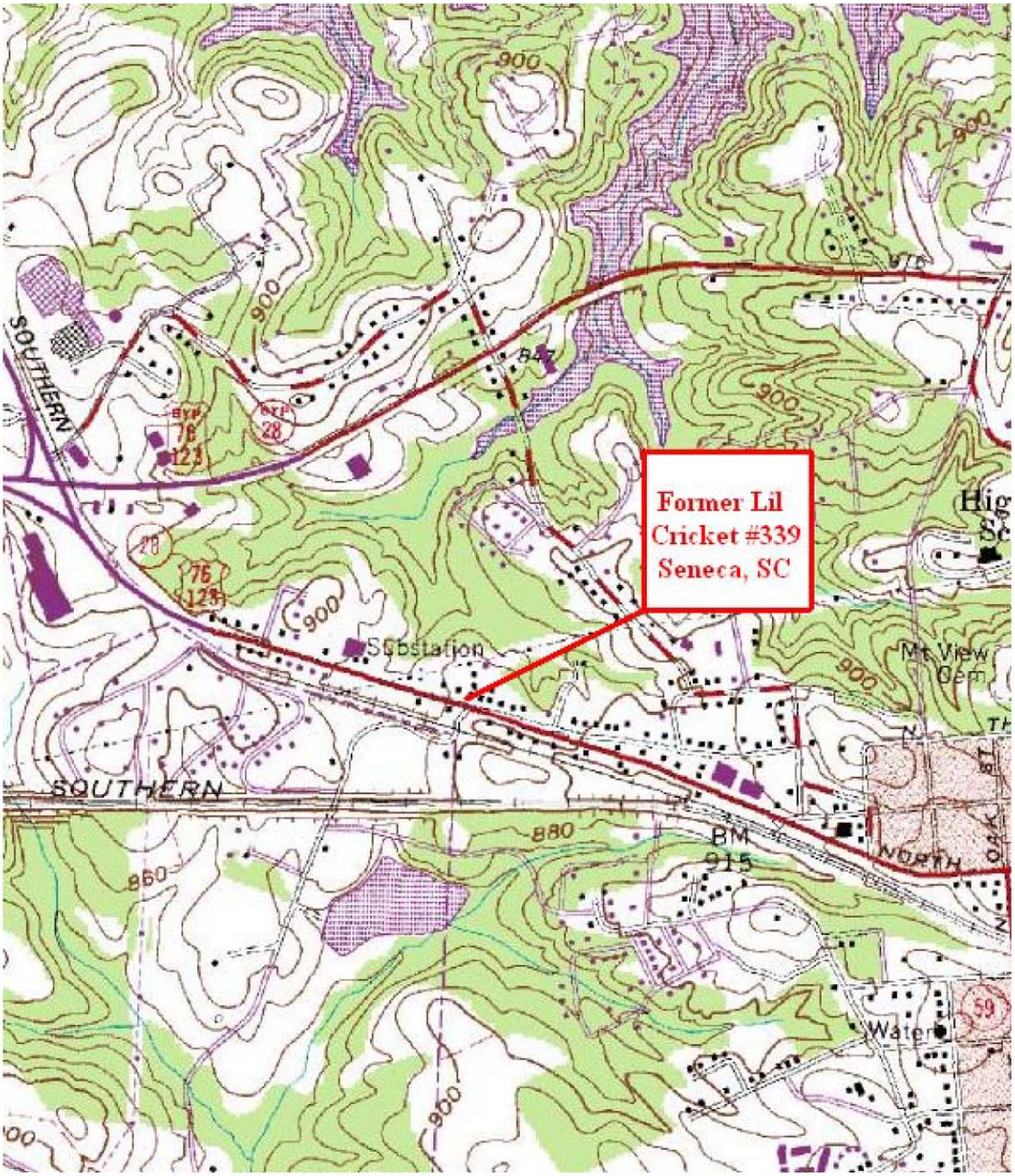


FIGURE 1
SITE LOCATION (USGS)

Former Li'l Cricket
800 West North First Street
Seneca, South Carolina

TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

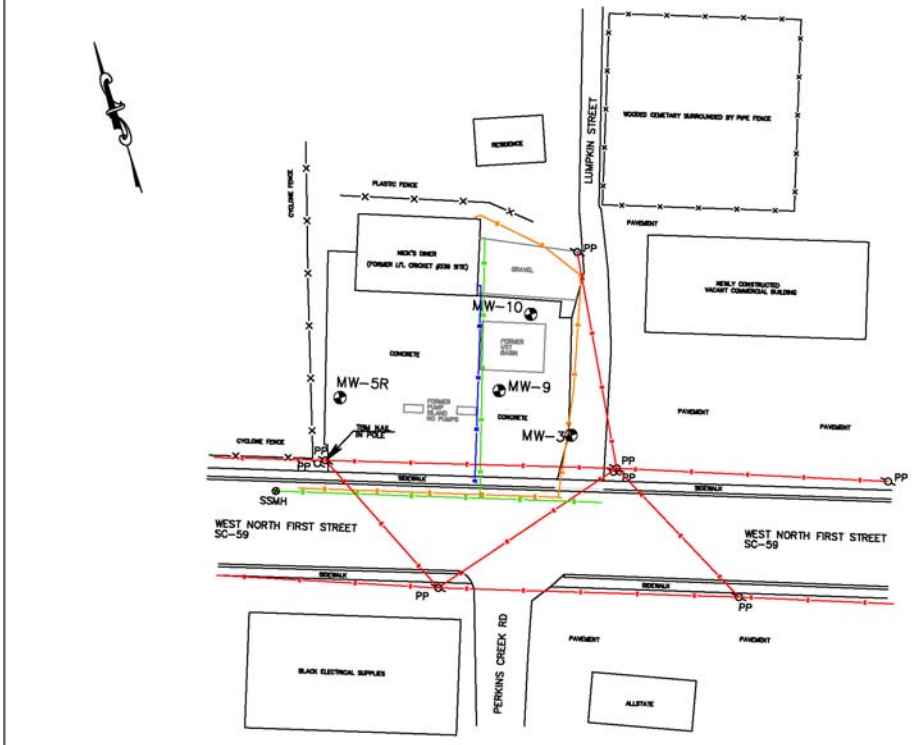
... providing our clients with the best services available, actually understanding our clients objectives, and making their obectives our own!

PO Box 25
Summerville, South Carolina 29484
(800) 325-0605 (843)-873-8200 fax: (843)-873-8765

SIZE	TERRY Project No.	DWG NO.	REV
B	2170B	Figure 1 Site Location	

SCALE: NOT TO SCALE

DATE: OCTOBER 2008



GRAPHIC SCALE 1"=50'

0 50 100 150

LEGEND AND ABBREVIATIONS:

- MW = MONITORING WELL
- SSMH = SANITARY SEWER MAN HOLE
- WM = WATER METER
- PP = POWER POLE
- GM = GAS METER
- UST = UNDERGROUND STORAGE TANK
- G = UNDERGROUND GAS LINE
- W = UNDERGROUND WATER LINE
- S = UNDERGROUND SEWER LINE
- E = OVERHEAD POWER LINE
- X = FENCE

COMPREHENSIVE SITE SKETCH OF

FORMER LIL' CRICKET #339

(NOW NICK'S DINER)
800 WEST NORTH FIRST STREET
SENECA, OCONEE COUNTY, SC
SCDHEC SITE ID #07303
PREPARED FOR

TERRY ENVIRONMENTAL SERVICES

SOUTH CAROLINA JAY S. JOSHI

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION

JAY S. JOSHI PLS # 14811
6000 SUMTER HWY, SUITE 101, COLUMBIA, SC, 29209 803-776-9909

DATE: OCTOBER 8, 2008 JOB #093008P

THIS PARCEL MAY BE SUBJECT TO EASEMENT AND/OR RIGHT-OF-WAYS NOT SHOWN. FINAL RESULTS, CONCLUSIVE OF TITLE SEARCH

NOTE: NOT FOR THE PURPOSE OF RECORDATION AT COUNTY, COURTHOUSE OR THE CONVEYANCE OF PROPERTY.

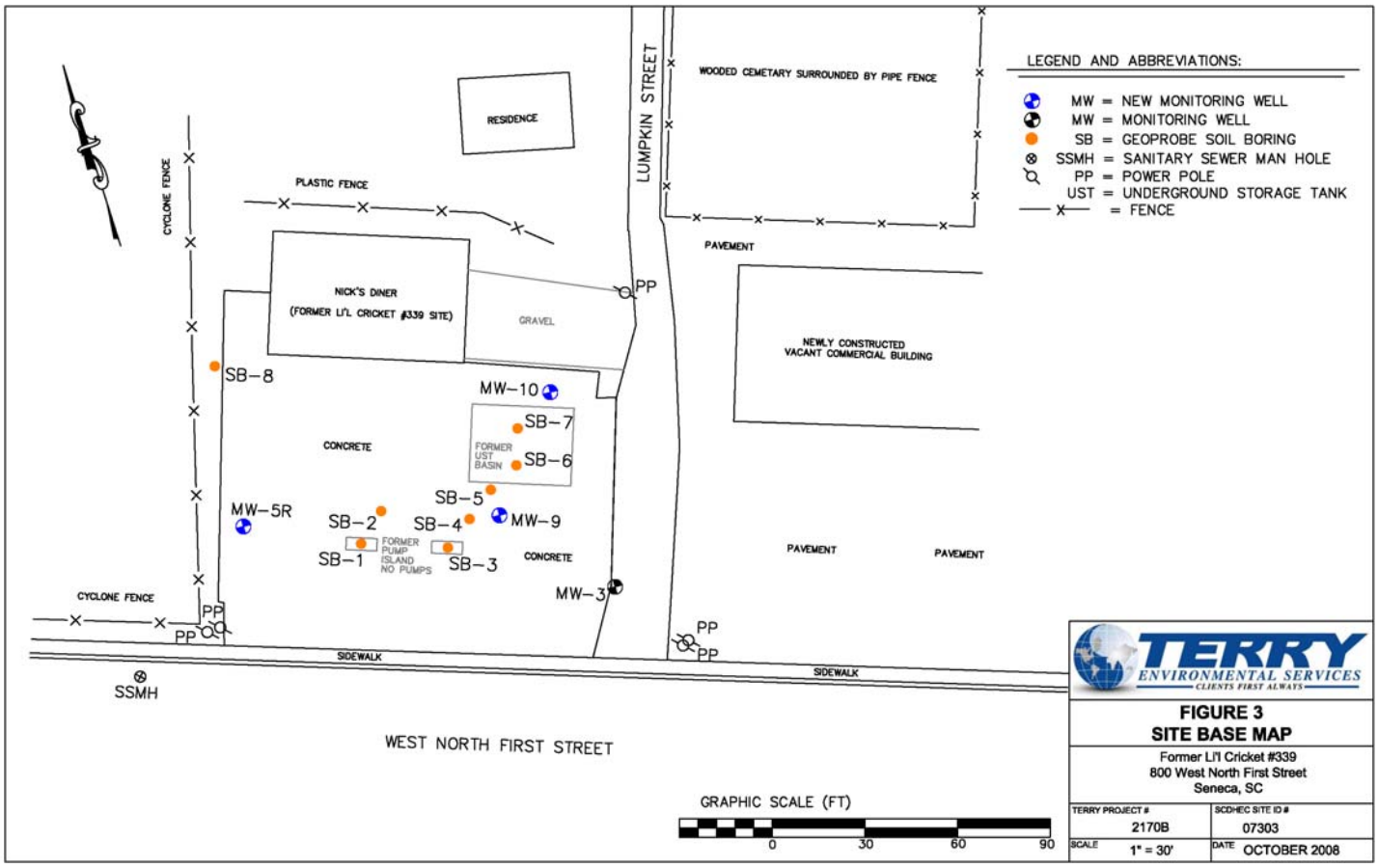
NOTE: I HEREBY CERTIFY THAT THE FIELD WORK, CALCULATIONS, AND DRAFTING WERE DONE UNDER MY DIRECT SUPERVISION.

TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

FIGURE 2
SITE MAP - SURVEYED

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170B	07303
SCALE 1" = 50'	DATE OCTOBER 2008

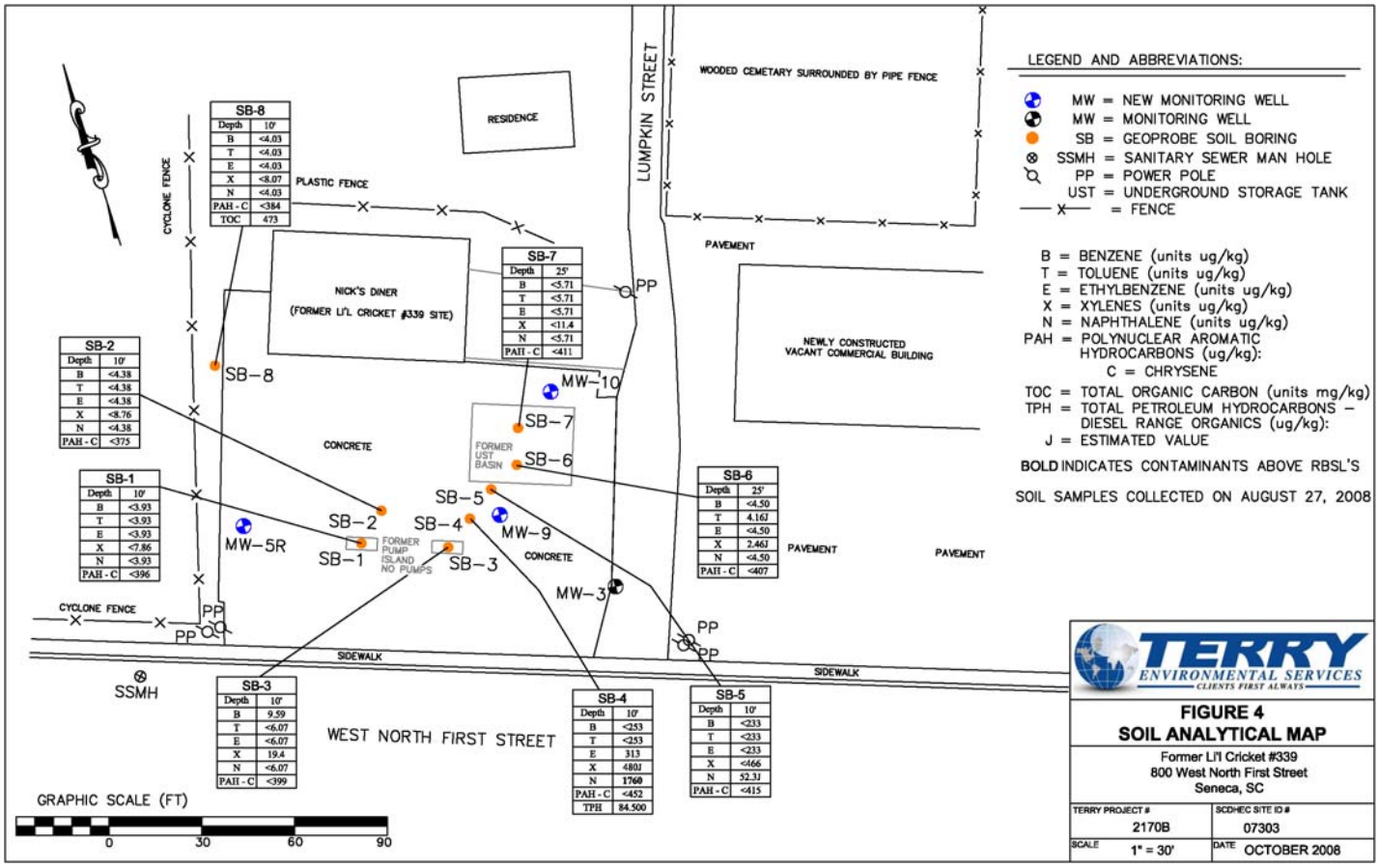


TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

FIGURE 3
SITE BASE MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170B	07303
SCALE 1" = 30'	DATE OCTOBER 2008



SB-8	
Depth	10'
B	<4.03
T	<4.03
E	<4.03
X	<8.07
N	<4.03
PAH - C	<384
TOC	473

SB-7	
Depth	25'
B	<5.71
T	<5.71
E	<5.71
X	<11.4
N	<5.71
PAH - C	<411

SB-2	
Depth	10'
B	<4.38
T	<4.38
E	<4.38
X	<8.76
N	<4.38
PAH - C	<375

SB-1	
Depth	10'
B	<3.93
T	<3.93
E	<3.93
X	<7.86
N	<3.93
PAH - C	<396

SB-6	
Depth	25'
B	<4.50
T	4.16J
E	<4.50
X	2.46J
N	<4.50
PAH - C	<407

SB-3	
Depth	10'
B	9.59
T	<6.07
E	<6.07
X	19.4
N	<6.07
PAH - C	<399

SB-4	
Depth	10'
B	<253
T	<253
E	313
X	480J
N	1760
PAH - C	<452
TPH	84,500

SB-5	
Depth	10'
B	<233
T	<233
E	<233
X	<466
N	52.3J
PAH - C	<415

LEGEND AND ABBREVIATIONS:

- MW = NEW MONITORING WELL
- MW = MONITORING WELL
- SB = GEOPROBE SOIL BORING
- SSMH = SANITARY SEWER MAN HOLE
- PP = POWER POLE
- UST = UNDERGROUND STORAGE TANK
- X = FENCE

B = BENZENE (units ug/kg)
T = TOLUENE (units ug/kg)
E = ETHYLBENZENE (units ug/kg)
X = XYLENES (units ug/kg)
N = NAPHTHALENE (units ug/kg)
PAH = POLYNUCLEAR AROMATIC HYDROCARBONS (ug/kg):
C = CHRYSENE
TOC = TOTAL ORGANIC CARBON (units mg/kg)
TPH = TOTAL PETROLEUM HYDROCARBONS – DIESEL RANGE ORGANICS (ug/kg):
J = ESTIMATED VALUE

BOLD INDICATES CONTAMINANTS ABOVE RBSL'S

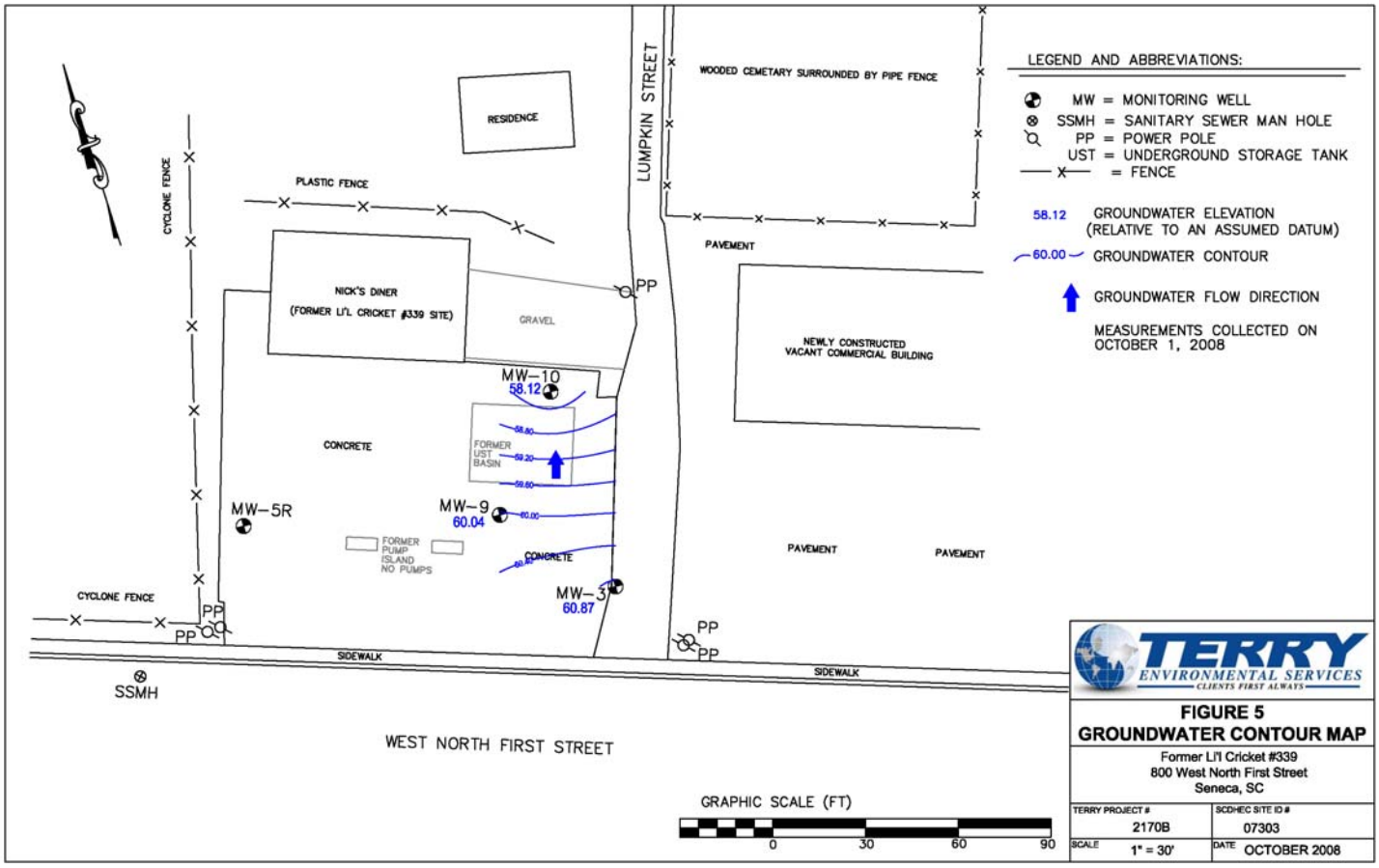
SOIL SAMPLES COLLECTED ON AUGUST 27, 2008

TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

FIGURE 4
SOIL ANALYTICAL MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170B	07303
SCALE 1" = 30'	DATE OCTOBER 2008

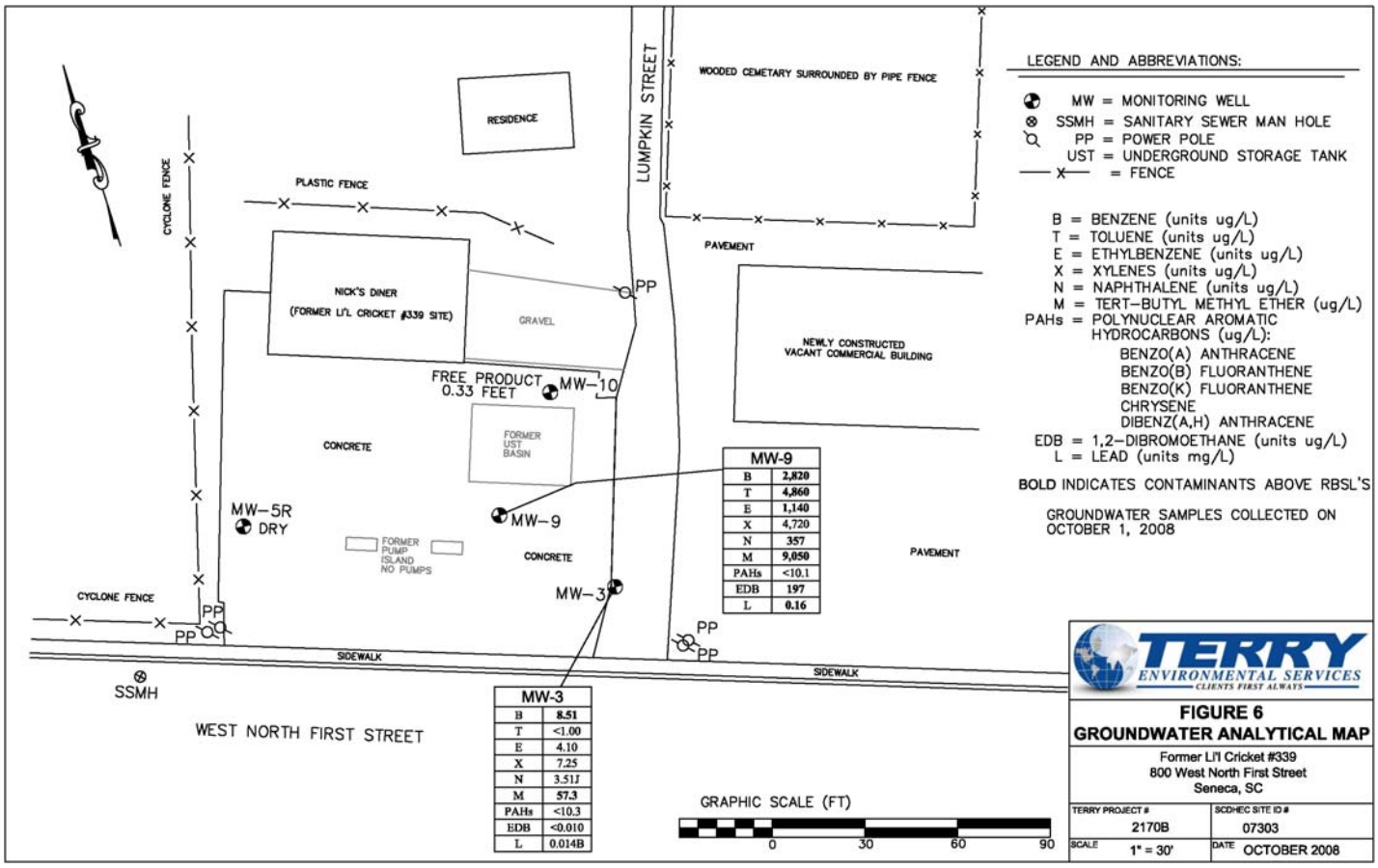


TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

FIGURE 5
GROUNDWATER CONTOUR MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170B	07303
SCALE 1" = 30'	DATE OCTOBER 2008



MW-9	
B	**2,820**
T	**4,860**
E	**1,140**
X	4,720
N	**357**
M	**9,050**
PAHs	<10.1
EDB	**197**
L	**0.16**

MW-3	
B	**8.51**
T	<1.00
E	4.10
X	7.25
N	3.51J
M	**57.3**
PAHs	<10.3
EDB	<0.010
L	0.014B

LEGEND AND ABBREVIATIONS:

MW = MONITORING WELL
SSMH = SANITARY SEWER MAN HOLE
PP = POWER POLE
UST = UNDERGROUND STORAGE TANK
X = FENCE

B = BENZENE (units ug/L)
T = TOLUENE (units ug/L)
E = ETHYLBENZENE (units ug/L)
X = XYLENES (units ug/L)
N = NAPHTHALENE (units ug/L)
M = TERT-BUTYL METHYL ETHER (ug/L)
PAHs = POLYNUCLEAR AROMATIC HYDROCARBONS (ug/L):
BENZO(A) ANTHRACENE
BENZO(B) FLUORANTHENE
BENZO(K) FLUORANTHENE
CHRYSENE
DIBENZ(A,H) ANTHRACENE
EDB = 1,2-DIBROMOETHANE (units ug/L)
L = LEAD (units mg/L)

BOLD INDICATES CONTAMINANTS ABOVE RBSL'S

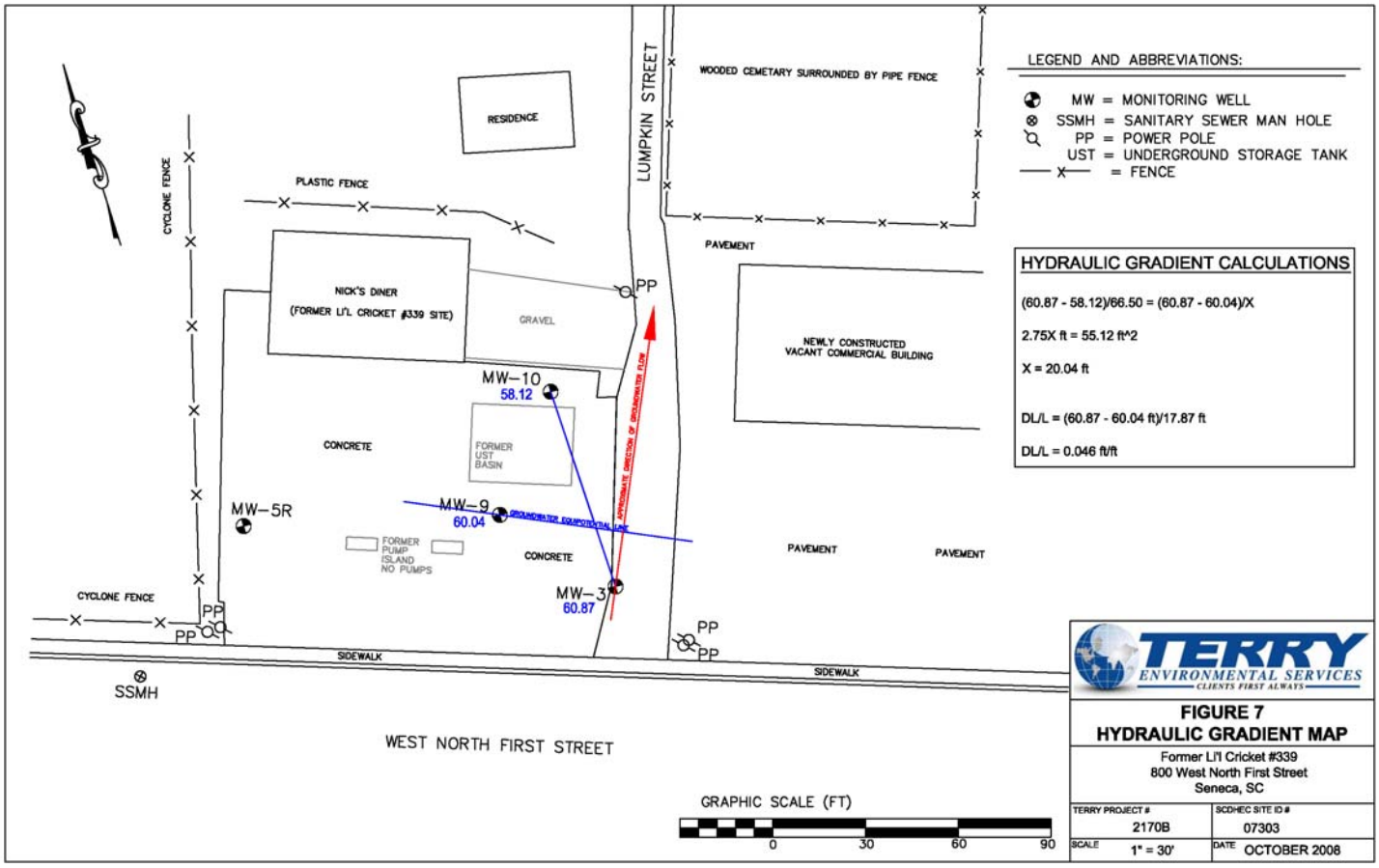
GROUNDWATER SAMPLES COLLECTED ON OCTOBER 1, 2008

TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

FIGURE 6
GROUNDWATER ANALYTICAL MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170B	07303
SCALE 1" = 30'	DATE OCTOBER 2008



LEGEND AND ABBREVIATIONS:

- MW = MONITORING WELL
- SSMH = SANITARY SEWER MAN HOLE
- PP = POWER POLE
- UST = UNDERGROUND STORAGE TANK
- X = FENCE

HYDRAULIC GRADIENT CALCULATIONS

(60.87 - 58.12)/66.50 = (60.87 - 60.04)/X

2.75X ft = 55.12 ft^2

X = 20.04 ft

DL/L = (60.87 - 60.04 ft)/17.87 ft

DL/L = 0.046 ft/ft

TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

FIGURE 7
HYDRAULIC GRADIENT MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170B	07303
SCALE 1" = 30'	DATE OCTOBER 2008

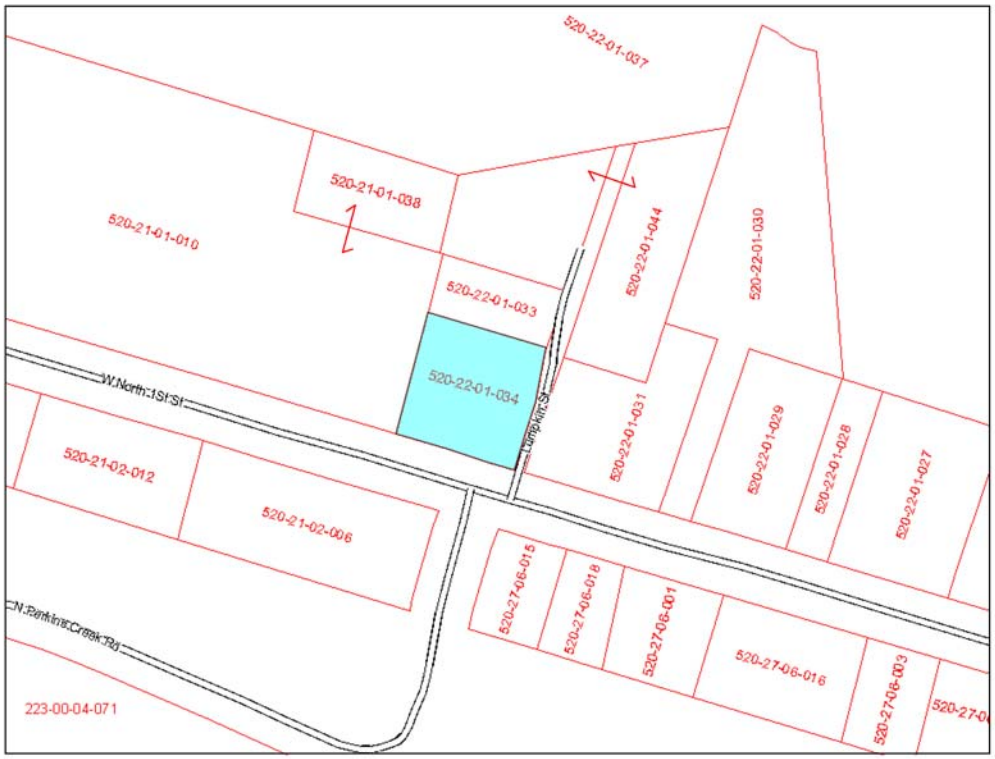
APPENDIX G

Tax Map Information

TAX MAP INFORMATION
FORMER LI'L CRICKET #339
800 WEST NORTH FIRST STREET
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT # 07303
TERRY PROJECT 2170B

PARCEL #	DESCRIPTION OF PROPERTY OWNED	PROPERTY ADDRESS	OWNER	OWNER ADDRESS	DEED BOOK#	DEED PG
520-22-01-034	Former Li'l Cricket #339	800 West North First Street Seneca, SC 29678	Thomas H. & Dorothy M. Glenn	809 West North First Street Seneca, SC 29678	1341	222
520-22-01-033	Residence	Lumpkin Street Seneca, SC 29678	James G. & Amanda D. Montague	227 Newton Road Seneca, SC 29678	852	280
520-22-01-044	Residence/Wooded Cemetery	211 Lumpkin Street Seneca, SC 29678	James L. & Lona H. Queen	211 Lumpkin Street Seneca, SC 29678	13I	004
520-22-01-031	Commercial Strip Mall - Vacant	722 West North First Street Seneca, SC 29678	Gerald H. Pryor	217 South Madison Avenue Seneca, SC 29678	1437	273
520-27-06-018	J B Marcengill Insurance Agency	719 West North First Street Seneca, SC 29678	Jared B. Marcengill	719 West North First Street Seneca, SC 29678	1232	162
520-27-06-015	Allstate Insurance Agency	721 West North First Street Seneca, SC 29678	Marcengill Agency Inc.	721 West North First Street Seneca, SC 29678	949	38
520-21-02-006	Black Electrical Supplies	801 West North First Street Seneca, SC 29678	Robert C. & Barbara B. Hamilton	P.O. Box 134 Greenville, SC 29602	1049	295
520-21-01-010 520-21-01-038	Duke Power Substation	No Address Identified	Duke Power/Duke Energy Corp.	P.O. Box 1007 Charlotte, NC 28201	1433	94

See Appendix G, Tax Map for location of parcels



TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

APPENDIX G
TAX MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170B	07303
SCALE: Not to Scale	DATE: OCTOBER 2008

APPENDIX H

Proposal

ASSESSMENT PLAN

SOUTH CAROLINA
Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Site ID # 07303 Facility Name Former Li'l Cricket #339

Site Maps

1. Attach a copy of the relevant portion of the USGS topographic map showing the site location.

2. Prepare a site base map. This map must be accurately scaled, but does not need to be surveyed. The map must include the following:

North	Legend with facility name and address, Site ID number, date, and a bar scale
Location of property lines	Streets or highways (indicate names and numbers)
Location of buildings	Identification of located buildings
Paved areas on or adjacent to site	Locations of all present and former ASTs and USTs
Previous soil sampling locations	Underground and above ground utilities on or adjacent to site
Previous monitoring well locations	Locations of any other potential receptor

Aquifer Characterization (Check one an provide explanation for choice)

Pump Test _____ Slug Tests x

Proposed slug tests will be performed using an In-situ Hermit Data Logger and associated transducer to obtain accurate measurements.

Small Volume Disposal Type and Method

Soil

Soil cuttings will be containerized within 55 gallon drums and disposed of properly.

Purge Water

Purge water will be containerized within 55 gallon drums and disposed of properly.

Additional Comments An AFVR Event should be performed on MW-10 to remove product.

ASSESSMENT PLAN

SOUTH CAROLINA
Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Site ID # 07303 County Oconee Facility Name Former Li'l Cricket #339

Facility Address 800 West North First Street, Seneca, SC

Responsible party Li'l Cricket Food Stores Address PO Box 4551, Spartanburg, SC

No. USTs 6 removed? Yes, Feb. 2000 & 2004 (date) replaced ? No (date)

Current use of facility/property Commercial property – vacant diner

Current property owner name Thomas H. Glenn

Current property owner address unknown

Field Screening Methodology

Specify the field screening methodology to be used. The use of field screening methods to optimize the number and location of permanent wells is required.

Due to auger refusal and bedrock encountered during the Tier I drilling activities, TERRY proposes that permanent monitoring well locations be discussed and confirmed with the SCDHEC Project Manager without the aid of groundwater field delineation data.

Permanent Monitoring wells (Estimate number and total completed depth)

# of shall wells 10 (□55□each) total depth 550□

# of deep wells 3 (□80□each) total depth 240□ (if necessary)

Comments, if warranted Based on previous site activities, an air rig will be needed for monitoring well installation.

Analyses BTEX, Naphthalene, MTBE

List the analytical parameters (e.g., BTEX MTBE) and estimated number.

Groundwater:

17 □ BTEX, Naphthalene, MTBE, 1,2-DCA

17 □ EDB

17 □ Lead

17 □ Oxygenates

13 □ Sulfates (New MW)

13 □ Ferrous Iron (New MW)

13 □ Nitrates (New MW)

13 □ Methane (New MW)

Implementation Schedule

Start up date Upon Approval Completion date 90 Days from Approval

Report submittal date 90 Days from Approval

ASSESSMENT COMPONENT INVOICE
SOUTH CAROLINA
Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
State Underground Petroleum Environmental Response Bank Account

Facility Name Former Li'l Cricket #339
UST Permit # 07303 Cost Agreement #

	ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
1	Plan				
	A. Plan Preparation	1	X	100.00	100.00
	B. Tax Maps		X	50.00	
2	Receptor Survey		X	500.00	
3	Comprehensive Survey		X	1,000.00	
4	Mob/Demob				
	A. Equipment - 9, 23	2	X	575.00	1,150.00
	B. Personnel - 9, 10, 17, 23	4	each	290.00	1,160.00
	C. Adverse Terrain Vehicle		X	575.00	
5	Soil Borings (hand auger)		feet X	14.00	
6	Soil Borings(drilled) Field Screening		feet X	17.00	
7	Soil Leachability Model		each X	200.00	
8	Abandonment		feet X	4.00	
9	Well Installation				
	A. Water Table (hand auger)		feet X	20.00	
	B. Water Table (drilled)		feet X	38.00	
	C. Telescoping	240	feet X	58.00	13,920.00
	D. Rock Drilling	550	feet X	58.00	31,900.00
10	Groundwater Sample collection				
	A. Groundwater	14	samples X	55.00	770.00
	B. Air Vapor		samples X	90.00	
	C. Water Supply		samples X	25.00	
	D. Groundwater No Purge	3	samples X	35.00	105.00
	E. Gauge Well Only		per well X	20.00	
11	Analyses-Groundwater	(See Analytical Methodology for analyses)			
	A. BTEX + Napth. + MTBE	17	samples X	100.00	1,700.00
	BB. 1,2-DCA	17	samples X	10.75	182.75
	C. BTEX+naph.+MTBE Trimethylbenzene		samples X	135.00	
	D. PAHs		samples X	120.00	
	E. Lead	17	samples X	20.00	340.00
	F. EDB	17	samples X	55.00	935.00
	G. 8 RCRA Metals		samples X	140.00	
	H. TPH (9070)		samples X	55.00	
	I. pH		samples X	10.00	
	J. BOD		samples X	40.00	
	K. Nitrate	13	samples X	20.00	260.00
	L. Sulfate	13	samples X	20.00	260.00
	M. Ferrous Iron	13	samples X	20.00	260.00
	N. Methane	13	samples X	110.00	1,430.00
	O. Organic Lead		samples X	100.00	
	P. 8 Oxygenates	17	samples X	85.00	1,445.00

Continued on second page

11	Analyses-Soils				
	Q. BTEX + Napth.		samples X	□100.00	
	R. PAH□s		samples X	□120.00	
	S. 8 RCRA Metals		samples X	□150.00	
	T. TPH (9071)		samples X	□60.00	
	U. TPH (3550B/8015B)		samples X	□65.00	
	V. TPH (5030B/8015B)		samples X	□65.00	
	W. Grain size / hydrometer		samples X	□75.00	
	X. Total Organic Carbon		samples X	□35.00	
11	Analyses-Air				
	Y. BTEX + Naph.		samples X	□100.00	
	Z. Hydrocarbon Fuel Identification		samples X	□593.00	
12	Aquifer Characterization□				
	A. Pumping Test		hours X	□120.00	
	B. Slug Test (1 shallow/1deep)	2	tests X	□150.00	□300.00
13	Free Product Recovery Rate Test□		tests X	□120.00	
14	Fate/Transport Modeling				
	A. Mathematical Model		each	□300.00	
	B. Computer Model		each	□500.00	
15	Risk Evaluation				
	A. Tier I Risk Evaluation		X	□300.00	
	B. Tier II Risk Evaluation		X	□500.00	
16	Subsequent Survey□		X	□260.00	
17	Disposal□				
	A. Wastewater				
	1. Purging/Sampling	8	drums X	□90.00	□720.00
	2. Pumping Test/EFR	2,000	gallons X	□0.60	□1,200.00
	B. Free Product		drums X	□110.00	
	C. Soil (Treatment/Disposal)	60	tons X	□50.00	□3,000.00
18	Miscellaneous (attach receipts)		X		
20	Tier I Assessment (Use DHEC 3665 form)				
21	IGWA (Use DHEC 3666 form)				
22	Corrective Action (Use DHEC 3687 form)				
23	EFR A. 8-hour Event□	1	each X	□3,000.00	□3,000.00
	B. Additional Hour		per hour X	□204.00	
	C. Off-gas treatment	8	per hour X	□35.00	□280.00
24	Granulated Activated Carbon (GAC)				
	filter system installation □ service:				
	A. New GAC System Installation□		each X	□2,500.00	
	B. Refurbished GAC Sys. Install□		each X	□850.00	
	C. Filter replacement/removal□		each X	□450.00	
	D. GAC System removal, cleaning,				
	□ refurbishment□		each X	□450.00	
	E. GAC System housing		each X	□450.00	
	F. In-line particulate filter		each X	□140.00	
	G. Additional piping □ fittings		feet X	□4.00	
19	Report/Project Management □ Coordination	□64,417.75	X	15□	□9,662.66
25	Total				□74,080.41

□The appropriate mobilization cost can be added to complete these tasks, as necessary.

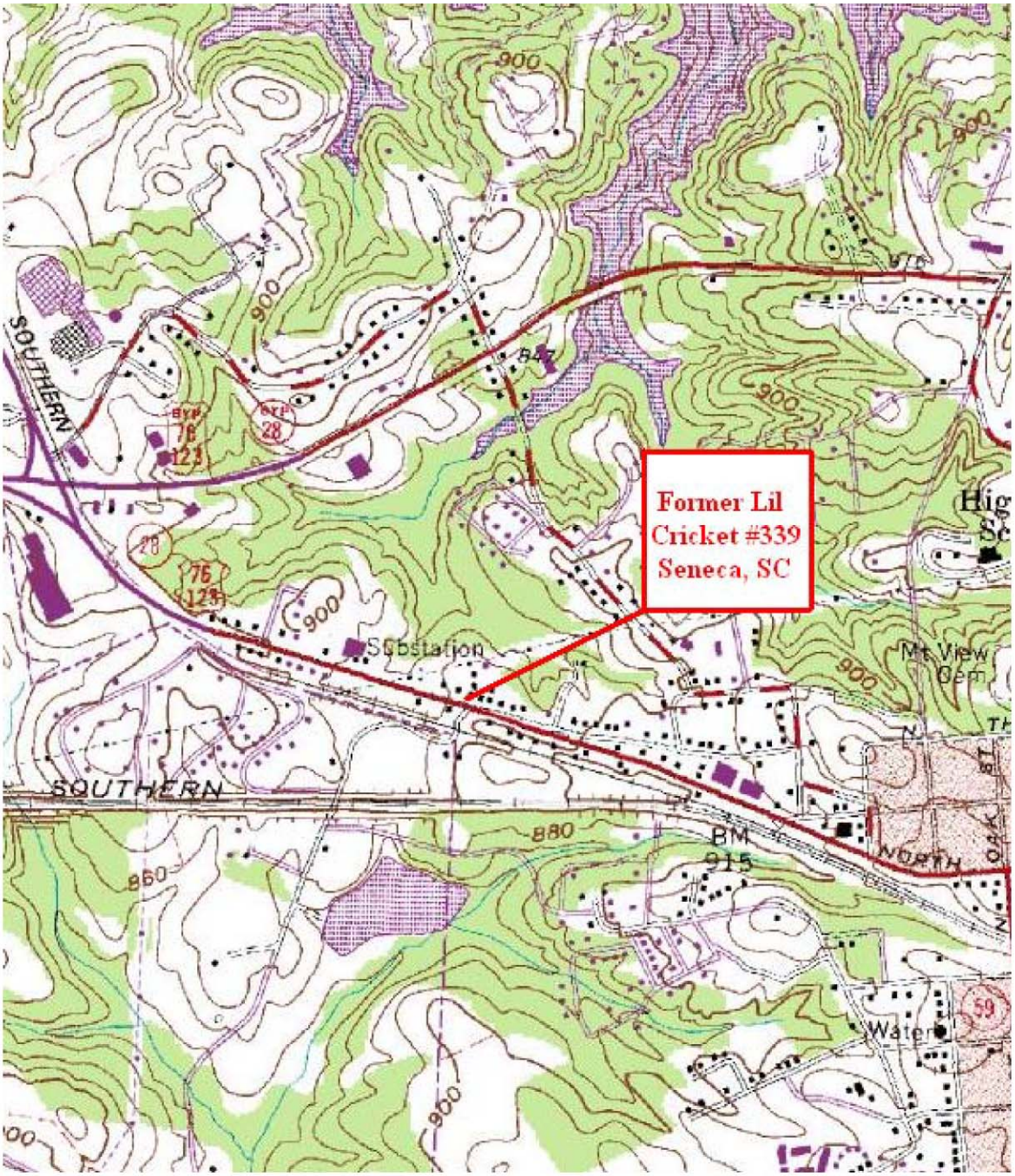


FIGURE 1
SITE LOCATION (USGS)

Former Li'l Cricket
800 West North First Street
Seneca, South Carolina

TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

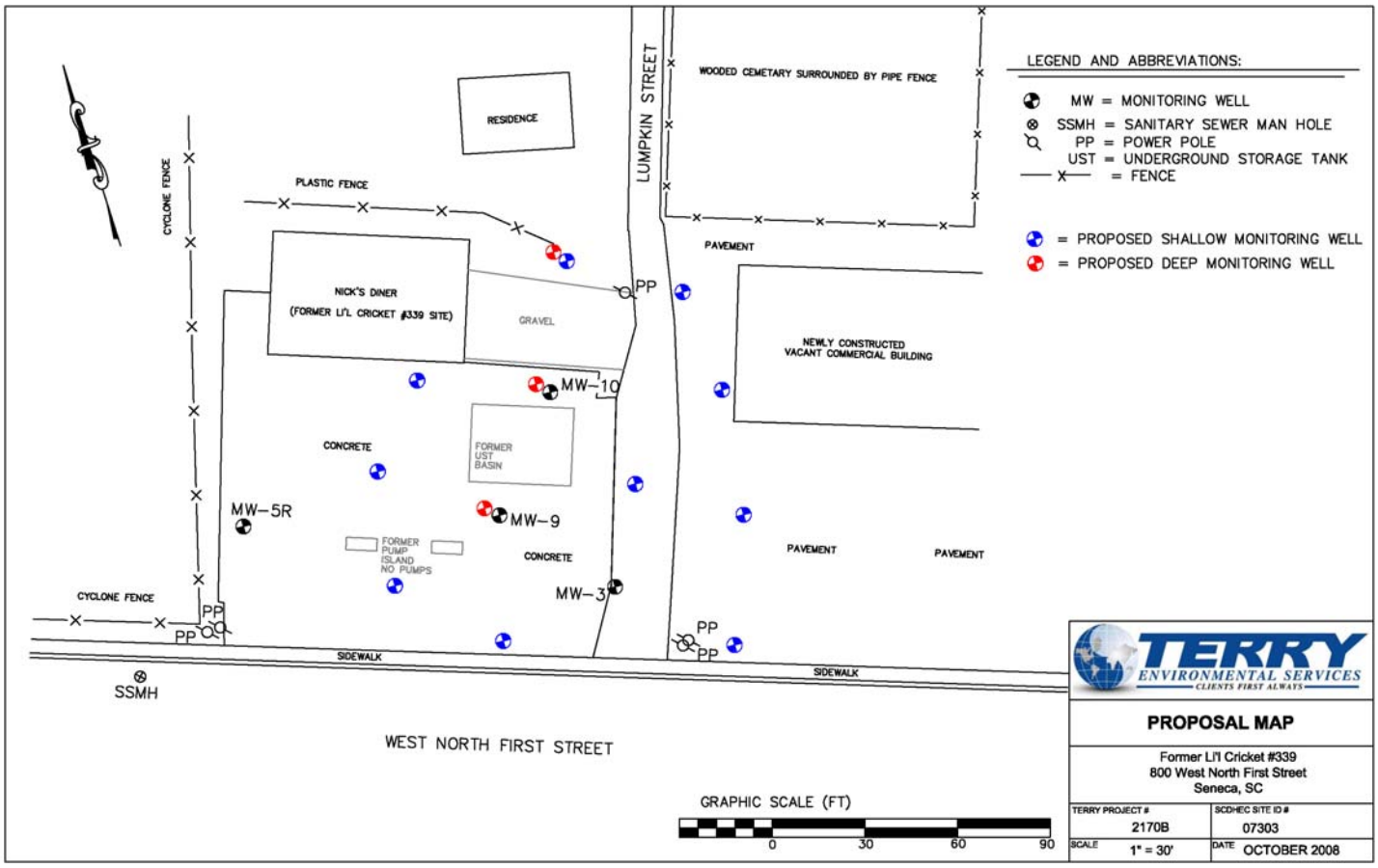
... providing our clients with the best services available, actually understanding our clients objectives, and making their obectives our own!

PO Box 25
Summerville, South Carolina 29484
(800) 325-0605 (843)-873-8200 fax: (843)-873-8765

SIZE	TERRY Project No.	DWG NO.	REV
B	2170B	Figure 1 Site Location	

SCALE: NOT TO SCALE

DATE: OCTOBER 2008



TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

PROPOSAL MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170B	07303
SCALE 1" = 30'	DATE OCTOBER 2008

07303

AFT

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of 1	3. Emergency Response Phone 800-922-9175	4. Waste Tracking Number 28085

GENERATOR

5. Generator's Name and Mailing Address
Lil Cricket Food Stores
c/o Terry Env., PO Box 25
Summerville, SC 29484
Generator's Phone: 843 873-8200

Generator's Site Address (if different than mailing address)
Former Li'l Cricket #339
800 North West First St.
Seneca, SC 29678

6. Transporter 1 Company Name
RuWay Environmental Services, LLC (fka WIS)
U.S. EPA ID Number SCD 987598331

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
VLS - Mauldin
305 South Main St.
Mauldin, SC 29662
Facility's Phone: 864-962-9953
U.S. EPA ID Number SCR000762468

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous/Non-Regulated Material Soil cuttings Profile # 8439 ✓	13	DM	715	G	
2.	Non-Hazardous/Non-Regulated Material Well water Profile # 8440	1	DM	55	G	
3.	1020-0772 1020-0773					
4.						

13. Special Handling Instructions and Additional Information
Job # 2008-770 Contact at Terry Env.: Kelly Cone 843-873-8200
NES PO#10995

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name Annette Bolstis As Agent Signature Month 10 Day 30 Year 08

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name Steve Duncan Signature Month 11 Day 6 Year 08
Transporter 2 Printed/Typed Name Signature Month Day Year

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year

UNDERGROUND STORAGE TANK PROGRAM
NOV 17 2008
RECEIVED
UST DOCKET
Stech

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name Todd Klein Signature Month 11 Day 06 Year 08

D H E C

PROMOTE PROTECT PROSPER

C. Earl Hunter, Commissioner

Promoting and protecting the health of the public and the environment.

NOV 19 2008

MR TERRY L LENMAN
LIL CRICKET CONVENIENCE STORES INC
PO BOX 4551
SPARTANBURG SC 29305-4551

Re: Tier II Assessment Report Directive
Former Li'l Cricket #339, 800 North West First Street, Seneca, SC
UST Permit # 07303; CA # 34419; MWA # UMW-22235
Release Reported April 27, 1989
Tier I and Assessment Plan with Associated Cost Agreement received November 5, 2008
Oconee County

Dear Mr. Lenman:

The Underground Storage Tank (UST) Program of the South Carolina Department of Health and Environmental Control (SCDHEC) recognizes your commitment to continue work at this site utilizing your own contractor, Terry Environmental, Incorporated. The UST Program agrees with your site rehabilitation contractor that an Aggressive Fluid and Vapor Recovery (AFVR) event should be conducted on monitoring well MW-10 and additional monitoring wells installed to define petroleum Chemicals of Concern (CoC) at the referenced facility.

Assessment activities at the site should begin immediately upon receipt of this letter. Cost agreement 34419 has been approved in the amount shown on the enclosed cost agreement form for a Tier II Assessment and AFVR event on monitoring well MW-10. Please be advised that SUPERB Account Allowable Costs dated February 1, 2006 states, "If the vertical and horizontal extent of chemicals of concern is not fully defined by the tier report, the Department may not approve additional future mobilizations for additional screening or well installation." Monitoring wells approval has been provided to your site rehabilitation contractor. A copy of the monitoring well approval is enclosed for your records. Assessment activities should be in accordance with the Tier II Guidance document and appendices a copy is available on line at our website at http://www.scdhec.gov/environment/lwm/html/ust_guidance_docs.htm.

The Tier II Assessment and AFVR Report and invoice are due within 90 days from the date of this letter. The soil sample exhibiting the highest volatile organic value above the saturated zone for each new monitoring well should be sent for laboratory analyses. Monitoring wells should be sampled approximately 30 days after the completion of the AFVR event. Existing groundwater monitoring wells that properly bracket the water table do not need to be purged. Groundwater samples from all monitoring wells associated with this release should be collected and analyzed for BTEX, naphthalene, MtBE, lead, EDB, 8 oxygenates, and 1,2 DCA. Additionally, the groundwater sample collected from all newly installed wells should be analyzed for nitrates, ferrous iron, and sulfates. Soil and groundwater samples should be analyzed in accordance with *Analytical Methodology for Soil and Groundwater Assessment for Petroleum Releases dated* June 24, 2005. A copy of this publication is available on line at http://www.scdhec.gov/eqc/lwm /forms/analmetpdf.

UST DOCKET

Terry Environmental Services, Incorporated can submit an invoice for direct billing from the State Underground Petroleum Environmental Response Bank (SUPERB) Account for approved costs. An interim well drilling invoice may be submitted for well installation. If the invoice is not submitted within 120 days from the date of this letter, monies allocated to pay this invoice will be uncommitted. This means that the invoice will not be processed for payment until all other committed funds are paid or monies become available. Please be advised if the time frame exceeds 45 days between the date when groundwater samples are collected and the date the report of findings is received, the analytical data will not be considered current and Terry Environmental Services, Incorporated will not be reimbursed for a personnel mobilization to collect the groundwater samples, laboratory analyses, or associated disposal costs. Beginning in 2009, the UST Program will begin requiring that laboratories be certified through the SCDHEC Office of Environmental Laboratory Certification for the oxygenate compounds. The UST Program will require that laboratories submit the application for certification no later than December 31, 2008. Beginning April 1, 2009, the UST Program will no longer reimburse costs for oxygenate analysis for any laboratory that is not certified. Detailed information regarding the oxygenate certification can be found on the UST Guidance Documents webpage. (http://www.scdhec.net/environment/lwm/forms/Oxygenate Certification.pdf). Any laboratory with questions regarding the certification requirements, should contact the Office of Environmental Laboratory Certification at (803) 896-0970. Please be advised that all applicable South Carolina certification requirements apply to the laboratory services, well installation, and report preparation. All site rehabilitation activities must be performed and submitted by a South Carolina Certified Underground Storage Tank Site Rehabilitation Contractor.

Please note that you and/or your contractor are responsible for obtaining all off-site access agreements and/or encroachment permits necessary for this scope of work.

The Department grants pre-approval for transportation of virgin petroleum impacted soil and groundwater from the referenced site to a permitted treatment facility. There can be no spillage or leakage in transport. All investigation-derived waste (IDW) must be properly contained and labeled prior to disposal. IDW should not be stored on-site longer than ninety (90) days. A copy of the disposal manifest and/or acceptance letter from the receiving facility that clearly designates the quantity received must be included as an appendix to the report. If the CoC concentrations, based on laboratory analysis, are below Risk Based Screening Levels (RBSLs), please contact the project manager for approval to dispose of soil and/or groundwater on site. The SUPERB Account will not reimburse for transportation or treatment of soil and/or groundwater with concentrations below RBSLs.

On all correspondence regarding this site, please reference UST Permit number 07303. Should you have any questions regarding this correspondence, please feel free to contact me at (803) 896-6669, fax me at (803) 896-6245, or e-mail me at shradeaa@dhec.sc.gov.

Sincerely,

Arthur Shrader, Hydrogeologist
Assessment Section
Assessment and Corrective Action Division
Bureau of Land and Waste Management

enc: Approved Cost Agreement (ACA)
Monitoring Well Approval (MWA)

cc: Mr. Glenn, 800 North West First Street, Seneca, SC 29678 (without enc.)
Terry Environmental Services, Inc., PO Box 25, Summerville, SC 29484 (with enc.)
Technical file (with enc.)

D H E C

PROMOTE PROTECT PROSPER

C. Earl Hunter, Commissioner

Promoting and protecting the health of the public and the environment.

Monitoring Well Approval

Approval is hereby granted to:	Terry Environmental Services, Incorporated
(On behalf of):	Lil Cricket Food Stores Incorporated
Facility:	Li'l Cricket #339, 800 North West First Street, Seneca, SC
UST Permit Number:	07303
County:	Oconee

This approval is for the installation of ten shallow and three deep pit cased groundwater-monitoring wells. The monitoring wells are to be installed in the approved locations. The monitoring wells are to be installed following the South Carolina Well Standards, R.61-71, and the applicable guidance documents.

Please note that R.61-71 requires the following:

1. All wells shall be drilled, constructed, and abandoned by a South Carolina certified well driller per R.61-71.D.1.

2. All monitoring wells shall be labeled as required by R.61-71.H.2.c.

3. A Water Well Record Form or other form provided or approved by the Department shall be completed and submitted to the Department within 30 days after well completion or abandonment unless another schedule has been approved by the Department. The form should contain the "as-built" construction details and all other information required by R.61-71.H.1.f

4. All analytical data and water levels obtained from each monitoring well shall be submitted to the Department within 30 days of receipt of laboratory results unless another schedule has been approved by the Department as required by R.61-71.H.1.d.

5. If any of the information provided to the Department changes, notification to Arthur Shrader (tel: (803) 896-6669 or e-mail: shradeaa@dhec.sc.gov) shall be provided a minimum of twenty-four (24) hours prior to well construction as required by R.61-71.H.1.a.

6. All temporary monitoring wells shall be abandoned within 5 days of borehole completion using appropriate methods as required by R.61-71.H.4.c. All other wells shall be properly developed per R.61-71.H.2.d.

7. Departmental approval is required prior to abandonment of all monitoring wells as required by R.61-71.H.1.a.

This approval is pursuant to the provisions of Section 44-55-40 of the 1976 South Carolina Code of Laws and R.61-71 of the South Carolina Well Standards and Regulations, dated April 26, 2002. A copy of this approval should be on the site during well installation.

Date of Issuance: **November 6, 2008** **Approval #:** **UMW-22235**

Arthur Shrader Hydrogeologist
Assessment Section
Division of Assessment and Corrective Action
Bureau of Land and Waste Management

Approved Cost Agreement 34419

Facility: 07303 LIL CRICKET 339
SHRADEAA
PO Number:

Task / Description	Categories	Item Description	Qty / Pct	Unit Price	Amount
01 PLAN					
		A PLAN PREPARATION	1.0000	100.00	100.00
04 MOB/DEMOB					
		A EQUIPMENT	2.0000	575.00	1,150.00
		B PERSONNEL	4.0000	290.00	1,160.00
09 WELL INSTALLATION					
		B WATER TABLE (DRILLED)	240.0000	38.00	9,120.00
		C TELESCOPING	550.0000	58.00	31,900.00
10 SAMPLE COLLECTION					
		A GROUND WATER	14.0000	55.00	770.00
		D GROUNDWATER NO-PURGE	3.0000	35.00	105.00
		F SAMPLE BELOW PRODUCT	1.0000	50.00	50.00
11 ANALYSES					
	GW GROUNDWATER	A BTEX+NAPTH+MTBE	17.0000	100.00	1,700.00
		BB 1,2-DCA	17.0000	10.75	182.75
		D GW PAH'S	17.0000	120.00	2,040.00
		E LEAD	17.0000	20.00	340.00
		K NITRATE	17.0000	20.00	340.00
		L SULFATE	17.0000	20.00	340.00
		M FERROUS IRON	17.0000	20.00	340.00
		P 8 OXYGENATES	17.0000	85.00	1,445.00
	SOIL SOIL	Q BTEX+NAPTH	13.0000	100.00	1,300.00
		W GRAIN SIZE/HYDROMETER	2.0000	75.00	150.00
12 AQUIFER CHARACTERIZATION					
		B SLUG TEST	2.0000	150.00	300.00
17 DISPOSAL					
		A1 WASTEWATER - PURGING/SAMPLING	2.0000	90.00	180.00
		A2 WASTEWATER - PUMPING TEST	1,000.0000	0.60	600.00
		C SOIL (TREATMENT/DISPOSAL)	60.0000	50.00	3,000.00
19 RPT/PROJECT MNGT & COORDINATIO					
		PCT PERCENT	0.1500	59,892.75	8,983.91
23 EFR					
		A 8 HOUR EVENT	1.0000	3,000.00	3,000.00
		C OFF GAS TREATMENT	8.0000	35.00	280.00
			Total Amount		68,876.66

UST Permit # 07303
CA # 33062

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of 1	3. Emergency Response Phone 800-922-9175	4. Waste Tracking Number

RECEIVED
DEC 2 2008

5. Generator's Name and Mailing Address
Lil Cricket Food Stores
c/o Terry Env., PO Box 25
Summerville, SC 29484
Generator's Phone: 843 873-8200

Generator's Site Address (if different than mailing address)
Former Li'l Cricket #339
800 North West First St.
Seneca, SC 29678

6. Transporter 1 Company Name
NuWay Environmental Services, LLC (fka NIS)
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
VLS - Mauldin
305 South Main St.
Mauldin, SC 29662
Facility's Phone: 864-962-9953
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Hazardous/Non-Regulated Material Soil cuttings Profile # 8439 ✓	13	DM	715	G
2.	Non-Hazardous/Non-Regulated Material Well water Profile # 8440	1	DM	55	G
3.	1020-0772 1020-0773				
4.					

GENERATOR

13. Special Handling Instructions and Additional Information
Job # 2008-770 Contact at Terry Env.: Kelly Cone 843-873-8200
NES PO#10995

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name Annette Bolstis As Agent Signature Month 10 Day 30 Year 08

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name Steve Dumas Signature Month 11 Day 6 Year 08
Transporter 2 Printed/Typed Name Signature Month Day Year

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
17b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year

UST DOCKET
After

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name Todd Klein Signature Month 11 Day 06 Year 08

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY'S COPY

TIER II ASSESSMENT
FORMER LI'L CRICKET #339
800 WEST NORTH FIRST STREET
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
CA #34419

Prepared For:

SCDHEC UNDERGROUND STORAGE TANK PROGRAM
2600 BULL ST.
COLUMBIA, SC 29201

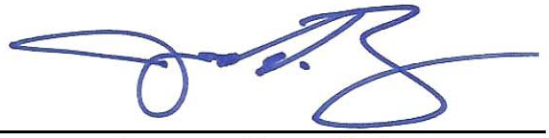
Submitted By:

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. BOX 25
SUMMERVILLE, SOUTH CAROLINA 29484
(843) 873-8200
Fax (843) 873-8765
www.terryenvironmental.com

UST CONTRACTOR #223
TERRY PROJECT #2170C

Kelly K. Cone
Project Manager



Jason A. Terry, P.G.
President

MARCH 2009

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1.0 INTRODUCTION

TERRY Environmental Services, Inc. (TERRY) has been contracted by Li'l Cricket Food Stores to serve as the environmental contractor for the Former Li'l Cricket #339 Site, South Carolina Department of Health and Environmental Control (SCDHEC) UST Permit #07303. The Tier II Assessment presented herein documents the beginning of horizontal and vertical delineation of the contaminant plume and provides a contaminant concentration and migration baseline for the site. The site is located at 800 West North First Street, Seneca, South Carolina (Appendix 1, Figure 1). The site is bordered to the north by residential property, to the east by commercial property, to the south by West North First Street, and to the west by a Duke Power substation. Further to the south across West North First Street are commercial properties. A detailed site map originating from a comprehensive survey completed by Jay S. Joshi (SC Registered Land Surveyor #14811) of Construction Support Services, Inc. on October 8, 2008 is provided in Appendix 1 as Figure 2. A copy of the Oconee County tax map with the UST site and nearby properties identified by their associated tax map numbers is provided in Appendix 1 as Figure 3, and a tax map table containing the property owner's names and addresses is provided in Table 1, Appendix 2.

1.1 Regional Geology and Hydrogeology

The Former Li'l Cricket #339 site is located in Seneca, SC which lies in the Western Piedmont Province of South Carolina approximately 20 miles to the southeast of the Brevard fault zone. The western piedmont is comprised of the Inner Piedmont block, the Smith River allochthon, and the Sauratwon Mountain window. The Inner Piedmont block encompasses the Inner Piedmont belt and the Chauga belt, and consists of a composite stack of thrust sheets containing a variety of gneisses, schists, amphibolites, sparse ultramafic bodies, and intrusive granitoids. (Source: The Geology of the Carolinas, Horton & Zullo, 1991)

The Former Li'l Cricket #339 site is located in the Inner Piedmont Belt which consists of sillimanite-grade regional metamorphism that decreases in grade to the northwest towards Pickens. Generally, wells drilled to depths less than 250 feet in the rocks of the Inner Piedmont Belt of Pickens County yield one-half to 500 gallons per minute. The highest average yields were obtained from wells drilled in biotite granite gneiss and the lowest average yields were from wells drilled in hornblende gneiss. The average yield of all wells inventoried was 21 gallons per minute. (Source: USGS/SCWRC Report 1: A Reconnaissance of the Water Resources of Pickens County, South Carolina, 1968)

1.2 Receptor Survey Results

During the Tier I Assessment, TERRY personnel conducted a receptor survey within a 1,000 foot radius of the Former Li'l Cricket #339 site to include visual reconnaissance and review of recent aerial and satellite photography. TERRY personnel performed visual reconnaissance of the local area to locate private irrigation wells, but no obvious signs of private water wells (i.e. well houses) were discovered. In future events, TERRY will maintain a vigilant watch for potential wells which may act as receptors. No surface water bodies were observed within a 1,000 foot radius of the subject site. According to the USGS map, Lake Keowee is located approximately 2,500 feet to the north-northeast of the site (Appendix 1, Figure 1).

Potential onsite receptors primarily include public utilities such as city water, sewer, and natural gas lines. Some of the various utility lines lie within and/or down gradient of the contaminant plume at depths ranging between 1 and 10 feet below ground surface (bgs). Given the depth and location of contamination, the location of underground utilities, and the direction of groundwater flow (northeast), the risk of vapor intrusion into the utility lines is a potential risk, while vapor intrusion into the Former Li'l Cricket #339 building is minimal.

2.0 SITE SPECIFIC ASSESSMENT INFORMATION

2.1 Site Specific Geology and Hydrogeology

The general soil profile onsite, as noted during drilling activities, consists of mostly clayey silt and sandy silt. Partially weathered rock and/or bedrock were encountered at depths ranging from approximately 28 feet to 45 feet. The shallow aquifer was generally encountered between 40 and 47 feet bgs. More detailed site-specific geology and stratigraphy can be found in the Well Construction Logs in Appendix 4. Depth to groundwater varied across the site between 40.33 feet from the top of the well casing (TOC) in MW-19 to 53.20 feet from TOC in MW-5R. Water table elevations onsite varied between 46.81 feet in MW-5R to 60.61 feet in MW-3.

2.2 Assessment Results

2.2.1 Aggressive Fluid Vapor Recovery Event

On December 11, 2008 TERRY personnel gauged MW-10 prior to the AFVR event and measured 0.26 feet of free-phase product. The AFVR was then attempted on MW-10. However, after the initial 3 to 4 hours of the event there was a malfunction with the vacuum truck. Therefore, the AFVR Event was terminated and rescheduled. A total of 75 gallons of liquid were recovered during this event. The Disposal Manifest is provided in Appendix 3.

The subsequent rescheduled AFVR Event was conducted on January 13, 2009. TERRY personnel gauged MW-10 prior to the AFVR event and measured 0.05 feet of free-phase product. The AFVR was then performed on MW-10. The initial depth to groundwater reading for MW-10 was 44.00 feet from TOC. A one inch diameter PVC drop tube was placed in MW-10 to a depth of approximately 6 inches below the measured water table. The stinger pipe was sealed to the monitoring well casing at the surface and connected to the tanker truck. Pumping began at 12:45 PM and continued until 20:45 PM at which point the receiving tank was measured and had collected 100 gallons of liquid. Vacuum readings at the well head ranged from 14 to 15 inches of mercury (Hg), and averaged 14.2 inches throughout the event.

Measurements of the vapor emissions exiting the stack of the vacuum truck were taken at thirty minute intervals throughout the event. These measurements include vacuum, temperature, velocity, humidity, and volatile organic compound concentrations in parts per million. Off-gas treatment was provided during the event as directed by the SCDHEC Project Manager.

Upon completion of the AFVR event, MW-10 was gauged again and no free-phase product was noted. The final depth to groundwater reading for MW-10 was 44.06 feet from TOC. A total of 100 gallons of liquid were recovered during this event. In addition, 27.13 pounds of gasoline vapors (4.34 gallons of gasoline) were recovered as emissions during the course of the AFVR event. The effluent vapors were processed on-site through a vapor phase granular activated carbon (GAC) unit before being released into the atmosphere.

Water table drawdown and influence vacuum were measured in MW-9, MW-13, MW-15, and MW-16 over the course of the AFVR event (Appendix 1, Figure 4). Initial groundwater readings for MW-9, MW-13, MW-15, and MW-16 were 40.48, 45.44, 47.19, and 41.95 feet below TOC's respectively. The maximum observed water table drawdown was measured in MW-13 at 0.11 feet. MW-9 and MW-16 exhibited no measurable vacuum during the eight-hour AFVR event, while MW-13 and MW-15 had intermittent vacuum levels ranging from 0.0 to 0.6 inches of water which resulted in an approximate radius of vacuum influence of 43 feet. The groundwater drawdown measurements and distance from the recovery well MW-10 were analyzed using a linear regression to determine that the estimated radius of groundwater influence (cone of depression) created during this event was 42 feet. All data associated with the AFVR event including Emission Calculations and the Disposal Manifests are provided in Appendix 3.

2.2.2 Well Installation

Due to auger refusal and bedrock encountered during the Tier I drilling activities, the permanent monitoring well locations were proposed and subsequently approved by the SCDHEC UST Project Manager without the aid of additional groundwater field delineation data. Ten (10) shallow monitoring wells and three (3) deep monitoring wells were installed and developed January 5 through January 9, 2009. Well Construction Logs are provided in Appendix 4.

During well installation, soil samples were collected from the screened interval of MW-19 and above the top of bedrock for DW-3. A sieve analysis for silt, sand, and clay fraction was performed by a certified SCDHEC laboratory (Access Analytical) in accordance with ASTM D422 on both samples. The Grain Size Distribution results indicated the soil samples were comprised of 78% sand, 15% Silt, and 7% Clay for MW-9 and comprised of 73% sand, 17% Silt, and 10% Clay for DW-3. Additionally, during well installation, soil samples were collected from each new well at five (5) foot intervals and field screened with a PID. The soil sample from each boring that exhibited the highest concentration above the water table during the field screen was submitted to the laboratory for analysis. If the level of contamination for all depths were equal, the deepest sample collected above the water table was submitted for analysis. The Soil Analytical Data are provided in Appendix 1 on Figure 5, in Appendix 2 on Table 2, and in Appendix 5. A Geologic Transects Map is provided in Appendix 1 as Figure 6, and the associated Geologic Cross Sections (A-A' and B-B') are provided in Appendix 1 as Figures 7A and 7B, respectively. Soil cuttings were initially stored in 55-gallon drums onsite pending analytical results from the sampling event.

2.2.3 Sampling Event & Piezometric Data

TERRY sampled the site on February 16 and February 17, 2009. The samples were submitted to Access Analytical, Inc. (SCDHEC certified laboratory #73006) for analyses. Just prior to the sampling event, monitoring wells were gauged with an oil/water interface probe to determine depth to groundwater measurements and the

presence or absence of free-phase petroleum. Depth to groundwater measurements were taken with reference to the top of well casing (TOC) and converted to elevations by subtracting the depth to groundwater measurements from the TOC elevations. MW-10 contained 0.10 feet of free-phase petroleum hydrocarbons (free product) and was not sampled during this event. Piezometric data are provided in Appendix 2 as Table 3 and on the Well Sampling Logs provided in Appendix 6. Piezometric contours were created using the piezometric data and linear interpolation between known groundwater elevations. The resulting Groundwater Contour Map is included in Appendix 1 as Figure 8. Based on the piezometric data, groundwater flow is northeast. Well development and purge water were initially stored in 55-gallon drums onsite pending analytical results from the sampling event.

2.2.4 Groundwater Analytical Results

The Groundwater analytical data are provided in Appendix 2 as Table 4 and also in Appendix 7. The analytical data were used to generate contaminant concentration maps for COC's detected by the laboratory and these maps are provided in Appendix 1 as Figures 9A and 9B. The analytical results indicate that the groundwater contamination originates in the area of the former dispenser islands and the UST basin and migrates in the direction of groundwater flow toward the adjacent property located to the northeast. Based on the laboratory analytical results from the sampling event, the soil cuttings, well development, and well purge water will be disposed of by NuWay Environmental Services in March 2009. The Disposal Manifest(s) (Appendix 8) will be sent to the SCDHEC Project Manager upon receipt from NuWay Environmental Services.

2.3 Aquifer Evaluation Results

2.3.1 Hydraulic Conductivity & Transmissivity

The hydraulic conductivity (*K*) was calculated using slug test data gathered on February 16, 2009. Monitoring wells MW-19 and DW-3 were utilized for data collection and the hydraulic conductivity was calculated by the Bouwer-Rice method. The calculated hydraulic conductivity was 1.37 ft/day for MW-19 and 1.878 ft/day for DW-3. The calculations are provided in Appendix 9.

2.3.2 Average Linear Flow Velocity and Hydraulic Gradient

The hydraulic gradient is calculated by dividing the change in water table elevation between two points (Δh) by the linear distance between the same two points (Δl) and then relating this change to a third point (mid-point) between the original two points. Using this method, the hydraulic gradient was calculated for the site; see Figure 10 in Appendix 1. The calculated gradient for the site is:

- MW-13, MW-15, MW-19 = 0.0459 ft/ft

Linear flow velocity is then calculated using the hydraulic gradient for the site and a modified form of Darcy's equation:

V=Ki/n

where: V = the average linear flow velocity (L/t)

K = the hydraulic conductivity (L/t)

n = the estimated effective porosity (%) = .45

(n is based on the Grain Size Distribution Test Report in Appendix 5)

i = the hydraulic gradient (L/L)

The linear flow velocity is calculated to be:

V=Ki/n

V=(1.37 ft/day)(0.046ft/ft)/.45

V= 0.140 ft/day or **51.10 ft/year**

This is used to represent the migration of COC through the soil towards the receptor. Aquifer calculations are provided in Appendix 9.

3.0 CONCLUSIONS AND RECOMMENDATIONS

3.1 Conclusions

From this Tier II Addendum the following conclusions can be made:

- COC impacted groundwater is present outside the source zone and the migration of the CoC's is northeast in the direction of groundwater flow at the rate of approximately 51 feet per year.
- The analytical results indicate that the groundwater contamination originates in the area of the former dispenser island and UST basin and migrates in the direction of groundwater flow toward the adjacent property located to the northeast.
- During this Tier II event, the contaminant plume was not defined horizontally or vertically due to the inability to conduct field screening based on encountering bedrock prior to the groundwater table.
- Further assessment is required north of MW-15 and MW-16 and to the south-southwest of MW-3, MW-18, and MW-19 to define the horizontal boundary of the contaminant plume.
- Further assessment is also required adjacent to DW-1, DW-2, and DW-3 to define the vertical extent of the contaminant plume.

3.2 Recommendations

Based on the aforementioned conclusions, TERRY recommends:

- Additional assessment to define the horizontal and vertical boundary of the contaminant plume and the installation of eighteen (18) shallow monitoring wells and seven (7) deep monitoring wells to monitor the clean boundary.
- Due to bedrock encountered during the Tier I and Tier II drilling activities, the monitoring well locations are proposed without the aid of additional groundwater field delineation data.
- Conducting an AFVR Event on MW-10 to continue removal of the free-phase and dissolved product.
- A comprehensive groundwater sampling event to monitor both the concentrations and the migration of the contaminant plume and to confirm the effectiveness of the AFVR event.

A cost proposal for the above recommendations is provided in Appendix 10.

APPENDIX 1

Figures

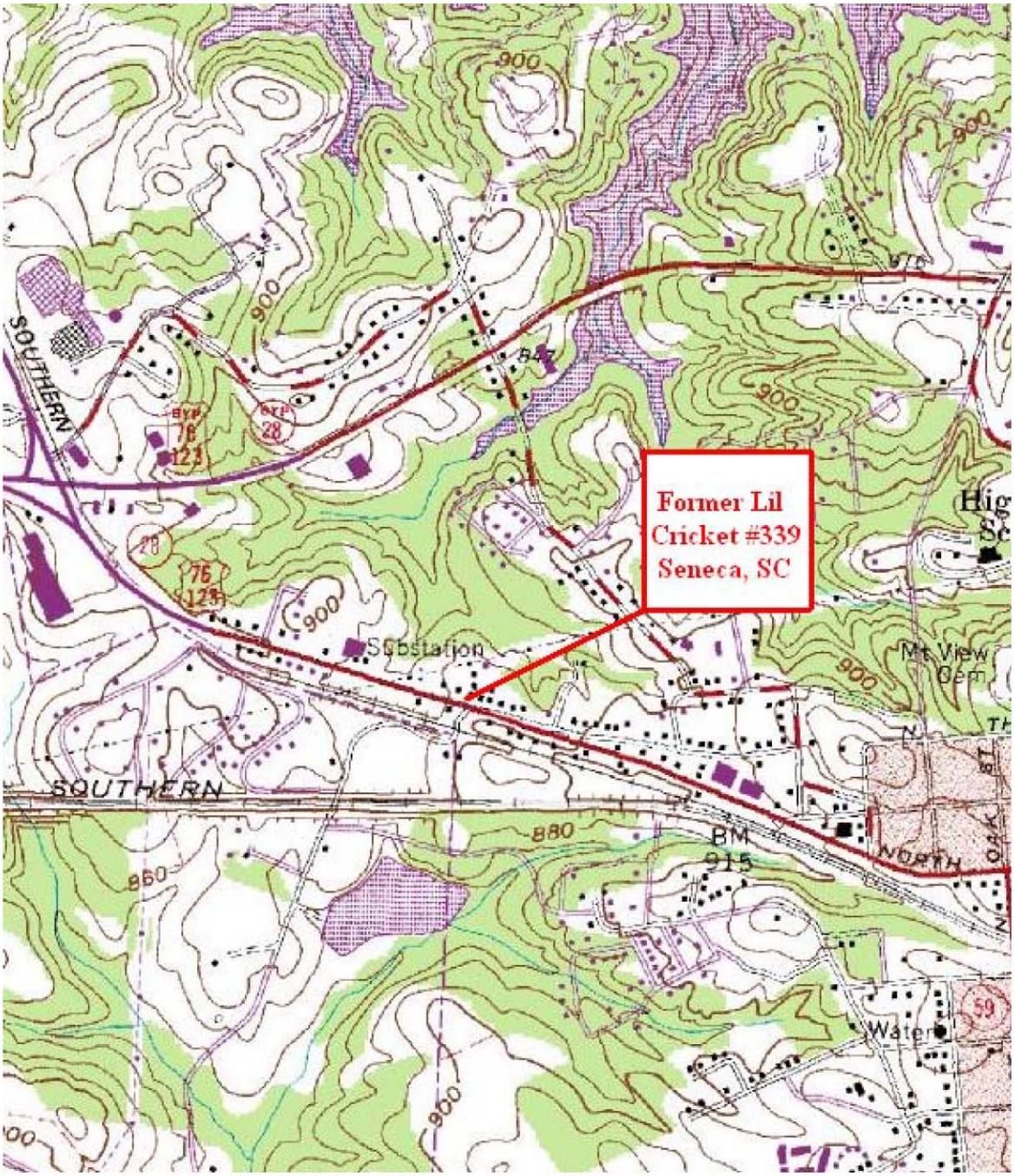

FIGURE 1
SITE LOCATION (USGS)

Former Li'l Cricket
800 West North First Street
Seneca, South Carolina

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... providing our clients with the best services available, actually understanding our clients objectives, and making their obectives our own!

PO Box 25
Summerville, South Carolina 29484
(800) 325-0605 (843)-873-8200 fax: (843)-873-8765

SIZE	TERRY Project No.	DWG NO.	REV
B	2170C	Figure 1 Site Location	

SCALE: NOT TO SCALE

DATE: MARCH 2009

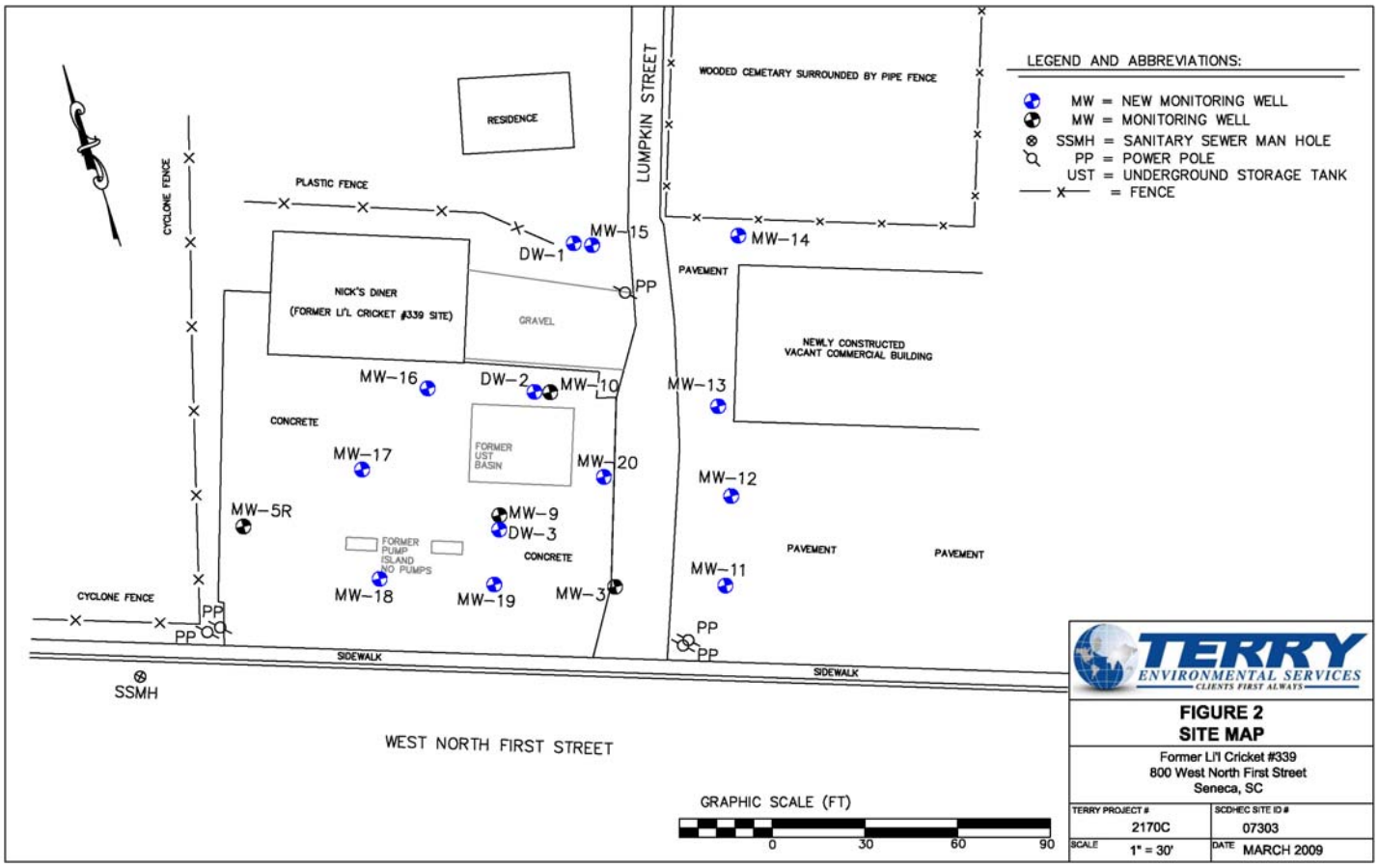
LEGEND AND ABBREVIATIONS:
MW = NEW MONITORING WELL
MW = MONITORING WELL
SSMH = SANITARY SEWER MAN HOLE
PP = POWER POLE
UST = UNDERGROUND STORAGE TANK
= FENCE
LUMPKIN STREET
WOODED CEMETARY SURROUNDED BY PIPE FENCE
RESIDENCE
PLASTIC FENCE
CYCLONE FENCE
MW-15
DW-1
MW-14
PAVEMENT
NICK'S DINER
(FORMER LI'L CRICKET #339 SITE)
GRAVEL
NEWLY CONSTRUCTED
VACANT COMMERCIAL BUILDING
MW-16
DW-2
MW-10
MW-13
CONCRETE
FORMER
UST
BASIN
MW-17
MW-20
MW-12
MW-5R
MW-9
DW-3
FORMER
PUMP
ISLAND
NO PUMPS
CONCRETE
PAVEMENT
PAVEMENT
MW-18
MW-19
MW-3
MW-11
CYCLONE FENCE
PP
PP
PP
PP
SIDEWALK
SIDEWALK
SSMH
WEST NORTH FIRST STREET
GRAPHIC SCALE (FT)
0
30
60
90
TERRY
ENVIRONMENTAL SERVICES
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FIGURE 2
SITE MAP
Former Li'l Cricket #339
800 West North First Street
Seneca, SC
TERRY PROJECT #
2170C
SCDHEC SITE ID #
07303
SCALE
1" = 30'
DATE
MARCH 2009

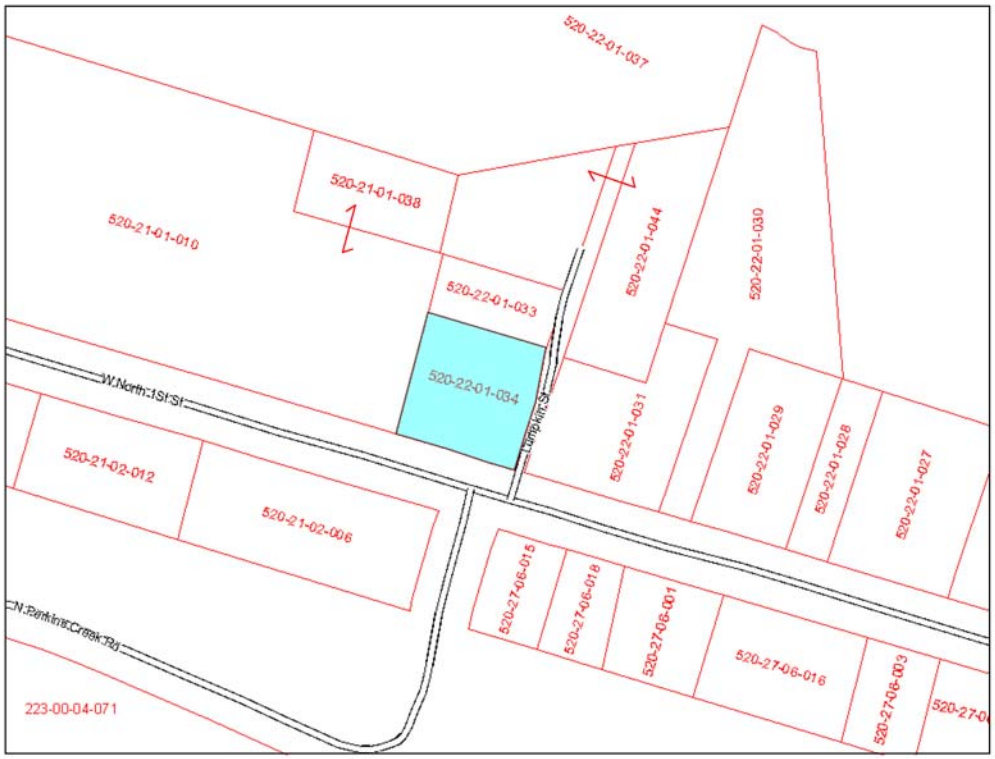

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FIGURE 3
TAX MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170C	07303
SCALE: Not to Scale	DATE: MARCH 2009

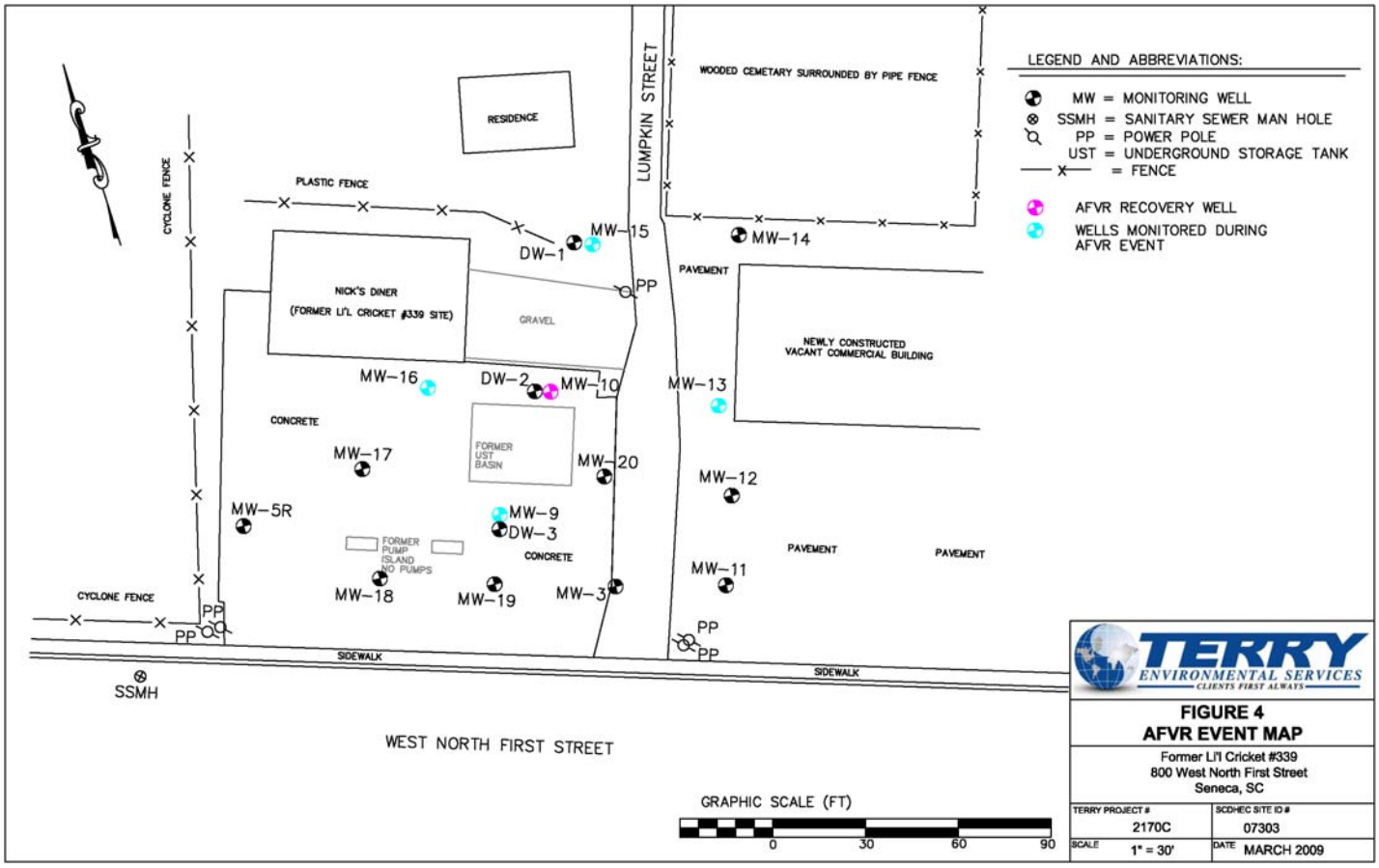

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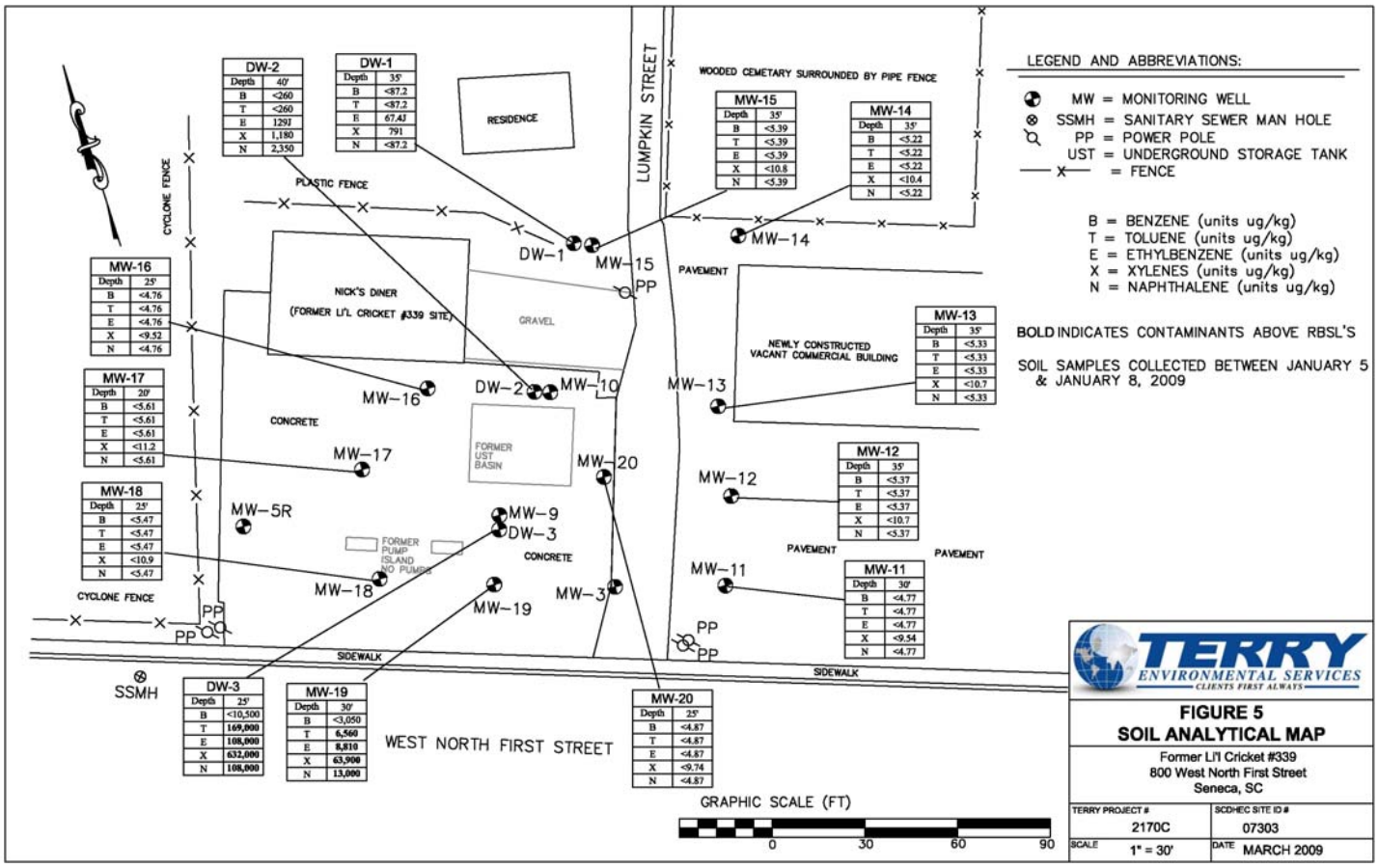
FIGURE 4
AFVR EVENT MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170C	07303
SCALE 1" = 30'	DATE MARCH 2009



DW-2	
Depth	40'
B	<260
T	<260
E	1291
X	1,180
N	2,350

DW-1	
Depth	35'
B	<87.2
T	<87.2
E	67.43
X	791
N	<87.2

MW-15	
Depth	35'
B	<5.39
T	<5.39
E	<5.39
X	<10.8
N	<5.39

MW-14	
Depth	35'
B	<5.22
T	<5.22
E	<5.22
X	<10.4
N	<5.22

MW-16	
Depth	25'
B	<4.76
T	<4.76
E	<4.76
X	<9.52
N	<4.76

MW-13	
Depth	35'
B	<5.33
T	<5.33
E	<5.33
X	<10.7
N	<5.33

MW-17	
Depth	20'
B	<5.61
T	<5.61
E	<5.61
X	<11.2
N	<5.61

MW-12	
Depth	35'
B	<5.37
T	<5.37
E	<5.37
X	<10.7
N	<5.37

MW-18	
Depth	25'
B	<5.47
T	<5.47
E	<5.47
X	<10.9
N	<5.47

MW-11	
Depth	30'
B	<4.77
T	<4.77
E	<4.77
X	<9.54
N	<4.77

DW-3	
Depth	25'
B	<10,500
T	169,000
E	108,000
X	632,000
N	108,000

MW-19	
Depth	30'
B	<3,050
T	6,560
E	8,810
X	63,900
N	13,000

MW-20	
Depth	25'
B	<4.87
T	<4.87
E	<4.87
X	<9.74
N	<4.87

LEGEND AND ABBREVIATIONS:

- MW = MONITORING WELL
- SSMH = SANITARY SEWER MAN HOLE
- PP = POWER POLE
- UST = UNDERGROUND STORAGE TANK
- X = FENCE

B = BENZENE (units ug/kg)
T = TOLUENE (units ug/kg)
E = ETHYLBENZENE (units ug/kg)
X = XYLENES (units ug/kg)
N = NAPHTHALENE (units ug/kg)

BOLD INDICATES CONTAMINANTS ABOVE RBSL'S

SOIL SAMPLES COLLECTED BETWEEN JANUARY 5 & JANUARY 8, 2009

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FIGURE 5
SOIL ANALYTICAL MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170C	07303
SCALE 1" = 30'	DATE MARCH 2009

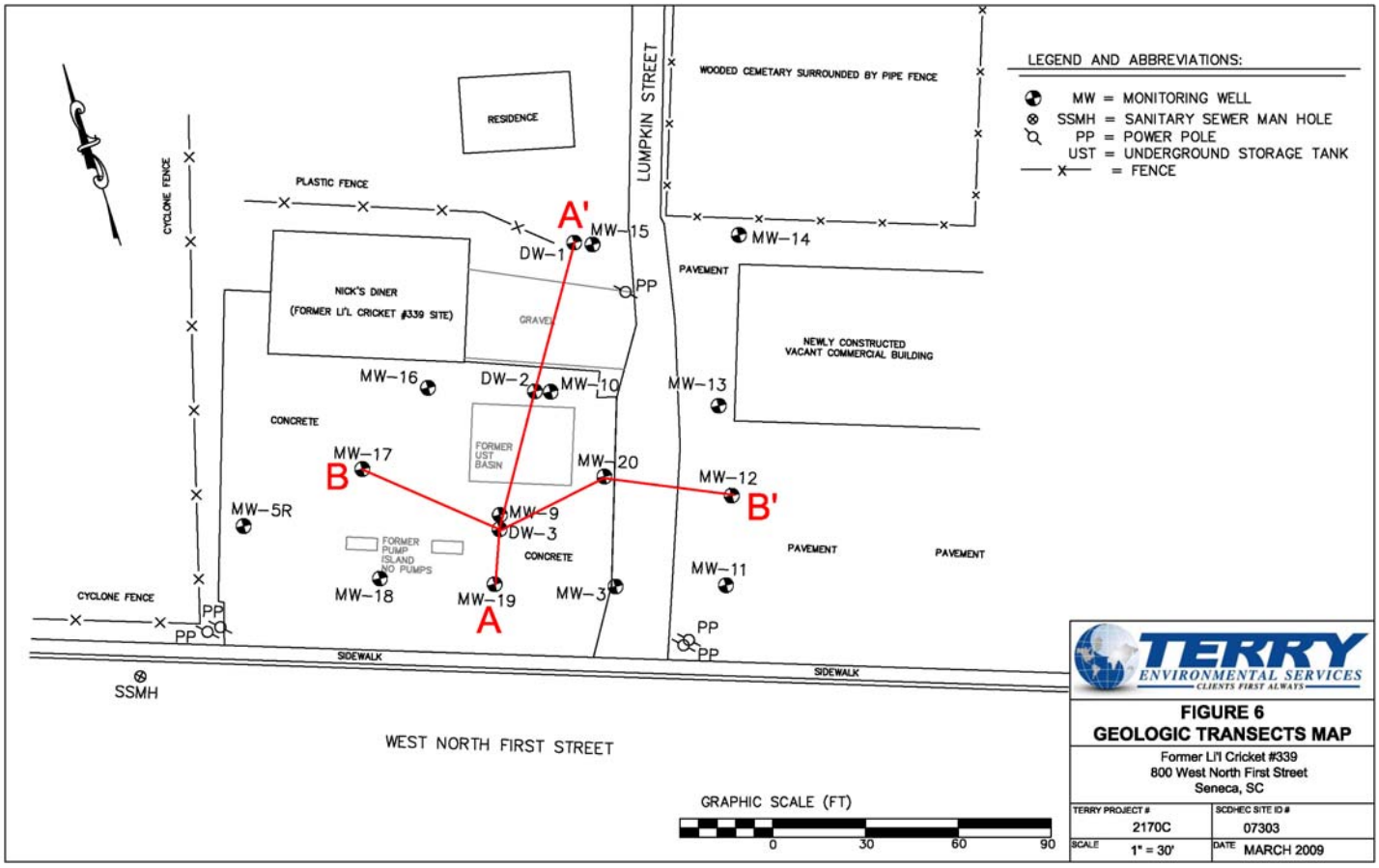

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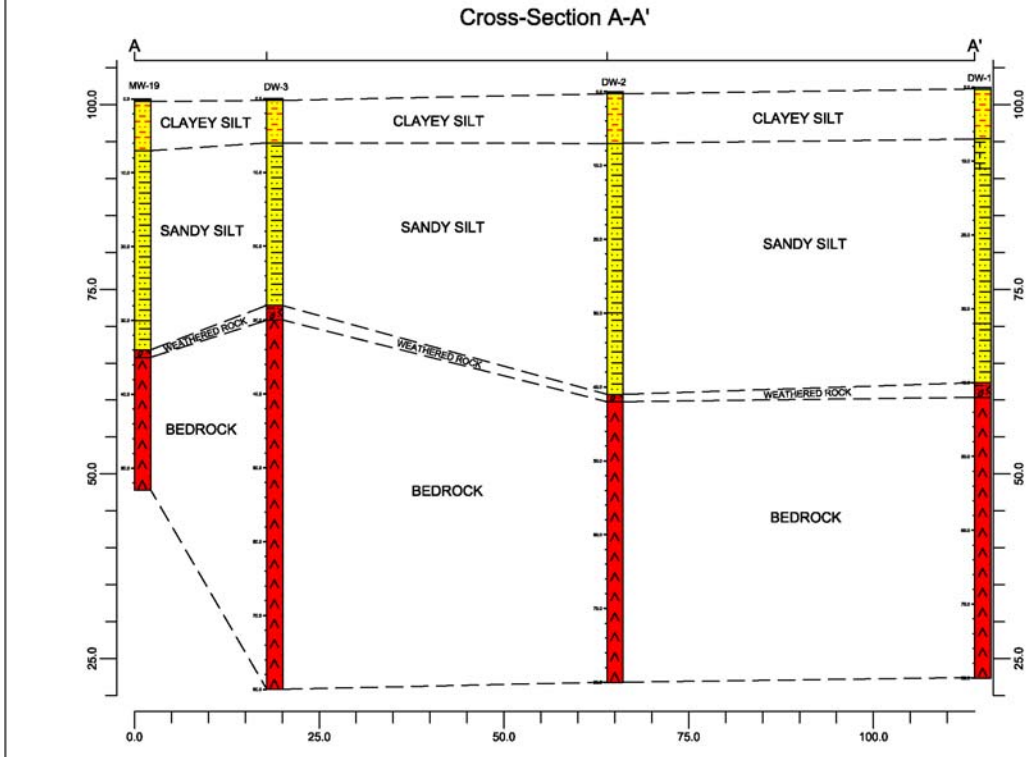
FIGURE 6
GEOLOGIC TRANSECTS MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170C	07303
SCALE 1" = 30'	DATE MARCH 2009



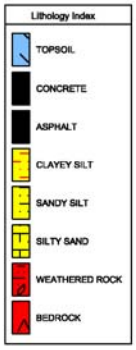


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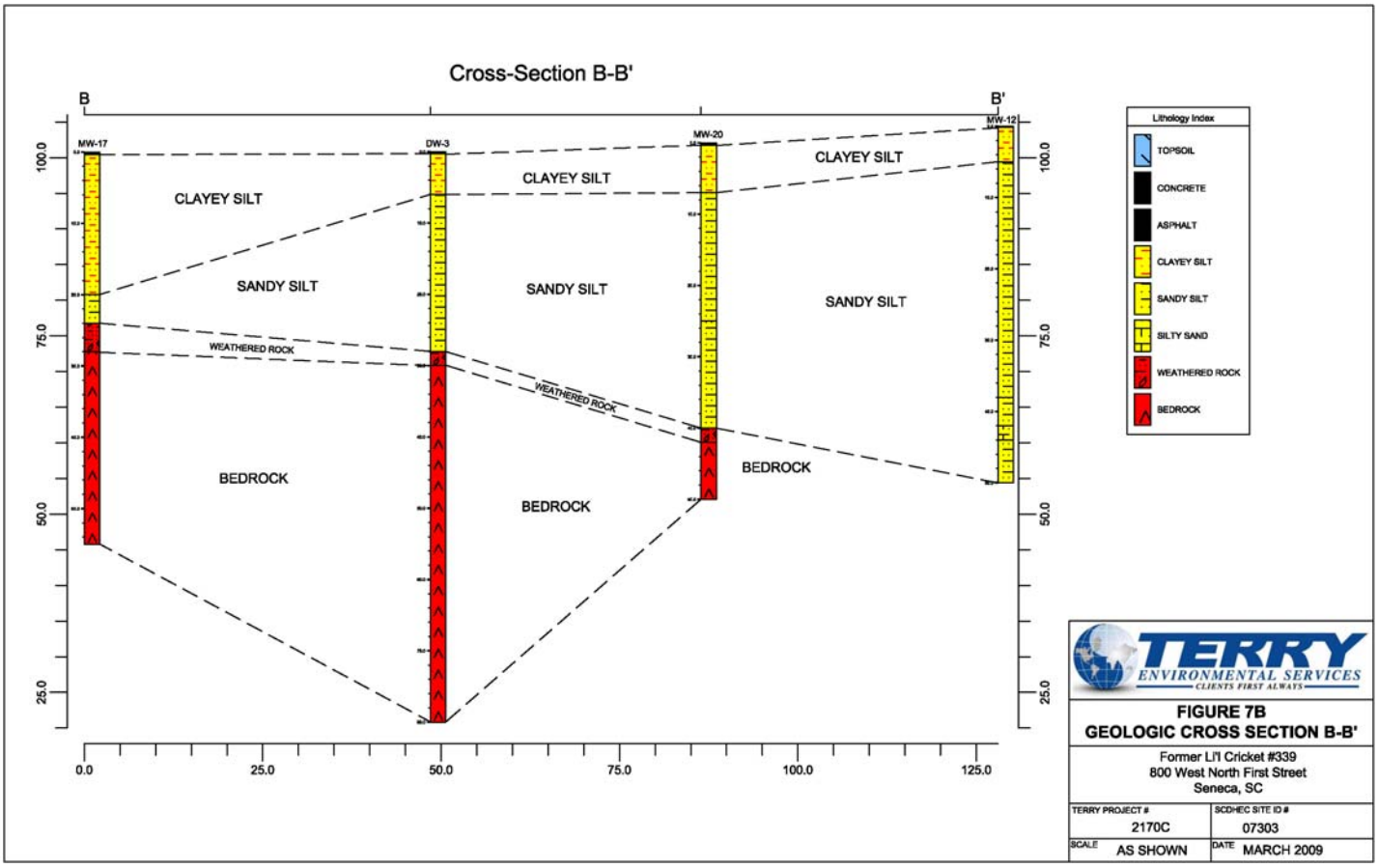
FIGURE 7A
GEOLOGIC CROSS SECTION A-A'

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170C	07303
SCALE: AS SHOWN	DATE: MARCH 2009



TERRY ENVIRONMENTAL SERVICES
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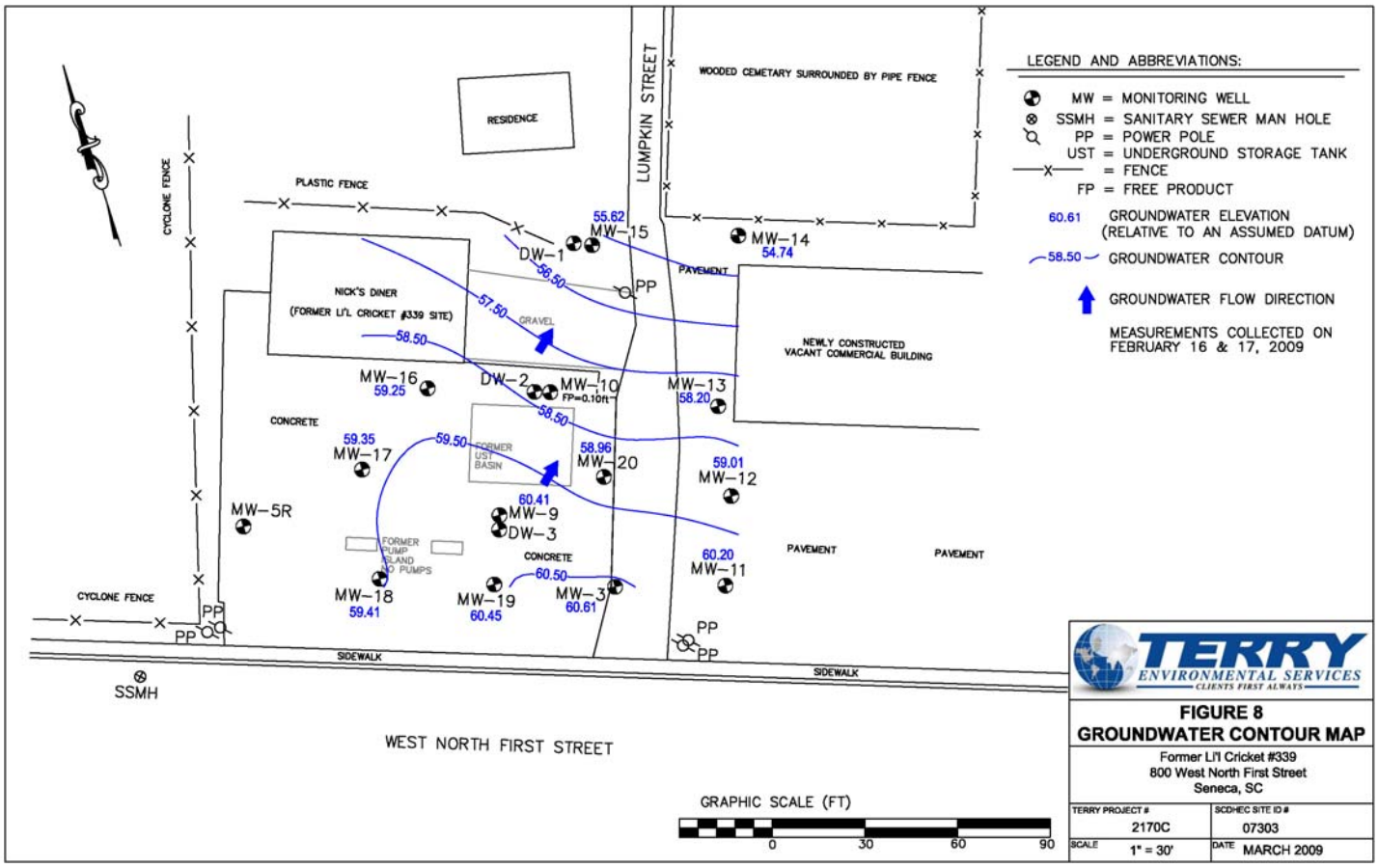
FIGURE 7B
GEOLOGIC CROSS SECTION B-B'

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170C	07303
SCALE: AS SHOWN	DATE: MARCH 2009



TERRY ENVIRONMENTAL SERVICES
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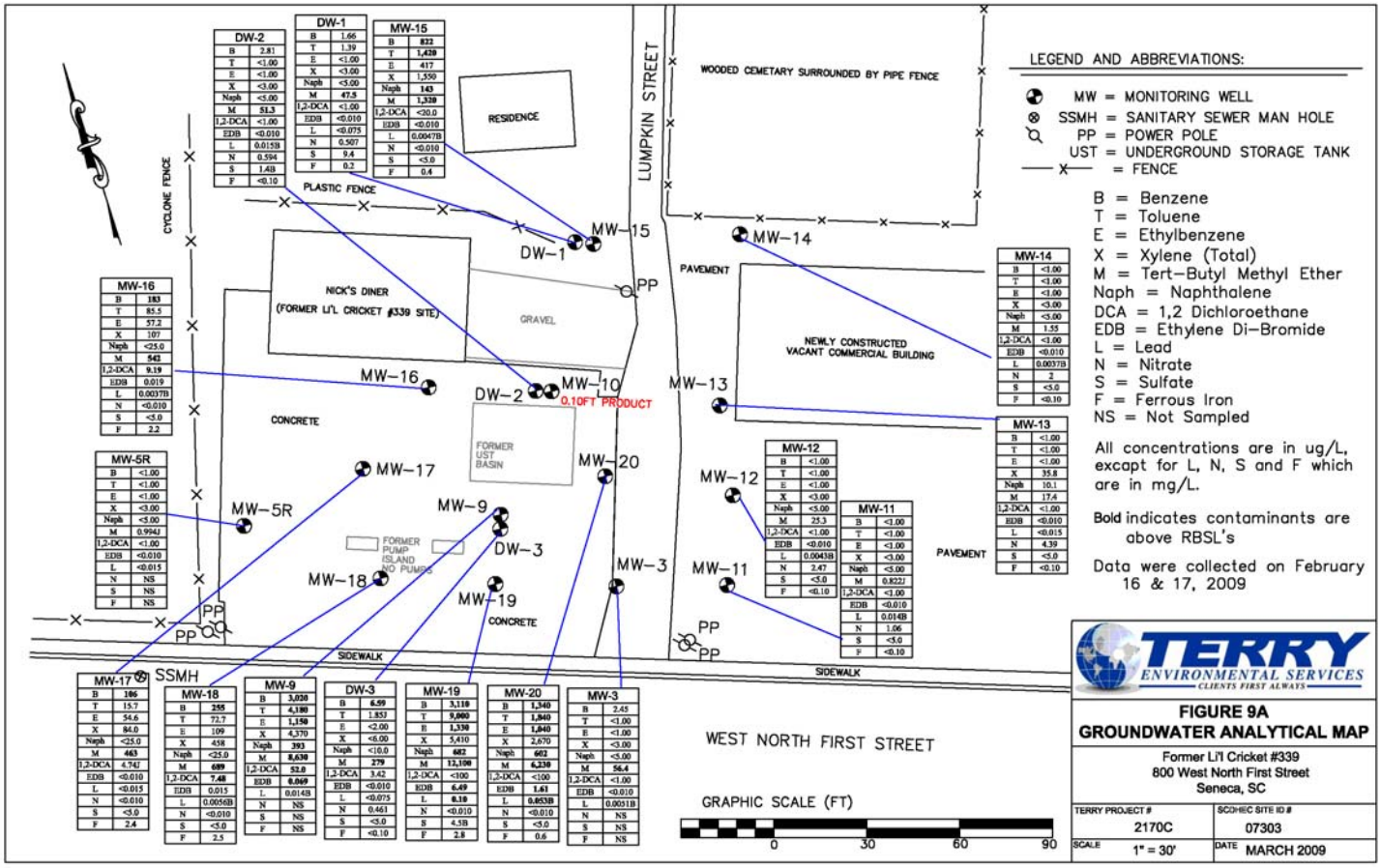
FIGURE 8
GROUNDWATER CONTOUR MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170C	07303
SCALE 1" = 30'	DATE MARCH 2009



DW-2	
B	2.81
T	<1.00
E	<1.00
X	<3.00
Naph	<5.00
M	51.3
1,2-DCA	<1.00
EDB	<0.010
L	0.015B
N	0.594
S	1.48
F	<0.10

DW-1	
B	1.66
T	1.39
E	<1.00
X	<3.00
Naph	<5.00
M	47.5
1,2-DCA	<1.00
EDB	<0.010
L	<0.075
N	0.507
S	9.4
F	0.2

MW-15	
B	822
T	1,420
E	417
X	1,550
Naph	143
M	1,330
1,2-DCA	<20.0
EDB	<0.010
L	0.0047B
N	<0.010
S	<5.0
F	0.4

MW-16	
B	183
T	85.5
E	57.2
X	107
Naph	<25.0
M	542
1,2-DCA	9.19
EDB	0.019
L	0.0037B
N	<0.010
S	<5.0
F	2.2

MW-5R	
B	<1.00
T	<1.00
E	<1.00
X	<3.00
Naph	<5.00
M	0.994J
1,2-DCA	<1.00
EDB	<0.010
L	<0.015
N	NS
S	NS
F	NS

MW-17	
B	106
T	15.7
E	54.6
X	84.0
Naph	<25.0
M	463
1,2-DCA	4.74J
EDB	<0.010
L	<0.015
N	<0.010
S	<5.0
F	2.4

MW-18	
B	255
T	72.7
E	109
X	458
Naph	<25.0
M	689
1,2-DCA	7.48
EDB	0.015
L	0.0056B
N	<0.010
S	<5.0
F	2.5

MW-9	
B	3,030
T	4,180
E	1,150
X	4,370
Naph	393
M	8,630
1,2-DCA	52.0
EDB	0.069
L	0.014B
N	NS
S	NS
F	NS

DW-3	
B	6.59
T	1.85J
E	<2.00
X	<8.00
Naph	<10.0
M	279
1,2-DCA	3.42
EDB	<0.010
L	<0.075
N	0.461
S	<5.0
F	<0.10

MW-19	
B	3,110
T	9,000
E	1,330
X	5,410
Naph	682
M	12,100
1,2-DCA	<100
EDB	6.49
L	0.10
N	<0.010
S	4.5B
F	2.8

MW-20	
B	1,340
T	1,840
E	1,840
X	2,670
Naph	602
M	6,230
1,2-DCA	<100
EDB	1.61
L	0.053B
N	<0.010
S	<5.0
F	0.6

MW-3	
B	2.45
T	<1.00
E	<1.00
X	<3.00
Naph	<5.00
M	56.4
1,2-DCA	<1.00
EDB	<0.010
L	0.003B
N	NS
S	NS
F	NS

MW-14	
B	<1.00
T	<1.00
E	<1.00
X	<3.00
Naph	<5.00
M	1.55
1,2-DCA	<1.00
EDB	<0.010
L	0.0037B
N	2
S	<5.0
F	<0.10

MW-13	
B	<1.00
T	<1.00
E	<1.00
X	35.8
Naph	10.1
M	17.4
1,2-DCA	<1.00
EDB	<0.010
L	<0.015
N	4.39
S	<5.0
F	<0.10

MW-12	
B	<1.00
T	<1.00
E	<1.00
X	<3.00
Naph	<5.00
M	25.3
1,2-DCA	<1.00
EDB	<0.010
L	0.0043B
N	2.47
S	<5.0
F	<0.10

MW-11	
B	<1.00
T	<1.00
E	<1.00
X	<3.00
Naph	<5.00
M	0.822J
1,2-DCA	<1.00
EDB	<0.010
L	0.014B
N	1.06
S	<5.0
F	<0.10

LEGEND AND ABBREVIATIONS:

MW = MONITORING WELL
SSMH = SANITARY SEWER MAN HOLE
PP = POWER POLE
UST = UNDERGROUND STORAGE TANK
X = FENCE

B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylene (Total)
M = Tert-Butyl Methyl Ether
Naph = Naphthalene
DCA = 1,2 Dichloroethane
EDB = Ethylene Di-Bromide
L = Lead
N = Nitrate
S = Sulfate
F = Ferrous Iron
NS = Not Sampled

All concentrations are in ug/L, excapt for L, N, S and F which are in mg/L.

Bold indicates contaminants are above RBSL's

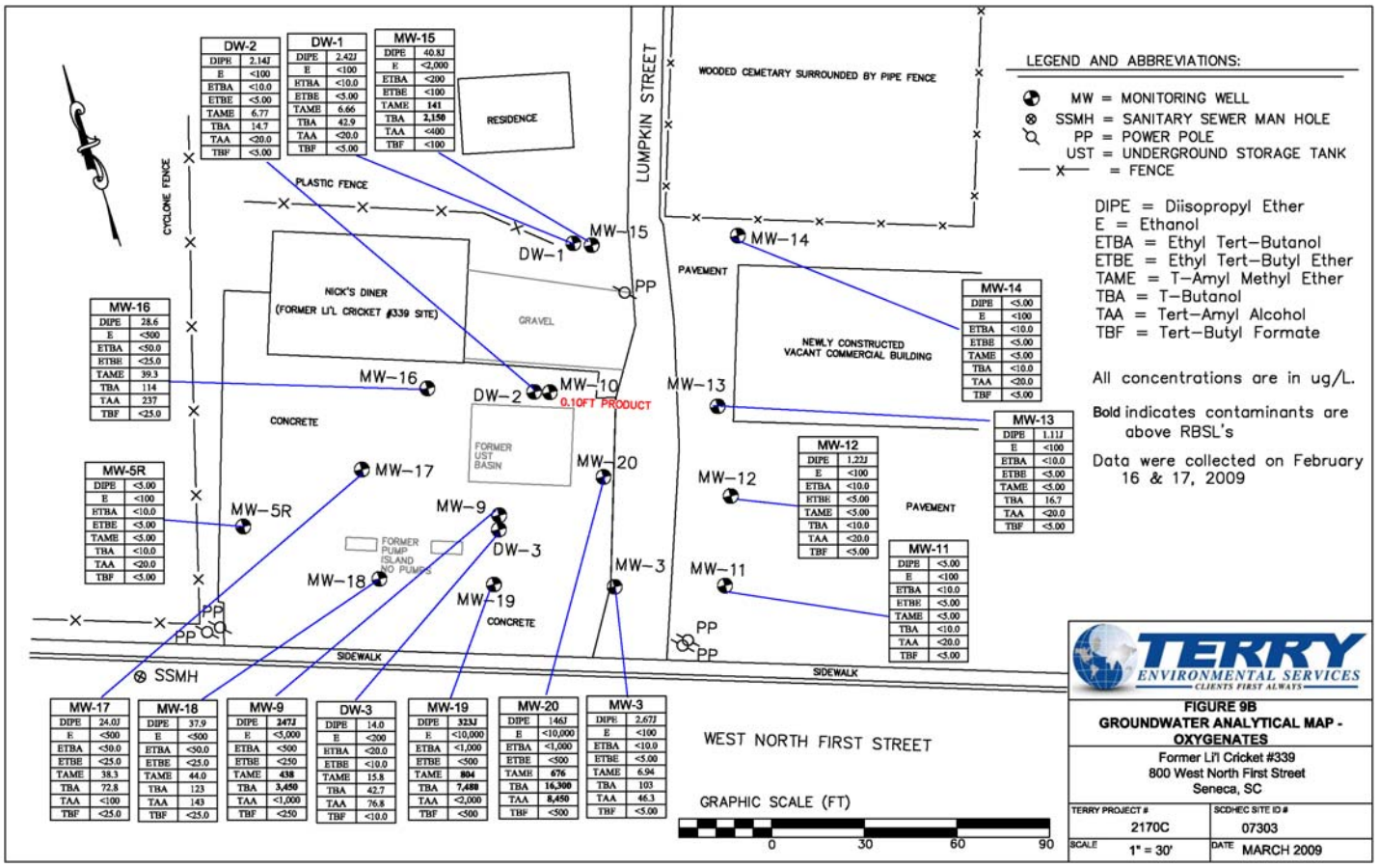
Data were collected on February 16 & 17, 2009

TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

FIGURE 9A
GROUNDWATER ANALYTICAL MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170C	07303
SCALE 1" = 30'	DATE MARCH 2009



DW-2	
DIPE	2.14J
E	<100
ETBA	<10.0
ETBE	<5.00
TAME	6.77
TBA	14.7
TAA	<20.0
TBF	<5.00

DW-1	
DIPE	2.42J
E	<100
ETBA	<10.0
ETBE	<5.00
TAME	6.66
TBA	42.9
TAA	<20.0
TBF	<5.00

MW-15	
DIPE	40.8J
E	<2,000
ETBA	<200
ETBE	<100
TAME	141
TBA	**2,150**
TAA	<400
TBF	<100

MW-16	
DIPE	28.6
E	<500
ETBA	<50.0
ETBE	<25.0
TAME	39.3
TBA	114
TAA	237
TBF	<25.0

MW-5R	
DIPE	<5.00
E	<100
ETBA	<10.0
ETBE	<5.00
TAME	<5.00
TBA	<10.0
TAA	<20.0
TBF	<5.00

MW-14	
DIPE	<5.00
E	<100
ETBA	<10.0
ETBE	<5.00
TAME	<5.00
TBA	<10.0
TAA	<20.0
TBF	<5.00

MW-13	
DIPE	1.11J
E	<100
ETBA	<10.0
ETBE	<5.00
TAME	<5.00
TBA	16.7
TAA	<20.0
TBF	<5.00

MW-12	
DIPE	1.22J
E	<100
ETBA	<10.0
ETBE	<5.00
TAME	<5.00
TBA	<10.0
TAA	<20.0
TBF	<5.00

MW-11	
DIPE	<5.00
E	<100
ETBA	<10.0
ETBE	<5.00
TAME	<5.00
TBA	<10.0
TAA	<20.0
TBF	<5.00

MW-17	
DIPE	24.0J
E	<500
ETBA	<50.0
ETBE	<25.0
TAME	38.3
TBA	72.8
TAA	<100
TBF	<25.0

MW-18	
DIPE	37.9
E	<500
ETBA	<50.0
ETBE	<25.0
TAME	44.0
TBA	123
TAA	143
TBF	<25.0

MW-9	
DIPE	**247J**
E	<5,000
ETBA	<500
ETBE	<250
TAME	**438**
TBA	**3,450**
TAA	<1,000
TBF	<250

DW-3	
DIPE	14.0
E	<200
ETBA	<20.0
ETBE	<10.0
TAME	15.8
TBA	42.7
TAA	76.8
TBF	<10.0

MW-19	
DIPE	**323J**
E	<10,000
ETBA	<1,000
ETBE	<500
TAME	**804**
TBA	**7,488**
TAA	<2,000
TBF	<500

MW-20	
DIPE	146J
E	<10,000
ETBA	<1,000
ETBE	<500
TAME	**676**
TBA	**16,300**
TAA	**8,450**
TBF	<500

MW-3	
DIPE	2.67J
E	<100
ETBA	<10.0
ETBE	<5.00
TAME	6.94
TBA	103
TAA	46.3
TBF	<5.00

LEGEND AND ABBREVIATIONS:

- MW = MONITORING WELL
- SSMH = SANITARY SEWER MAN HOLE
- PP = POWER POLE
- UST = UNDERGROUND STORAGE TANK
- X = FENCE

DIPE = Diisopropyl Ether
E = Ethanol
ETBA = Ethyl Tert–Butanol
ETBE = Ethyl Tert–Butyl Ether
TAME = T–Amyl Methyl Ether
TBA = T–Butanol
TAA = Tert–Amyl Alcohol
TBF = Tert–Butyl Formate

All concentrations are in ug/L.

Bold indicates contaminants are above RBSL's

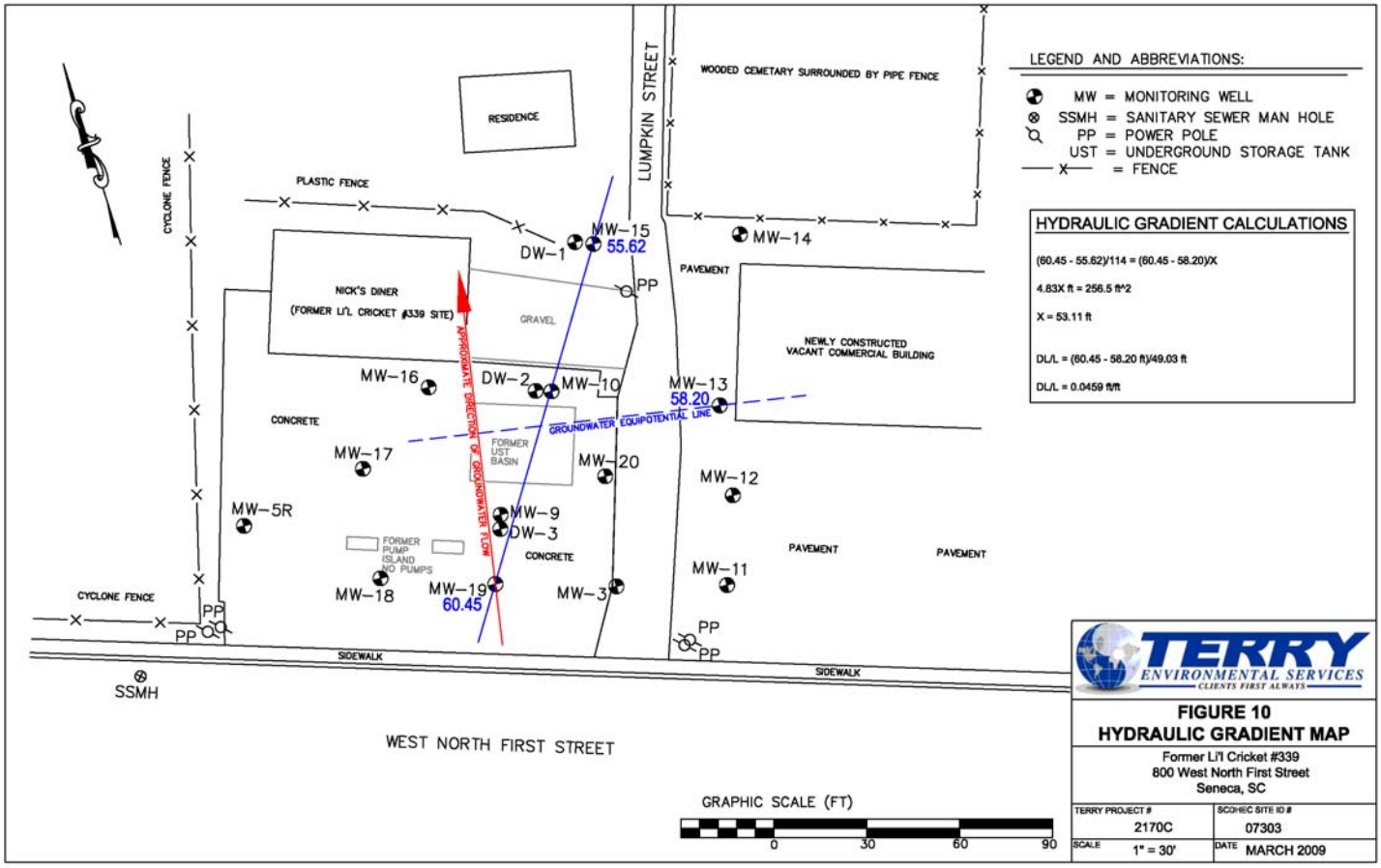
Data were collected on February 16 & 17, 2009

TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

FIGURE 9B
GROUNDWATER ANALYTICAL MAP - OXYGENATES

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170C	07303
SCALE 1" = 30'	DATE MARCH 2009



TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

FIGURE 10
HYDRAULIC GRADIENT MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170C	07303
SCALE 1" = 30'	DATE MARCH 2009

APPENDIX 2

Tables

TABLE 1
TAX MAP INFORMATION
FORMER LI'L CRICKET #339
800 WEST NORTH FIRST STREET
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT # 07303

PARCEL #	DESCRIPTION OF PROPERTY OWNED	PROPERTY ADDRESS	OWNER	OWNER ADDRESS	DEED BOOK#	DEED PG
520-22-01-034	Former Li'l Cricket #339	800 West North First Street Seneca, SC 29678	Thomas H. & Dorothy M. Glenn	809 West North First Street Seneca, SC 29678	1341	222
520-22-01-033	Residence	Lumpkin Street Seneca, SC 29678	James G. & Amanda D. Montague	227 Newton Road Seneca, SC 29678	852	280
520-22-01-044	Residence/Wooded Cemetery	211 Lumpkin Street Seneca, SC 29678	James L. & Lona H. Queen	211 Lumpkin Street Seneca, SC 29678	13I	004
520-22-01-031	Commercial Strip Mall - Vacant	722 West North First Street Seneca, SC 29678	Gerald H. Pryor	217 South Madison Avenue Douglas, GA 31533	1437	273
520-27-06-018	J B Marcengill Insurance Agency	719 West North First Street Seneca, SC 29678	Jared B. Marcengill	719 West North First Street Seneca, SC 29678	1232	162
520-27-06-015	Allstate Insurance Agency	721 West North First Street Seneca, SC 29678	Marcengill Agency Inc.	721 West North First Street Seneca, SC 29678	949	38
520-21-02-006	Black Electrical Supplies	801 West North First Street Seneca, SC 29678	Robert C. & Barbara B. Hamilton	P.O. Box 134 Greenville, SC 29602	1049	295
520-21-01-010 520-21-01-038	Duke Power Substation	No Address Identified	Duke Power/Duke Energy Corp.	P.O. Box 1007 Charlotte, NC 28201	1433	94

See Appendix 1, Figure 3 Tax Map for location of parcels

TABLE 2
SOIL ANALYTICAL DATA
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303

Boring Number	Total Depth (FT)	Depth Sample Taken (FT)	Date Performed	FIELD SCREENING DATA (depth in feet)									ANALYTICAL LABORATORY DATA				
				Soil PID Readings in ppm									PARAMETERS				
				5	10	15	20	25	30	35	40	45	BENZENE	TOLUENE	ETHYLBENZENE	XYLENES	NAPHTHALENE
													ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
MW-11	50	30	1/5/2009	2.0	12.3	15.8	37.0	52.4	65.9	21.0	20.1	37.2	<4.77	<4.77	<4.77	<9.54	<4.77
MW-12	50	35	1/5/2009	3.1	12.4	7.9	11.9	12.8	8.1	16.1	11.3	4.2	<5.37	<5.37	<5.37	<10.7	<5.37
MW-13	50	35	1/8/2009	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	<5.33	<5.33	<5.33	<10.7	<5.33
MW-14	55	35	1/5/2009	0.0	0.0	3.6	1.4	0.9	1.8	4.8	3.9	–	<5.22	<5.22	<5.22	<10.4	<5.22
MW-15	50	35	1/8/2009	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	<5.39	<5.39	<5.39	<10.8	<5.39
MW-16	55	25	1/6/2009	12.4	26.5	47.1	51.4	54.6	36.7	–	–	–	<4.76	<4.76	<4.76	<9.52	<4.76
MW-17	55	20	1/6/2009	9.1	25.4	21.8	27.1	24.1	–	–	–	–	<5.61	<5.61	<5.61	<11.2	<5.61
MW-18	50	25	1/8/2009	3.6	3.4	12.3	11.6	15.1	–	–	–	–	<5.47	<5.47	<5.47	<10.9	<5.47
MW-19	53	30	1/7/2009	45.0	951	632	658	983	1,827	1,610	137	–	<3,050	**6,560**	**8,810**	**63,900**	**13,000**
MW-20	50	25	1/8/2009	0.0	4.4	6.4	7.9	10.2	5.1	6.8	--	–	<4.87	<4.87	<4.87	<9.74	<4.87
DW-1	80	35	1/7/2009	4.3	8.5	8.6	11.1	12.9	16.2	18.1	17.8	–	<87.2	<87.2	67.4J	791	<87.2
DW-2	80	40	1/7/2009	0.2	4.5	2.3	1.7	2.9	5.9	2.5	628	–	<260	<260	129J	1,180	2,350
DW-3	80	25	1/8/2009	745	1,437	2,834	3,117	3,280	1,791	–	–	–	<10,500	**169,000**	**108,000**	**632,000**	**108,000**
SOIL RBSL	–	–	–	–	–	–	–	–	–	–	–	–	**7**	**1,450**	**1,150**	**14,500**	**36**

NOTES:

ppm	PARTS PER MILLION
ug/kg	MICROGRAMS PER KILOGRAM (PARTS PER BILLION)
J	INDICATES AN ESTIMATED VALUE
6,560	BOLD INDICATES CONTAMINATION PRESENT IN EXCESS OF RISK BASED SCREENING LEVELS
–	PARAMETER WAS NOT TESTED OR NOT APPLICABLE

SOIL RBSL UNITS ARE UG/KG
SOIL RBSL'S ARE BASED ON SANDY SOIL

TABLE 3
MONITORING WELL AND GROUNDWATER DATA
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT # 07303

Well #	Date	TOC Elevation	Screened Interval	Depth to Product*	Depth to Water*	Product Thickness	Water Table Elevation
		ft	ft	ft	ft	ft	ft
MW-3	10/1/2008	102.15	37-55	-	41.28	-	60.87
	2/16/2009			-	41.54	-	60.61
MW-5R	10/1/2008	100.01	50-60	-	59.55	-	40.46
	2/16/2009			-	53.20	-	46.81
MW-9	10/1/2008	100.85	45-55	-	40.81	-	60.04
	2/16/2009			-	40.44	-	60.41
MW-10	10/1/2008	102.07	42-52	43.62	43.95	0.33	58.12
	2/16/2009			43.83	43.93	0.10	58.14
MW-11	2/17/2009	103.51	40-50	-	43.31	-	60.20
MW-12	2/17/2009	104.40	40-50	-	45.39	-	59.01
MW-13	2/17/2009	103.54	40-50	-	45.34	-	58.20
MW-14	2/17/2009	104.32	45-55	-	49.58	-	54.74
MW-15	2/17/2009	102.67	40-50	-	47.05	-	55.62
MW-16	2/17/2009	101.33	40-55	-	42.08	-	59.25
MW-17	2/16/2009	100.78	40-55	-	41.43	-	59.35
MW-18	2/16/2009	100.31	35-50	-	40.90	-	59.41
MW-19	2/17/2009	100.78	38-53	-	40.33	-	60.45
MW-20	2/17/2009	102.08	35-50	-	43.12	-	58.96
DW-1	2/17/2009	102.36	75-80	-	47.91	-	54.45
DW-2	2/17/2009	101.77	75-80	-	44.15	-	57.62
DW-3	2/17/2009	100.83	75-80	-	42.12	-	58.71

Notes:

-- = No measurable product.

* = Relative to top of casing.

TABLE 4
GROUNDWATER ANALYTICAL DATA
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303

WELL ID	SAMPLING DATE	PARAMETERS																			
		Benzene	Toluene	Ethyl benzene	Xylenes	Naphthalene	MTBE	1,2 DCA	EDB	Lead	Nitrate/ Nitrite	Sulfate	Methane	Ferrous Iron	DIPE	Ethanol	ETBA	ETBE	TAME	TBA	TAA	TBF
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	mg/L	mg/L	mg/L	ug/l	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
RBSL	--	**5**	**1,000**	**700**	**10,000**	**25**	**40**	**5**	**0.05**	**0.05**	**N/A**	**N/A**	**N/A**	**N/A**	**150**	**10,000**	**N/A**	**47**	**128**	**1,400**	**240**	**N/A**
MW-3	10/1/2008	**8.51**	<1.00	4.1	7.25	3.51J	**57.3**	<1.00	<0.010	0.014B	7.85	<5.0	1.60J	0.595	--	--	--	--	--	--	--	--
	2/16/2009	2.45	<1.00	<1.00	<3.00	<5.00	**56.4**	<1.00	<0.010	0.0051B	--	--	--	--	2.67J	<100	<10.0	<5.00	6.94	103	46.3	<5.00
MW-5R	10/1/2008	NOT SAMPLED																				
	2/16/2009	<1.00	<1.00	<1.00	<3.00	<5.00	0.994J	<1.00	<0.010	<0.015	--	--	--	--	<5.00	<100	<10.0	<5.00	<5.00	<10.0	<20.0	<5.00
MW-9	10/1/2008	**2,820**	**4,860**	**1,140**	4,720	**357**	**9,050**	<50.0	**197**	**0.16**	<0.10	1.4B	1.72J	0.131	--	--	--	--	--	--	--	--
	2/16/2009	**3,020**	**4,180**	**1,150**	4,370	**393**	**8,630**	**52.0**	**0.069**	0.014B	--	--	--	--	**247J**	<5,000	<500	<250	**438**	**3,450**	<1,000	<250
MW-10	10/1/2008	FREE PRODUCT - 0.33 FEET																				
	2/16/2009	FREE PRODUCT - 0.10 FEET																				
MW-11	2/17/2009	<1.00	<1.00	<1.00	<3.00	<5.00	0.822J	<1.00	<0.010	0.014B	1.06	<5.0	--	<0.10	<5.00	<100	<10.0	<5.00	<5.00	<10.0	<20.0	<5.00
MW-12	2/17/2009	<1.00	<1.00	<1.00	<3.00	<5.00	25.3	<1.00	<0.010	0.0043B	2.47	<5.0	--	<0.10	1.22J	<100	<10.0	<5.00	<5.00	<10.0	<20.0	<5.00
MW-13	2/17/2009	<1.00	<1.00	<1.00	35.8	10.1	17.4	<1.00	<0.010	<0.015	4.39	<5.0	--	<0.10	1.11J	<100	<10.0	<5.00	<5.00	16.7	<20.0	<5.00
MW-14	2/17/2009	<1.00	<1.00	<1.00	<3.00	<5.00	1.55	<1.00	<0.010	0.0037B	2.00	<5.0	--	<0.10	<5.00	<100	<10.0	<5.00	<5.00	<10.0	<20.0	<5.00
MW-15	2/17/2009	**822**	**1,420**	417	1,550	**143**	**1,320**	<20.0	<0.010	0.0047B	<0.010	<5.0	--	0.4	40.8J	<2,000	<200	<100	**141**	**2,150**	<400	<100
MW-16	2/17/2009	**183**	85.5	57.2	107	<25.0	**542**	**9.19**	0.019	0.0037B	<0.010	<5.0	--	2.2	28.6	<500	<50.0	<25.0	39.3	114	237	<25.0
MW-17	2/16/2009	**106**	15.7	54.6	84.0	<25.0	**463**	4.74J	<0.010	<0.015	<0.010	<5.0	--	2.4	24.0J	<500	<50.0	<25.0	38.3	72.8	<100	<25.0
MW-18	2/16/2009	**255**	72.7	109	458	<25.0	**689**	**7.48**	0.015	0.0056B	<0.010	<5.0	--	2.5	37.9	<500	<50.0	<25.0	44.0	123	143	<25.0
MW-19	2/17/2009	**3,110**	**9,000**	**1,330**	5,410	**682**	**12,100**	<100	**6.49**	**0.10**	<0.010	4.5B	--	2.8	**323J**	<10,000	<1,000	<500	**804**	**7,480**	<2,000	<500
MW-20	2/17/2009	**1,340**	**1,840**	**1,040**	2,670	**602**	**6,230**	<100	**1.61**	**0.053B**	<0.010	<5.0	--	0.6	146J	<10,000	<1,000	<500	**676**	**16,300**	**8,450**	<500
DW-1	2/17/2009	1.66	1.39	<1.00	<3.00	<5.00	**47.5**	<1.00	<0.010	<0.075	0.507	9.4	--	0.2	2.42J	<100	<10.0	<5.00	6.66	42.9	<20.0	<5.00
DW-2	2/17/2009	2.81	<1.00	<1.00	<3.00	<5.00	**51.3**	<1.00	<0.010	0.015B	0.594	1.4B	--	<0.10	2.14J	<100	<10.0	<5.00	6.77	14.7	<20.0	<5.00
DW-3	2/17/2009	**6.59**	1.85J	<2.00	<6.00	<10.0	**279**	3.42	<0.010	<0.075	0.461	<5.0	--	<0.10	14.0	<200	<20.0	<10.0	15.8	42.7	76.8	<10.0

NOTES:

-- = Parameter was not tested
RBSL = Risk Based Screening Levels
CNF = Could Not Find
NS = Not Sampled
Bold Lettering indicates parameter exceeds SCDHEC RBSLs
MTBE = tert-Butyl Methyl Ether
1,2 DCA = 1,2 Dichloroethane
EDB = 1,2-Dibromoethane
DIPE = diisopropyl Ether
ETBA = ethyl tert-butanol
ETBE = Ethyl tert-butyl ether
TAME = tert-amyl methyl ether
TBA = tert-Butanol
TAA = tert-amyl alcohol
TBF = tert-butyl formate
J = Indicates an estimated value
B = (ORGANICS) Indicates the analyte was detected in the associated method blank
B = (INORGANICS) Indicates the result is between the RDL and the MDL
ug/L= micrograms per liter
mg/L= milligrams per liter

APPENDIX 3

AFVR Data & Disposal Manifests

TABLE 1
GROUNDWATER ELEVATION AND VACUUM DATA
Former Li'l Cricket #339
Seneca, South Carolina
SCDHEC Site # 07303
January 13, 2009

Well #	MW-9			Well #	MW-13			Well #	MW-15			Well #	MW-16		
Elapsed Time	Depth to Product (ft)	Depth to Water (ft)	Vacuum (in H2O)	Elapsed Time	Depth to Product (ft)	Depth to Water (ft)	Vacuum (in H2O)	Elapsed Time	Depth to Product (ft)	Depth to Water (ft)	Vacuum (in H2O)	Elapsed Time	Depth to Product (ft)	Depth to Water (ft)	Vacuum (in H2O)
0	n/a	40.48	0.0	0	n/a	45.44	0.0	0	n/a	47.19	0.0	0	n/a	41.95	0.0
0.5	n/a	40.48	0.0	0.5	n/a	45.44	0.0	0.5	n/a	47.19	0.0	0.5	n/a	41.95	0.0
1	n/a	40.48	0.0	1	n/a	45.44	0.0	1	n/a	47.19	0.2	1	n/a	41.95	0.0
1.5	n/a	40.48	0.0	1.5	n/a	45.44	0.2	1.5	n/a	47.19	0.2	1.5	n/a	41.95	0.0
2	n/a	40.48	0.0	2	n/a	45.47	0.2	2	n/a	47.21	0.3	2	n/a	41.95	0.0
2.5	n/a	40.48	0.0	2.5	n/a	45.49	0.2	2.5	n/a	47.22	0.4	2.5	n/a	41.95	0.0
3	n/a	40.48	0.0	3	n/a	45.52	0.2	3	n/a	47.22	0.4	3	n/a	41.95	0.0
3.5	n/a	40.48	0.0	3.5	n/a	45.53	0.2	3.5	n/a	47.23	0.4	3.5	n/a	41.96	0.0
4	n/a	40.48	0.0	4	n/a	45.52	0.3	4	n/a	47.23	0.4	4	n/a	41.96	0.0
4.5	n/a	40.48	0.0	4.5	n/a	45.52	0.3	4.5	n/a	47.22	0.5	4.5	n/a	41.96	0.0
5	n/a	40.48	0.0	5	n/a	45.52	0.3	5	n/a	47.22	0.5	5	n/a	41.96	0.0
5.5	n/a	40.48	0.0	5.5	n/a	45.53	0.3	5.5	n/a	47.23	0.5	5.5	n/a	41.95	0.0
6	n/a	40.48	0.0	6	n/a	45.53	0.3	6	n/a	47.23	0.5	6	n/a	41.95	0.0
6.5	n/a	40.48	0.0	6.5	n/a	45.55	0.3	6.5	n/a	47.23	0.5	6.5	n/a	41.95	0.0
7	n/a	40.48	0.0	7	n/a	45.55	0.3	7	n/a	47.24	0.5	7	n/a	41.95	0.0
7.5	n/a	40.48	0.0	7.5	n/a	45.55	0.3	7.5	n/a	47.24	0.6	7.5	n/a	41.95	0.0
8	n/a	40.48	0.0	8	n/a	45.55	0.3	8	n/a	47.24	0.6	8	n/a	41.95	0.0
Maximum Drawdown		**0.00**		Maximum Drawdown		**0.11**		Maximum Drawdown		**0.05**		Maximum Drawdown		**0.01**	
Maximum Observed Vacuum			**0.0**	Maximum Observed Vacuum			**0.3**	Maximum Observed Vacuum			**0.6**	Maximum Observed Vacuum			**0.0**
Distance From Recovery Well (ft)			**43**	Distance From Recovery Well (ft)			**55**	Distance From Recovery Well (ft)			**50**	Distance From Recovery Well (ft)			**40**

RADIUS OF INFLUENCE

Best Fit Linear Regression - Drawdown Data **42** ft

Best Fit Linear Regression - Vacuum Data **43** ft

AFVR Emissions Field Data

Date:	January 13, 2009											**Average Depth to Groundwater:**		~45 ft		
Site Name:	Former Li'l Cricket #339											**Describe Soil in Saturated Zone:**		Sandy Silt		
SCDHEC Site ID #:	07303											**Vacuum Contractor:**		Terry Environmental Services, Inc.		
Well ID #:	**MW-10**		**Blower Specification of the Vacuum Truck (CFM @ Hg):**						575 FM 15"Hg							
DRY STANDARD CUBIC FEET PER MINUTE (DSCFM) CALCULATIONS (Qstd)										**EMISSION CALCULATION**						
		Vacuum	Velocity	Pipe Id	Temp.	Rel.Humid	$PPM_{measured}$	Elapsed time	Flow	PPM_d	PPM_c	K	C_{cm}	C_c	PMR_c	PMR_g	PMR_g
Date	Time	(in. Hg)	(ft/min)	(in)	(F)	(%)	(ppm)	(min)	(DSCFM)				(mg/dsm^3)	(lb/dscf)	(lb/hr)	(lb/hr)	(gal/hr)
1/13/2009	12:45	15.0	5,178	3	115.7	1.2	1,720.0	0	212.56	1885.35	7541.40	4	3762.87	2.349E-04	3.00	3.47	0.55
1/13/2009	13:15	15.0	5,271	3	118.0	0.9	1,632.0	30	215.52	1788.89	7155.56	4	3570.35	2.229E-04	2.88	3.33	0.53
1/13/2009	13:45	14.0	5,410	3	116.4	0.8	1,744.0	60	221.82	1911.66	7646.63	4	3815.37	2.382E-04	3.17	3.67	0.59
1/13/2009	14:15	14.0	5,327	3	117.8	0.5	1,788.0	90	217.88	1959.89	7839.55	4	3911.63	2.442E-04	3.19	3.69	0.59
1/13/2009	14:45	14.0	5,172	3	121.2	0.0	1,691.0	120	210.31	1853.56	7414.25	4	3699.42	2.310E-04	2.91	3.37	0.54
1/13/2009	15:15	15.0	5,218	3	125.1	0.0	1,737.0	150	210.76	1903.98	7615.94	4	3800.06	2.372E-04	3.00	3.47	0.56
1/13/2009	15:45	14.0	5,133	3	127.4	0.0	1,817.0	180	206.52	1991.67	7966.70	4	3975.07	2.482E-04	3.08	3.56	0.57
1/13/2009	16:15	14.0	4,963	3	129.0	0.0	1,774.0	210	199.14	1944.54	7778.16	4	3881.00	2.423E-04	2.89	3.35	0.54
1/13/2009	16:45	14.0	5,084	3	128.0	0.0	1,729.0	240	204.34	1895.21	7580.86	4	3782.56	2.361E-04	2.90	3.35	0.54
1/13/2009	17:15	14.0	5,142	3	129.2	0.0	1,733.0	270	206.25	1899.60	7598.40	4	3791.31	2.367E-04	2.93	3.39	0.54
1/13/2009	17:45	14.0	4,999	3	126.1	0.0	1,602.0	300	201.57	1756.01	7024.02	4	3504.72	2.188E-04	2.65	3.06	0.49
1/13/2009	18:15	14.0	5,022	3	125.3	0.0	1,781.0	330	202.78	1952.21	7808.86	4	3896.32	2.432E-04	2.96	3.42	0.55
1/13/2009	18:45	14.0	5,114	3	126.8	0.0	1,724.0	360	205.96	1889.73	7558.94	4	3771.62	2.355E-04	2.91	3.37	0.54
1/13/2009	19:15	14.0	4,982	3	123.4	0.0	1,699.0	390	201.82	1862.33	7449.32	4	3716.92	2.320E-04	2.81	3.25	0.52
1/13/2009	19:45	14.0	4,877	3	122.6	0.0	1,681.0	420	197.83	1842.60	7370.40	4	3677.55	2.296E-04	2.73	3.15	0.50
1/13/2009	20:15	14.0	5,039	3	120.4	0.0	1,721.0	450	205.18	1886.45	7545.78	4	3765.05	2.351E-04	2.89	3.35	0.54
1/13/2009	20:45	14.0	5,156	3	121.8	0.0	1,716.0	480	209.44	1880.97	7523.86	4	3754.12	2.344E-04	2.95	3.41	0.55
Average		14.2	5123	3.0	123.2	0.2	1723		207.59	1888.51	7554.04	4	3769.17	2.353E-04	2.93	3.39	0.54
Bws =	0.088	Bwsw:	0.06														

Total Pounds of Carbon Recovered as Emissions: 23.45

Total Pounds of Gasoline Vapor Recovered as Emissions: 27.13

Total Gallons of Gasoline Recovered as Emissions: 4.34

(This Number Represents the Gallons Recovered via Vapors, Not Total Liquids)

TERRY Environmental Services
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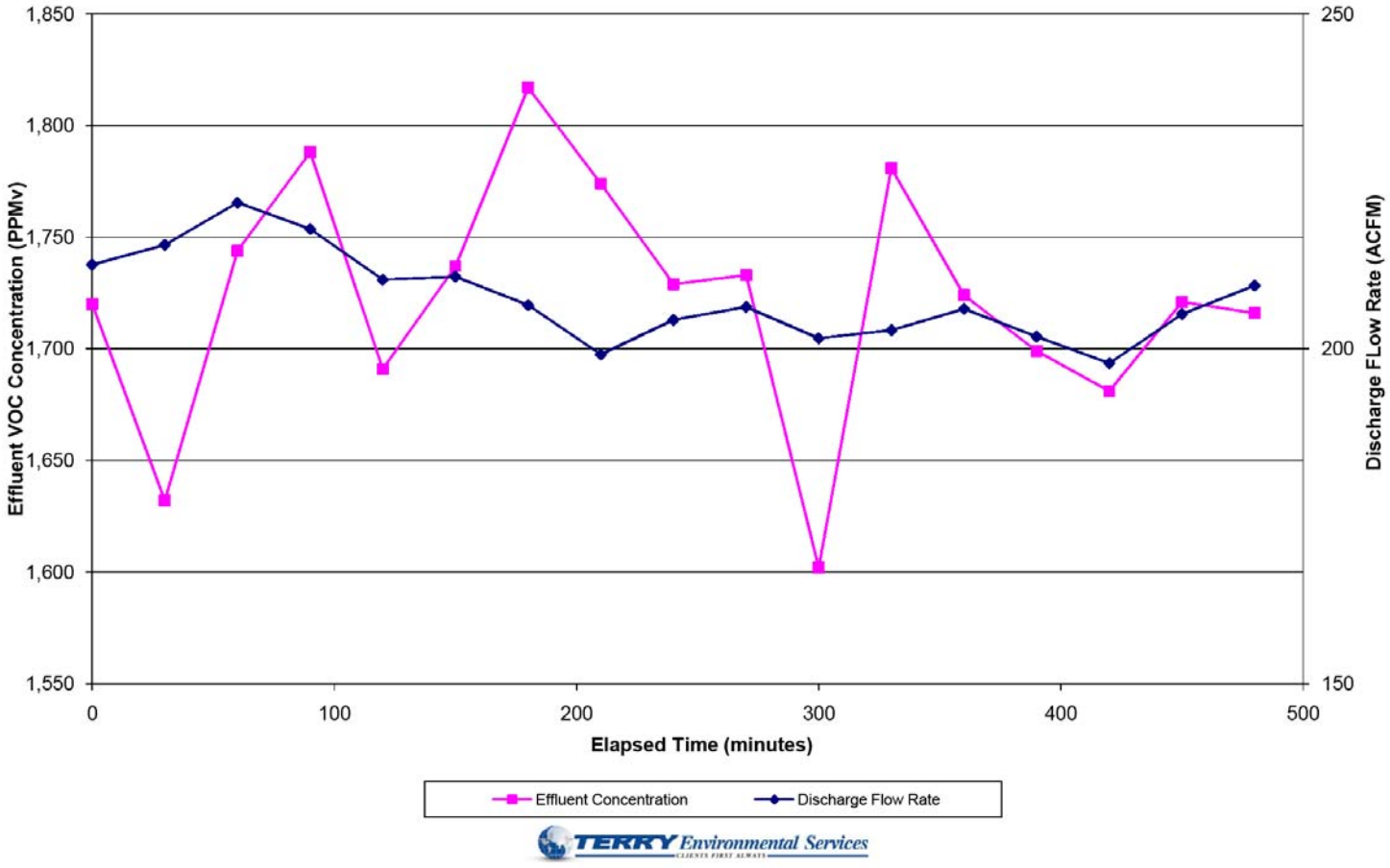
AFVR PROCESS MONITORING
January 13, 2009
Former Li'l Cricket #339, Seneca, South Carolina
SCDHEC UST Permit #07303



TERRY Environmental Services
CLIENTS FIRST ALWAYS

AFVR Definitions and Equations

Qstd = (60 sec/min) (1- Bws) (velocity) (Pipe ID sq.ft.) [(528 oR / (Temp. + 460)] (Listed As Flow Above)

Bws = (B_{wsw} / 18 lb-mole H_2O) / [(1/28.84 lb-mole dry air) + B_{wsw} / 18 lb-mole H_2O)]

PPMd = (PPMw) / (1-Bws)

PPMc = (PPM) (K)

Cc = Ccm (62.43 E -9 lb-m^3/mg-ft^3)

PMRg = (PMRc) (Mg/Mcg)

Bgs = below top of casing

Bws = (B_{WSW} / 18 lb-mole H_2O) / [(1/28.84 lb-mole dry air) + B_{wsw} / 18 lb-mole H_2O)]

Qstd = (60 sec/min)(1-Bws)(V)(A)(Temp deg Rankin)

Bgs = below top of casing

Bws - water vapor % by volume

PPMmeasured = obtained directly from Photo Ionization Detector (PID)

Bwsw - pounds of water per pound of dry air, derived from the psychometric chart (temp Vs relative hum)

PPMw = PPM measured (wet Conc.)

K = # of carbons in calibration gas (isobutylene)

PPMc = PPMv, volumetric concentration of VOC emissions as carbon, dry basis, at STP

Ccm = mg/dsm^3, mass concentration of VOC emissions as carbon

Mc = 12.01 mg/mg-mole, molecular wt. of carbon

K_3 = 24.07 $dsm^3/10^6$ mg-mole, mass to volume conversion factor at stp

Cc = lb/dscf, mass concentration of VOC emissions as carbon, dry basis, at STP

PMRc = lb/hr, pollutant mass removal rate of VOC's as carbon

PMRg = lb/hr, pollutant mass removal rate of VOC's as gasoline

Mcg = 89 mg/mg-mole, weight of carbon in gasoline molecule

PPMd = "dry" concentration

Mg = 103 mg/mg-mole, molecular wt. of gasoline

Qstd - Flow at DSCFM

Ccm = PPMc (Mc/K_3)

PMRc = Cc (Qstd) (60 min/hr)

Reference:

North Carolina Department of Natural Resources, Division of Waste Management, Underground Storage Tank Section, Appendix B, Report Formats, April 2001.

US Water Recovery

Non-Hazardous Wastewater Manifest

Number:

1. Generator's EPA ID# (If applicable): SCDHEC# 07303
   Waste ID Number:
2. Generator's Name and Mailing Address:
   Former Lil' Cricket #339
   800 West North First St
   Seneca, SC
   Phone (843) 873-8200
   PO#: 2170 C
3. Agent of Generator and Mailing Address:
   Terry Environmental Services
   P.O. Box 25
   Summerville, SC 29484
   Phone (843) 873-8200
   PO#: 2170 C
4. Transporter Company Name: ↑ SAME
   Phone ( )
   Truck & Trailer License Number:
5. Transporter U.S. EPA ID#:

6. Facility Name and Site Address:	Phone: (843) 797-8674	Mailing Address:	Phone: (843) 797-3111
U S Water Recovery 435 Old Mt. Holly Rd. Mt. Holly, SC 29445	Fax: (843) 797-2126	U S Water Recovery 511 Old Mt. Holly Rd. Goose Creek, SC 29445	Fax: (843) 797-0710

7. Facility U.S. EPA ID#:

Start Level:	End Level:	Total Gallons:	Tank Number
0	75	75	

8. U.S. DOT Desciption	Container No.	Container Type	Unit	Quantity
a. Non-Hazardous, non-regulated waste water	1	VAC	Gallons	75

9. Generator's Certification: I hereby declare that the contents of this consignment are not hazardous by definition or listing and are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina. I further certify that the contents of this consignment are as represented by the description contained on the Waste Profile Form previously submitted to and approved by the Designated Facility.

Printed/Typed Name: Brandon Weston — Signature: BW As Agent — Date: 12/11/08

10. Transporter Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon Weston — Signature: BW As Agent — Date: 12/11/08

11. Discrepancy indication space:

12. Facility Owner or Operator Certification of Receipt of Materials

Printed/Typed Name: David Ward — Signature: David Ward — Date: 12-11-08

White - Facility Yellow - Transporter Pink - Generator

5539

US Water Recovery

Non-Hazardous Wastewater Manifest Number:

1. Generator's EPA ID# (if applicable): SCDHEC # 07303
   Waste ID Number:
2. Generator's Name and Mailing Address: Former Lil' Cricket #339
   800 West North First St
   Seneca, SC
   Phone (843) 873-8200
   PO#: 2170-C
3. Agent of Generator and Mailing Address: Terry Environmental Services
   P.O. Box 25
   Summerville, SC 29484
   Phone (843) 873-8200
   PO#: 2170-C
4. Transporter Company Name: SAME
   Phone ( )
   Truck & Trailer License Number:
5. Transporter U.S. EPA ID#:

6. Facility Name and Site Address:	Phone: (843) 797-8674	Mailing Address:	Phone: (843) 797-3111
U S Water Recovery 435 Old Mt. Holly Rd. Mt. Holly, SC 29445	Fax: (843) 797-2126	U S Water Recovery 511 Old Mt. Holly Rd. Goose Creek, SC 29445	Fax: (843) 797-0710

7. Facility U.S. EPA ID#:

Start Level:	End Level:	Total Gallons:	Tank Number
0	100	100	

8. U.S. DOT Description	Container No.	Container Type	Unit	Quantity
a. Non-Hazardous, non-regulated waste water	1	VAC	Gallons	100

9. Generator's Certification: I hereby declare that the contents of this consignment are not hazardous by definition or listing and are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina. I further certify that the contents of this consignment are as represented by the description contained on the Waste Profile Form previously submitted to and approved by the Designated Facility.

Printed/Typed Name: Brandon Weston Signature: BW WR As Agent Date: 1/14/09

10. Transporter Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon Weston Signature: BW WR As Agent Date: 1/14/09

11. Discrepancy indication space:

12. Facility Owner or Operator: Certification of Receipt of Materials

Printed/Typed Name: David Wm Signature: David Wm Date: 1-15-09

White - Facility Yellow - Transporter Pink - Generator

4563

APPENDIX 4

Well Construction Logs

TERRY ENVIRONMENTAL SERVICES
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WELL LOG

MONITORING WELL #: MW-11
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170C
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: K. Cone
START DATE: 1/5/09 FINISH DATE: 1/5/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Vincent Federle (Cert # 1930)
DRILLING METHOD: Air

HOLE DIAMETER: 6"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 103.51
WATER LEVEL: 43.31 ft bgs
EASTING: 730.5162
NORTHING: 1090.9779
DEVELOPMENT: Pumping/Surging

Casing Interval 0-40 ft bgs | Bentonite Interval 36-38 ft bgs | Filter Interval 38-50 ft bgs
Screen Interval 40-50 ft bgs | Grout Interval 0-36 ft bgs | Filter Material Sand

Depth Scale	Sample Zone	Odor 1=none 2=slight 3=strong	OVA Reading	Moisture 1=dry 2=moist 3=wet	Lithology	Water Level	Well Construction
0		1	2.0	2	ASPHALT: Asphalt		WELLCAP
5		1	12.3	2	CLAYEY SILT: Red brown clayey silt, trace mica		
10		1	15.8	2	SANDY SILT: Red brown fine sandy silt, trace mica		GROUTED ANNULUS
15		1	37.0	2			
20		1	52.4	2			
25		1	65.9	2			SCH 40 PVC CASING
30		1	21.0	2			
35		1	20.1	2			BENTONITE
40		1	37.2	3	SANDY SILT: Brown fine to medium sandy silt, little mica		GRAVEL PACK
45							SCH 40 WELLSCREEN
50							

Total Depth = 50 ft bgs

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WELL LOG

MONITORING WELL #: MW-12
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170C
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: K. Cone
START DATE: 1/5/09 FINISH DATE: 1/5/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Vincent Federle (Cert # 1930)
DRILLING METHOD: Air

HOLE DIAMETER: 6"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 104.4
WATER LEVEL: 45.39 ft bgs
EASTING: 732.3835
NORTHING: 1119.9757
DEVELOPMENT: Pumping/Surging

Casing Interval 0-40 ft bgs | Bentonite Interval 36-38 ft bgs | Filter Interval 38-50 ft bgs
Screen Interval 40-50 ft bgs | Grout Interval 0-36 ft bgs | Filter Material Sand

Depth Scale	Sample Zone	Odor 1=none 2=slight 3=strong	OVA Reading	Moisture 1=dry 2=moist 3=wet	Lithology	Water Level	Well Construction
0		1	3.1	2	ASPHALT: Asphalt		WELLCAP
5		1	12.4	2	CLAYEY SILT: Red brown clayey silt, trace mica		
10		1	7.9	2	SANDY SILT: Red brown fine sandy silt, trace mica		GROUTED ANNULUS
15		1	11.9	2			
20		1	12.8	2			
25		1	8.1	2			SCH 40 PVC CASING
30		1	16.1	2			
35		1	11.3	2			BENTONITE
40		1	4.2	3	SANDY SILT: Brown fine to medium sandy silt, little mica		GRAVEL PACK
45					SILTY SAND: Tan fine to coarse silty sand		
50					SANDY SILT: Brown fine to medium sandy silt, little mica		SCH 40 WELLSCREEN

Total Depth = 50 ft bgs

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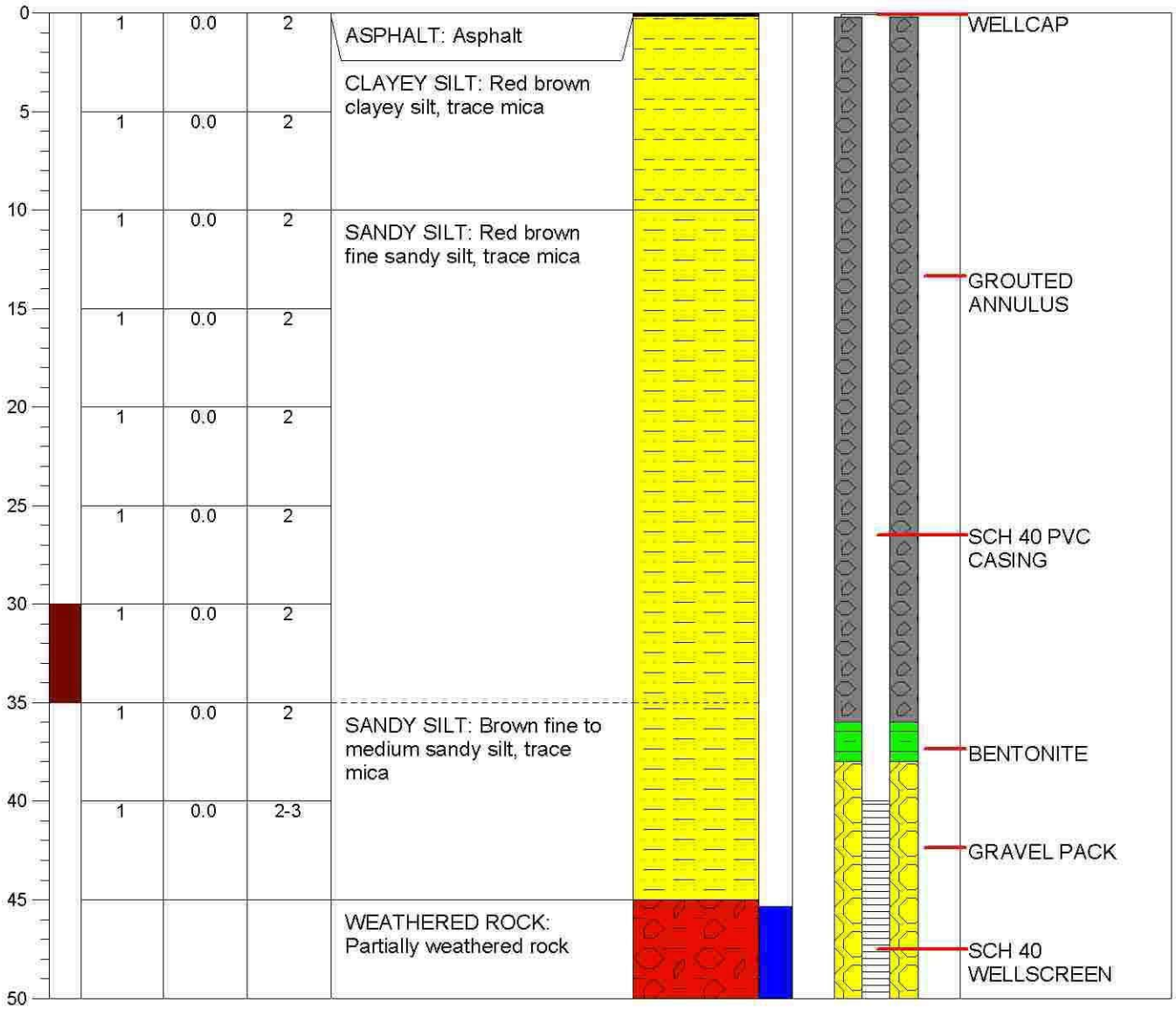
WELL LOG

MONITORING WELL #: MW-13
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170C
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: K. Cone
START DATE: 1/8/09 FINISH DATE: 1/8/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Vincent Federle (Cert # 1930)
DRILLING METHOD: Air

HOLE DIAMETER: 6"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 103.54
WATER LEVEL: 45.34 ft bgs
EASTING: 728.1512
NORTHING: 1149.0612
DEVELOPMENT: Pumping/Surging

Casing Interval 0-40 ft bgs | Bentonite Interval 36-38 ft bgs | Filter Interval 38-50 ft bgs
Screen Interval 40-50 ft bgs | Grout Interval 0-36 ft bgs | Filter Material Sand



Total Depth = 50 ft bgs

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WELL LOG

MONITORING WELL #: MW-14
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170C
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: K. Cone
START DATE: 1/5/09 FINISH DATE: 1/5/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Vincent Federle (Cert # 1930)
DRILLING METHOD: Air

HOLE DIAMETER: 6"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 104.32
WATER LEVEL: 49.58 ft bgs
EASTING: 734.6944
NORTHING: 1204.3397
DEVELOPMENT: Pumping/Surging

Casing Interval 0-45 ft bgs Bentonite Interval 41-43 ft bgs Filter Interval 43-55 ft bgs
Screen Interval 45-55 ft bgs Grout Interval 0-41 ft bgs Filter Material Sand

Depth Scale	Sample Zone	Odor 1=none 2=slight 3=strong	OVA Reading	Moisture 1=dry 2=moist 3=wet	Lithology	Water Level	Well Construction
0		1	0.0	2	ASPHALT: Asphalt		WELLCAP
5		1	0.0	2	CLAYEY SILT: Red brown clayey silt, trace mica		
10		1	3.6	2	SANDY SILT: Red brown fine sandy silt, trace mica		GROUTED ANNULUS
15		1	1.4	2			
20		1	0.9	2	SANDY SILT: Tan orange fine to coarse sandy silt, trace rock fragments		
25		1	1.8	2	SANDY SILT: Red brown fine sandy silt, trace mica		SCH 40 PVC CASING
30		1	4.8	2			
35		1	3.9	2			
40					SANDY SILT: Brown fine to medium sandy silt, little mica		BENTONITE
45					WEATHERED ROCK: Partially weathered rock		GRAVEL PACK
50							SCH 40 WELLSCREEN
55							

Total Depth = 55 ft bgs

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WELL LOG

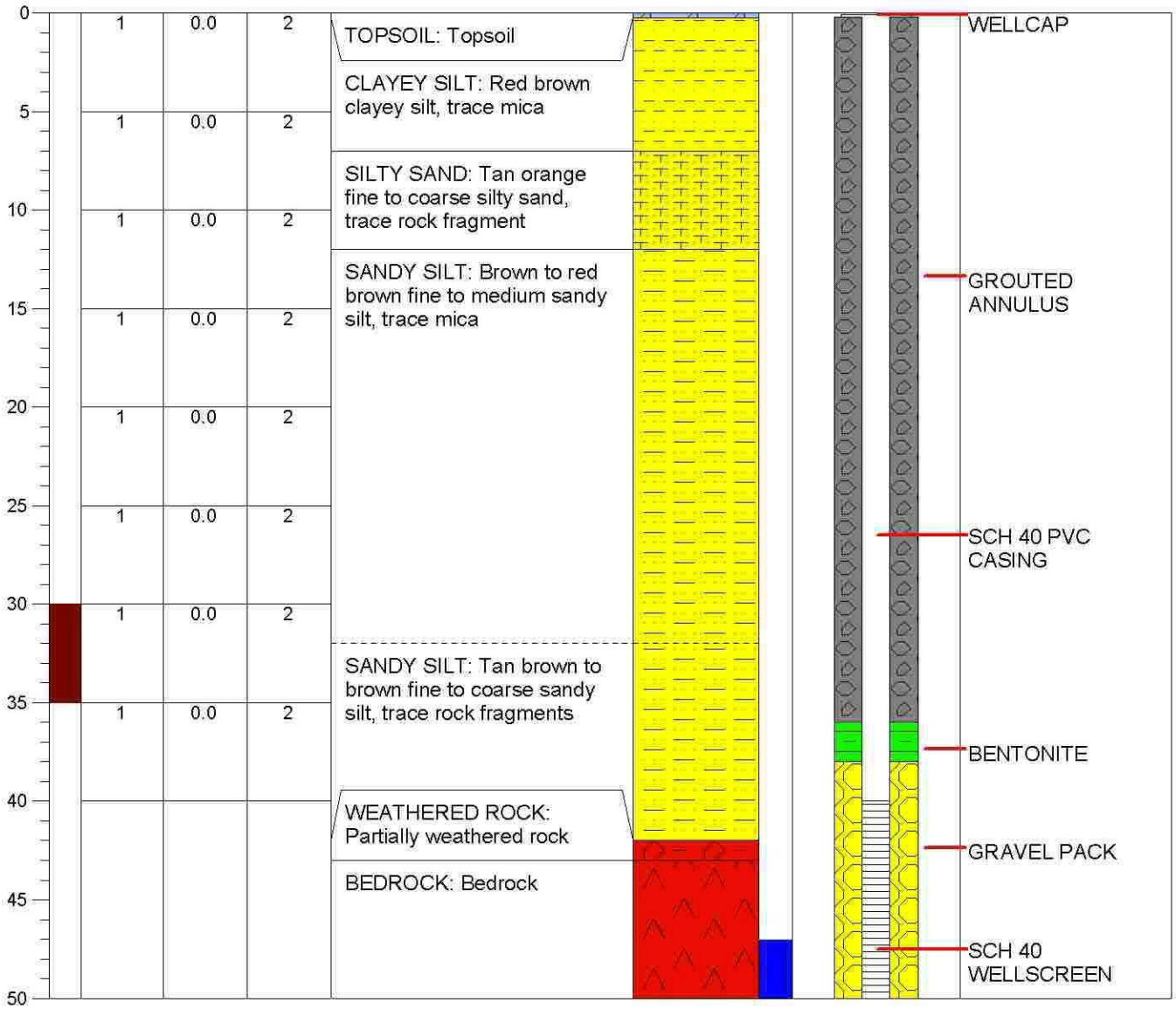
MONITORING WELL #: MW-15
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170C
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: K. Cone
START DATE: 1/8/09 FINISH DATE: 1/8/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Vincent Federle (Cert # 1930)
DRILLING METHOD: Air

HOLE DIAMETER: 6"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 102.67
WATER LEVEL: 47.05 ft bgs
EASTING: 687.3585
NORTHING: 1201.2312
DEVELOPMENT: Pumping/Surging

Casing Interval 0-40 ft bgs Bentonite Interval 36-38 ft bgs Filter Interval 38-50 ft bgs
Screen Interval 40-50 ft bgs Grout Interval 0-36 ft bgs Filter Material Sand

Depth Scale	Sample Zone	Odor 1=none 2=slight 3=strong	OVA Reading	Moisture 1=dry 2=moist 3=wet	Lithology	Water Level	Well Construction
0–5		1	0.0	2	TOPSOIL: Topsoil CLAYEY SILT: Red brown clayey silt, trace mica		WELLCAP
5–10		1	0.0	2	SILTY SAND: Tan orange fine to coarse silty sand, trace rock fragment		
10–15		1	0.0	2	SANDY SILT: Brown to red brown fine to medium sandy silt, trace mica		GROUTED ANNULUS
15–20		1	0.0	2			
20–25		1	0.0	2			
25–30		1	0.0	2			SCH 40 PVC CASING
30–35		1	0.0	2	SANDY SILT: Tan brown to brown fine to coarse sandy silt, trace rock fragments		
35–40		1	0.0	2			BENTONITE
40–45					WEATHERED ROCK: Partially weathered rock BEDROCK: Bedrock		GRAVEL PACK
45–50							SCH 40 WELLSCREEN



Total Depth = 50 ft bgs

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WELL LOG

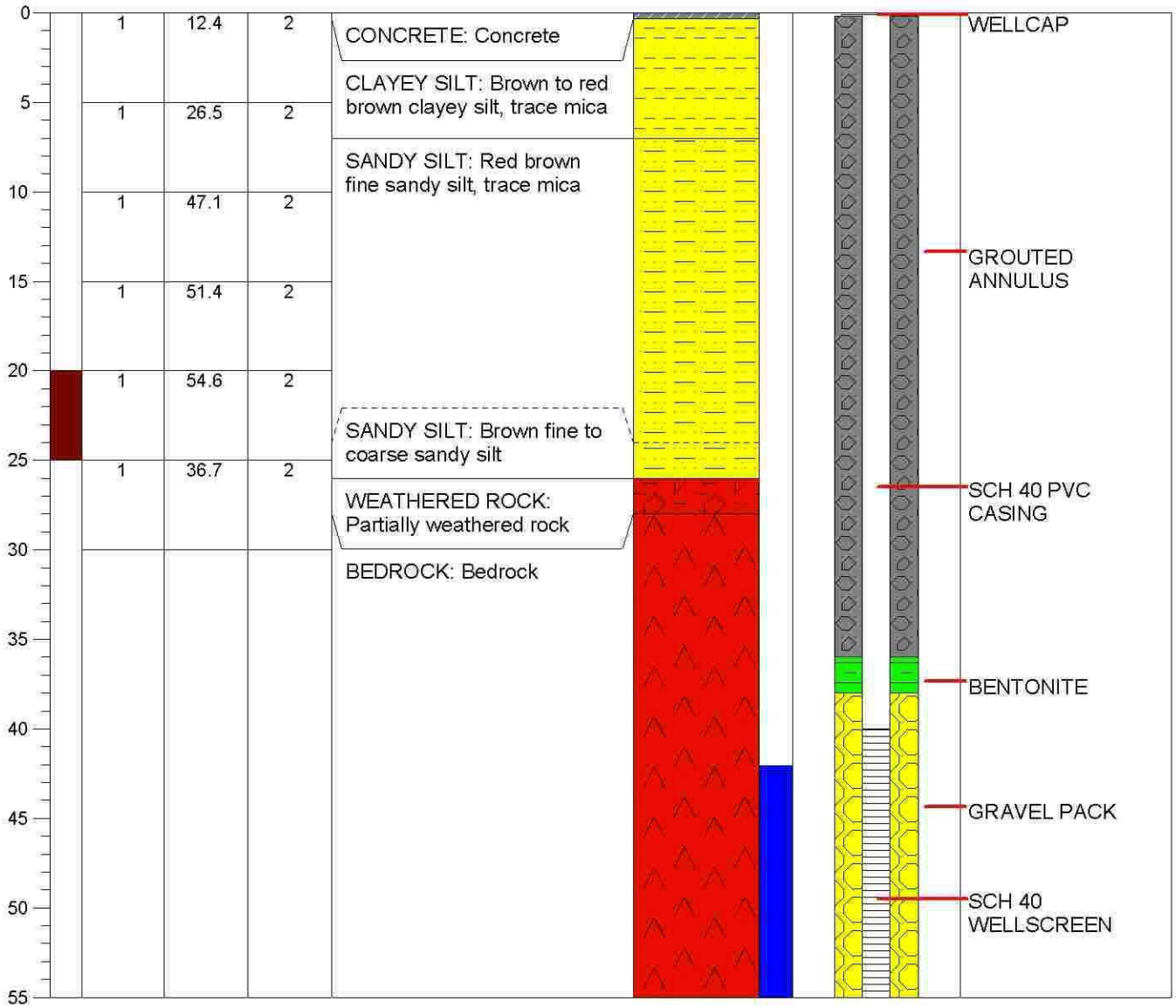
MONITORING WELL #: MW-16
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170C
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: K. Cone
START DATE: 1/6/09 FINISH DATE: 1/6/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Vincent Federle (Cert # 1930)
DRILLING METHOD: Air

HOLE DIAMETER: 6"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 101.33
WATER LEVEL: 42.08 ft bgs
EASTING: 634.1649
NORTHING: 1154.8585
DEVELOPMENT: Pumping/Surging

Casing Interval 0-40 ft bgs Bentonite Interval 36-38 ft bgs Filter Interval 38-55 ft bgs
Screen Interval 40-55 ft bgs Grout Interval 0-38 ft bgs Filter Material Sand

Depth Scale	Sample Zone	Odor 1=none 2=slight 3=strong	OVA Reading	Moisture 1=dry 2=moist 3=wet	Lithology	Water Level	Well Construction
0-55		1	12.4	2	CONCRETE: Concrete		WELLCAP
		1	26.5	2	CLAYEY SILT: Brown to red brown clayey silt, trace mica		
		1	47.1	2	SANDY SILT: Red brown fine sandy silt, trace mica		GROUTED ANNULUS
		1	51.4	2			
		1	54.6	2			
		1	36.7	2	SANDY SILT: Brown fine to coarse sandy silt		SCH 40 PVC CASING
					WEATHERED ROCK: Partially weathered rock		
					BEDROCK: Bedrock		BENTONITE
							GRAVEL PACK
							SCH 40 WELLSCREEN



Total Depth = 55 ft bgs

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WELL LOG

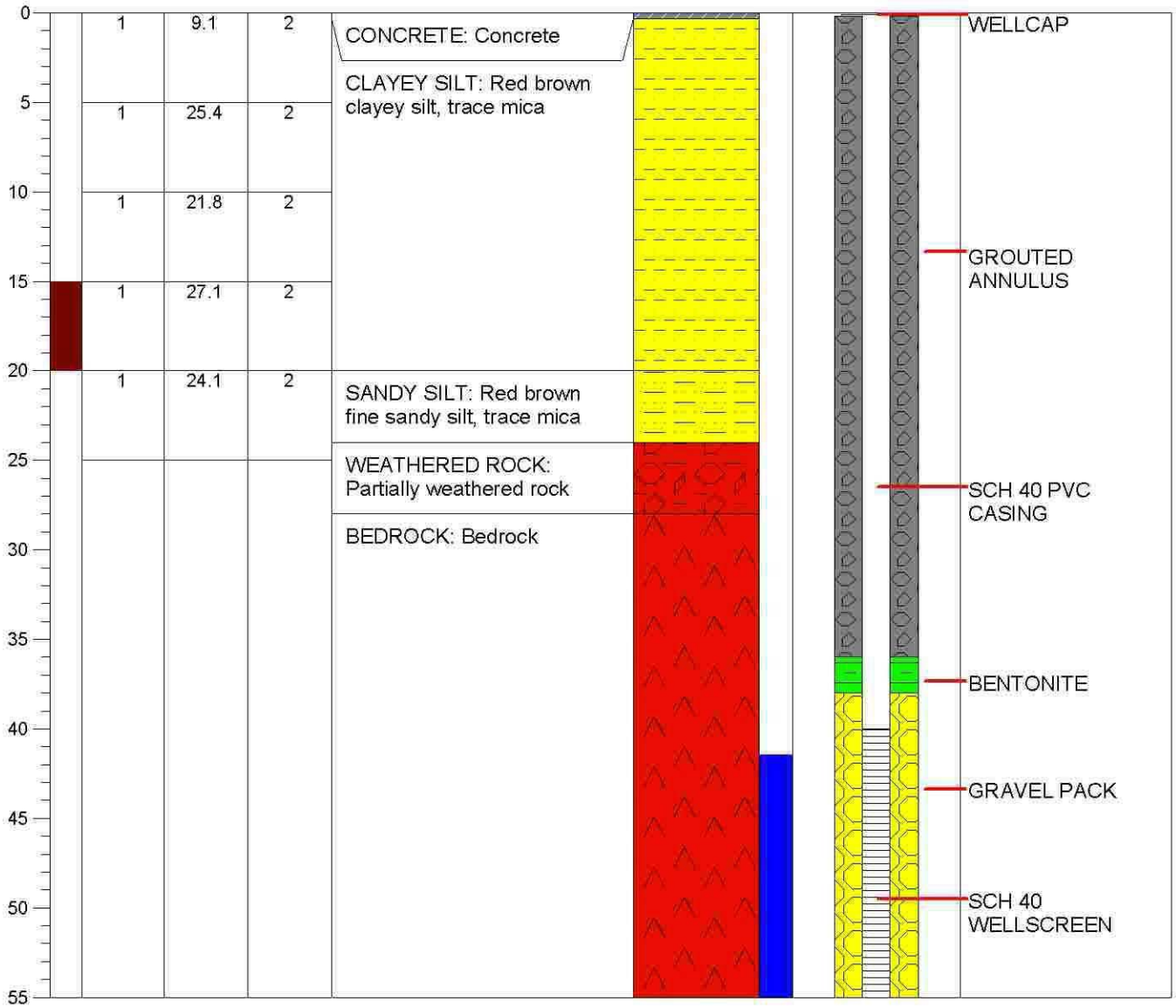
MONITORING WELL #: MW-17
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170C
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: K. Cone
START DATE: 1/6/09 FINISH DATE: 1/6/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Vincent Federle (Cert # 1930)
DRILLING METHOD: Air

HOLE DIAMETER: 6"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 100.78
WATER LEVEL: 41.43 ft bgs
EASTING: 612.9189
NORTHING: 1128.5431
DEVELOPMENT: Pumping/Surging

Casing Interval 0-40 ft bgs Bentonite Interval 36-38 ft bgs Filter Interval 38-55 ft bgs
Screen Interval 40-55 ft bgs Grout Interval 0-38 ft bgs Filter Material Sand

Depth Scale	Sample Zone	Odor 1=none 2=slight 3=strong	OVA Reading	Moisture 1=dry 2=moist 3=wet	Lithology	Water Level	Well Construction
0		1	9.1	2	CONCRETE: Concrete		WELLCAP
5		1	25.4	2	CLAYEY SILT: Red brown clayey silt, trace mica		
10		1	21.8	2			GROUTED ANNULUS
15		1	27.1	2			
20		1	24.1	2	SANDY SILT: Red brown fine sandy silt, trace mica		
25					WEATHERED ROCK: Partially weathered rock		SCH 40 PVC CASING
30					BEDROCK: Bedrock		
35							BENTONITE
40							
45							GRAVEL PACK
50							SCH 40 WELLSCREEN
55							



Total Depth = 55 ft bgs

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WELL LOG

MONITORING WELL #: MW-18
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170C
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: K. Cone
START DATE: 1/8/09 FINISH DATE: 1/8/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Vincent Federle (Cert # 1930)
DRILLING METHOD: Air

HOLE DIAMETER: 6"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 100.31
WATER LEVEL: 40.90 ft bgs
EASTING: 618.6262
NORTHING: 1093.1199
DEVELOPMENT: Pumping/Surging

Casing Interval 0-35 ft bgs | Bentonite Interval 31-33 ft bgs | Filter Interval 33-50 ft bgs
Screen Interval 35-50 ft bgs | Grout Interval 0-31 ft bgs | Filter Material Sand

Depth Scale	Sample Zone	Odor 1=none 2=slight 3=strong	OVA Reading	Moisture 1=dry 2=moist 3=wet	Lithology	Water Level	Well Construction
0		1	3.6	2	CONCRETE: Concrete		WELLCAP
					CLAYEY SILT: Red brown clayey silt		
5		1	3.4	2			
10		1	12.3	2	SANDY SILT: Red brown fine sandy silt, trace mica		GROUTED ANNULUS
15		1	11.6	2			
20		1	15.1	2			
25					SANDY SILT: Brown fine to medium sandy silt, trace mica		SCH 40 PVC CASING
					WEATHERED ROCK: Partially weathered rock		
30					BEDROCK: Bedrock		BENTONITE
35							GRAVEL PACK
40							
45							SCH 40 WELLSCREEN
50							

Total Depth = 50 ft bgs

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WELL LOG

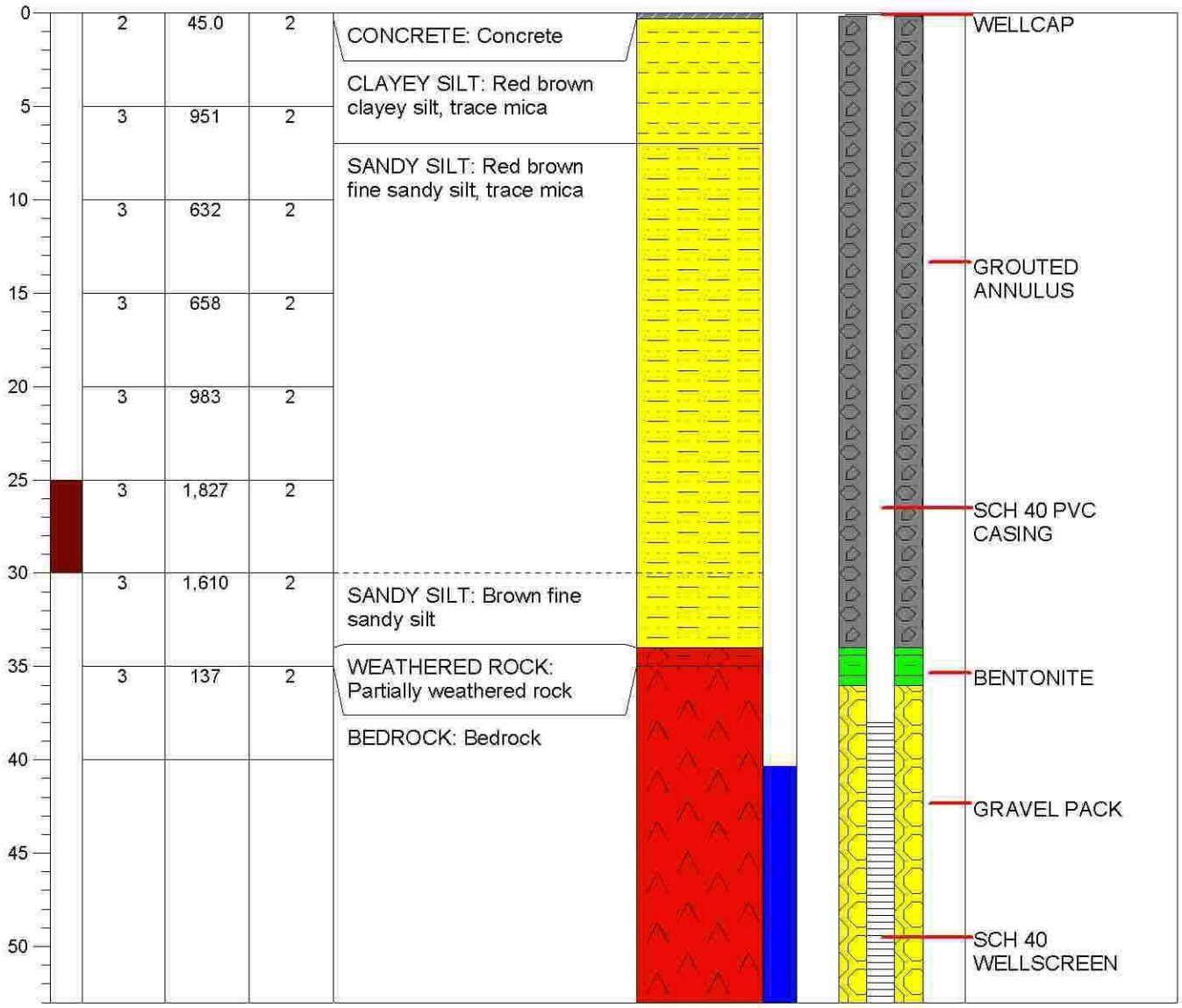
MONITORING WELL #: MW-19
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170C
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: K. Cone
START DATE: 1/7/09 FINISH DATE: 1/7/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Vincent Federle (Cert # 1930)
DRILLING METHOD: Air

HOLE DIAMETER: 6"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 100.78
WATER LEVEL: 40.33 ft bgs
EASTING: 655.7095
NORTHING: 1091.2834
DEVELOPMENT: Pumping/Surging

Casing Interval 0-38 ft bgs Bentonite Interval 34-36 ft bgs Filter Interval 36-53 ft bgs
Screen Interval 38-53 ft bgs Grout Interval 0-34 ft bgs Filter Material Sand

Depth Scale	Sample Zone	Odor 1=none 2=slight 3=strong	OVA Reading	Moisture 1=dry 2=moist 3=wet	Lithology	Water Level	Well Construction
0		2	45.0	2	CONCRETE: Concrete		WELLCAP
5		3	951	2	CLAYEY SILT: Red brown clayey silt, trace mica		
10		3	632	2	SANDY SILT: Red brown fine sandy silt, trace mica		GROUTED ANNULUS
15		3	658	2			
20		3	983	2			
25		3	1,827	2			SCH 40 PVC CASING
30		3	1,610	2	SANDY SILT: Brown fine sandy silt		
35		3	137	2	WEATHERED ROCK: Partially weathered rock		BENTONITE
40					BEDROCK: Bedrock		GRAVEL PACK
45							
50							SCH 40 WELLSCREEN



Total Depth = 53 ft bgs

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WELL LOG

MONITORING WELL #: MW-20
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170C
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: K. Cone
START DATE: 1/8/09 FINISH DATE: 1/8/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Vincent Federle (Cert # 1930)
DRILLING METHOD: Air

HOLE DIAMETER: 6"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 102.08
WATER LEVEL: 43.12 ft bgs
EASTING: 691.1906
NORTHING: 1126.1376
DEVELOPMENT: Pumping/Surging

Casing Interval 0-35 ft bgs Bentonite Interval 31-33 ft bgs Filter Interval 33-50 ft bgs
Screen Interval 35-50 ft bgs Grout Interval 0-31 ft bgs Filter Material Sand

Depth Scale	Sample Zone	Odor 1=none 2=slight 3=strong	OVA Reading	Moisture 1=dry 2=moist 3=wet	Lithology	Water Level	Well Construction
0		1	0.0	2	CONCRETE: Concrete		WELLCAP
5		1	4.4	2	CLAYEY SILT: Red brown clayey silt, trace mica		
10		2	6.4	2	SANDY SILT: Red brown fine sandy silt, trace mica		GROUTED ANNULUS
15		2	7.9	2			
20		2	10.2	2			
25		2	5.1	2	SANDY SILT: Brown fine to medium sandy silt, trace mica		SCH 40 PVC CASING
30		2	6.8	2			BENTONITE
35							GRAVEL PACK
40					WEATHERED ROCK: Partially weathered rock		
45					BEDROCK: Bedrock		SCH 40 WELLSCREEN
50							

Total Depth = 50 ft bgs

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WELL LOG

MONITORING WELL #: DW-1
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170C
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: K. Cone
START DATE: 1/7/09 FINISH DATE: 1/8/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Vincent Federle (Cert # 1930)
DRILLING METHOD: Air

HOLE DIAMETER: 5 7/8"
CASING DIAMETER: 2"/6"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 102.36
WATER LEVEL: 47.91 ft bgs
EASTING: 681.4468
NORTHING: 1201.8381
DEVELOPMENT: Pumping/Surging

Casing Interval 0-75 ft bgs Bentonite Interval 69-72 ft bgs Filter Interval 72-80 ft bgs
Screen Interval 75-80 ft bgs Grout Interval 0-69 ft bgs Filter Material Sand

Depth Scale	Sample Zone	Odor 1=none 2=slight 3=strong	OVA Reading	Moisture 1=dry 2=moist 3=wet	Lithology	Water Level	Well Construction
0-80	1	1	4.3	2	TOPSOIL: Topsoil		WELLCAP
		1	8.5	2	CLAYEY SILT: Red brown clayey silt, trace mica		
		1	8.6	2	SILTY SAND: Tan orange fine to coarse silty sand, trace rock fragment		GROUTED ANNULUS
		1	11.1	2			
		1	12.9	2	SANDY SILT: Brown to red brown fine to medium sandy silt, trace mica		
		1	16.2	2			SCH 40 PVC CASING
		1	18.1	2			
		1	17.8	2	SANDY SILT: Tan brown to brown fine to coarse sandy silt, trace rock fragments		
					WEATHERED ROCK: Partially weathered rock		SCH 40 PVC OUTER CASING
					BEDROCK: Bedrock		
							BENTONITE
							GRAVEL PACK
							SCH 40 WELLSCREEN

Total Depth = 80 ft bgs

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WELL LOG

MONITORING WELL #: DW-2
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170C
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: K. Cone
START DATE: 1/7/09 FINISH DATE: 1/8/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Vincent Federle (Cert # 1930)
DRILLING METHOD: Air

HOLE DIAMETER: 5 7/8"
CASING DIAMETER: 2"/6"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 101.77
WATER LEVEL: 44.15 ft bgs
EASTING: 668.7597
NORTHING: 1153.7114
DEVELOPMENT: Pumping/Surging

Casing Interval 0-75 ft bgs Bentonite Interval 68-71 ft bgs Filter Interval 71-80 ft bgs
Screen Interval 75-80 ft bgs Grout Interval 0-68 ft bgs Filter Material Sand

Depth Scale	Sample Zone	Odor 1=none 2=slight 3=strong	OVA Reading	Moisture 1=dry 2=moist 3=wet	Lithology	Water Level	Well Construction
0	1	1	0.2	2	CONCRETE: Concrete		WELLCAP
5	2	1	4.5	2	CLAYEY SILT: Red brown clayey silt, trace mica		
10	3	1	2.3	2	SANDY SILT: Red brown fine sandy silt, trace mica		GROUTED ANNULUS
15	4	1	1.7	2			
20	5	1	2.9	2			
25	6	1	5.9	2			SCH 40 PVC CASING
30	7	3	2.5	2	SANDY SILT: Brown fine to coarse sandy silt, trace mica and rock fragments		
35	8	3	628	2			
40					WEATHERED ROCK: Partially weathered rock		SCH 40 PVC OUTER CASING
45					BEDROCK: Bedrock		
50							
55							
60							
65							
70							BENTONITE
75							GRAVEL PACK
80							SCH 40 WELLSCREEN

Total Depth = 80 ft bgs

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WELL LOG

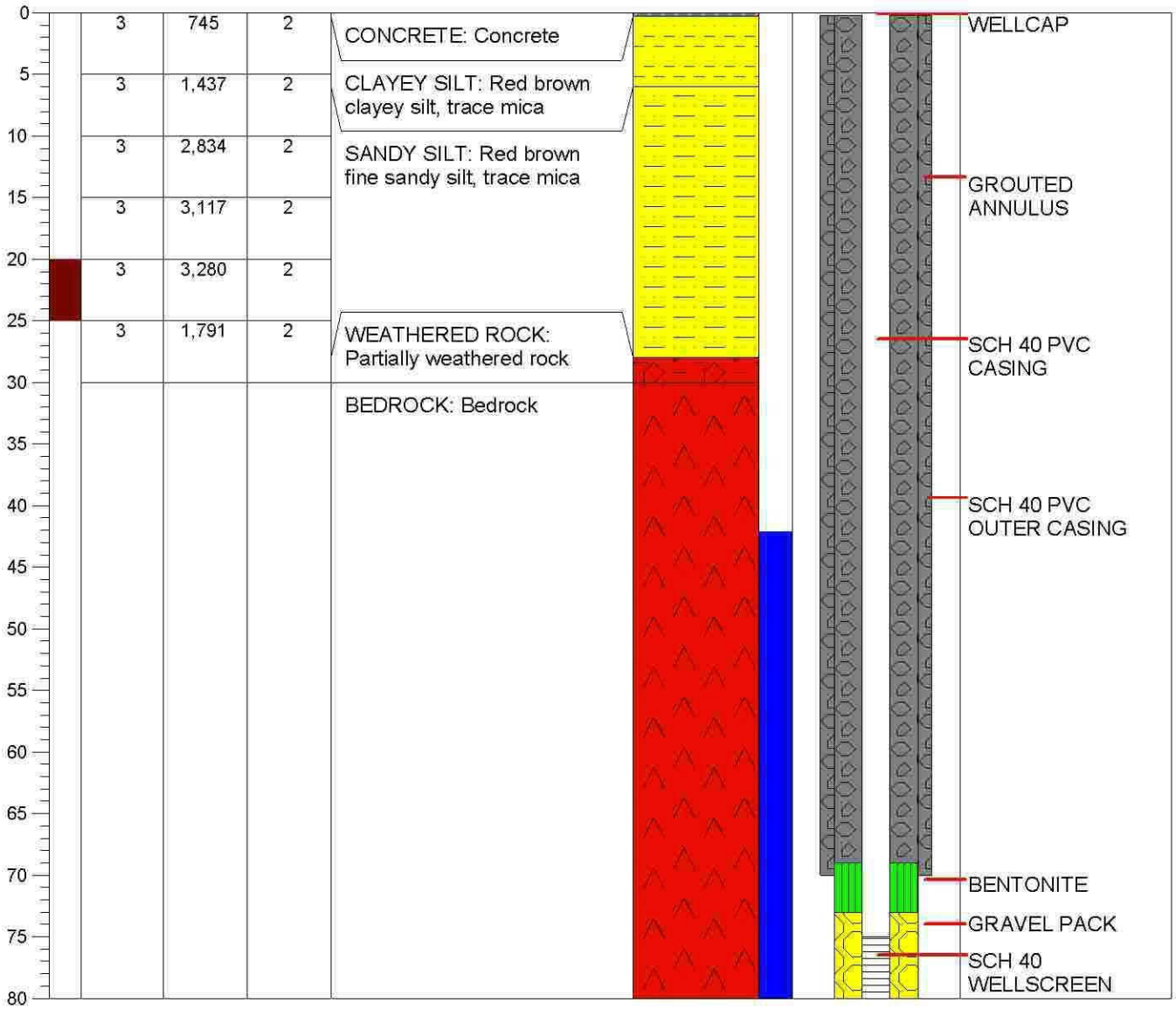
MONITORING WELL #: DW-3
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170C
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: K. Cone
START DATE: 1/8/09 FINISH DATE: 1/9/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Vincent Federle (Cert # 1930)
DRILLING METHOD: Air

HOLE DIAMETER: 5 7/8"
CASING DIAMETER: 2"/6"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 100.83
WATER LEVEL: 42.12 ft bgs
EASTING: 657.315
NORTHING: 1109.0875
DEVELOPMENT: Pumping/Surging

Casing Interval 0-75 ft bgs Bentonite Interval 69-73 ft bgs Filter Interval 73-80 ft bgs
Screen Interval 75-80 ft bgs Grout Interval 0-69 ft bgs Filter Material Sand

Depth Scale	Sample Zone	Odor 1=none 2=slight 3=strong	OVA Reading	Moisture 1=dry 2=moist 3=wet	Lithology	Water Level	Well Construction
0-80		3	745	2	CONCRETE: Concrete		WELLCAP
0-80		3	1,437	2	CLAYEY SILT: Red brown clayey silt, trace mica		
0-80		3	2,834	2	SANDY SILT: Red brown fine sandy silt, trace mica		GROUTED ANNULUS
0-80		3	3,117	2			
0-80		3	3,280	2			
0-80		3	1,791	2	WEATHERED ROCK: Partially weathered rock		SCH 40 PVC CASING
0-80					BEDROCK: Bedrock		SCH 40 PVC OUTER CASING
0-80							BENTONITE
0-80							GRAVEL PACK
0-80							SCH 40 WELLSCREEN



Total Depth = 80 ft bgs

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ASPHALT/GRAVEL	1.0	1.0
RED MICACEOUS SILTY SANDY CLAY	19.0	20.0
BROWN/TAN SILTY SAND	30.0	50.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-11 BENTONITE SEAL FROM 36.0 TO 38.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 50.0 ft. Date Started: 01/05/09 Date Completed: 01/05/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 40.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 10.0 FEET
Set Between: 40.0 ft. and 50.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 43.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 38.0 ft. to 50.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 36.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: VINCE FEDERLE **CERT. NO.:** 01930
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Vincent R. Federle (Well Driller) Date: 01/19/09

If D Level Driller, provide supervising driller's name:
MARK GETTYS

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ASPHALT/GRAVEL	1.0	1.0
RED MICACEOUS SILTY SANDY CLAY	19.0	20.0
BROWN/TAN SILTY SAND	30.0	50.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-12 BENTONITE SEAL FROM 36.0 TO 38.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 01/05/09
50.0 ft. Date Completed: 01/05/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 40.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 10.0 FEET
Set Between: 40.0 ft. and 50.0 ft. **NOTE: MULTIPLE SCREENS**
_____ ft. and _____ ft. **USE SECOND SHEET**
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 45.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 38.0 ft. to 50.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 36.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: VINCE FEDERLE **CERT. NO.:** 01930
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Vincent R. Federle Well Driller Date: 01/19/09

If D Level Driller, provide supervising driller's name:
MARK GETTYS

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE. PROTECT. PROSPER.

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ASPHALT/GRAVEL	1.0	1.0
RED MICACEOUS SILTY SANDY CLAY	19.0	20.0
BROWN/TAN SILTY SAND	25.0	45.0
PARTIALLY WEATHERED ROCK	45.0	50.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-13 BENTONITE SEAL FROM 36.0 TO 38.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 01/08/09
50.0 ft. Date Completed: 01/08/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 40.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 10.0 FEET
Set Between: 40.0 ft. and 50.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 46.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 38.0 ft. to 50.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 36.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: VINCE FEDERLE **CERT. NO.:** 01930
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Vincent R. Federle Well Driller Date: 01/19/09

If D Level Driller, provide supervising driller's name:
MARK GETTYS

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ASPHALT/GRAVEL	1.0	1.0
RED MICACEOUS SILTY SANDY CLAY	19.0	20.0
BROWN/TAN SILTY SAND	23.0	43.0
PARTIALLY WEATHERED ROCK	12.0	55.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-14 BENTONITE SEAL FROM 41.0 TO 43.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 01/05/09
55.0 ft. Date Completed: 01/05/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 45.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 10.0 FEET
Set Between: 45.0 ft. and 55.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 50.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 43.0 ft. to 55.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 41.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: VINCE FEDERLE **CERT. NO.:** 01930
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Vincent R. Federle Date: 01/19/09
Well Driller

If D Level Driller, provide supervising driller's name:
MARK GETTYS

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
RED MICACEOUS SILTY SANDY CLAY	20.0	20.0
BROWN/TAN SILTY SAND	25.0	45.0
ROCK	5.0	50.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-15 BENTONITE SEAL FROM 36.0 TO 38.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 01/08/09
50.0 ft. Date Completed: 01/08/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 40.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 10.0 FEET
Set Between: 40.0 ft. and 50.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 47.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 38.0 ft. to 50.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 36.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: VINCE FEDERLE **CERT. NO.:** 01930
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Vincent R. Federle Date: 01/19/09
Well Driller

If D Level Driller, provide supervising driller's name:
MARK GETTYS

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
CONCRETE	1.0	1.0
RED MICACEOUS SILTY SANDY CLAY	19.0	20.0
BROWN/TAN SILTY SAND	5.0	25.0
PARTIALLY WEATHERED ROCK	1.0	26.0
ROCK	29.0	55.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-16 BENTONITE SEAL FROM 36.0 TO 38.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 55.0 ft. Date Started: 01/06/09 Date Completed: 01/06/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 40.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 15.0 FEET
Set Between: 40.0 ft. and 55.0 ft. **NOTE: MULTIPLE SCREENS**
_____ ft. and _____ ft. **USE SECOND SHEET**
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 42.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 38.0 ft. to 55.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 36.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: VINCE FEDERLE **CERT. NO.:** 01930
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Vincent R. Federle Date: 01/19/09
Well Driller

If D Level Driller, provide supervising driller's name:
MARK GETTYS

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
CONCRETE	1.0	1.0
RED MICACEOUS SILTY SANDY CLAY	19.0	20.0
BROWN/TAN SILTY SAND	4.0	24.0
PARTIALLY WEATHERED ROCK	4.0	28.0
ROCK	27.0	55.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-17 BENTONITE SEAL FROM 36.0 TO 38.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 55.0 ft. Date Started: 01/06/09 Date Completed: 01/06/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 40.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 15.0 FEET
Set Between: 40.0 ft. and 55.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 41.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 38.0 ft. to 55.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 36.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: VINCE FEDERLE CERT. NO.: 01930
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Vincent R. Federle Date: 01/19/09
Well Driller

If D Level Driller, provide supervising driller's name:
MARK GETTYS

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
CONCRETE	1.0	1.0
RED MICACEOUS SILTY SANDY CLAY	19.0	20.0
BROWN/TAN SILTY SAND	10.0	30.0
ROCK	20.0	50.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-18 BENTONITE SEAL FROM 31.0 TO 33.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 01/08/09
50.0 ft. Date Completed: 01/08/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 35.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 15.0 FEET
Set Between: 35.0 ft. and 50.0 ft. NOTE: MULTIPLE SCREENS
_____ ft. and _____ ft. USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 41.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 33.0 ft. to 50.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 31.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: VINCE FEDERLE CERT. NO.: 01930
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Vincent R. Federle Well Driller Date: 01/19/09

If D Level Driller, provide supervising driller's name:
MARK GETTYS

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
CONCRETE	1.0	1.0
RED MICACEOUS SILTY SANDY CLAY	19.0	20.0
BROWN/TAN SILTY SAND	15.0	35.0
ROCK	20.0	55.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-19 BENTONITE SEAL FROM 34.0 TO 36.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 01/07/09
53.0 ft. Date Completed: 01/07/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 38.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 15.0 FEET
Set Between: 38.0 ft. and 53.0 ft. NOTE: MULTIPLE SCREENS
_____ ft. and _____ ft. USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 40.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 36.0 ft. to 53.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 34.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: VINCE FEDERLE **CERT. NO.:** 01930
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Vincent R. Federle Well Driller Date: 01/19/09

If D Level Driller, provide supervising driller's name:
MARK GETTYS

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
CONCRETE	1.0	1.0
RED MICACEOUS SILTY SANDY CLAY	19.0	20.0
BROWN/TAN SILTY SAND	10.0	30.0
ROCK	20.0	50.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-20 BENTONITE SEAL FROM 31.0 TO 33.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 50.0 ft. Date Started: 01/08/09 Date Completed: 01/08/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 35.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 15.0 FEET
Set Between: 35.0 ft. and 50.0 ft. **NOTE: MULTIPLE SCREENS**
_____ ft. and _____ ft. **USE SECOND SHEET**
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 42.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 33.0 ft. to 50.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 31.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: VINCE FEDERLE **CERT. NO.:** 01930
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Vincent R. Federle Well Driller Date: 01/19/09

If D Level Driller, provide supervising driller's name:
MARK GETTYS

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE. PROTECT. PROSPER.

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
RED MICACEOUS SILTY SANDY CLAY	20.0	20.0
BROWN/TAN SILTY SAND	20.0	40.0
ROCK	40.0	80.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
DW-1 BENTONITE SEAL FROM 69.0 TO 72.FT. 6" GALVANIZED CASING GROUTED FROM 0.0 TO 70.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 80.0 ft. Date Started: 01/07/09 Date Completed: 01/08/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH, 6 INCH
Type: ☑ PVC ☑ Galvanized ☐ Steel ☐ Other
2.0 in. to 75.0 ft. depth
6.0 in. to 70.0 ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 5.0 FEET
Set Between: 75.0 ft. and 80.0 ft. **NOTE: MULTIPLE SCREENS**
_____ ft. and _____ ft. **USE SECOND SHEET**
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 48.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 72.0 ft. to 80.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 69.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: VINCE FEDERLE **CERT. NO.:** 01930
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Vincent R. Federle Well Driller Date: 01/19/09

If D Level Driller, provide supervising driller's name:
MARK GETTYS

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
CONCRETE	1.0	1.0
RED MICACEOUS SILTY SANDY CLAY	19.0	20.0
BROWN/TAN SILTY SAND	21.0	41.0
ROCK	39.0	80.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
DW-2 BENTONITE SEAL FROM 68.0 TO 71.0 FT. 6" GALVANIZED CASING GROUTED FROM 0.0 TO 70.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 80.0 ft. Date Started: 01/07/09 Date Completed: 01/08/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH, 6 INCH
Type: ☑ PVC ☑ Galvanized ☐ Steel ☐ Other
2.0 in. to 75.0 ft. depth
6.0 in. to 70.0 ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 5.0 FEET
Set Between: 75.0 ft. and 80.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 49.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 71.0 ft. to 80.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 68.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: VINCE FEDERLE **CERT. NO.:** 01930
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Vincent R. Federle (Well Driller) Date: 01/19/09

If D Level Driller, provide supervising driller's name:
MARK GETTYS

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
CONCRETE	1.0	1.0
RED MICACEOUS SILTY SANDY CLAY	19.0	20.0
BROWN/TAN SILTY SAND	10.0	30.0
ROCK	50.0	80.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
DW-3 BENTONITE SEAL FROM 69.0 TO 73.0 FT. 6" GALVANIZED CASING GROUTED FROM 0.0 TO 70.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 80.0 ft. Date Started: 01/08/09 Date Completed: 01/09/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH, 6 INCH
Type: ☑ PVC ☑ Galvanized ☐ Steel ☐ Other
2.0 in. to 75.0 ft. depth
6.0 in. to 70.0 ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 5.0 FEET
Set Between: 75.0 ft. and 80.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 48.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 73.0 ft. to 80.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 69.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: VINCE FEDERLE **CERT. NO.:** 01930
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Vincent R. Federle Well Driller Date: 01/19/09

If D Level Driller, provide supervising driller's name:
MARK GETTYS

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

APPENDIX 5

Soil Analytical Data

ACCESS
ANALYTICAL, INC.

ANALYTICAL REPORT

CLIENT
Terry Environmental
P.O. Box 25
Summerville, SC 29484

ATTENTION
Kelly Cone

PROJECT ID
LI'L CRICKET #3391 / 2170C

LABORATORY REPORT NUMBER
209011101

DATE
01/16/2009

Primary Data Review By

Curtis Ekker
Data Validation Manager, GCAL

Secondary Data Review By

Ashley B. Amick
Project Manager, Access Analytical, Inc.
aamick@accessanalyticalinc.com

PLEASE NOTE:

- **Unless otherwise noted, all analysis on this report performed at Gulf Coast Analytical Labs (GCAL), 7979 GSRI Rd. Baton Rouge, LA 70820.**

- **GCAL is SCDHEC certified laboratory # 73006, NCDENR certified lab # 618, GA certified lab # LA-01955, NELAP certified laboratory # 01955**

- Local support services for this project are provided by Access Analytical, Inc.. Access Analytical is a representative of GCAL serving clients in the SC/NC/GA areas. All questions regarding this report should be directed to your local Access Analytical representative at 803.781.4243 or toll free at 888.315.4243.

NELAP CERTIFICATE NUMBER 01955

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

Report Date 01/16/2009

GCAL Report 209011101

Deliver To	Terry Environmental P.O. Box 25 Summerville, SC 29484
Attn	Kelly Cone

Project LI'L CRICKET #3391 / 2170C

CASE NARRATIVE

Client: Terry Environmental Services **Report:** 209011101

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

VOLATILES MASS SPECTROMETRY

In the SW-846 8260B analysis for analytical batches 404232 and 404442, no MS/MSD was performed due to insufficient sample volume. The LCS/LCSD is included for review.

In the SW-846 8260B analysis, sample s20901110111 (DW-1), 20901110112 (DW-2), 20901110113 (DW-3) and 20901110109 (MW-19) had to be diluted to bracket the concentration of target compounds within the calibration range of the instrument.

In the SW-846 8260B analysis for analytical batch 404233, the MS/MSD exhibited recovery failures.

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND	Indicates the result was Not Detected at the specified RDL
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
00:00	Reported as a time equivalent to 12:00 AM

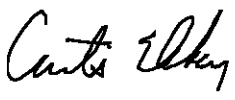
Reporting Flags Utilized in this Report

J	Indicates an estimated value
U	Indicates the compound was analyzed for but not detected
B	(ORGANICS) Indicates the analyte was detected in the associated Method Blank
B	(INORGANICS) Indicates the result is between the RDL and MDL

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with ISO Guide 25 and NELAC, this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.



CURTIS EKKER
DATA VALIDATION MANAGER
GCAL REPORT 209011101

THIS REPORT CONTAINS _____ PAGES.

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20901110101	MW-11	Solid	01/05/2009 14:30	01/10/2009 09:20
20901110102	MW-12	Solid	01/05/2009 15:00	01/10/2009 09:20
20901110103	MW-13	Solid	01/08/2009 16:25	01/10/2009 09:20
20901110104	MW-14	Solid	01/05/2009 16:00	01/10/2009 09:20
20901110105	MW-15	Solid	01/08/2009 17:45	01/10/2009 09:20
20901110106	MW-16	Solid	01/06/2009 16:20	01/10/2009 09:20
20901110107	MW-17	Solid	01/06/2009 17:30	01/10/2009 09:20
20901110108	MW-18	Solid	01/08/2009 09:45	01/10/2009 09:20
20901110109	MW-19	Solid	01/07/2009 16:00	01/10/2009 09:20
20901110110	MW-20	Solid	01/08/2009 15:45	01/10/2009 09:20
20901110111	DW-1	Solid	01/07/2009 09:25	01/10/2009 09:20
20901110112	DW-2	Solid	01/07/2009 13:30	01/10/2009 09:20
20901110113	DW-3	Solid	01/08/2009 11:15	01/10/2009 09:20

Summary of Compounds Detected

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20901110109	**MW-19**	Solid	01/07/2009 16:00	01/10/2009 09:20

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
108-88-3	Toluene	6560	3050	189	ug/Kg
100-41-4	Ethylbenzene	8810	3050	211	ug/Kg
1330-20-7	Xylene (total)	63900	6090	788	ug/Kg
91-20-3	Naphthalene	13000	3050	557	ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20901110111	**DW-1**	Solid	01/07/2009 09:25	01/10/2009 09:20

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	67.4J	87.2	30.2	ug/Kg
1330-20-7	Xylene (total)	791	262	113	ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20901110112	**DW-2**	Solid	01/07/2009 13:30	01/10/2009 09:20

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	129J	260	18.0	ug/Kg
1330-20-7	Xylene (total)	1180	520	67.3	ug/Kg
91-20-3	Naphthalene	2350	260	47.6	ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20901110113	**DW-3**	Solid	01/08/2009 11:15	01/10/2009 09:20

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
108-88-3	Toluene	169000	10500	649	ug/Kg
100-41-4	Ethylbenzene	108000	10500	726	ug/Kg
1330-20-7	Xylene (total)	632000	20900	2710	ug/Kg
91-20-3	Naphthalene	108000	10500	1910	ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20901110101	**MW-11**	Solid	01/05/2009 14:30	01/10/2009 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/12/2009 19:33	RJU	404232

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<4.77	4.77	0.206	ug/Kg
108-88-3	Toluene	<4.77	4.77	0.296	ug/Kg
100-41-4	Ethylbenzene	<4.77	4.77	0.331	ug/Kg
1330-20-7	Xylene (total)	<9.54	9.54	1.23	ug/Kg
91-20-3	Naphthalene	<4.77	4.77	0.872	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	40.8	46.2	ug/Kg	113	62 - 127
1868-53-7	Dibromofluoromethane	40.8	41.4	ug/Kg	102	65 - 130
2037-26-5	Toluene d8	40.8	43.1	ug/Kg	106	71 - 132
17060-07-0	1,2-Dichloroethane-d4	40.8	44.2	ug/Kg	108	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20901110102	**MW-12**	Solid	01/05/2009 15:00	01/10/2009 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/12/2009 19:55	RJU	404232

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<5.37	5.37	0.232	ug/Kg
108-88-3	Toluene	<5.37	5.37	0.333	ug/Kg
100-41-4	Ethylbenzene	<5.37	5.37	0.373	ug/Kg
1330-20-7	Xylene (total)	<10.7	10.7	1.39	ug/Kg
91-20-3	Naphthalene	<5.37	5.37	0.983	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	45.8	50	ug/Kg	109	62 - 127
1868-53-7	Dibromofluoromethane	45.8	46.5	ug/Kg	102	65 - 130
2037-26-5	Toluene d8	45.8	46.8	ug/Kg	102	71 - 132
17060-07-0	1,2-Dichloroethane-d4	45.8	46.6	ug/Kg	102	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20901110103	**MW-13**	Solid	01/08/2009 16:25	01/10/2009 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/12/2009 20:17	RJU	404232

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<5.33	5.33	0.230	ug/Kg
108-88-3	Toluene	<5.33	5.33	0.330	ug/Kg
100-41-4	Ethylbenzene	<5.33	5.33	0.369	ug/Kg
1330-20-7	Xylene (total)	<10.7	10.7	1.38	ug/Kg
91-20-3	Naphthalene	<5.33	5.33	0.974	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	44.9	50.2	ug/Kg	112	62 - 127
1868-53-7	Dibromofluoromethane	44.9	47.2	ug/Kg	105	65 - 130
2037-26-5	Toluene d8	44.9	45.6	ug/Kg	102	71 - 132
17060-07-0	1,2-Dichloroethane-d4	44.9	48.1	ug/Kg	107	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20901110104	**MW-14**	Solid	01/05/2009 16:00	01/10/2009 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/12/2009 20:39	RJU	404232

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<5.22	5.22	0.226	ug/Kg
108-88-3	Toluene	<5.22	5.22	0.324	ug/Kg
100-41-4	Ethylbenzene	<5.22	5.22	0.362	ug/Kg
1330-20-7	Xylene (total)	<10.4	10.4	1.35	ug/Kg
91-20-3	Naphthalene	<5.22	5.22	0.955	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	46	51.2	ug/Kg	111	62 - 127
1868-53-7	Dibromofluoromethane	46	47.2	ug/Kg	103	65 - 130
2037-26-5	Toluene d8	46	48.3	ug/Kg	105	71 - 132
17060-07-0	1,2-Dichloroethane-d4	46	47.7	ug/Kg	104	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20901110105	**MW-15**	Solid	01/08/2009 17:45	01/10/2009 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/12/2009 21:01	RJU	404232

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<5.39	5.39	0.233	ug/Kg
108-88-3	Toluene	<5.39	5.39	0.334	ug/Kg
100-41-4	Ethylbenzene	<5.39	5.39	0.374	ug/Kg
1330-20-7	Xylene (total)	<10.8	10.8	1.39	ug/Kg
91-20-3	Naphthalene	<5.39	5.39	0.986	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	46.3	52.2	ug/Kg	113	62 - 127
1868-53-7	Dibromofluoromethane	46.3	46.9	ug/Kg	101	65 - 130
2037-26-5	Toluene d8	46.3	46.9	ug/Kg	101	71 - 132
17060-07-0	1,2-Dichloroethane-d4	46.3	47.9	ug/Kg	103	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20901110106	**MW-16**	Solid	01/06/2009 16:20	01/10/2009 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/12/2009 21:23	RJU	404232

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<4.76	4.76	0.206	ug/Kg
108-88-3	Toluene	<4.76	4.76	0.295	ug/Kg
100-41-4	Ethylbenzene	<4.76	4.76	0.330	ug/Kg
1330-20-7	Xylene (total)	<9.52	9.52	1.23	ug/Kg
91-20-3	Naphthalene	<4.76	4.76	0.871	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	42.4	47	ug/Kg	111	62 - 127
1868-53-7	Dibromofluoromethane	42.4	42.9	ug/Kg	101	65 - 130
2037-26-5	Toluene d8	42.4	42.1	ug/Kg	99	71 - 132
17060-07-0	1,2-Dichloroethane-d4	42.4	45.6	ug/Kg	107	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20901110107	**MW-17**	Solid	01/06/2009 17:30	01/10/2009 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/12/2009 21:45	RJU	404232

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<5.61	5.61	0.243	ug/Kg
108-88-3	Toluene	<5.61	5.61	0.348	ug/Kg
100-41-4	Ethylbenzene	<5.61	5.61	0.389	ug/Kg
1330-20-7	Xylene (total)	<11.2	11.2	1.45	ug/Kg
91-20-3	Naphthalene	<5.61	5.61	1.03	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	45.5	49.5	ug/Kg	109	62 - 127
1868-53-7	Dibromofluoromethane	45.5	46.5	ug/Kg	102	65 - 130
2037-26-5	Toluene d8	45.5	45.2	ug/Kg	99	71 - 132
17060-07-0	1,2-Dichloroethane-d4	45.5	49.1	ug/Kg	108	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20901110108	**MW-18**	Solid	01/08/2009 09:45	01/10/2009 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/12/2009 22:06	RJU	404232

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<5.47	5.47	0.237	ug/Kg
108-88-3	Toluene	<5.47	5.47	0.339	ug/Kg
100-41-4	Ethylbenzene	<5.47	5.47	0.380	ug/Kg
1330-20-7	Xylene (total)	<10.9	10.9	1.42	ug/Kg
91-20-3	Naphthalene	<5.47	5.47	1.00	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	44.2	49.5	ug/Kg	112	62 - 127
1868-53-7	Dibromofluoromethane	44.2	45.5	ug/Kg	103	65 - 130
2037-26-5	Toluene d8	44.2	45.8	ug/Kg	104	71 - 132
17060-07-0	1,2-Dichloroethane-d4	44.2	48.3	ug/Kg	109	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20901110109	**MW-19**	Solid	01/07/2009 16:00	01/10/2009 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			500	01/12/2009 12:38	AGC	404233

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<3050	3050	132	ug/Kg
108-88-3	**Toluene**	**6560**	**3050**	**189**	**ug/Kg**
100-41-4	**Ethylbenzene**	**8810**	**3050**	**211**	**ug/Kg**
1330-20-7	**Xylene (total)**	**63900**	**6090**	**788**	**ug/Kg**
91-20-3	**Naphthalene**	**13000**	**3050**	**557**	**ug/Kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	25500	26700	ug/Kg	105	62 - 127
1868-53-7	Dibromofluoromethane	25500	25500	ug/Kg	100	65 - 130
2037-26-5	Toluene d8	25500	25000	ug/Kg	98	71 - 132
17060-07-0	1,2-Dichloroethane-d4	25500	24600	ug/Kg	97	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20901110110	**MW-20**	Solid	01/08/2009 15:45	01/10/2009 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/15/2009 09:51	WAS	404442

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<4.87	4.87	0.211	ug/Kg
108-88-3	Toluene	<4.87	4.87	0.302	ug/Kg
100-41-4	Ethylbenzene	<4.87	4.87	0.338	ug/Kg
1330-20-7	Xylene (total)	<9.74	9.74	1.26	ug/Kg
91-20-3	Naphthalene	<4.87	4.87	0.891	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	43.1	45.5	ug/Kg	106	62 - 127
1868-53-7	Dibromofluoromethane	43.1	43.9	ug/Kg	102	65 - 130
2037-26-5	Toluene d8	43.1	44.5	ug/Kg	103	71 - 132
17060-07-0	1,2-Dichloroethane-d4	43.1	49.8	ug/Kg	116	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20901110111	**DW-1**	Solid	01/07/2009 09:25	01/10/2009 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	01/12/2009 11:02	AGC	404233

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<87.2	87.2	18.9	ug/Kg
108-88-3	Toluene	<87.2	87.2	27.0	ug/Kg
100-41-4	**Ethylbenzene**	**67.4J**	**87.2**	**30.2**	**ug/Kg**
1330-20-7	**Xylene (total)**	**791**	**262**	**113**	**ug/Kg**
91-20-3	Naphthalene	<87.2	87.2	79.8	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	3880	4250	ug/Kg	109	62 - 127
1868-53-7	Dibromofluoromethane	3880	4140	ug/Kg	107	65 - 130
2037-26-5	Toluene d8	3880	3680	ug/Kg	95	71 - 132
17060-07-0	1,2-Dichloroethane-d4	3880	4230	ug/Kg	109	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20901110112	DW-2	Solid	01/07/2009 13:30	01/10/2009 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	01/12/2009 11:25	AGC	404233

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<260	260	11.3	ug/Kg
108-88-3	Toluene	<260	260	16.1	ug/Kg
100-41-4	**Ethylbenzene**	**129J**	**260**	**18.0**	**ug/Kg**
1330-20-7	**Xylene (total)**	**1180**	**520**	**67.3**	**ug/Kg**
91-20-3	**Naphthalene**	**2350**	**260**	**47.6**	**ug/Kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	2470	2620	ug/Kg	106	62 - 127
1868-53-7	Dibromofluoromethane	2470	2360	ug/Kg	96	65 - 130
2037-26-5	Toluene d8	2470	2250	ug/Kg	91	71 - 132
17060-07-0	1,2-Dichloroethane-d4	2470	2450	ug/Kg	99	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20901110113	DW-3	Solid	01/08/2009 11:15	01/10/2009 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			2000	01/12/2009 11:52	AGC	404233

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<10500	10500	453	ug/Kg
108-88-3	**Toluene**	**169000**	**10500**	**649**	**ug/Kg**
100-41-4	**Ethylbenzene**	**108000**	**10500**	**726**	**ug/Kg**
1330-20-7	**Xylene (total)**	**632000**	**20900**	**2710**	**ug/Kg**
91-20-3	**Naphthalene**	**108000**	**10500**	**1910**	**ug/Kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	89600	95700	ug/Kg	107	62 - 127
1868-53-7	Dibromofluoromethane	89600	89300	ug/Kg	100	65 - 130
2037-26-5	Toluene d8	89600	89500	ug/Kg	100	71 - 132
17060-07-0	1,2-Dichloroethane-d4	89600	89400	ug/Kg	100	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GC/MS Volatiles Quality Control Summary

Analytical Batch	404232	Client ID	MB404232	LCS404232	LCSD404232
Prep Batch	N/A	GCAL ID	684827	684828	684829
		Sample Type	Method Blank	LCS	LCSD
		Analytical Date	01/12/2009 16:00	01/12/2009 14:53	01/12/2009 15:16
		Matrix	Solid	Solid	Solid

SW-846 8260B		Units	ug/Kg	Spike Added	Result	% R	Control Limits	Result	% R	RPD	RPD Limit
100-41-4	Ethylbenzene	<5.00	5.00	50.0	42.5	85	80 - 123	44.3	89	4	30
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00	50.0	46.7	93	69 - 131	45.8	92	2	30
1330-20-7	Xylene (total)	<10.0	10.0	150	141	94	80 - 120	145	97	3	30
91-20-3	Naphthalene	<5.00	5.00	50.0	44.5	89	58 - 137	48.8	98	9	30
71-43-2	Benzene	<5.00	5.00	50.0	44.9	90	78 - 120	41.8	84	7	21
108-88-3	Toluene	<5.00	5.00	50.0	46.6	93	78 - 122	48.4	97	4	21
Surrogate											
460-00-4	4-Bromofluorobenzene	51.9	104	50	49.5	99	62 - 127	50.7	101		
1868-53-7	Dibromofluoromethane	51.5	103	50	51.9	104	65 - 130	50.2	100		
2037-26-5	Toluene d8	51.3	103	50	51	102	71 - 132	51.3	103		
17060-07-0	1,2-Dichloroethane-d4	52.7	105	50	50.3	101	62 - 125	48.4	97		

Analytical Batch	404233	Client ID	MB404233	LCS404233	LCSD404233
Prep Batch	N/A	GCAL ID	684830	684831	684832
		Sample Type	Method Blank	LCS	LCSD
		Analytical Date	01/12/2009 09:43	01/12/2009 08:12	01/12/2009 08:35
		Matrix	Solid	Solid	Solid

SW-846 8260B		Units	ug/Kg	Spike Added	Result	% R	Control Limits	Result	% R	RPD	RPD Limit
100-41-4	Ethylbenzene	<50.0	50.0	2500	2610	104	80 - 123	2620	105	0.4	30
1634-04-4	tert-Butyl methyl ether (MTBE)	<50.0	50.0	2500	3030	121	69 - 131	2790	112	8	30
1330-20-7	Xylene (total)	<150	150	7500	7760	103	80 - 120	7400	99	5	30
91-20-3	Naphthalene	<50.0	50.0	2500	2380	95	58 - 137	2210	88	7	30
71-43-2	Benzene	<50.0	50.0	2500	2730	109	78 - 120	2720	109	0.4	21
108-88-3	Toluene	<50.0	50.0	2500	2610	104	78 - 122	2590	104	0.8	21
Surrogate											
460-00-4	4-Bromofluorobenzene	2460	98	2500	2630	105	62 - 127	2480	99		
1868-53-7	Dibromofluoromethane	2570	103	2500	2620	105	65 - 130	2580	103		
2037-26-5	Toluene d8	2290	92	2500	2350	94	71 - 132	2350	94		
17060-07-0	1,2-Dichloroethane-d4	2590	104	2500	2760	110	62 - 125	2650	106		

GC/MS Volatiles Quality Control Summary

Analytical Batch	404233	Client ID	DW-3	684697MS	684697MSD
Prep Batch	N/A	GCAL ID	20901110113	685143	685144
		Sample Type	SAMPLE	MS	MSD
		Analytical Date	01/12/2009 11:52	01/12/2009 15:43	01/12/2009 16:06
		Matrix	Solid	Solid	Solid

SW-846 8260B		Units	ug/Kg	Spike Added	Result	Result % R	Control Limits	Result	Result % R	RPD	RPD Limit
100-41-4	Ethylbenzene	92500	8960	89600	174000	91	80 - 123	180000	98	3	30
1634-04-4	tert-Butyl methyl ether (MTBE)	0.00	1790	89600	93100	104	69 - 131	97900	109	5	30
1330-20-7	Xylene (total)	541000	17900	269000	714000	64*	80 - 120	771000	86	8	30
91-20-3	Naphthalene	92600	8960	89600	179000	96	58 - 137	179000	96	0	30
71-43-2	Benzene	0.00	8960	89600	94300	105	78 - 120	97100	108	3	21
108-88-3	Toluene	145000	8960	89600	208000	70*	78 - 122	224000	88	7	21
Surrogate											
460-00-4	4-Bromofluorobenzene	95700	107	89600	90400	101	62 - 127	93300	104		
1868-53-7	Dibromofluoromethane	89300	100	89600	90600	101	65 - 130	92600	103		
2037-26-5	Toluene d8	89500	100	89600	82800	92	71 - 132	85400	95		
17060-07-0	1,2-Dichloroethane-d4	89400	100	89600	95800	107	62 - 125	95800	107		

Analytical Batch	404442	Client ID	MB404442	LCS404442	LCSD404442
Prep Batch	N/A	GCAL ID	685928	685929	685930
		Sample Type	Method Blank	LCS	LCSD
		Analytical Date	01/15/2009 09:14	01/15/2009 07:49	01/15/2009 08:28
		Matrix	Solid	Solid	Solid

SW-846 8260B		Units	ug/Kg	Spike Added	Result	Result % R	Control Limits	Result	Result % R	RPD	RPD Limit
100-41-4	Ethylbenzene	<5.00	5.00	50.0	50.8	102	80 - 123	50.1	100	1	30
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00	50.0	48.3	97	69 - 131	47.0	94	3	30
1330-20-7	Xylene (total)	<10.0	10.0	150	166	111	80 - 120	164	109	1	30
91-20-3	Naphthalene	<5.00	5.00	50.0	44.5	89	58 - 137	46.7	93	5	30
71-43-2	Benzene	<5.00	5.00	50.0	49.5	99	78 - 120	49.8	100	0.6	21
108-88-3	Toluene	<5.00	5.00	50.0	55.0	110	78 - 122	52.6	105	4	21
Surrogate											
460-00-4	4-Bromofluorobenzene	50.9	102	50	52.6	105	62 - 127	50.5	101		
1868-53-7	Dibromofluoromethane	52.4	105	50	51.1	102	65 - 130	50.8	102		
2037-26-5	Toluene d8	49.4	99	50	51	102	71 - 132	49.7	99		
17060-07-0	1,2-Dichloroethane-d4	59.3	119	50	49.7	99	62 - 125	49.2	98		

ACCESS / 4565 / 20901110I / 1-16-9

Access Analytical - Chain of Custody Record

Project Submission #_____ **PO #**_____ **Laboratory ID:** GLM

Company Name: TerryEnvironmental | Preservative: (*see codes below)

Report To: Kelly Cone

Address: P.O. Box 25

City: S'ville State: SC Zip: 29484

Phone: 843 873 8200 Fax:

Email: kcone@terryenvironmental.com

Project Name: Lil Cricket #339 / Z1706

Sampled By (print): K. Cone

↓ REQUESTED LAB ANALYSIS: ↓

Sample Label	Date Collected	Time Collected	Matrix	# of Cont	BTEX + Naph	Hydrometer / Grain Size *						NOTES / COMMENTS
MW-11	1/5/09	14:30	SL	4	X							*grainsize subbed via access -1
MW-12	↓	15:00		4	X							-2
MW-13	1/8/09	16:25		4	X							-3
MW-14	1/5/09	16:00		4	X							-4
MW-15	1/8/09	17:45		4	X							-5
MW-16	1/6/09	16:20		4	X							-6
MW-17	↓	17:30		4	X							-7
MW-18	1/8/09	9:45		4	X							-8
MW-19	1/7/09	16:00		5	X	X						-9
MW-20	1/8/09	15:45	↓	4	X							-10

* Preservative Codes (place corresponding # in block above analysis field): 0=None, 1=HCL, 2=HNO_3, 3=H_2SO_4, 4=NaOH, 5=$Na_2S_2O_3$, 6=$NaHSO_4$, Other=Specify

ACCESS ANALYTICAL, INC.
7478 Carlisle Street
Irmo, SC 29063
Phone: (803) 781-4243
Fax: 781-4303
Toll Free (888) 315-4243
www.accessanalyticalinc.com

Turnaround Time:

X Std. (5-7 Bus. days)
___RUSH*
*Date Required:_____
(For rush work, results faxed by end of business day on date required)

Samples Recd. on Ice?
X Yes
___No
5.2°

Project Location:
X SC
___NC
___Other_____(specify)

Relinquished By:	Date:	Time:	Received By:
K Cone	1-9-09	1300	M. Robertson
M. Robertson	1-9-09	1700	FEDEX
FEDEX	1-10-9	0920	A. Mau

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ACCESS 14565 / 20901101 / 1-16-9

Access Analytical - Chain of Custody Record

Project Submission #_____ **PO #**_____ **Laboratory ID:** GCM

Company Name:	Terry Environmental
Report To:	Kelly Cone
Address:	P.O. Box 25
City:	S'ville State: SC Zip: 29484
Phone:	843-873-8200 Fax:
Email:	kcone@terryenvironmental.com
Project Name:	LilCricket #339/2170C
Sampled By (print):	K. Cone

Sample Label	Date Collected	Time Collected	Matrix	# of Cont	Preservative (*see codes below)	↓ REQUESTED LAB ANALYSIS: ↓ BTEX + Naph	Hydrometer / Grain Size *					NOTES / COMMENTS
DW-1	1/7/09	9:25	x	4		X						* grain size subbed -11
DW-2	1/7/09	13:30	|	4		X						via access -12
DW-3	1/8/09	11:15	↓	5		X	X					-13

* Preservative Codes (*place corresponding # in block above analysis field*): 0=None, 1=HCL, 2=HNO_3, 3=H_2SO_4, 4=NaOH, 5=$Na_2S_2O_3$, 6=$NaHSO_4$, Other=Specify

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Toll Free (888) 315-4243
www.accessanalyticalinc.com

Turnaround Time:

X Std. (5-7 Bus. days)
___ RUSH*
*Date Required:_____
(For rush work, results faxed by end of business day on date required)

Samples Recd. on Ice?
X Yes
___ No
52°

Project Location:
X SC
___ NC
___ Other_____ (specify)

Relinquished By:	Date:	Time:	Received By:
K Cone	1-9-09	1300	M. Robertson
M Robertson	1-9-09	1700	FEDEX
FEDEX	1-10-9	0920	A. Mao

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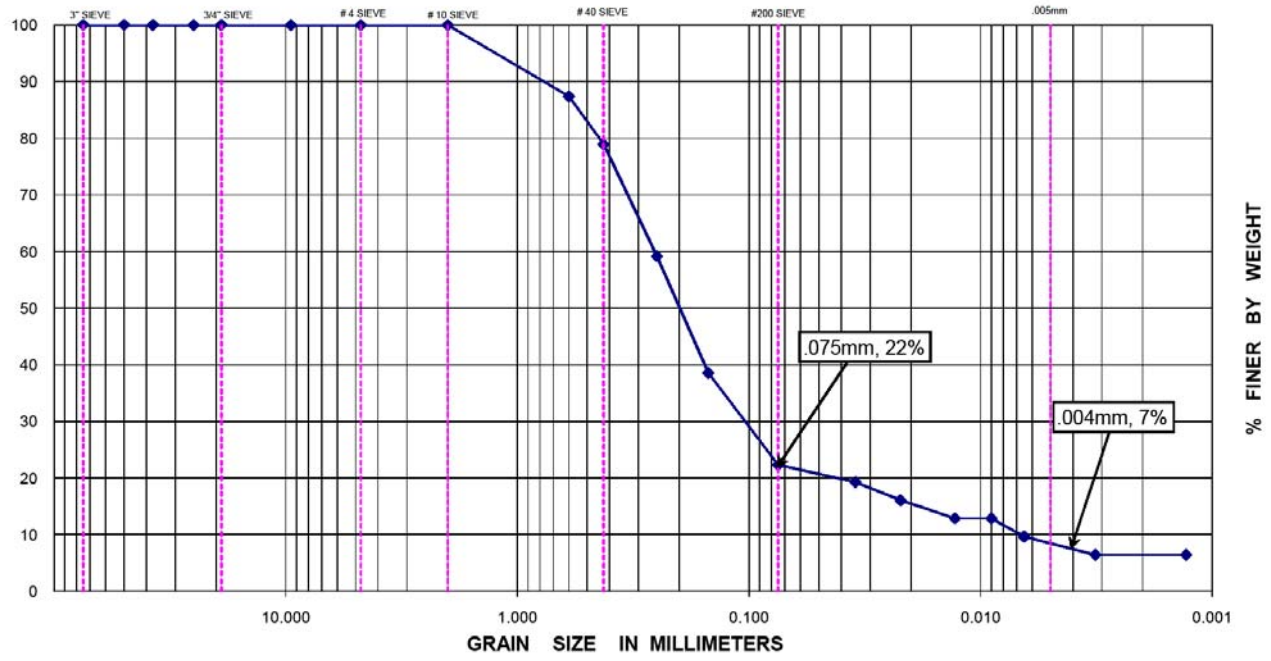
Terracon

GRAIN SIZE DISTRIBUTION TEST REPORT

(ASTM D422)

JOB NAME :	Access Analytical (Lil Cricket #339/2170C)						
JOB NO. :	73075016	**DATE:**	01/15/09	**TESTED BY :**	KB	**REVIEWED BY :**	*PAM*
BORING / PIT NO. :	MW-19	**DEPTH, ft.:**	-	**SAMPLE NO. :**	*H-62*	**SAMPLE TYPE :**	*Bulk*
ACCESS SAMPLE ID:	-						
SOIL DESCRIPTION :	-					**SP. GRAVITY, Gs :**	-
LIQUID LIMIT, %:		**PLASTICITY INDEX, %:**		**MOISTURE, %:**	-	**FINES, %:**	*22*
D10, MM:	-	**D30, MM:**	-	**D60, MM:**	-	**COEFF. OF CURVATURE, C_C:**	-
CLASSIFICATION		**UNIFIED:**	-	**AASHTO:**	-	**COEFF. OF UNIFORMITY, C_U:**	-

GRAVEL		SAND			FINES	
COARSE	FINE	COARSE	MEDIUM	FINE	SILT	CLAY

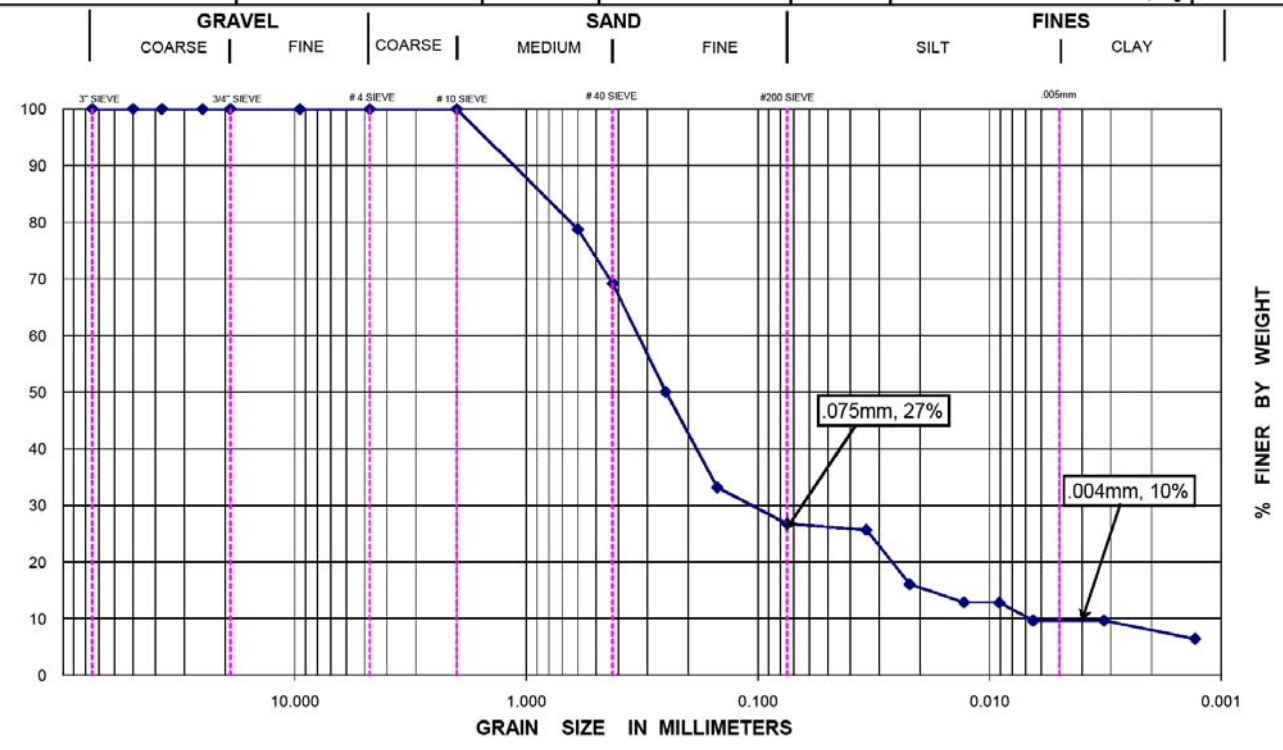


Terracon

GRAIN SIZE DISTRIBUTION TEST REPORT

(ASTM D422)

JOB NAME :	Access Analytical (Lil Cricket #339/2170C)						
JOB NO. :	73075016	**DATE:**	01/15/09	**TESTED BY :**	KB	**REVIEWED BY :**	*PAM*
BORING / PIT NO. :	DW-3	**DEPTH, ft.:**	-	**SAMPLE NO. :**	*H-63*	**SAMPLE TYPE :**	*Bulk*
ACCESS SAMPLE ID:	-						
SOIL DESCRIPTION :	-					**SP. GRAVITY, Gs :**	-
LIQUID LIMIT, %:		**PLASTICITY INDEX, %:**		**MOISTURE, %:**	-	**FINES, %:**	*27*
D10, MM:	-	**D30, MM:**	-	**D60, MM:**	-	**COEFF. OF CURVATURE, C_C:**	-
CLASSIFICATION		**UNIFIED:**	-	**AASHTO:**	-	**COEFF. OF UNIFORMITY, C_U:**	-



APPENDIX 6

Well Sampling Logs

Groundwater Sampling Log

TERRY Environmental Services
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P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170C
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/16/09
Field Personnel	S. DeMar
General Weather	Sunny Wind
Ambient Air Temperature	50°

Quality Assurance

pH Meter	Oakton		Conductivity Meter	Oakton	
Serial Number	73168		Serial Number	73168	
Calibration Constant	4.01		Calibration Constant	447 µS	
Calibration Constant	7.00		Calibration Constant	1413 µS	
Calibration Constant	10.00		Calibration Constant		

Monitoring Well Information

Well ID	MW-3	
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Lead, EDB, & 8 Oxygantes (New wells only add: Nitrates, Sulfates, & Ferrous Iron)	
Well Diameter	2	in
Screened Interval	3755	ft
Total Well Depth	53.61	ft
Depth to Groundwater	41.54	ft
Length of Water Column	12.07	ft
1 Casing Volume (0.163)		gals
3 Casing Volumes (0.489)		gals
Total Volume Purged		gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

53.61

Volume (gal)													
Time	1540												
pH (su)	6.12												
Spec Conductivity	257												
Water Temperature	18.0												
Turbidity (subjective)	2												
Dissolved Oxygen (mg/L)	6.6												

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	- Bdt Fasteners Broken
-well pad acceptable?	- Recessed in Asphalt
-area safe?	- in street
-other comments	

Additional Comments

* slight petro odor

Groundwater Sampling Log

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Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170C
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/16/09
Field Personnel	S DeMar
General Weather	Sunny Wind
Ambient Air Temperature	50°

Monitoring Well Information

Well ID	MW-5R
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Lead, EDB, & 8 Oxygantes (New wells only add: Nitrates, Sulfates, & Ferrous Iron)

Well Diameter	2	in
Screened Interval	50-60	ft
Total Well Depth	59.65	ft
Depth to Groundwater	53.20	ft
Length of Water Column	6.45	ft
1 Casing Volume (0.163)		gals
3 Casing Volumes (0.489)		gals
Total Volume Purged		gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

59.65

Quality Assurance

pH Meter	Oakton		Conductivity Meter	Oakton
Serial Number	73168		Serial Number	73168
Calibration Constant	4.01		Calibration Constant	447 µS
Calibration Constant	7.00		Calibration Constant	1413 µS
Calibration Constant	10.00		Calibration Constant	

Volume (gal)											
Time	1605										
pH (su)	7.20										
Spec Conductivity	265										
Water Temperature	18.4										
Turbidity (subjective)	1										
Dissolved Oxygen (mg/L)	12.1										

Well Condition Information

-overall well condition acceptable?	yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170C
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/16/09
Field Personnel	S. DeMar
General Weather	Sunny Wind
Ambient Air Temperature	50°

Monitoring Well Information

Well ID	MW-9
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Lead, EDB, & 8 Oxygantes (New wells only add: Nitrates, Sulfates, & Ferrous Iron)

Well Diameter	2	in
Screened Interval	45-55	ft
Total Well Depth	54.79	ft
Depth to Groundwater	40.44	ft
Length of Water Column	14.35	ft
1 Casing Volume (0.163)	2.34	gals
3 Casing Volumes (0.489)	7.02	gals
Total Volume Purged	7.25	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

54.79

Quality Assurance

pH Meter	Oakton		Conductivity Meter	Oakton	
Serial Number	73168		Serial Number	73168	
Calibration Constant	4.01		Calibration Constant	447 µS	
Calibration Constant	7.00		Calibration Constant	1413 µS	
Calibration Constant	10.00		Calibration Constant		

Volume (gal)	2.50	5.00	7.25							
Time	1420	1430	1445							
pH (su)	6.86	6.68	6.69							
Spec Conductivity	629	674	669							
Water Temperature	20.9	20.2	20.6							
Turbidity (subjective)	2	2	3							
Dissolved Oxygen (mg/L)	30.1	6.4	4.9							

Well Condition Information

-overall well condition acceptable?	yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

-Slow Recharge @ 7.25 gal

-chemical odor

Groundwater Sampling Log

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Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170C
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/16/09
Field Personnel	S DeMar
General Weather	Sunny Wind
Ambient Air Temperature	50°

Quality Assurance

pH Meter	Oakton		Conductivity Meter	Oakton	
Serial Number	73168		Serial Number	73168	
Calibration Constant	4.01		Calibration Constant	447 µS	
Calibration Constant	7.00		Calibration Constant	1413 µS	
Calibration Constant	10.00		Calibration Constant		

Monitoring Well Information

Well ID	MW-10
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Lead, EDB, & 8 Oxygantes (New wells only add: Nitrates, Sulfates, & Ferrous Iron)

Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	42.52	ft	
Total Well Depth	52.19	ft	52.19
Depth to Groundwater	43.93	ft	
Length of Water Column	8.26	ft	
1 Casing Volume (0.163)	/	gals	
3 Casing Volumes (0.489)	/	gals	
Total Volume Purged	/	gals	

Volume (gal)											
Time	1520										
pH (su)	/										
Spec Conductivity	/										
Water Temperature	/										
Turbidity (subjective)	/										
Dissolved Oxygen (mg/L)	/										

Well Condition Information

-overall well condition acceptable?	yes
-well cap acceptable?	↓
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Depth to Product = 43.83'
Thickness = 0.10'
-confirmed with bailer visually
No Sample Taken

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170C
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/17/09
Field Personnel	S. DeMar
General Weather	Sunny Wind
Ambient Air Temperature	50°

Monitoring Well Information

Well ID	MW-11
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Lead, EDB, & 8 Oxygantes (New wells only add: Nitrates, Sulfates, & Ferrous Iron)

Well Diameter	2	in
Screened Interval	40-50	ft
Total Well Depth	49.98	ft
Depth to Groundwater	43.31	ft
Length of Water Column	6.67	ft
1 Casing Volume (0.163)	1.09	gals
3 Casing Volumes (0.489)	3.26	gals
Total Volume Purged	3.3	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

49.98

Quality Assurance

pH Meter	Oakton		Conductivity Meter	Oakton	
Serial Number	73168		Serial Number	73168	
Calibration Constant	4.01		Calibration Constant	447 µS	
Calibration Constant	7.00		Calibration Constant	1413 µS	
Calibration Constant	10.00		Calibration Constant		

Volume (gal)	1.1	2.2	3.3						
Time	16.50	16.55	1705						
pH (su)	5.62	5.65	5.65						
Spec Conductivity	71.2	69.7	69.4						
Water Temperature	20.1	20.0	19.7						
Turbidity (subjective)	3	3	3						
Dissolved Oxygen (mg/L)	11.5	12.6	13.1						

Well Condition Information

-overall well condition acceptable?	yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170C
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/17/09
Field Personnel	S Dekar
General Weather	Sunny Wind
Ambient Air Temperature	50°

Monitoring Well Information

Well ID	MW-12
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Lead, EDB, & 8 Oxygantes (New wells only add: Nitrates, Sulfates, & Ferrous Iron)

Well Diameter	2	in
Screened Interval	40-50	ft
Total Well Depth	49.94	ft
Depth to Groundwater	45.39	ft
Length of Water Column	4.55	ft
1 Casing Volume (0.163)	.74	gals
3 Casing Volumes (0.489)	2.23	gals
Total Volume Purged	2.25	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

49.94

Quality Assurance

pH Meter	Oakton		Conductivity Meter	Oakton	
Serial Number	73168		Serial Number	73168	
Calibration Constant	4.01		Calibration Constant	447 µS	
Calibration Constant	7.00		Calibration Constant	1413 µS	
Calibration Constant	10.00		Calibration Constant		

Volume (gal)	0.75	1.50	2.25							
Time	1620	1630	1635							
pH (su)	5.83	5.81	5.79							
Spec Conductivity	129.9	127.9	124.3							
Water Temperature	20.0	20.1	19.9							
Turbidity (subjective)	3	3	3							
Dissolved Oxygen (mg/L)	8.3	8.2	8.6							

Well Condition Information

-overall well condition acceptable?	yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170C
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/17/09
Field Personnel	S DeMar
General Weather	Sunny
Ambient Air Temperature	50°

Monitoring Well Information

Well ID	MW-13
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Lead, EDB, & 8 Oxygantes (New wells only add: Nitrates, Sulfates, & Ferrous Iron)

Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	40-50	ft	
Total Well Depth	50.02	ft	
Depth to Groundwater	45.34	ft	
Length of Water Column	4.68	ft	
1 Casing Volume (0.163)	0.76	gals	
3 Casing Volumes (0.489)	2.29	gals	
Total Volume Purged	2.3	gals	50.02

Quality Assurance

pH Meter	Oakton		Conductivity Meter	Oakton	
Serial Number	73168		Serial Number	73168	
Calibration Constant	4.01		Calibration Constant	447 µS	
Calibration Constant	7.00		Calibration Constant	1413 µS	
Calibration Constant	10.00		Calibration Constant		

Volume (gal)	0.8	1.6	2.3							
Time	1520	1525	1535							
pH (su)	5.96	5.96	6.02							
Spec Conductivity	211	210	199							
Water Temperature	20.0	20.4	19.4							
Turbidity (subjective)	3	3	3							
Dissolved Oxygen (mg/L)	—	—	—							

Well Condition Information

-overall well condition acceptable?	yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

- petro odor

- D/O meter malfunction reading "over"

Groundwater Sampling Log

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Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170C
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/17/09
Field Personnel	S. DeMar
General Weather	Sunny, Wind
Ambient Air Temperature	50°

Monitoring Well Information

Well ID	MW-14
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Lead, EDB, & 8 Oxygantes (New wells only add: Nitrates, Sulfates, & Ferrous Iron)

Well Diameter	2	in
Screened Interval	45-55	ft
Total Well Depth	54.95	ft
Depth to Groundwater	49.58	ft
Length of Water Column	5.37	ft
1 Casing Volume (0.163)	0.88	gals
3 Casing Volumes (0.489)	2.63	gals
Total Volume Purged	2.75	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

54.95

Quality Assurance

pH Meter	Oakton		Conductivity Meter	Oakton	
Serial Number	73168		Serial Number	73168	
Calibration Constant	4.01		Calibration Constant	447 µS	
Calibration Constant	7.00		Calibration Constant	1413 µS	
Calibration Constant	10.00		Calibration Constant		

Volume (gal)	1.0	1.75	2.75								
Time	1440	1450	1505								
pH (su)	6.05	5.89	5.90								
Spec Conductivity	125.6	114.2	109.1								
Water Temperature	19.3	19.3	18.8								
Turbidity (subjective)	3	3	3								
Dissolved Oxygen (mg/L)	25.2	25.8	31.8								

Well Condition Information

-overall well condition acceptable?	yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services
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Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170C
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/17/09
Field Personnel	S DeMas
General Weather	Sunny
Ambient Air Temperature	50°

Monitoring Well Information

Well ID	MW-15
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Lead, EDB, & 8 Oxygantes (New wells only add: Nitrates, Sulfates, & Ferrous Iron)

Well Diameter	2	in
Screened Interval	40-50	ft
Total Well Depth	50.08	ft
Depth to Groundwater	47.05	ft
Length of Water Column	3.03	ft
1 Casing Volume (0.163)	0.49	gals
3 Casing Volumes (0.489)	1.48	gals
Total Volume Purged	0.25	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

50.08

Quality Assurance

pH Meter	Oakton		Conductivity Meter	Oakton	
Serial Number	73168		Serial Number	73168	
Calibration Constant	4.01		Calibration Constant	447 µS	
Calibration Constant	7.00		Calibration Constant	1413 µS	
Calibration Constant	10.00		Calibration Constant		

Volume (gal)	0.25									
Time	1020									
pH (su)	6.35									
Spec Conductivity	265									
Water Temperature	18.5									
Turbidity (subjective)	3									
Dissolved Oxygen (mg/L)	23.7									

Well Condition Information

-overall well condition acceptable?	yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

*strong petro odor
-slow recharge @ 0.25 gal
-Able to Sample

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170C
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/17/09
Field Personnel	S DeMar
General Weather	Sunny
Ambient Air Temperature	50°

Monitoring Well Information

Well ID	MW-16
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Lead, EDB, & 8 Oxygantes (New wells only add: Nitrates, Sulfates, & Ferrous Iron)

Well Diameter	2	in
Screened Interval	40-55	ft
Total Well Depth	54.96	ft
Depth to Groundwater	42.08	ft
Length of Water Column	12.88	ft
1 Casing Volume (0.163)	2.10	gals
3 Casing Volumes (0.489)	6.30	gals
Total Volume Purged	6.50	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

54.96

Quality Assurance

pH Meter	Oakton		Conductivity Meter	Oakton	
Serial Number	73168		Serial Number	73168	
Calibration Constant	4.01		Calibration Constant	447 µS	
Calibration Constant	7.00		Calibration Constant	1413 µS	
Calibration Constant	10.00		Calibration Constant		

Volume (gal)	2.1	4.25	6.50							
Time	1320	1335	1350							
pH (su)	6.32	6.27	6.33							
Spec Conductivity	303	297	302							
Water Temperature	20.1	20.0	19.8							
Turbidity (subjective)	2	3	3							
Dissolved Oxygen (mg/L)	21.7	22.2	24.0							

Well Condition Information

-overall well condition acceptable?	yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

* strong petro odor

Groundwater Sampling Log

TERRY Environmental Services
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P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170C
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/16/09
Field Personnel	S DeMar
General Weather	Sunny Wind
Ambient Air Temperature	50°

Monitoring Well Information

Well ID	MW-17
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Lead, EDB, & 8 Oxygantes (New wells only add: Nitrates, Sulfates, & Ferrous Iron)

Well Diameter	2	in
Screened Interval	35-50	ft
Total Well Depth	55.02	ft
Depth to Groundwater	41.43	ft
Length of Water Column	13.59	ft
1 Casing Volume (0.163)	2.22	gals
3 Casing Volumes (0.489)	6.65	gals
Total Volume Purged	6.75	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

55.02

Quality Assurance

pH Meter	Oakton		Conductivity Meter	Oakton	
Serial Number	73168		Serial Number	73168	
Calibration Constant	4.01		Calibration Constant	447 µS	
Calibration Constant	7.00		Calibration Constant	1413 µS	
Calibration Constant	10.00		Calibration Constant		

Volume (gal)	2.25	4.50	6.75						
Time	1710	1725	1735						
pH (su)	6.30	6.31	6.26						
Spec Conductivity	321	302	294						
Water Temperature	19.5	19.8	19.8						
Turbidity (subjective)	3	3	3						
Dissolved Oxygen (mg/L)	9.8	7.9	8.1						

Well Condition Information

-overall well condition acceptable?	yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

* strong petro odor
- ID Tag notes screen @ 40-55'

Groundwater Sampling Log

TERRY Environmental Services
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Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170C
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/12/09
Field Personnel	S DeMar
General Weather	Sunny Windy
Ambient Air Temperature	50°

Monitoring Well Information

Well ID	MW-18
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Lead, EDB, & 8 Oxygantes (New wells only add: Nitrates, Sulfates, & Ferrous Iron)

Well Diameter	2	in
Screened Interval	35-50	ft
Total Well Depth	50.09	ft
Depth to Groundwater	40.90	ft
Length of Water Column	9.19	ft
1 Casing Volume (0.163)	1.50	gals
3 Casing Volumes (0.489)	4.50	gals
Total Volume Purged	4.50	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

50.09

Quality Assurance

pH Meter	Oakton		Conductivity Meter	Oakton	
Serial Number	73168		Serial Number	73168	
Calibration Constant	4.01		Calibration Constant	447 µS	
Calibration Constant	7.00		Calibration Constant	1413 µS	
Calibration Constant	10.00		Calibration Constant		

Volume (gal)	1.50	3.0	4.50							
Time	1630	1645	1655							
pH (su)	6.04	6.09	6.14							
Spec Conductivity	267	285	297							
Water Temperature	19.9	20.5	20.1							
Turbidity (subjective)	3	3	3							
Dissolved Oxygen (mg/L)	5.8	4.6	4.2							

Well Condition Information

-overall well condition acceptable?	YES
-well cap acceptable?	|
-manhole and cover acceptable?	|
-well pad acceptable?	|
-area safe?	|
-other comments	V

Additional Comments

- petro odor

Groundwater Sampling Log

TERRY Environmental Services
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Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170C
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/17/09
Field Personnel	S D. Mar
General Weather	Sunny
Ambient Air Temperature	50°

Quality Assurance

pH Meter	Oakton		Conductivity Meter	Oakton	
Serial Number	73168		Serial Number	73168	
Calibration Constant	4.01		Calibration Constant	447 µS	
Calibration Constant	7.00		Calibration Constant	1413 µS	
Calibration Constant	10.00		Calibration Constant		

Monitoring Well Information

Well ID	MW-19
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Lead, EDB, & 8 Oxygantes (New wells only add: Nitrates, Sulfates, & Ferrous Iron)

Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	38-53	ft	
Total Well Depth	53.28	ft	53.28
Depth to Groundwater	40.33	ft	
Length of Water Column	12.95	ft	
1 Casing Volume (0.163)	2.11	gals	
3 Casing Volumes (0.489)	6.33	gals	
Total Volume Purged	6.50	gals	

Volume (gal)	2.25	4.25	6.50								
Time	0805	0820	0835								
pH (su)	6.41	6.40	6.58								
Spec Conductivity	506	506	554								
Water Temperature	19.3	19.1	18.8								
Turbidity (subjective)	3	3	3								
Dissolved Oxygen (mg/L)	9.6	8.3	8.2								

Well Condition Information

-overall well condition acceptable?	yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

- Strong petro odor
- Slow recharge @ 6.50 gal

Groundwater Sampling Log

TERRY Environmental Services
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Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170C
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/17/09
Field Personnel	S DeMar
General Weather	Sunny
Ambient Air Temperature	50°

Monitoring Well Information

Well ID	MW-20
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Lead, EDB, & 8 Oxygantes (New wells only add: Nitrates, Sulfates, & Ferrous Iron)

Well Diameter	2	in
Screened Interval	35-50	ft
Total Well Depth	49.89	ft
Depth to Groundwater	43.12	ft
Length of Water Column	6.77	ft
1 Casing Volume (0.163)	1.10	gals
3 Casing Volumes (0.489)	3.31	gals
Total Volume Purged	3.50	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

49.89

Quality Assurance

pH Meter	Oakton		Conductivity Meter	Oakton	
Serial Number	73168		Serial Number	73168	
Calibration Constant	4.01		Calibration Constant	447 µS	
Calibration Constant	7.00		Calibration Constant	1413 µS	
Calibration Constant	10.00		Calibration Constant		

Volume (gal)	1.1	2.25	3.50						
Time	1405	1415	1425						
pH (su)	6.33	6.33	6.35						
Spec Conductivity	562	562	556						
Water Temperature	19.7	20.2	20.4						
Turbidity (subjective)	3	3	3						
Dissolved Oxygen (mg/L)	10.6	10.4	10.5						

Well Condition Information

-overall well condition acceptable? yes
-well cap acceptable?
-manhole and cover acceptable?
-well pad acceptable? - cracked
-area safe?
-other comments

Additional Comments

* strong petro odor

Groundwater Sampling Log

TERRY Environmental Services
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Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170C
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/7/09
Field Personnel	S DeMar
General Weather	Sunny
Ambient Air Temperature	50°

Monitoring Well Information

Well ID	DW-1
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Lead, EDB, & 8 Oxygantes (New wells only add: Nitrates, Sulfates, & Ferrous Iron)

Well Diameter	2	in
Screened Interval	75-80	ft
Total Well Depth	79.97	ft
Depth to Groundwater	47.91	ft
Length of Water Column	32.06	ft
1 Casing Volume (0.163)	5.23	gals
3 Casing Volumes (0.489)	15.68	gals
Total Volume Purged	15.75	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

79.97

Quality Assurance

pH Meter	Oakton		Conductivity Meter	Oakton	
Serial Number	73168		Serial Number	73168	
Calibration Constant	4.01		Calibration Constant	447 µS	
Calibration Constant	7.00		Calibration Constant	1413 µS	
Calibration Constant	10.00		Calibration Constant		

Volume (gal)	5.25	10.50	15.75							
Time	1040	1050	1105							
pH (su)	6.81	6.80	6.71							
Spec Conductivity	301	279	202							
Water Temperature	18.0	18.9	19.3							
Turbidity (subjective)	1	1	1							
Dissolved Oxygen (mg/L)	29.7	28.4	28.1							

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services
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Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170C
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/17/09
Field Personnel	S DeMar
General Weather	Sunny
Ambient Air Temperature	50°

Monitoring Well Information

Well ID	DW-2
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Lead, EDB, & 8 Oxygantes (New wells only add: Nitrates, Sulfates, & Ferrous Iron)

Well Diameter	2	in
Screened Interval	75-80	ft
Total Well Depth	80.08	ft
Depth to Groundwater	44.15	ft
Length of Water Column	35.93	ft
1 Casing Volume (0.163)	5.86	gals
3 Casing Volumes (0.489)	17.57	gals
Total Volume Purged	17.75	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

80.08

Quality Assurance

pH Meter	Oakton		Conductivity Meter	Oakton
Serial Number	73168		Serial Number	73168
Calibration Constant	4.01		Calibration Constant	447 µS
Calibration Constant	7.00		Calibration Constant	1413 µS
Calibration Constant	10.00		Calibration Constant	

Volume (gal)	6.0	11.75	17.75
Time	1230	1240	1255
pH (su)	7.18	6.80	6.63
Spec Conductivity	236	204	187.1
Water Temperature	19.6	19.8	19.3
Turbidity (subjective)	2	1	1
Dissolved Oxygen (mg/L)	34.6	27.7	27.9

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	-1 Broken Bolt Fastener
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170C
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/17/09
Field Personnel	S DeMar
General Weather	Sunny
Ambient Air Temperature	50°

Monitoring Well Information

Well ID	DW-3
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Lead, EDB, & 8 Oxygantes (New wells only add: Nitrates, Sulfates, & Ferrous Iron)

Well Diameter	2	in
Screened Interval	75-80	ft
Total Well Depth	79.92	ft
Depth to Groundwater	42.12	ft
Length of Water Column	37.80	ft
1 Casing Volume (0.163)	6.16	gals
3 Casing Volumes (0.489)	18.48	gals
Total Volume Purged	18.50	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

79.92

Quality Assurance

pH Meter	Oakton		Conductivity Meter	Oakton
Serial Number	73168		Serial Number	73168
Calibration Constant	4.01		Calibration Constant	447 µS
Calibration Constant	7.00		Calibration Constant	1413 µS
Calibration Constant	10.00		Calibration Constant	

Volume (gal)	6.25	12.50	18.50						
Time	0900	0910	0920						
pH (su)	6.47	6.32	6.32						
Spec Conductivity	307	272	274						
Water Temperature	18.9	19.1	18.9						
Turbidity (subjective)	2	1	1						
Dissolved Oxygen (mg/L)	13.0	14.7	19.8						

Well Condition Information

-overall well condition acceptable?	Y
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

APPENDIX 7

Groundwater Analytical Data

ACCESS
ANALYTICAL, INC.

ANALYTICAL REPORT

CLIENT
Terry Environmental
P.O. Box 25
Summerville, SC 29484

ATTENTION
Kelly Cone

PROJECT ID
2170 C/Former Li'l Cricket 339

LABORATORY REPORT NUMBER
209021940

DATE
02/27/2009

Primary Data Review By

Curtis Ekker
Data Validation Manager, GCAL

Secondary Data Review By

Ashley B. Amick
Project Manager, Access Analytical, Inc.
aamick@accessanalyticalinc.com

PLEASE NOTE:

- **Unless otherwise noted, all analysis on this report performed at Gulf Coast Analytical Labs (GCAL), 7979 GSRI Rd. Baton Rouge, LA 70820.**

- **GCAL is SCDHEC certified laboratory # 73006, NCDENR certified lab # 618, GA certified lab # LA-01955, NELAP certified laboratory # 01955**

- Local support services for this project are provided by Access Analytical, Inc.. Access Analytical is a representative of GCAL serving clients in the SC/NC/GA areas. All questions regarding this report should be directed to your local Access Analytical representative at 803.781.4243 or toll free at 888.315.4243.

NELAP CERTIFICATE NUMBER 01955

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

Report Date 02/27/2009

GCAL Report 209021940

Deliver To	Terry Environmental P.O. Box 25 Summerville, SC 29484
Attn	Kelly Cone

Project 2170 C/Former Li'l Cricket 339

CASE NARRATIVE

Client: Terry Environmental Services **Report:** 209021940

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

VOLATILES MASS SPECTROMETRY

In the SW-846 8260B analysis for analytical batch 406689, no MS/MSD was performed due to insufficient sample volume. The LCS/LCSD is included for review.

In the SW-846 8260B - Gas Additives analysis for analytical batch 406688, no MS/MSD was performed due to insufficient sample volume. The LCS/LCSD is included for review.

In the SW-846 8260B - Gas Additives analysis, samples 20902194009 (MW-16), 20902194010 (MW-17), 20902194011 (MW-18) and 20902194016 (DW-3) had to be diluted due to the presence of non-target background. This dilution is reflected in the elevated reporting limits.

In the SW-846 8260B analysis, samples 20902194003 (MW-9), 20902194008 (MW-15), 20902194012 (MW-19), 20902194013 (MW-20), 20902194009 (MW-16), 20902194010 (MW-17), 20902194011 (MW-18) and 20902194016 (DW-3) had to be diluted to bracket the concentration of target compounds within the calibration range of the instrument.

In the SW-846 8260B - Gas Additives analysis, samples 20902194003 (MW-9), 20902194008 (MW-15), 20902194012 (MW-19) and 20902194013 (MW-20) had to be diluted to bracket the concentration of target compounds within the calibration range of the instrument.

In the SW-846 8260B analysis for analytical batch 406703, the MS/MSD exhibited recovery failures.

SEMI-VOLATILES GAS CHROMATOGRAPHY

In the SW-846 8011 analysis, samples 20902194012 (MW-19) and 20902194013 (MW-20) had to be diluted to bracket target compounds within the calibration range of the instrument. This is reflected in elevated reporting limits.

METALS

In the SW-846 6010B analysis, a chemical or physical interference necessitated a dilution for samples 20902194014 (DW-1), 20902194013 (MW-20), 20902194015 (DW-2) and 20902194016 (DW-3). This is reflected in the elevated reporting limits.

In the SW-846 6010B analysis for prep batch 406530, the Sample/Duplicate RPD for Lead is not applicable because the sample and/or duplicate concentration is less than five times the reporting limit.

CONVENTIONALS

In the EPA 353.2 analysis, samples 20902194004 (MW-11), 20902194005 (MW-12), 20902194006 (MW-13) and 20902194007 (MW-14) had to be diluted in order to bracket the concentration within the calibration range of the instrument.

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND	Indicates the result was Not Detected at the specified RDL
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
00:00	Reported as a time equivalent to 12:00 AM

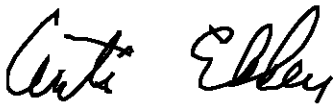
Reporting Flags Utilized in this Report

J	Indicates an estimated value
U	Indicates the compound was analyzed for but not detected
B	(ORGANICS) Indicates the analyte was detected in the associated Method Blank
B	(INORGANICS) Indicates the result is between the RDL and MDL

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with ISO Guide 25 and NELAC, this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.



Curtis Ekker
Tue Mar 03 12:46:41 2009

CURTIS EKKER
DATA VALIDATION MANAGER
GCAL REPORT 209021940

THIS REPORT CONTAINS _____ PAGES.

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194001	MW-3	Water	02/16/2009 15:40	02/19/2009 09:15
20902194002	MW-5R	Water	02/16/2009 16:05	02/19/2009 09:15
20902194003	MW-9	Water	02/16/2009 14:45	02/19/2009 09:15
20902194004	MW-11	Water	02/17/2009 17:05	02/19/2009 09:15
20902194005	MW-12	Water	02/17/2009 16:35	02/19/2009 09:15
20902194006	MW-13	Water	02/17/2009 15:35	02/19/2009 09:15
20902194007	MW-14	Water	02/17/2009 15:05	02/19/2009 09:15
20902194008	MW-15	Water	02/17/2009 10:20	02/19/2009 09:15
20902194009	MW-16	Water	02/17/2009 13:50	02/19/2009 09:15
20902194010	MW-17	Water	02/16/2009 17:35	02/19/2009 09:15
20902194011	MW-18	Water	02/16/2009 16:55	02/19/2009 09:15
20902194012	MW-19	Water	02/17/2009 08:35	02/19/2009 09:15
20902194013	MW-20	Water	02/17/2009 14:25	02/19/2009 09:15
20902194014	DW-1	Water	02/17/2009 11:05	02/19/2009 09:15
20902194015	DW-2	Water	02/17/2009 12:55	02/19/2009 09:15
20902194016	DW-3	Water	02/17/2009 09:20	02/19/2009 09:15

Summary of Compounds Detected

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194001	MW-3	Water	02/16/2009 15:40	02/19/2009 09:15

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
108-20-3	diisopropyl Ether (DIPE)	2.67J	5.00	0.529	ug/L
75-65-0	t-Butanol (TBA)	103	10.0	4.12	ug/L
994-05-8	t-amyl methyl ether (TAME)	6.94	5.00	0.348	ug/L
75-85-4	tert-amyl alcohol (TAA)	46.3	20.0	15.6	ug/L

SW-846 6010B

CAS#	Parameter	Result	RDL	MDL	Units
7439-92-1	Lead	0.0051B	0.015	0.0027	mg/L

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	2.45	1.00	0.065	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	56.4	1.00	0.077	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194002	MW-5R	Water	02/16/2009 16:05	02/19/2009 09:15

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
1634-04-4	tert-Butyl methyl ether (MTBE)	0.994J	1.00	0.077	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194003	MW-9	Water	02/16/2009 14:45	02/19/2009 09:15

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
108-20-3	diisopropyl Ether (DIPE)	247J	250	26.5	ug/L
75-65-0	t-Butanol (TBA)	3450	500	206	ug/L
994-05-8	t-amyl methyl ether (TAME)	438	250	17.4	ug/L

SW-846 6010B

CAS#	Parameter	Result	RDL	MDL	Units
7439-92-1	Lead	0.014B	0.015	0.0027	mg/L

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
107-06-2	1,2-Dichloroethane	52.0	50.0	4.49	ug/L

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194003	MW-9	Water	02/16/2009 14:45	02/19/2009 09:15

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	3020	50.0	3.25	ug/L
100-41-4	Ethylbenzene	1150	50.0	3.26	ug/L
91-20-3	Naphthalene	393	250	5.91	ug/L
108-88-3	Toluene	4180	50.0	3.78	ug/L
1330-20-7	Xylene (total)	4370	150	9.17	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	8630	50.0	3.85	ug/L

SW-846 8011

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	0.069	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194004	MW-11	Water	02/17/2009 17:05	02/19/2009 09:15

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
1634-04-4	tert-Butyl methyl ether (MTBE)	0.822J	1.00	0.077	ug/L

SW-846 6010B

CAS#	Parameter	Result	RDL	MDL	Units
7439-92-1	Lead	0.014B	0.015	0.0027	mg/L

EPA 353.2 N+N

CAS#	Parameter	Result	RDL	MDL	Units
C-005	Nitrate/Nitrite	1.06	0.050	0.005	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194005	MW-12	Water	02/17/2009 16:35	02/19/2009 09:15

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
108-20-3	diisopropyl Ether (DIPE)	1.22J	5.00	0.529	ug/L

SW-846 6010B

CAS#	Parameter	Result	RDL	MDL	Units
7439-92-1	Lead	0.0043B	0.015	0.0027	mg/L

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194005	**MW-12**	Water	02/17/2009 16:35	02/19/2009 09:15

EPA 353.2 N+N

CAS#	Parameter	Result	RDL	MDL	Units
C-005	Nitrate/Nitrite	2.47	0.050	0.005	mg/L

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
1634-04-4	tert-Butyl methyl ether (MTBE)	25.3	1.00	0.077	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194006	**MW-13**	Water	02/17/2009 15:35	02/19/2009 09:15

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
91-20-3	Naphthalene	10.1	5.00	0.118	ug/L
1330-20-7	Xylene (total)	35.8	3.00	0.183	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	17.4	1.00	0.077	ug/L

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
108-20-3	diisopropyl Ether (DIPE)	1.11J	5.00	0.529	ug/L
75-65-0	t-Butanol (TBA)	16.7	10.0	4.12	ug/L

EPA 353.2 N+N

CAS#	Parameter	Result	RDL	MDL	Units
C-005	Nitrate/Nitrite	4.39	0.050	0.005	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194007	**MW-14**	Water	02/17/2009 15:05	02/19/2009 09:15

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
1634-04-4	tert-Butyl methyl ether (MTBE)	1.55	1.00	0.077	ug/L

EPA 353.2 N+N

CAS#	Parameter	Result	RDL	MDL	Units
C-005	Nitrate/Nitrite	2.00	0.020	0.002	mg/L

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194007	**MW-14**	Water	02/17/2009 15:05	02/19/2009 09:15

SW-846 6010B

CAS#	Parameter	Result	RDL	MDL	Units
7439-92-1	Lead	0.0037B	0.015	0.0027	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194008	**MW-15**	Water	02/17/2009 10:20	02/19/2009 09:15

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	822	20.0	1.30	ug/L
100-41-4	Ethylbenzene	417	20.0	1.30	ug/L
91-20-3	Naphthalene	143	100	2.36	ug/L
108-88-3	Toluene	1420	20.0	1.51	ug/L
1330-20-7	Xylene (total)	1550	60.0	3.67	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	1320	20.0	1.54	ug/L

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
108-20-3	diisopropyl Ether (DIPE)	40.8J	100	10.6	ug/L
75-65-0	t-Butanol (TBA)	2150	200	82.4	ug/L
994-05-8	t-amyl methyl ether (TAME)	141	100	6.96	ug/L

SW-846 6010B

CAS#	Parameter	Result	RDL	MDL	Units
7439-92-1	Lead	0.0047B	0.015	0.0027	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194009	**MW-16**	Water	02/17/2009 13:50	02/19/2009 09:15

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
108-20-3	diisopropyl Ether (DIPE)	28.6	25.0	2.65	ug/L
75-65-0	t-Butanol (TBA)	114	50.0	20.6	ug/L
994-05-8	t-amyl methyl ether (TAME)	39.3	25.0	1.74	ug/L
75-85-4	tert-amyl alcohol (TAA)	237	100	78.0	ug/L

SW-846 8011

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	0.019	0.010	0.00350	ug/L

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194009	MW-16	Water	02/17/2009 13:50	02/19/2009 09:15

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
107-06-2	1,2-Dichloroethane	9.19	5.00	0.449	ug/L
71-43-2	Benzene	183	5.00	0.325	ug/L
100-41-4	Ethylbenzene	57.2	5.00	0.326	ug/L
108-88-3	Toluene	85.5	5.00	0.378	ug/L
1330-20-7	Xylene (total)	107	15.0	0.917	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	542	5.00	0.385	ug/L

SW-846 6010B

CAS#	Parameter	Result	RDL	MDL	Units
7439-92-1	Lead	0.0037B	0.015	0.0027	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194010	MW-17	Water	02/16/2009 17:35	02/19/2009 09:15

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
108-20-3	diisopropyl Ether (DIPE)	24.0J	25.0	2.65	ug/L
75-65-0	t-Butanol (TBA)	72.8	50.0	20.6	ug/L
994-05-8	t-amyl methyl ether (TAME)	38.3	25.0	1.74	ug/L

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
107-06-2	1,2-Dichloroethane	4.74J	5.00	0.449	ug/L
71-43-2	Benzene	106	5.00	0.325	ug/L
100-41-4	Ethylbenzene	54.6	5.00	0.326	ug/L
108-88-3	Toluene	15.7	5.00	0.378	ug/L
1330-20-7	Xylene (total)	84.0	15.0	0.917	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	463	5.00	0.385	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194011	MW-18	Water	02/16/2009 16:55	02/19/2009 09:15

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
107-06-2	1,2-Dichloroethane	7.48	5.00	0.449	ug/L
71-43-2	Benzene	255	5.00	0.325	ug/L
100-41-4	Ethylbenzene	109	5.00	0.326	ug/L
108-88-3	Toluene	72.7	5.00	0.378	ug/L
1330-20-7	Xylene (total)	458	15.0	0.917	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	689	5.00	0.385	ug/L

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194011	**MW-18**	Water	02/16/2009 16:55	02/19/2009 09:15

SW-846 8011

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	0.015	0.010	0.00350	ug/L

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
108-20-3	diisopropyl Ether (DIPE)	37.9	25.0	2.65	ug/L
75-65-0	t-Butanol (TBA)	123	50.0	20.6	ug/L
994-05-8	t-amyl methyl ether (TAME)	44.0	25.0	1.74	ug/L
75-85-4	tert-amyl alcohol (TAA)	143	100	78.0	ug/L

SW-846 6010B

CAS#	Parameter	Result	RDL	MDL	Units
7439-92-1	Lead	0.0056B	0.015	0.0027	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194012	**MW-19**	Water	02/17/2009 08:35	02/19/2009 09:15

EPA 375.4 Sulfate

CAS#	Parameter	Result	RDL	MDL	Units
14808-79-8	Sulfate	4.5B	5.0	0.41	mg/L

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
108-20-3	diisopropyl Ether (DIPE)	323J	500	52.9	ug/L
75-65-0	t-Butanol (TBA)	7480	1000	412	ug/L
994-05-8	t-amyl methyl ether (TAME)	804	500	34.8	ug/L

SW-846 6010B

CAS#	Parameter	Result	RDL	MDL	Units
7439-92-1	Lead	0.10	0.015	0.0027	mg/L

SW-846 8011

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	6.49	0.100	0.035	ug/L

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194012	**MW-19**	Water	02/17/2009 08:35	02/19/2009 09:15

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	3110	100	6.49	ug/L
100-41-4	Ethylbenzene	1330	100	6.52	ug/L
91-20-3	Naphthalene	682	500	11.8	ug/L
108-88-3	Toluene	9000	100	7.55	ug/L
1330-20-7	Xylene (total)	5410	300	18.3	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	12100	100	7.69	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194013	**MW-20**	Water	02/17/2009 14:25	02/19/2009 09:15

SW-846 8011

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	1.61	0.050	0.018	ug/L

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
108-20-3	diisopropyl Ether (DIPE)	146J	500	52.9	ug/L
75-65-0	t-Butanol (TBA)	16300	1000	412	ug/L
994-05-8	t-amyl methyl ether (TAME)	676	500	34.8	ug/L
75-85-4	tert-amyl alcohol (TAA)	8450	2000	1560	ug/L

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	1340	100	6.49	ug/L
100-41-4	Ethylbenzene	1040	100	6.52	ug/L
91-20-3	Naphthalene	602	500	11.8	ug/L
108-88-3	Toluene	1840	100	7.55	ug/L
1330-20-7	Xylene (total)	2670	300	18.3	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	6230	100	7.69	ug/L

SW-846 6010B

CAS#	Parameter	Result	RDL	MDL	Units
7439-92-1	Lead	0.053B	0.075	0.014	mg/L

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194014	DW-1	Water	02/17/2009 11:05	02/19/2009 09:15

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
108-20-3	diisopropyl Ether (DIPE)	2.42J	5.00	0.529	ug/L
75-65-0	t-Butanol (TBA)	42.9	10.0	4.12	ug/L
994-05-8	t-amyl methyl ether (TAME)	6.66	5.00	0.348	ug/L

EPA 375.4 Sulfate

CAS#	Parameter	Result	RDL	MDL	Units
14808-79-8	Sulfate	9.4	5.0	0.41	mg/L

EPA 353.2 N+N

CAS#	Parameter	Result	RDL	MDL	Units
C-005	Nitrate/Nitrite	0.507	0.010	0.001	mg/L

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	1.66	1.00	0.065	ug/L
108-88-3	Toluene	1.39	1.00	0.076	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	47.5	1.00	0.077	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194015	DW-2	Water	02/17/2009 12:55	02/19/2009 09:15

SW-846 6010B

CAS#	Parameter	Result	RDL	MDL	Units
7439-92-1	Lead	0.015B	0.075	0.014	mg/L

EPA 353.2 N+N

CAS#	Parameter	Result	RDL	MDL	Units
C-005	Nitrate/Nitrite	0.594	0.010	0.001	mg/L

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	2.81	1.00	0.065	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	51.3	1.00	0.077	ug/L

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194015	DW-2	Water	02/17/2009 12:55	02/19/2009 09:15

EPA 375.4 Sulfate

CAS#	Parameter	Result	RDL	MDL	Units
14808-79-8	Sulfate	1.4B	5.0	0.41	mg/L

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
108-20-3	diisopropyl Ether (DIPE)	2.14J	5.00	0.529	ug/L
75-65-0	t-Butanol (TBA)	14.7	10.0	4.12	ug/L
994-05-8	t-amyl methyl ether (TAME)	6.77	5.00	0.348	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194016	DW-3	Water	02/17/2009 09:20	02/19/2009 09:15

EPA 353.2 N+N

CAS#	Parameter	Result	RDL	MDL	Units
C-005	Nitrate/Nitrite	0.461	0.010	0.001	mg/L

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
107-06-2	1,2-Dichloroethane	3.42	2.00	0.180	ug/L
71-43-2	Benzene	6.59	2.00	0.130	ug/L
108-88-3	Toluene	1.85J	2.00	0.151	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	279	2.00	0.154	ug/L

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
108-20-3	diisopropyl Ether (DIPE)	14.0	10.0	1.06	ug/L
75-65-0	t-Butanol (TBA)	42.7	20.0	8.24	ug/L
994-05-8	t-amyl methyl ether (TAME)	15.8	10.0	0.696	ug/L
75-85-4	tert-amyl alcohol (TAA)	76.8	40.0	31.2	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194001	**MW-3**	Water	02/16/2009 15:40	02/19/2009 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	02/22/2009 17:42	JCK	406703

CAS#	Parameter	Result	RDL	MDL	Units
107-06-2	1,2-Dichloroethane	<1.00	1.00	0.090	ug/L
71-43-2	**Benzene**	**2.45**	**1.00**	**0.065**	**ug/L**
100-41-4	Ethylbenzene	<1.00	1.00	0.065	ug/L
91-20-3	Naphthalene	<5.00	5.00	0.118	ug/L
108-88-3	Toluene	<1.00	1.00	0.076	ug/L
1330-20-7	Xylene (total)	<3.00	3.00	0.183	ug/L
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**56.4**	**1.00**	**0.077**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	45	ug/L	90	78 - 130
1868-53-7	Dibromofluoromethane	50	51.7	ug/L	103	77 - 127
2037-26-5	Toluene d8	50	51.7	ug/L	103	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	50.5	ug/L	101	71 - 127

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	02/22/2009 17:42	JCK	406702

CAS#	Parameter	Result	RDL	MDL	Units
64-17-5	Ethanol	<100	100	40.3	ug/L
637-92-3	Ethyl tert-butyl ether (ETBE)	<5.00	5.00	0.259	ug/L
108-20-3	**diisopropyl Ether (DIPE)**	**2.67J**	**5.00**	**0.529**	**ug/L**
624-95-3	ethyl tert-butanol (ETBA)	<10.0	10.0	4.36	ug/L
75-65-0	**t-Butanol (TBA)**	**103**	**10.0**	**4.12**	**ug/L**
994-05-8	**t-amyl methyl ether (TAME)**	**6.94**	**5.00**	**0.348**	**ug/L**
75-85-4	**tert-amyl alcohol (TAA)**	**46.3**	**20.0**	**15.6**	**ug/L**
762-75-4	tert-butyl formate (TBF)	<5.00	5.00	0.357	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	45	ug/L	90	50 - 150
1868-53-7	Dibromofluoromethane	50	51.7	ug/L	103	50 - 150
2037-26-5	Toluene d8	50	51.7	ug/L	103	50 - 150
17060-07-0	1,2-Dichloroethane-d4	50	50.5	ug/L	101	50 - 150

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
02/20/2009 08:00	406555	SW-846 8011	1	02/20/2009 22:12	TLS	406803

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194001	**MW-3**	Water	02/16/2009 15:40	02/19/2009 09:15

SW-846 6010B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
02/19/2009 13:55	406512	SW-846 3010A	1	02/20/2009 17:16	CNB	406613

CAS#	Parameter	Result	RDL	MDL	Units
7439-92-1	Lead	0.0051B	0.015	0.0027	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194002	**MW-5R**	Water	02/16/2009 16:05	02/19/2009 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	02/22/2009 18:05	JCK	406703

CAS#	Parameter	Result	RDL	MDL	Units
107-06-2	1,2-Dichloroethane	<1.00	1.00	0.090	ug/L
71-43-2	Benzene	<1.00	1.00	0.065	ug/L
100-41-4	Ethylbenzene	<1.00	1.00	0.065	ug/L
91-20-3	Naphthalene	<5.00	5.00	0.118	ug/L
108-88-3	Toluene	<1.00	1.00	0.076	ug/L
1330-20-7	Xylene (total)	<3.00	3.00	0.183	ug/L
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**0.994J**	**1.00**	**0.077**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	44.6	ug/L	89	78 - 130
1868-53-7	Dibromofluoromethane	50	55	ug/L	110	77 - 127
2037-26-5	Toluene d8	50	51.3	ug/L	103	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	48.5	ug/L	97	71 - 127

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	02/22/2009 18:05	JCK	406702

CAS#	Parameter	Result	RDL	MDL	Units
64-17-5	Ethanol	<100	100	40.3	ug/L
637-92-3	Ethyl tert-butyl ether (ETBE)	<5.00	5.00	0.259	ug/L
108-20-3	diisopropyl Ether (DIPE)	<5.00	5.00	0.529	ug/L
624-95-3	ethyl tert-butanol (ETBA)	<10.0	10.0	4.36	ug/L
75-65-0	t-Butanol (TBA)	<10.0	10.0	4.12	ug/L
994-05-8	t-amyl methyl ether (TAME)	<5.00	5.00	0.348	ug/L
75-85-4	tert-amyl alcohol (TAA)	<20.0	20.0	15.6	ug/L
762-75-4	tert-butyl formate (TBF)	<5.00	5.00	0.357	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	44.6	ug/L	89	50 - 150
1868-53-7	Dibromofluoromethane	50	55	ug/L	110	50 - 150
2037-26-5	Toluene d8	50	51.3	ug/L	103	50 - 150
17060-07-0	1,2-Dichloroethane-d4	50	48.5	ug/L	97	50 - 150

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
02/20/2009 08:00	406555	SW-846 8011	1	02/20/2009 22:33	TLS	406803

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194002	**MW-5R**	Water	02/16/2009 16:05	02/19/2009 09:15

SW-846 6010B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
02/19/2009 13:55	406512	SW-846 3010A	1	02/20/2009 17:22	CNB	406613

CAS#	Parameter	Result	RDL	MDL	Units
7439-92-1	Lead	<0.015	0.015	0.0027	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194003	MW-9	Water	02/16/2009 14:45	02/19/2009 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	02/21/2009 22:23	JCK	406689

CAS#	Parameter	Result	RDL	MDL	Units
107-06-2	1,2-Dichloroethane	52.0	50.0	4.49	ug/L
71-43-2	Benzene	3020	50.0	3.25	ug/L
100-41-4	Ethylbenzene	1150	50.0	3.26	ug/L
91-20-3	Naphthalene	393	250	5.91	ug/L
108-88-3	Toluene	4180	50.0	3.78	ug/L
1330-20-7	Xylene (total)	4370	150	9.17	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	8630	50.0	3.85	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	2500	2540	ug/L	102	78 - 130
1868-53-7	Dibromofluoromethane	2500	2810	ug/L	112	77 - 127
2037-26-5	Toluene d8	2500	2390	ug/L	96	76 - 134
17060-07-0	1,2-Dichloroethane-d4	2500	2550	ug/L	102	71 - 127

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	02/21/2009 22:23	JCK	406688

CAS#	Parameter	Result	RDL	MDL	Units
64-17-5	Ethanol	<5000	5000	2020	ug/L
637-92-3	Ethyl tert-butyl ether (ETBE)	<250	250	13.0	ug/L
108-20-3	diisopropyl Ether (DIPE)	247J	250	26.5	ug/L
624-95-3	ethyl tert-butanol (ETBA)	<500	500	218	ug/L
75-65-0	t-Butanol (TBA)	3450	500	206	ug/L
994-05-8	t-amyl methyl ether (TAME)	438	250	17.4	ug/L
75-85-4	tert-amyl alcohol (TAA)	<1000	1000	780	ug/L
762-75-4	tert-butyl formate (TBF)	<250	250	17.9	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	2500	2540	ug/L	102	50 - 150
1868-53-7	Dibromofluoromethane	2500	2810	ug/L	112	50 - 150
2037-26-5	Toluene d8	2500	2390	ug/L	96	50 - 150
17060-07-0	1,2-Dichloroethane-d4	2500	2550	ug/L	102	50 - 150

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
02/20/2009 08:00	406555	SW-846 8011	1	02/20/2009 22:54	TLS	406803

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	0.069	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194003	**MW-9**	Water	02/16/2009 14:45	02/19/2009 09:15

SW-846 6010B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
02/19/2009 13:55	406512	SW-846 3010A	1	02/20/2009 17:29	CNB	406613

CAS#	Parameter	Result	RDL	MDL	Units
7439-92-1	**Lead**	**0.014B**	**0.015**	**0.0027**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194004	**MW-11**	Water	02/17/2009 17:05	02/19/2009 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	02/21/2009 22:46	JCK	406689

CAS#	Parameter	Result	RDL	MDL	Units
107-06-2	1,2-Dichloroethane	<1.00	1.00	0.090	ug/L
71-43-2	Benzene	<1.00	1.00	0.065	ug/L
100-41-4	Ethylbenzene	<1.00	1.00	0.065	ug/L
91-20-3	Naphthalene	<5.00	5.00	0.118	ug/L
108-88-3	Toluene	<1.00	1.00	0.076	ug/L
1330-20-7	Xylene (total)	<3.00	3.00	0.183	ug/L
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**0.822J**	**1.00**	**0.077**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	43.9	ug/L	88	78 - 130
1868-53-7	Dibromofluoromethane	50	53.6	ug/L	107	77 - 127
2037-26-5	Toluene d8	50	50.5	ug/L	101	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	47.6	ug/L	95	71 - 127

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	02/21/2009 22:46	JCK	406688

CAS#	Parameter	Result	RDL	MDL	Units
64-17-5	Ethanol	<100	100	40.3	ug/L
637-92-3	Ethyl tert-butyl ether (ETBE)	<5.00	5.00	0.259	ug/L
108-20-3	diisopropyl Ether (DIPE)	<5.00	5.00	0.529	ug/L
624-95-3	ethyl tert-butanol (ETBA)	<10.0	10.0	4.36	ug/L
75-65-0	t-Butanol (TBA)	<10.0	10.0	4.12	ug/L
994-05-8	t-amyl methyl ether (TAME)	<5.00	5.00	0.348	ug/L
75-85-4	tert-amyl alcohol (TAA)	<20.0	20.0	15.6	ug/L
762-75-4	tert-butyl formate (TBF)	<5.00	5.00	0.357	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	43.9	ug/L	88	50 - 150
1868-53-7	Dibromofluoromethane	50	53.6	ug/L	107	50 - 150
2037-26-5	Toluene d8	50	50.5	ug/L	101	50 - 150
17060-07-0	1,2-Dichloroethane-d4	50	47.6	ug/L	95	50 - 150

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
02/20/2009 08:00	406555	SW-846 8011	1	02/20/2009 23:14	TLS	406803

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194004	**MW-11**	Water	02/17/2009 17:05	02/19/2009 09:15

SW-846 6010B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
02/19/2009 13:55	406512	SW-846 3010A	1	02/20/2009 17:35	CNB	406613

CAS#	Parameter	Result	RDL	MDL	Units
7439-92-1	**Lead**	**0.014B**	**0.015**	**0.0027**	**mg/L**

EPA 353.2 N+N

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5	02/27/2009 13:26	JEM	406985

CAS#	Parameter	Result	RDL	MDL	Units
C-005	**Nitrate/Nitrite**	**1.06**	**0.050**	**0.005**	**mg/L**

EPA 375.4 Sulfate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	02/27/2009 08:02	JEM	406909

CAS#	Parameter	Result	RDL	MDL	Units
14808-79-8	Sulfate	<5.0	5.0	0.41	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194005	**MW-12**	Water	02/17/2009 16:35	02/19/2009 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	02/21/2009 23:08	JCK	406689

CAS#	Parameter	Result	RDL	MDL	Units
107-06-2	1,2-Dichloroethane	<1.00	1.00	0.090	ug/L
71-43-2	Benzene	<1.00	1.00	0.065	ug/L
100-41-4	Ethylbenzene	<1.00	1.00	0.065	ug/L
91-20-3	Naphthalene	<5.00	5.00	0.118	ug/L
108-88-3	Toluene	<1.00	1.00	0.076	ug/L
1330-20-7	Xylene (total)	<3.00	3.00	0.183	ug/L
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**25.3**	**1.00**	**0.077**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	43.9	ug/L	88	78 - 130
1868-53-7	Dibromofluoromethane	50	55.4	ug/L	111	77 - 127
2037-26-5	Toluene d8	50	51.5	ug/L	103	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	49	ug/L	98	71 - 127

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	02/21/2009 23:08	JCK	406688

CAS#	Parameter	Result	RDL	MDL	Units
64-17-5	Ethanol	<100	100	40.3	ug/L
637-92-3	Ethyl tert-butyl ether (ETBE)	<5.00	5.00	0.259	ug/L
108-20-3	**diisopropyl Ether (DIPE)**	**1.22J**	**5.00**	**0.529**	**ug/L**
624-95-3	ethyl tert-butanol (ETBA)	<10.0	10.0	4.36	ug/L
75-65-0	t-Butanol (TBA)	<10.0	10.0	4.12	ug/L
994-05-8	t-amyl methyl ether (TAME)	<5.00	5.00	0.348	ug/L
75-85-4	tert-amyl alcohol (TAA)	<20.0	20.0	15.6	ug/L
762-75-4	tert-butyl formate (TBF)	<5.00	5.00	0.357	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	43.9	ug/L	88	50 - 150
1868-53-7	Dibromofluoromethane	50	55.4	ug/L	111	50 - 150
2037-26-5	Toluene d8	50	51.5	ug/L	103	50 - 150
17060-07-0	1,2-Dichloroethane-d4	50	49	ug/L	98	50 - 150

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
02/20/2009 08:00	406555	SW-846 8011	1	02/20/2009 23:35	TLS	406803

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194005	**MW-12**	Water	02/17/2009 16:35	02/19/2009 09:15

SW-846 6010B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
02/19/2009 13:55	406512	SW-846 3010A	1	02/20/2009 17:41	CNB	406613

CAS#	Parameter	Result	RDL	MDL	Units
7439-92-1	**Lead**	**0.0043B**	**0.015**	**0.0027**	**mg/L**

EPA 353.2 N+N

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5	02/27/2009 13:31	JEM	406985

CAS#	Parameter	Result	RDL	MDL	Units
C-005	**Nitrate/Nitrite**	**2.47**	**0.050**	**0.005**	**mg/L**

EPA 375.4 Sulfate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	02/27/2009 08:04	JEM	406909

CAS#	Parameter	Result	RDL	MDL	Units
14808-79-8	Sulfate	<5.0	5.0	0.41	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194006	**MW-13**	Water	02/17/2009 15:35	02/19/2009 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	02/21/2009 23:31	JCK	406689

CAS#	Parameter	Result	RDL	MDL	Units
107-06-2	1,2-Dichloroethane	<1.00	1.00	0.090	ug/L
71-43-2	Benzene	<1.00	1.00	0.065	ug/L
100-41-4	Ethylbenzene	<1.00	1.00	0.065	ug/L
91-20-3	**Naphthalene**	**10.1**	**5.00**	**0.118**	**ug/L**
108-88-3	Toluene	<1.00	1.00	0.076	ug/L
1330-20-7	**Xylene (total)**	**35.8**	**3.00**	**0.183**	**ug/L**
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**17.4**	**1.00**	**0.077**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.6	ug/L	97	78 - 130
1868-53-7	Dibromofluoromethane	50	47	ug/L	94	77 - 127
2037-26-5	Toluene d8	50	53.1	ug/L	106	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	48.8	ug/L	98	71 - 127

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	02/21/2009 23:31	JCK	406688

CAS#	Parameter	Result	RDL	MDL	Units
64-17-5	Ethanol	<100	100	40.3	ug/L
637-92-3	Ethyl tert-butyl ether (ETBE)	<5.00	5.00	0.259	ug/L
108-20-3	**diisopropyl Ether (DIPE)**	**1.11J**	**5.00**	**0.529**	**ug/L**
624-95-3	ethyl tert-butanol (ETBA)	<10.0	10.0	4.36	ug/L
75-65-0	**t-Butanol (TBA)**	**16.7**	**10.0**	**4.12**	**ug/L**
994-05-8	t-amyl methyl ether (TAME)	<5.00	5.00	0.348	ug/L
75-85-4	tert-amyl alcohol (TAA)	<20.0	20.0	15.6	ug/L
762-75-4	tert-butyl formate (TBF)	<5.00	5.00	0.357	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.6	ug/L	97	50 - 150
1868-53-7	Dibromofluoromethane	50	47	ug/L	94	50 - 150
2037-26-5	Toluene d8	50	53.1	ug/L	106	50 - 150
17060-07-0	1,2-Dichloroethane-d4	50	48.8	ug/L	98	50 - 150

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
02/20/2009 08:00	406555	SW-846 8011	1	02/20/2009 23:56	TLS	406803

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194006	**MW-13**	Water	02/17/2009 15:35	02/19/2009 09:15

SW-846 6010B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
02/19/2009 13:55	406512	SW-846 3010A	1	02/20/2009 17:47	CNB	406613

CAS#	Parameter	Result	RDL	MDL	Units
7439-92-1	Lead	<0.015	0.015	0.0027	mg/L

EPA 353.2 N+N

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5	02/27/2009 13:32	JEM	406985

CAS#	Parameter	Result	RDL	MDL	Units
C-005	**Nitrate/Nitrite**	**4.39**	**0.050**	**0.005**	**mg/L**

EPA 375.4 Sulfate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	02/27/2009 08:04	JEM	406909

CAS#	Parameter	Result	RDL	MDL	Units
14808-79-8	Sulfate	<5.0	5.0	0.41	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194007	**MW-14**	Water	02/17/2009 15:05	02/19/2009 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	02/21/2009 23:54	JCK	406689

CAS#	Parameter	Result	RDL	MDL	Units
107-06-2	1,2-Dichloroethane	<1.00	1.00	0.090	ug/L
71-43-2	Benzene	<1.00	1.00	0.065	ug/L
100-41-4	Ethylbenzene	<1.00	1.00	0.065	ug/L
91-20-3	Naphthalene	<5.00	5.00	0.118	ug/L
108-88-3	Toluene	<1.00	1.00	0.076	ug/L
1330-20-7	Xylene (total)	<3.00	3.00	0.183	ug/L
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**1.55**	**1.00**	**0.077**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	44.7	ug/L	89	78 - 130
1868-53-7	Dibromofluoromethane	50	54	ug/L	108	77 - 127
2037-26-5	Toluene d8	50	51	ug/L	102	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	48	ug/L	96	71 - 127

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	02/21/2009 23:54	JCK	406688

CAS#	Parameter	Result	RDL	MDL	Units
64-17-5	Ethanol	<100	100	40.3	ug/L
637-92-3	Ethyl tert-butyl ether (ETBE)	<5.00	5.00	0.259	ug/L
108-20-3	diisopropyl Ether (DIPE)	<5.00	5.00	0.529	ug/L
624-95-3	ethyl tert-butanol (ETBA)	<10.0	10.0	4.36	ug/L
75-65-0	t-Butanol (TBA)	<10.0	10.0	4.12	ug/L
994-05-8	t-amyl methyl ether (TAME)	<5.00	5.00	0.348	ug/L
75-85-4	tert-amyl alcohol (TAA)	<20.0	20.0	15.6	ug/L
762-75-4	tert-butyl formate (TBF)	<5.00	5.00	0.357	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	44.7	ug/L	89	50 - 150
1868-53-7	Dibromofluoromethane	50	54	ug/L	108	50 - 150
2037-26-5	Toluene d8	50	51	ug/L	102	50 - 150
17060-07-0	1,2-Dichloroethane-d4	50	48	ug/L	96	50 - 150

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
02/20/2009 08:00	406555	SW-846 8011	1	02/21/2009 00:16	TLS	406803

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194007	**MW-14**	Water	02/17/2009 15:05	02/19/2009 09:15

SW-846 6010B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
02/19/2009 13:55	406512	SW-846 3010A	1	02/20/2009 17:53	CNB	406613

CAS#	Parameter	Result	RDL	MDL	Units
7439-92-1	**Lead**	**0.0037B**	**0.015**	**0.0027**	**mg/L**

EPA 353.2 N+N

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			2	02/27/2009 13:33	JEM	406985

CAS#	Parameter	Result	RDL	MDL	Units
C-005	**Nitrate/Nitrite**	**2.00**	**0.020**	**0.002**	**mg/L**

EPA 375.4 Sulfate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	02/27/2009 08:05	JEM	406909

CAS#	Parameter	Result	RDL	MDL	Units
14808-79-8	Sulfate	<5.0	5.0	0.41	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194008	**MW-15**	Water	02/17/2009 10:20	02/19/2009 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20	02/22/2009 00:17	JCK	406689

CAS#	Parameter	Result	RDL	MDL	Units
107-06-2	1,2-Dichloroethane	<20.0	20.0	1.80	ug/L
71-43-2	**Benzene**	**822**	**20.0**	**1.30**	**ug/L**
100-41-4	**Ethylbenzene**	**417**	**20.0**	**1.30**	**ug/L**
91-20-3	**Naphthalene**	**143**	**100**	**2.36**	**ug/L**
108-88-3	**Toluene**	**1420**	**20.0**	**1.51**	**ug/L**
1330-20-7	**Xylene (total)**	**1550**	**60.0**	**3.67**	**ug/L**
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**1320**	**20.0**	**1.54**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	1000	1010	ug/L	101	78 - 130
1868-53-7	Dibromofluoromethane	1000	1020	ug/L	102	77 - 127
2037-26-5	Toluene d8	1000	1000	ug/L	100	76 - 134
17060-07-0	1,2-Dichloroethane-d4	1000	995	ug/L	100	71 - 127

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20	02/22/2009 00:17	JCK	406688

CAS#	Parameter	Result	RDL	MDL	Units
64-17-5	Ethanol	<2000	2000	806	ug/L
637-92-3	Ethyl tert-butyl ether (ETBE)	<100	100	5.18	ug/L
108-20-3	**diisopropyl Ether (DIPE)**	**40.8J**	**100**	**10.6**	**ug/L**
624-95-3	ethyl tert-butanol (ETBA)	<200	200	87.2	ug/L
75-65-0	**t-Butanol (TBA)**	**2150**	**200**	**82.4**	**ug/L**
994-05-8	**t-amyl methyl ether (TAME)**	**141**	**100**	**6.96**	**ug/L**
75-85-4	tert-amyl alcohol (TAA)	<400	400	312	ug/L
762-75-4	tert-butyl formate (TBF)	<100	100	7.14	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	1000	1010	ug/L	101	50 - 150
1868-53-7	Dibromofluoromethane	1000	1020	ug/L	102	50 - 150
2037-26-5	Toluene d8	1000	1000	ug/L	100	50 - 150
17060-07-0	1,2-Dichloroethane-d4	1000	995	ug/L	100	50 - 150

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
02/20/2009 08:00	406555	SW-846 8011	1	02/21/2009 00:37	TLS	406803

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194008	**MW-15**	Water	02/17/2009 10:20	02/19/2009 09:15

SW-846 6010B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
02/19/2009 13:55	406512	SW-846 3010A	1	02/20/2009 17:59	CNB	406613

CAS#	Parameter	Result	RDL	MDL	Units
7439-92-1	**Lead**	**0.0047B**	**0.015**	**0.0027**	**mg/L**

EPA 353.2 N+N

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	02/27/2009 13:37	JEM	406985

CAS#	Parameter	Result	RDL	MDL	Units
C-005	Nitrate/Nitrite	<0.010	0.010	0.001	mg/L

EPA 375.4 Sulfate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	02/27/2009 08:06	JEM	406909

CAS#	Parameter	Result	RDL	MDL	Units
14808-79-8	Sulfate	<5.0	5.0	0.41	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194009	**MW-16**	Water	02/17/2009 13:50	02/19/2009 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5	02/22/2009 18:29	JCK	406703

CAS#	Parameter	Result	RDL	MDL	Units
107-06-2	**1,2-Dichloroethane**	**9.19**	**5.00**	**0.449**	**ug/L**
71-43-2	**Benzene**	**183**	**5.00**	**0.325**	**ug/L**
100-41-4	**Ethylbenzene**	**57.2**	**5.00**	**0.326**	**ug/L**
91-20-3	Naphthalene	<25.0	25.0	0.591	ug/L
108-88-3	**Toluene**	**85.5**	**5.00**	**0.378**	**ug/L**
1330-20-7	**Xylene (total)**	**107**	**15.0**	**0.917**	**ug/L**
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**542**	**5.00**	**0.385**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	250	238	ug/L	95	78 - 130
1868-53-7	Dibromofluoromethane	250	265	ug/L	106	77 - 127
2037-26-5	Toluene d8	250	245	ug/L	98	76 - 134
17060-07-0	1,2-Dichloroethane-d4	250	251	ug/L	100	71 - 127

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5	02/22/2009 18:29	JCK	406702

CAS#	Parameter	Result	RDL	MDL	Units
64-17-5	Ethanol	<500	500	202	ug/L
637-92-3	Ethyl tert-butyl ether (ETBE)	<25.0	25.0	1.30	ug/L
108-20-3	**diisopropyl Ether (DIPE)**	**28.6**	**25.0**	**2.65**	**ug/L**
624-95-3	ethyl tert-butanol (ETBA)	<50.0	50.0	21.8	ug/L
75-65-0	**t-Butanol (TBA)**	**114**	**50.0**	**20.6**	**ug/L**
994-05-8	**t-amyl methyl ether (TAME)**	**39.3**	**25.0**	**1.74**	**ug/L**
75-85-4	**tert-amyl alcohol (TAA)**	**237**	**100**	**78.0**	**ug/L**
762-75-4	tert-butyl formate (TBF)	<25.0	25.0	1.79	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	250	238	ug/L	95	50 - 150
1868-53-7	Dibromofluoromethane	250	265	ug/L	106	50 - 150
2037-26-5	Toluene d8	250	245	ug/L	98	50 - 150
17060-07-0	1,2-Dichloroethane-d4	250	251	ug/L	100	50 - 150

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
02/20/2009 08:00	406555	SW-846 8011	1	02/21/2009 00:57	TLS	406803

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	**1,2-Dibromoethane**	**0.019**	**0.010**	**0.00350**	**ug/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194009	**MW-16**	Water	02/17/2009 13:50	02/19/2009 09:15

SW-846 6010B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
02/19/2009 13:55	406512	SW-846 3010A	1	02/20/2009 18:16	CNB	406613

CAS#	Parameter	Result	RDL	MDL	Units
7439-92-1	**Lead**	**0.0037B**	**0.015**	**0.0027**	**mg/L**

EPA 353.2 N+N

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	02/27/2009 13:38	JEM	406985

CAS#	Parameter	Result	RDL	MDL	Units
C-005	Nitrate/Nitrite	<0.010	0.010	0.001	mg/L

EPA 375.4 Sulfate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	02/27/2009 08:09	JEM	406909

CAS#	Parameter	Result	RDL	MDL	Units
14808-79-8	Sulfate	<5.0	5.0	0.41	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194010	**MW-17**	Water	02/16/2009 17:35	02/19/2009 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5	02/22/2009 18:53	JCK	406703

CAS#	Parameter	Result	RDL	MDL	Units
107-06-2	**1,2-Dichloroethane**	**4.74J**	**5.00**	**0.449**	**ug/L**
71-43-2	**Benzene**	**106**	**5.00**	**0.325**	**ug/L**
100-41-4	**Ethylbenzene**	**54.6**	**5.00**	**0.326**	**ug/L**
91-20-3	Naphthalene	<25.0	25.0	0.591	ug/L
108-88-3	**Toluene**	**15.7**	**5.00**	**0.378**	**ug/L**
1330-20-7	**Xylene (total)**	**84.0**	**15.0**	**0.917**	**ug/L**
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**463**	**5.00**	**0.385**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	250	229	ug/L	92	78 - 130
1868-53-7	Dibromofluoromethane	250	272	ug/L	109	77 - 127
2037-26-5	Toluene d8	250	243	ug/L	97	76 - 134
17060-07-0	1,2-Dichloroethane-d4	250	247	ug/L	99	71 - 127

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5	02/22/2009 18:53	JCK	406702

CAS#	Parameter	Result	RDL	MDL	Units
64-17-5	Ethanol	<500	500	202	ug/L
637-92-3	Ethyl tert-butyl ether (ETBE)	<25.0	25.0	1.30	ug/L
108-20-3	**diisopropyl Ether (DIPE)**	**24.0J**	**25.0**	**2.65**	**ug/L**
624-95-3	ethyl tert-butanol (ETBA)	<50.0	50.0	21.8	ug/L
75-65-0	**t-Butanol (TBA)**	**72.8**	**50.0**	**20.6**	**ug/L**
994-05-8	**t-amyl methyl ether (TAME)**	**38.3**	**25.0**	**1.74**	**ug/L**
75-85-4	tert-amyl alcohol (TAA)	<100	100	78.0	ug/L
762-75-4	tert-butyl formate (TBF)	<25.0	25.0	1.79	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	250	229	ug/L	92	50 - 150
1868-53-7	Dibromofluoromethane	250	272	ug/L	109	50 - 150
2037-26-5	Toluene d8	250	243	ug/L	97	50 - 150
17060-07-0	1,2-Dichloroethane-d4	250	247	ug/L	99	50 - 150

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
02/20/2009 08:00	406555	SW-846 8011	1	02/21/2009 01:39	TLS	406803

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194010	**MW-17**	Water	02/16/2009 17:35	02/19/2009 09:15

SW-846 6010B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
02/19/2009 13:55	406512	SW-846 3010A	1	02/20/2009 18:22	CNB	406613

CAS#	Parameter	Result	RDL	MDL	Units
7439-92-1	Lead	<0.015	0.015	0.0027	mg/L

EPA 353.2 N+N

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	02/27/2009 13:39	JEM	406985

CAS#	Parameter	Result	RDL	MDL	Units
C-005	Nitrate/Nitrite	<0.010	0.010	0.001	mg/L

EPA 375.4 Sulfate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	02/27/2009 08:09	JEM	406909

CAS#	Parameter	Result	RDL	MDL	Units
14808-79-8	Sulfate	<5.0	5.0	0.41	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194011	**MW-18**	Water	02/16/2009 16:55	02/19/2009 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5	02/22/2009 19:17	JCK	406703

CAS#	Parameter	Result	RDL	MDL	Units
107-06-2	**1,2-Dichloroethane**	**7.48**	**5.00**	**0.449**	**ug/L**
71-43-2	**Benzene**	**255**	**5.00**	**0.325**	**ug/L**
100-41-4	**Ethylbenzene**	**109**	**5.00**	**0.326**	**ug/L**
91-20-3	Naphthalene	<25.0	25.0	0.591	ug/L
108-88-3	**Toluene**	**72.7**	**5.00**	**0.378**	**ug/L**
1330-20-7	**Xylene (total)**	**458**	**15.0**	**0.917**	**ug/L**
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**689**	**5.00**	**0.385**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	250	245	ug/L	98	78 - 130
1868-53-7	Dibromofluoromethane	250	259	ug/L	104	77 - 127
2037-26-5	Toluene d8	250	239	ug/L	96	76 - 134
17060-07-0	1,2-Dichloroethane-d4	250	249	ug/L	100	71 - 127

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5	02/22/2009 19:17	JCK	406702

CAS#	Parameter	Result	RDL	MDL	Units
64-17-5	Ethanol	<500	500	202	ug/L
637-92-3	Ethyl tert-butyl ether (ETBE)	<25.0	25.0	1.30	ug/L
108-20-3	**diisopropyl Ether (DIPE)**	**37.9**	**25.0**	**2.65**	**ug/L**
624-95-3	ethyl tert-butanol (ETBA)	<50.0	50.0	21.8	ug/L
75-65-0	**t-Butanol (TBA)**	**123**	**50.0**	**20.6**	**ug/L**
994-05-8	**t-amyl methyl ether (TAME)**	**44.0**	**25.0**	**1.74**	**ug/L**
75-85-4	**tert-amyl alcohol (TAA)**	**143**	**100**	**78.0**	**ug/L**
762-75-4	tert-butyl formate (TBF)	<25.0	25.0	1.79	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	250	245	ug/L	98	50 - 150
1868-53-7	Dibromofluoromethane	250	259	ug/L	104	50 - 150
2037-26-5	Toluene d8	250	239	ug/L	96	50 - 150
17060-07-0	1,2-Dichloroethane-d4	250	249	ug/L	100	50 - 150

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
02/20/2009 08:00	406555	SW-846 8011	1	02/21/2009 01:59	TLS	406803

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	**1,2-Dibromoethane**	**0.015**	**0.010**	**0.00350**	**ug/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194011	**MW-18**	Water	02/16/2009 16:55	02/19/2009 09:15

SW-846 6010B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
02/19/2009 13:55	406512	SW-846 3010A	1	02/20/2009 18:28	CNB	406613

CAS#	Parameter	Result	RDL	MDL	Units
7439-92-1	**Lead**	**0.0056B**	**0.015**	**0.0027**	**mg/L**

EPA 353.2 N+N

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	02/27/2009 13:41	JEM	406985

CAS#	Parameter	Result	RDL	MDL	Units
C-005	Nitrate/Nitrite	<0.010	0.010	0.001	mg/L

EPA 375.4 Sulfate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	02/27/2009 08:26	JEM	406909

CAS#	Parameter	Result	RDL	MDL	Units
14808-79-8	Sulfate	<5.0	5.0	0.41	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194012	**MW-19**	Water	02/17/2009 08:35	02/19/2009 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			100	02/22/2009 15:44	JCK	406703

CAS#	Parameter	Result	RDL	MDL	Units
107-06-2	1,2-Dichloroethane	<100	100	8.98	ug/L
71-43-2	**Benzene**	**3110**	**100**	**6.49**	**ug/L**
100-41-4	**Ethylbenzene**	**1330**	**100**	**6.52**	**ug/L**
91-20-3	**Naphthalene**	**682**	**500**	**11.8**	**ug/L**
108-88-3	**Toluene**	**9000**	**100**	**7.55**	**ug/L**
1330-20-7	**Xylene (total)**	**5410**	**300**	**18.3**	**ug/L**
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**12100**	**100**	**7.69**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	5000	4940	ug/L	99	78 - 130
1868-53-7	Dibromofluoromethane	5000	5020	ug/L	100	77 - 127
2037-26-5	Toluene d8	5000	4850	ug/L	97	76 - 134
17060-07-0	1,2-Dichloroethane-d4	5000	4820	ug/L	96	71 - 127

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			100	02/22/2009 15:44	JCK	406702

CAS#	Parameter	Result	RDL	MDL	Units
64-17-5	Ethanol	<10000	10000	4030	ug/L
637-92-3	Ethyl tert-butyl ether (ETBE)	<500	500	25.9	ug/L
108-20-3	**diisopropyl Ether (DIPE)**	**323J**	**500**	**52.9**	**ug/L**
624-95-3	ethyl tert-butanol (ETBA)	<1000	1000	436	ug/L
75-65-0	**t-Butanol (TBA)**	**7480**	**1000**	**412**	**ug/L**
994-05-8	**t-amyl methyl ether (TAME)**	**804**	**500**	**34.8**	**ug/L**
75-85-4	tert-amyl alcohol (TAA)	<2000	2000	1560	ug/L
762-75-4	tert-butyl formate (TBF)	<500	500	35.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	5000	4940	ug/L	99	50 - 150
1868-53-7	Dibromofluoromethane	5000	5020	ug/L	100	50 - 150
2037-26-5	Toluene d8	5000	4850	ug/L	97	50 - 150
17060-07-0	1,2-Dichloroethane-d4	5000	4820	ug/L	96	50 - 150

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
02/20/2009 08:00	406555	SW-846 8011	10	02/23/2009 14:30	TLS	406890

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	**1,2-Dibromoethane**	**6.49**	**0.100**	**0.035**	**ug/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194012	**MW-19**	Water	02/17/2009 08:35	02/19/2009 09:15

SW-846 6010B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
02/19/2009 13:55	406512	SW-846 3010A	1	02/20/2009 18:34	CNB	406613

CAS#	Parameter	Result	RDL	MDL	Units
7439-92-1	**Lead**	**0.10**	**0.015**	**0.0027**	**mg/L**

EPA 353.2 N+N

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	02/27/2009 13:42	JEM	406985

CAS#	Parameter	Result	RDL	MDL	Units
C-005	Nitrate/Nitrite	<0.010	0.010	0.001	mg/L

EPA 375.4 Sulfate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	02/27/2009 08:26	JEM	406909

CAS#	Parameter	Result	RDL	MDL	Units
14808-79-8	**Sulfate**	**4.5B**	**5.0**	**0.41**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194013	**MW-20**	Water	02/17/2009 14:25	02/19/2009 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			100	02/22/2009 17:20	JCK	406703

CAS#	Parameter	Result	RDL	MDL	Units
107-06-2	1,2-Dichloroethane	<100	100	8.98	ug/L
71-43-2	**Benzene**	**1340**	**100**	**6.49**	**ug/L**
100-41-4	**Ethylbenzene**	**1040**	**100**	**6.52**	**ug/L**
91-20-3	**Naphthalene**	**602**	**500**	**11.8**	**ug/L**
108-88-3	**Toluene**	**1840**	**100**	**7.55**	**ug/L**
1330-20-7	**Xylene (total)**	**2670**	**300**	**18.3**	**ug/L**
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**6230**	**100**	**7.69**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	5000	4820	ug/L	96	78 - 130
1868-53-7	Dibromofluoromethane	5000	5070	ug/L	101	77 - 127
2037-26-5	Toluene d8	5000	4940	ug/L	99	76 - 134
17060-07-0	1,2-Dichloroethane-d4	5000	4890	ug/L	98	71 - 127

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			100	02/22/2009 17:20	JCK	406702

CAS#	Parameter	Result	RDL	MDL	Units
64-17-5	Ethanol	<10000	10000	4030	ug/L
637-92-3	Ethyl tert-butyl ether (ETBE)	<500	500	25.9	ug/L
108-20-3	**diisopropyl Ether (DIPE)**	**146J**	**500**	**52.9**	**ug/L**
624-95-3	ethyl tert-butanol (ETBA)	<1000	1000	436	ug/L
75-65-0	**t-Butanol (TBA)**	**16300**	**1000**	**412**	**ug/L**
994-05-8	**t-amyl methyl ether (TAME)**	**676**	**500**	**34.8**	**ug/L**
75-85-4	**tert-amyl alcohol (TAA)**	**8450**	**2000**	**1560**	**ug/L**
762-75-4	tert-butyl formate (TBF)	<500	500	35.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	5000	4820	ug/L	96	50 - 150
1868-53-7	Dibromofluoromethane	5000	5070	ug/L	101	50 - 150
2037-26-5	Toluene d8	5000	4940	ug/L	99	50 - 150
17060-07-0	1,2-Dichloroethane-d4	5000	4890	ug/L	98	50 - 150

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
02/20/2009 08:00	406555	SW-846 8011	5	02/23/2009 14:51	TLS	406890

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	**1,2-Dibromoethane**	**1.61**	**0.050**	**0.018**	**ug/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194013	**MW-20**	Water	02/17/2009 14:25	02/19/2009 09:15

SW-846 6010B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
02/19/2009 17:00	406530	SW-846 3010A	5	02/23/2009 22:04	CNB	406788

CAS#	Parameter	Result	RDL	MDL	Units
7439-92-1	**Lead**	**0.053B**	**0.075**	**0.014**	**mg/L**

EPA 353.2 N+N

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	02/27/2009 13:43	JEM	406985

CAS#	Parameter	Result	RDL	MDL	Units
C-005	Nitrate/Nitrite	<0.010	0.010	0.001	mg/L

EPA 375.4 Sulfate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	02/27/2009 08:27	JEM	406909

CAS#	Parameter	Result	RDL	MDL	Units
14808-79-8	Sulfate	<5.0	5.0	0.41	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194014	DW-1	Water	02/17/2009 11:05	02/19/2009 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	02/22/2009 19:43	JCK	406703

CAS#	Parameter	Result	RDL	MDL	Units
107-06-2	1,2-Dichloroethane	<1.00	1.00	0.090	ug/L
71-43-2	**Benzene**	**1.66**	**1.00**	**0.065**	**ug/L**
100-41-4	Ethylbenzene	<1.00	1.00	0.065	ug/L
91-20-3	Naphthalene	<5.00	5.00	0.118	ug/L
108-88-3	**Toluene**	**1.39**	**1.00**	**0.076**	**ug/L**
1330-20-7	Xylene (total)	<3.00	3.00	0.183	ug/L
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**47.5**	**1.00**	**0.077**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	45.3	ug/L	91	78 - 130
1868-53-7	Dibromofluoromethane	50	53.9	ug/L	108	77 - 127
2037-26-5	Toluene d8	50	50.9	ug/L	102	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	47.5	ug/L	95	71 - 127

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	02/22/2009 19:43	JCK	406702

CAS#	Parameter	Result	RDL	MDL	Units
64-17-5	Ethanol	<100	100	40.3	ug/L
637-92-3	Ethyl tert-butyl ether (ETBE)	<5.00	5.00	0.259	ug/L
108-20-3	**diisopropyl Ether (DIPE)**	**2.42J**	**5.00**	**0.529**	**ug/L**
624-95-3	ethyl tert-butanol (ETBA)	<10.0	10.0	4.36	ug/L
75-65-0	**t-Butanol (TBA)**	**42.9**	**10.0**	**4.12**	**ug/L**
994-05-8	**t-amyl methyl ether (TAME)**	**6.66**	**5.00**	**0.348**	**ug/L**
75-85-4	tert-amyl alcohol (TAA)	<20.0	20.0	15.6	ug/L
762-75-4	tert-butyl formate (TBF)	<5.00	5.00	0.357	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	45.3	ug/L	91	50 - 150
1868-53-7	Dibromofluoromethane	50	53.9	ug/L	108	50 - 150
2037-26-5	Toluene d8	50	50.9	ug/L	102	50 - 150
17060-07-0	1,2-Dichloroethane-d4	50	47.5	ug/L	95	50 - 150

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
02/20/2009 08:00	406555	SW-846 8011	1	02/21/2009 03:00	TLS	406803

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194014	DW-1	Water	02/17/2009 11:05	02/19/2009 09:15

SW-846 6010B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
02/19/2009 17:00	406530	SW-846 3010A	5	02/23/2009 21:00	CNB	406788

CAS#	Parameter	Result	RDL	MDL	Units
7439-92-1	Lead	<0.075	0.075	0.014	mg/L

EPA 353.2 N+N

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	02/27/2009 13:44	JEM	406985

CAS#	Parameter	Result	RDL	MDL	Units
C-005	Nitrate/Nitrite	0.507	0.010	0.001	mg/L

EPA 375.4 Sulfate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	02/27/2009 08:28	JEM	406909

CAS#	Parameter	Result	RDL	MDL	Units
14808-79-8	Sulfate	9.4	5.0	0.41	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194015	DW-2	Water	02/17/2009 12:55	02/19/2009 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	02/22/2009 20:05	JCK	406703

CAS#	Parameter	Result	RDL	MDL	Units
107-06-2	1,2-Dichloroethane	<1.00	1.00	0.090	ug/L
71-43-2	**Benzene**	**2.81**	**1.00**	**0.065**	**ug/L**
100-41-4	Ethylbenzene	<1.00	1.00	0.065	ug/L
91-20-3	Naphthalene	<5.00	5.00	0.118	ug/L
108-88-3	Toluene	<1.00	1.00	0.076	ug/L
1330-20-7	Xylene (total)	<3.00	3.00	0.183	ug/L
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**51.3**	**1.00**	**0.077**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	45.1	ug/L	90	78 - 130
1868-53-7	Dibromofluoromethane	50	54.4	ug/L	109	77 - 127
2037-26-5	Toluene d8	50	51.1	ug/L	102	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	47.8	ug/L	96	71 - 127

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	02/22/2009 20:05	JCK	406702

CAS#	Parameter	Result	RDL	MDL	Units
64-17-5	Ethanol	<100	100	40.3	ug/L
637-92-3	Ethyl tert-butyl ether (ETBE)	<5.00	5.00	0.259	ug/L
108-20-3	**diisopropyl Ether (DIPE)**	**2.14J**	**5.00**	**0.529**	**ug/L**
624-95-3	ethyl tert-butanol (ETBA)	<10.0	10.0	4.36	ug/L
75-65-0	**t-Butanol (TBA)**	**14.7**	**10.0**	**4.12**	**ug/L**
994-05-8	**t-amyl methyl ether (TAME)**	**6.77**	**5.00**	**0.348**	**ug/L**
75-85-4	tert-amyl alcohol (TAA)	<20.0	20.0	15.6	ug/L
762-75-4	tert-butyl formate (TBF)	<5.00	5.00	0.357	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	45.1	ug/L	90	50 - 150
1868-53-7	Dibromofluoromethane	50	54.4	ug/L	109	50 - 150
2037-26-5	Toluene d8	50	51.1	ug/L	102	50 - 150
17060-07-0	1,2-Dichloroethane-d4	50	47.8	ug/L	96	50 - 150

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
02/20/2009 08:00	406555	SW-846 8011	1	02/21/2009 03:21	TLS	406803

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194015	DW-2	Water	02/17/2009 12:55	02/19/2009 09:15

SW-846 6010B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
02/19/2009 17:00	406530	SW-846 3010A	5	02/23/2009 22:09	CNB	406788

CAS#	Parameter	Result	RDL	MDL	Units
7439-92-1	Lead	0.015B	0.075	0.014	mg/L

EPA 353.2 N+N

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	02/27/2009 13:46	JEM	406985

CAS#	Parameter	Result	RDL	MDL	Units
C-005	Nitrate/Nitrite	0.594	0.010	0.001	mg/L

EPA 375.4 Sulfate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	02/27/2009 08:29	JEM	406909

CAS#	Parameter	Result	RDL	MDL	Units
14808-79-8	Sulfate	1.4B	5.0	0.41	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194016	DW-3	Water	02/17/2009 09:20	02/19/2009 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			2	02/22/2009 21:30	JCK	406703

CAS#	Parameter	Result	RDL	MDL	Units
107-06-2	**1,2-Dichloroethane**	**3.42**	**2.00**	**0.180**	**ug/L**
71-43-2	**Benzene**	**6.59**	**2.00**	**0.130**	**ug/L**
100-41-4	Ethylbenzene	<2.00	2.00	0.130	ug/L
91-20-3	Naphthalene	<10.0	10.0	0.236	ug/L
108-88-3	**Toluene**	**1.85J**	**2.00**	**0.151**	**ug/L**
1330-20-7	Xylene (total)	<6.00	6.00	0.367	ug/L
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**279**	**2.00**	**0.154**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	100	88	ug/L	88	78 - 130
1868-53-7	Dibromofluoromethane	100	108	ug/L	108	77 - 127
2037-26-5	Toluene d8	100	96	ug/L	96	76 - 134
17060-07-0	1,2-Dichloroethane-d4	100	97.7	ug/L	98	71 - 127

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			2	02/22/2009 21:30	JCK	406702

CAS#	Parameter	Result	RDL	MDL	Units
64-17-5	Ethanol	<200	200	80.6	ug/L
637-92-3	Ethyl tert-butyl ether (ETBE)	<10.0	10.0	0.518	ug/L
108-20-3	**diisopropyl Ether (DIPE)**	**14.0**	**10.0**	**1.06**	**ug/L**
624-95-3	ethyl tert-butanol (ETBA)	<20.0	20.0	8.72	ug/L
75-65-0	**t-Butanol (TBA)**	**42.7**	**20.0**	**8.24**	**ug/L**
994-05-8	**t-amyl methyl ether (TAME)**	**15.8**	**10.0**	**0.696**	**ug/L**
75-85-4	**tert-amyl alcohol (TAA)**	**76.8**	**40.0**	**31.2**	**ug/L**
762-75-4	tert-butyl formate (TBF)	<10.0	10.0	0.714	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	100	88	ug/L	88	50 - 150
1868-53-7	Dibromofluoromethane	100	108	ug/L	108	50 - 150
2037-26-5	Toluene d8	100	96	ug/L	96	50 - 150
17060-07-0	1,2-Dichloroethane-d4	100	97.7	ug/L	98	50 - 150

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
02/20/2009 08:00	406555	SW-846 8011	1	02/21/2009 03:41	TLS	406803

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20902194016	DW-3	Water	02/17/2009 09:20	02/19/2009 09:15

SW-846 6010B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
02/19/2009 17:00	406530	SW-846 3010A	5	02/23/2009 22:16	CNB	406788

CAS#	Parameter	Result	RDL	MDL	Units
7439-92-1	Lead	<0.075	0.075	0.014	mg/L

EPA 353.2 N+N

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	02/27/2009 13:47	JEM	406985

CAS#	Parameter	Result	RDL	MDL	Units
C-005	Nitrate/Nitrite	0.461	0.010	0.001	mg/L

EPA 375.4 Sulfate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	02/27/2009 08:30	JEM	406909

CAS#	Parameter	Result	RDL	MDL	Units
14808-79-8	Sulfate	<5.0	5.0	0.41	mg/L

GC/MS Volatiles Quality Control Summary

Analytical Batch	406689	Client ID	MB406689			LCS406689			LCSD406689			
Prep Batch	N/A	GCAL ID	697963			697964			697965			
		Sample Type	Method Blank			LCS			LCSD			
		Analytical Date	02/21/2009 20:27			02/21/2009 19:19			02/21/2009 19:42			
		Matrix	Water			Water			Water			
SW-846 8260B		**Units**	ug/L	**Spike Added**	**Result**	**Result**	**% R**	**Control Limits**	**Result**	**% R**	**RPD**	**RPD Limit**
107-06-2	1,2-Dichloroethane		<1.00	1.00	50.0	46.8	94	76 - 123	47.8	96	2	30
100-41-4	Ethylbenzene		<1.00	1.00	50.0	44.3	89	74 - 126	46.4	93	5	30
1634-04-4	tert-Butyl methyl ether (MTBE)		<1.00	1.00	50.0	46.8	94	76 - 122	47.2	94	0.9	30
1330-20-7	Xylene (total)		<3.00	3.00	150	133	89	76 - 123	135	90	1	30
91-20-3	Naphthalene		<5.00	5.00	50.0	43.8	88	64 - 127	43.5	87	0.7	35
71-43-2	Benzene		<1.00	1.00	50.0	48.1	96	78 - 121	50.2	100	4	20
108-88-3	Toluene		<1.00	1.00	50.0	48.7	97	78 - 121	50.6	101	4	20
Surrogate												
460-00-4	4-Bromofluorobenzene		43.4	87	50	51.5	103	78 - 130	51	102		
1868-53-7	Dibromofluoromethane		53.8	108	50	50.3	101	77 - 127	50.7	101		
2037-26-5	Toluene d8		50.4	101	50	50.3	101	76 - 134	49.9	100		
17060-07-0	1,2-Dichloroethane-d4		49.4	99	50	48.9	98	71 - 127	49.8	100		

Analytical Batch	406703	Client ID	MB406703			LCS406703			LCSD406703			
Prep Batch	N/A	GCAL ID	698012			698013			698014			
		Sample Type	Method Blank			LCS			LCSD			
		Analytical Date	02/22/2009 13:25			02/22/2009 12:02			02/22/2009 12:39			
		Matrix	Water			Water			Water			
SW-846 8260B		**Units**	ug/L	**Spike Added**	**Result**	**Result**	**% R**	**Control Limits**	**Result**	**% R**	**RPD**	**RPD Limit**
107-06-2	1,2-Dichloroethane		<1.00	1.00	50.0	45.5	91	76 - 123	46.4	93	2	30
100-41-4	Ethylbenzene		<1.00	1.00	50.0	44.5	89	74 - 126	45.6	91	2	30
1634-04-4	tert-Butyl methyl ether (MTBE)		<1.00	1.00	50.0	43.6	87	76 - 122	43.2	86	0.9	30
1330-20-7	Xylene (total)		<3.00	3.00	150	131	87	76 - 123	134	89	2	30
91-20-3	Naphthalene		<5.00	5.00	50.0	41.5	83	64 - 127	42.2	84	2	35
71-43-2	Benzene		<1.00	1.00	50.0	47.9	96	78 - 121	48.2	96	0.6	20
108-88-3	Toluene		<1.00	1.00	50.0	48.6	97	78 - 121	49.1	98	1	20
Surrogate												
460-00-4	4-Bromofluorobenzene		44.1	88	50	50.8	102	78 - 130	50.3	101		
1868-53-7	Dibromofluoromethane		53	106	50	49.3	99	77 - 127	48.8	98		
2037-26-5	Toluene d8		51.7	103	50	50.1	100	76 - 134	49.7	99		
17060-07-0	1,2-Dichloroethane-d4		47.3	95	50	48.3	97	71 - 127	47.8	96		

GC/MS Volatiles Quality Control Summary

Analytical Batch 406703	**Client ID**	MW-19	696977MS	696977MSD	
Prep Batch N/A	**GCAL ID**	20902194012	698019	698020	
	Sample Type	SAMPLE	MS	MSD	
	Analytical Date	02/22/2009 15:44	02/22/2009 16:07	02/22/2009 16:30	
	Matrix	Water	Water	Water	

SW-846 8260B		**Units**	ug/L	**Spike Added**	**Result**	**% R**	**Control Limits**	**Result**	**% R**	**RPD**	**RPD Limit**
107-06-2	1,2-Dichloroethane	0.00	100	5000	4800	96	76 - 123	4820	96	0.4	30
100-41-4	Ethylbenzene	1330	100	5000	5680	87	74 - 126	5710	88	0.5	30
1634-04-4	tert-Butyl methyl ether (MTBE)	12100	100	5000	16100	80	76 - 122	16200	82	0.6	30
1330-20-7	Xylene (total)	5410	300	15000	20100	98	76 - 123	20400	100	1	30
91-20-3	Naphthalene	682	500	5000	4380	74	64 - 127	4540	77	4	30
71-43-2	Benzene	3110	100	5000	8590	110	78 - 121	8830	114	3	30
108-88-3	Toluene	9000	100	5000	16200	144*	78 - 121	16500	150*	2	30
Surrogate											
460-00-4	4-Bromofluorobenzene	4940	99	5000	5260	105	78 - 130	5060	101		
1868-53-7	Dibromofluoromethane	5020	100	5000	4890	98	77 - 127	4920	98		
2037-26-5	Toluene d8	4850	97	5000	4920	98	76 - 134	4850	97		
17060-07-0	1,2-Dichloroethane-d4	4820	96	5000	5040	101	71 - 127	4900	98		

GC/MS Volatiles Quality Control Summary

Analytical Batch	406688	Client ID	MB406688			LCS406688			LCSD406688			
Prep Batch	N/A	GCAL ID	697960			697961			697962			
		Sample Type	Method Blank			LCS			LCSD			
		Analytical Date	02/21/2009 20:27			02/21/2009 19:19			02/21/2009 19:42			
		Matrix	Water			Water			Water			
SW-846 8260B		**Units**	ug/L	**Spike Added**	**Result**	**Result**	**% R**	**Control Limits**	**Result**	**% R**	**RPD**	**RPD Limit**
994-05-8	t-amyl methyl ether (TAME)		<5.00	5.00	50.0	46.1	92	50 - 150	46.6	93	1	50
75-65-0	t-Butanol (TBA)		<10.0	10.0	50.0	45.4	91	50 - 150	47.1	94	4	50
108-20-3	diisopropyl Ether (DIPE)		<5.00	5.00	50.0	46.6	93	50 - 150	47.9	96	3	50
637-92-3	Ethyl tert-butyl ether (ETBE)		<5.00	5.00	50.0	49.2	98	50 - 150	49.6	99	0.8	50
624-95-3	ethyl tert-butanol (ETBA)		<10.0	10.0	50.0	46.1	92	50 - 150	45.6	91	1	50
64-17-5	Ethanol		<100	100	200	251	126	50 - 150	257	129	2	50
75-85-4	tert-amyl alcohol (TAA)		<20.0	20.0	200	201	101	50 - 150	196	98	3	50
762-75-4	tert-butyl formate (TBF)		<5.00	5.00	50.0	52.6	105	50 - 150	50.8	102	3	50
Surrogate												
460-00-4	4-Bromofluorobenzene		43.4	87	50	51.5	103	50 - 150	51	102		
1868-53-7	Dibromofluoromethane		53.8	108	50	50.3	101	50 - 150	50.7	101		
2037-26-5	Toluene d8		50.4	101	50	50.3	101	50 - 150	49.9	100		
17060-07-0	1,2-Dichloroethane-d4		49.4	99	50	48.9	98	50 - 150	49.8	100		

Analytical Batch	406702	Client ID	MB406702			LCS406702			LCSD406702			
Prep Batch	N/A	GCAL ID	698009			698010			698011			
		Sample Type	Method Blank			LCS			LCSD			
		Analytical Date	02/22/2009 13:25			02/22/2009 12:02			02/22/2009 12:39			
		Matrix	Water			Water			Water			
SW-846 8260B		**Units**	ug/L	**Spike Added**	**Result**	**Result**	**% R**	**Control Limits**	**Result**	**% R**	**RPD**	**RPD Limit**
994-05-8	t-amyl methyl ether (TAME)		<5.00	5.00	50.0	44.9	90	50 - 150	45.0	90	0.2	50
75-65-0	t-Butanol (TBA)		<10.0	10.0	50.0	41.4	83	50 - 150	40.5	81	2	50
108-20-3	diisopropyl Ether (DIPE)		<5.00	5.00	50.0	43.1	86	50 - 150	44.3	89	3	50
637-92-3	Ethyl tert-butyl ether (ETBE)		<5.00	5.00	50.0	44.8	90	50 - 150	45.7	91	2	50
624-95-3	ethyl tert-butanol (ETBA)		<10.0	10.0	50.0	43.9	88	50 - 150	40.8	82	7	50
64-17-5	Ethanol		<100	100	200	233	117	50 - 150	219	110	6	50
75-85-4	tert-amyl alcohol (TAA)		<20.0	20.0	200	174	87	50 - 150	173	87	0.6	50
762-75-4	tert-butyl formate (TBF)		<5.00	5.00	50.0	47.2	94	50 - 150	48.4	97	3	50
Surrogate												
460-00-4	4-Bromofluorobenzene		44.1	88	50	50.8	102	50 - 150	50.3	101		
1868-53-7	Dibromofluoromethane		53	106	50	49.3	99	50 - 150	48.8	98		

GC/MS Volatiles Quality Control Summary

Analytical Batch	406702	Client ID	MB406702			LCS406702			LCSD406702			
Prep Batch	N/A	GCAL ID	698009			698010			698011			
		Sample Type	Method Blank			LCS			LCSD			
		Analytical Date	02/22/2009 13:25			02/22/2009 12:02			02/22/2009 12:39			
		Matrix	Water			Water			Water			
SW-846 8260B		**Units**	ug/L	**Spike Added**	**Result**	**Result**	**% R**	**Control Limits**	**Result**	**% R**	**RPD**	**RPD Limit**
2037-26-5	Toluene d8		51.7	103	50	50.1	100	50 - 150	49.7	99		
17060-07-0	1,2-Dichloroethane-d4		47.3	95	50	48.3	97	50 - 150	47.8	96		

Analytical Batch	406702	Client ID	MW-19			696977MS			696977MSD			
Prep Batch	N/A	GCAL ID	20902194012			698021			698022			
		Sample Type	SAMPLE			MS			MSD			
		Analytical Date	02/22/2009 15:44			02/22/2009 16:07			02/22/2009 16:30			
		Matrix	Water			Water			Water			
SW-846 8260B		**Units**	ug/L	**Spike Added**	**Result**	**Result**	**% R**	**Control Limits**	**Result**	**% R**	**RPD**	**RPD Limit**
994-05-8	t-amyl methyl ether (TAME)		804	500	5000	4780	80	50 - 150	4830	81	1	50
75-65-0	t-Butanol (TBA)		7480	1000	5000	12300	96	50 - 150	12100	92	2	50
108-20-3	diisopropyl Ether (DIPE)		323	500	5000	4670	87	50 - 150	4710	88	0.9	50
637-92-3	Ethyl tert-butyl ether (ETBE)		0.00	500	5000	4550	91	50 - 150	4480	90	2	50
624-95-3	ethyl tert-butanol (ETBA)		0.00	1000	5000	4450	89	50 - 150	4520	90	2	50
64-17-5	Ethanol		0.00	10000	20000	24200	121	50 - 150	22200	111	9	50
75-85-4	tert-amyl alcohol (TAA)		0.00	2000	20000	19100	96	50 - 150	20000	100	5	50
762-75-4	tert-butyl formate (TBF)		0.00	500	5000	4780	96	50 - 150	4880	98	2	50
Surrogate												
460-00-4	4-Bromofluorobenzene		4940	99	5000	5260	105	50 - 150	5060	101		
1868-53-7	Dibromofluoromethane		5020	100	5000	4890	98	50 - 150	4920	98		
2037-26-5	Toluene d8		4850	97	5000	4920	98	50 - 150	4850	97		
17060-07-0	1,2-Dichloroethane-d4		4820	96	5000	5040	101	50 - 150	4900	98		

General Chromatography Quality Control Summary

Analytical Batch	406803	**Client ID**	MB406555			LCS406555				LCSD406555		
Prep Batch	406555	**GCAL ID**	697162			697163				697164		
Prep Method	SW-846 8011	**Sample Type**	Method Blank			LCS				LCSD		
		Prep Date	02/20/2009 08:00			02/20/2009 08:00				02/20/2009 08:00		
		Analytical Date	02/20/2009 20:49			02/20/2009 21:10				02/20/2009 21:51		
		Matrix	Water			Water				Water		
SW-846 8011		**Units**	ug/L		**Spike Added**	**Result**	**Result**	**% R**	**Control Limits**	**Result**	**% R**	**RPD**	**RPD Limit**
106-93-4	1,2-Dibromoethane		<0.010	0.010	1.24	1.21	98	62 - 140	2	1.18	103	3	40

Inorganics Quality Control Summary

Analytical Batch	406613	**Client ID**	MB406512		LCS406512		
Prep Batch	406512	**GCAL ID**	696879		696880		
Prep Method	SW-846 3010A	**Sample Type**	Method Blank		LCS		
		Prep Date	02/19/2009 12:05		02/19/2009 12:05		
		Analytical Date	02/20/2009 15:53		02/20/2009 15:59		
		Matrix	Water		Water		
SW-846 6010B		**Units**	mg/L	**Spike Added**	**Result**		**Control Limits % R**
		Result	**RDL**			**% R**	
7439-92-1	Lead	0.0037B	0.015	0.50	0.49	98	80 - 120

Analytical Batch	406613	**Client ID**	#34G2W		696713MS		
Prep Batch	406512	**GCAL ID**	20902187314		696882		
Prep Method	SW-846 3010A	**Sample Type**	SAMPLE		MS		
		Prep Date	02/19/2009 12:05		02/19/2009 12:05		
		Analytical Date	02/20/2009 16:05		02/20/2009 16:17		
		Matrix	Water		Water		
SW-846 6010B		**Units**	mg/L	**Spike Added**	**Result**		**Control Limits % R**
		Result	**RDL**			**% R**	
7439-92-1	Lead	0.11	0.015	0.50	0.58	94	75 - 125

Analytical Batch	406613	**Client ID**	#34G2W	696713DUP		
Prep Batch	406512	**GCAL ID**	20902187314	696881		
Prep Method	SW-846 3010A	**Sample Type**	SAMPLE	DUP		
		Prep Date	02/19/2009 12:05	02/19/2009 12:05		
		Analytical Date	02/20/2009 16:05	02/20/2009 16:11		
		Matrix	Water	Water		
SW-846 6010B		**Units**	mg/L	**Result**	**RPD**	**RPD Limit**
		Result	**RDL**			
7439-92-1	Lead	0.11	0.015	0.10	10	20

Inorganics Quality Control Summary

Analytical Batch	406788	Client ID	MB406530	LCS406530
Prep Batch	406530	GCAL ID	697007	697008
Prep Method	SW-846 3010A	Sample Type	Method Blank	LCS
		Prep Date	02/19/2009 17:00	02/19/2009 17:00
		Analytical Date	02/23/2009 20:48	02/23/2009 20:55
		Matrix	Water	Water

SW-846 6010B		Units	mg/L	Spike Added	Result	% R	Control Limits % R
		Result	RDL				
7439-92-1	Lead	<0.015	0.015	0.50	0.50	99	80 - 120

Analytical Batch	406788	Client ID	DW-1	696979MS
Prep Batch	406530	GCAL ID	20902194014	697010
Prep Method	SW-846 3010A	Sample Type	SAMPLE	MS
		Prep Date	02/19/2009 17:00	02/19/2009 17:00
		Analytical Date	02/23/2009 21:00	02/23/2009 21:13
		Matrix	Water	Water

SW-846 6010B		Units	mg/L	Spike Added	Result	% R	Control Limits % R
		Result	RDL				
7439-92-1	Lead	0.0030	0.075	0.50	0.55	110	75 - 125

Analytical Batch	406788	Client ID	DW-1	696979DUP
Prep Batch	406530	GCAL ID	20902194014	697009
Prep Method	SW-846 3010A	Sample Type	SAMPLE	DUP
		Prep Date	02/19/2009 17:00	02/19/2009 17:00
		Analytical Date	02/23/2009 21:00	02/23/2009 21:07
		Matrix	Water	Water

SW-846 6010B		Units	mg/L	Result	RPD	RPD Limit
		Result	RDL			
7439-92-1	Lead	0.0030	0.075	0.0	200*	20

General Chemistry Quality Control Summary

Analytical Batch	406985	Client ID	MB406985			LCS406985		
Prep Batch	N/A	GCAL ID	699635			699636		
		Sample Type	Method Blank			LCS		
		Analytical Date	02/27/2009 13:22			02/27/2009 13:23		
		Matrix	Water			Water		
EPA 353.2 N+N		Units	mg/L	Spike				Control
		Result	RDL	Added	Result	% R	Limits % R	
C-005	Nitrate/Nitrite	<0.010	0.010	0.500	0.514	103	90 - 110	

Analytical Batch	406985	Client ID	MW-11			696967MS				696967MSD			
Prep Batch	N/A	GCAL ID	20902194004			699638				699639			
		Sample Type	SAMPLE			MS				MSD			
		Analytical Date	02/27/2009 13:26			02/27/2009 14:12				02/27/2009 14:13			
		Matrix	Water			Water				Water			
EPA 353.2 N+N		Units	mg/L	Spike				Control					
		Result	RDL	Added	Result	Result	% R	Limits	RDL % R	Result	% R	RPD	RPD Limit
C-005	Nitrate/Nitrite	1.06	0.050	2.50	3.42	94.6	89.5	-110.4		3.39	93.4	0.88	25

Analytical Batch	406985	Client ID	MW-11		696967DUP		
Prep Batch	N/A	GCAL ID	20902194004		699637		
		Sample Type	SAMPLE		DUP		
		Analytical Date	02/27/2009 13:26		02/27/2009 13:27		
		Matrix	Water		Water		
EPA 353.2 N+N		Units	mg/L				RPD
		Result	RDL	Result	RPD	Limit	
C-005	Nitrate/Nitrite	1.06	0.050	1.06	0	25	

General Chemistry Quality Control Summary

Analytical Batch	406909	Client ID	MB406909		LCS406909		
Prep Batch	N/A	GCAL ID	699209		699210		
		Sample Type	Method Blank		LCS		
		Analytical Date	02/27/2009 08:01		02/27/2009 08:02		
		Matrix	Water		Water		
EPA 375.4 Sulfate		**Units**	**Result**	**Spike Added**	**Result**	**% R**	**Control Limits % R**
14808-79-8	Sulfate	mg/L	<5.0	20.0	20.9	104	80 - 120
		RDL	5.0				

Analytical Batch	406909	Client ID	MW-11		696967MS		
Prep Batch	N/A	GCAL ID	20902194004		699212		
		Sample Type	SAMPLE		MS		
		Analytical Date	02/27/2009 08:02		02/27/2009 08:03		
		Matrix	Water		Water		
EPA 375.4 Sulfate		**Units**	**Result**	**Spike Added**	**Result**	**% R**	**Control Limits % R**
14808-79-8	Sulfate	mg/L	0.00	20.0	24.1	120	75 - 125
		RDL	5.0				

Analytical Batch	406909	Client ID	MW-12		696968MS		
Prep Batch	N/A	GCAL ID	20902194005		699213		
		Sample Type	SAMPLE		MS		
		Analytical Date	02/27/2009 08:04		02/27/2009 08:04		
		Matrix	Water		Water		
EPA 375.4 Sulfate		**Units**	**Result**	**Spike Added**	**Result**	**% R**	**Control Limits % R**
14808-79-8	Sulfate	mg/L	0.00	20.0	19.7	98	75 - 125
		RDL	5.0				

Analytical Batch	406909	Client ID	MW-11	696967DUP		
Prep Batch	N/A	GCAL ID	20902194004	699211		
		Sample Type	SAMPLE	DUP		
		Analytical Date	02/27/2009 08:02	02/27/2009 08:02		
		Matrix	Water	Water		
EPA 375.4 Sulfate		**Units**	**Result**	**Result**	**RPD**	**RPD Limit**
14808-79-8	Sulfate	mg/L	0.00	0.00	0	25
		RDL	5.0			

ATTACHMENT I

DATA FOR

FERROUS IRON ANALYSIS

Client:
Terry Environmental
PO Box 25
Summerville, SC 29484
Attn: Jason Terry

Project: Former Li'l Cricket #339

Analyte: Ferrous Iron by Colorimetry for RCRA

Analyst: AJ

Client Sample ID	Date Sampled	Result / Qualifier	Unit	RL	Dilution	Date / Time of Analysis
MW-14	2-17-09	ND	Mg/L	0.10	1.0	2-19-09@1325
DW-3	2-17-09	ND	Mg/L	0.10	1.0	2-19-09@1328
MW-13	2-17-09	ND	Mg/L	0.10	1.0	2-19-09@1331
DW-2	2-17-09	ND	Mg/L	0.10	1.0	2-19-09@1334
MW-16	2-17-09	2.2	Mg/L	0.10	1.0	2-19-09@1337
MW-17	2-16-09	2.4	Mg/L	0.10	1.0	2-19-09@1341
MW-19	2-17-09	2.8	Mg/L	0.10	1.0	2-19-09@1344
MW-18	2-16-09	2.5	Mg/L	0.10	1.0	2-19-09@1347
DW-1	2-17-09	0.2	Mg/L	0.10	1.0	2-19-09@1351
MW-20	2-17-09	0.6	Mg/L	0.10	1.0	2-19-09@1354
MW-12	2-17-09	ND	Mg/L	0.10	1.0	2-19-09@1357
MW-11	2-17-09	ND	Mg/L	0.10	1.0	2-19-09@1400
MW-15	2-17-09	0.4	Mg/L	0.10	1.0	2-19-09@1403

NOTE: Fe++ samples run at Access Analytical office. Samples analyzed using Hach Model IR-18C test kits.

Access Analytical - Chain of Custody Record

~~Fuby~~ Access/4565/20902194/0/2769

Project Submission #: _____ PO #: _____ Laboratory ID: ACA

Company Name: Terry Environmental Svc
Report To: Kelly Cone
Address: PO Box 25
City: Summerville State: SC Zip: 29484
Phone: 843 873 8200 Fax: 843 873 8765
Email: kcone@terryenvironmental.com
Project Name: 2170 C, Former Lil Cricket #339
Sampled By (print): Stephanie DeMar

Preservative (See codes below)

* REQUESTED LAB ANALYSIS: *

Sample Label	Date Collected	Time Collected	Matrix	# of Cont	BTEX, Naph, MTBE + 1,2 DCA	EDB	Lead	8 Oxygenated	Nitrates	Sulfates	Ferrous Iron	NOTES / COMMENTS
MW-3	2/16/09	1540	H_2O	7	X	X	X	X	X No			- slight petro odor 1
MW-5R	↓	1605	↓	↓	↓	↓	↓	↓	↓	↓	↓	2
MW-9	↓	1445	↓	↓	↓	↓	↓	↓	↓	↓	↓	- chemical odor 3
MW-11	2/17/09	1705	↓	11	↓	↓	↓	↓	X	X	X	4
MW-12	↓	1635	↓	↓	↓	↓	↓	↓	↓	↓	↓	5
MW-13	↓	1535	↓	↓	↓	↓	↓	↓	↓	↓	↓	- petro odor 6
MW-14	↓	1505	↓	↓	↓	↓	↓	↓	↓	↓	↓	7
MW-15	↓	1020	↓	↓	↓	↓	↓	↓	↓	↓	↓	- strong petro odor 8
MW-16	↓	1350	↓	↓	↓	↓	↓	↓	↓	↓	↓	- " " 9
MW-17	2/16/09	1735	↓	↓	↓	↓	↓	↓	↓	↓	↓	- " " 10

Turnaround Time:
✓ Std. (5-7 Bus. days)
___ RUSH*
*Date Required: 2/26/09
(For rush work, results faxed by end of business day on date required)

Samples Recd. on Ice?
✓ Yes
___ No

Project Location:
✓ SC
___ NC
___ Other ____ (specify)

Relinquished By:	Date:	Time:	Received By:
Stephanie DeMar	2/18/09	1515	
M. Robertson	2/18/09	1700	
Fedex	2-19-9	915	

ACCESS ANALYTICAL, INC.
7478 Carlisle Street
Irmo, SC 29063
Phone: (803) 781-4243
Fax: 781-4303
Toll Free (888) 315-4243
www.accessanalyticalinc.com

* Preservative Codes (place corresponding # in block above analysis field): 0=None, 1=HCL, 2=HNO_3, 3=H_2SO_4, 4=NaOH, 5=$Na_2S_2O_3$, 6=$NaHSO_4$, Other=Specify

Access Analytical, Inc.
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Access Analytical - Chain of Custody Record

Access/4565/20902/1940/2-26-9

Project Submission # _____ **PO #** _____ **Laboratory ID:** Lick

Company Name: Terry Environmental
Report To: Kelly Cone
Address: PO Box 25
City: Summerville State: SC Zip: 29484
Phone: 843 873 8200 Fax: 843 873 8765
Email: kcone@terryenvironmental.com
Project Name: 2170C, Former Li'l Cricket 339
Sampled By (print): Stephanie DeMar

Preservative: (*see codes below)

* Preservative Codes (*place corresponding # in block above analysis field*): 0=None, 1=HCL, 2=HNO_3, 3=H_2SO_4, 4=NaOH, 5=$Na_2S_2O_3$, 6=$NaHSO_4$, Other=Specify

ACCESS ANALYTICAL, INC.
7478 Carlisle Street
Irmo, SC 29063
Phone: (803) 781-4243
Fax: 781-4303
Toll Free (888) 315-4243
www.accessanalyticalinc.com

Sample Label	Date Collected	Time Collected	Matrix	# of Cont	BTEX, Naph, MTBE + 1,2 DCA	EDB	Lead	8 Oxygenates	Nitrates	Sulfates	Fe++ Mn++	NOTES / COMMENTS
MW-18	2/16/09	1655	H_2O	11	X	X	X	X	X	X	X	-petro odor 11
MW-19	2/17/09	0835										-strong petro odor 12
MW-20		1425										- " " 13
DW-1		1105										14
DW-2		1255										15
DW-3		0920										16

Turnaround Time:
✓ Std. (5-7 Bus. days)
___ RUSH*
*Date Required: 2/26/09
(For rush work, results faxed by end of business day on date required)

Samples Recd. on Ice?
✓ Yes
___ No

Project Location:
✓ SC
___ NC
___ Other_____ (specify)

Relinquished By:	Date:	Time:	Received By:
Stephanie DeMar	2/18/09	1515	
M. Robertson	2/18/09	1700	
Fedex	2-19-9	915	

Pg 2 of 2

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APPENDIX 8

Disposal Manifest
(Pending)

APPENDIX 9

Aquifer Calculations

SUMMARY of SLUG TEST

SOUTH CAROLINA
Department of Health and Environmental Control (DHEC)

Site Data

SITE ID# 07303 COUNTY: Oconee

FACILITY NAME: Li'l Cricket #339

Slug Data

See Appendix 9 Table _____ Figure _____ for a list of all data measurements.
(water level logs, etc.) (Complete as appropriate)
Water Level Recovery Data was measured by Pressure Transducer and Data logger
(Hermit Data Logger, Manually with Water Level Indicator, etc.) (List Method).

Complete the following table for each well tested.
COMPLETE A SECOND SHEET IF MORE THAN FOUR WELLS ARE TESTED.

Slug Test Conducted in well(s) number	MW-19	DW-3		
Initial Rise/Drawdown in well (feet) - Set as arbitrary reference point	2.408	1.994		
Radius of Well Casing (feet)	0.0833	0.0833		
Effective Radius of Well (feet)	0.25	0.25		
Static Saturated Aquifer Thickness (feet)	50	100		
Length of Well Screen (feet)	15	5		
Static Height of Water Column in Well (feet)	12.82	37.93		

Calculations

See Appendix 9 for calculations.

The method for aquifer calculations was Bouwer-Rice (i.e. Bouwer-Rice, Cooper, etc.)

Calculated values by well were as follows:

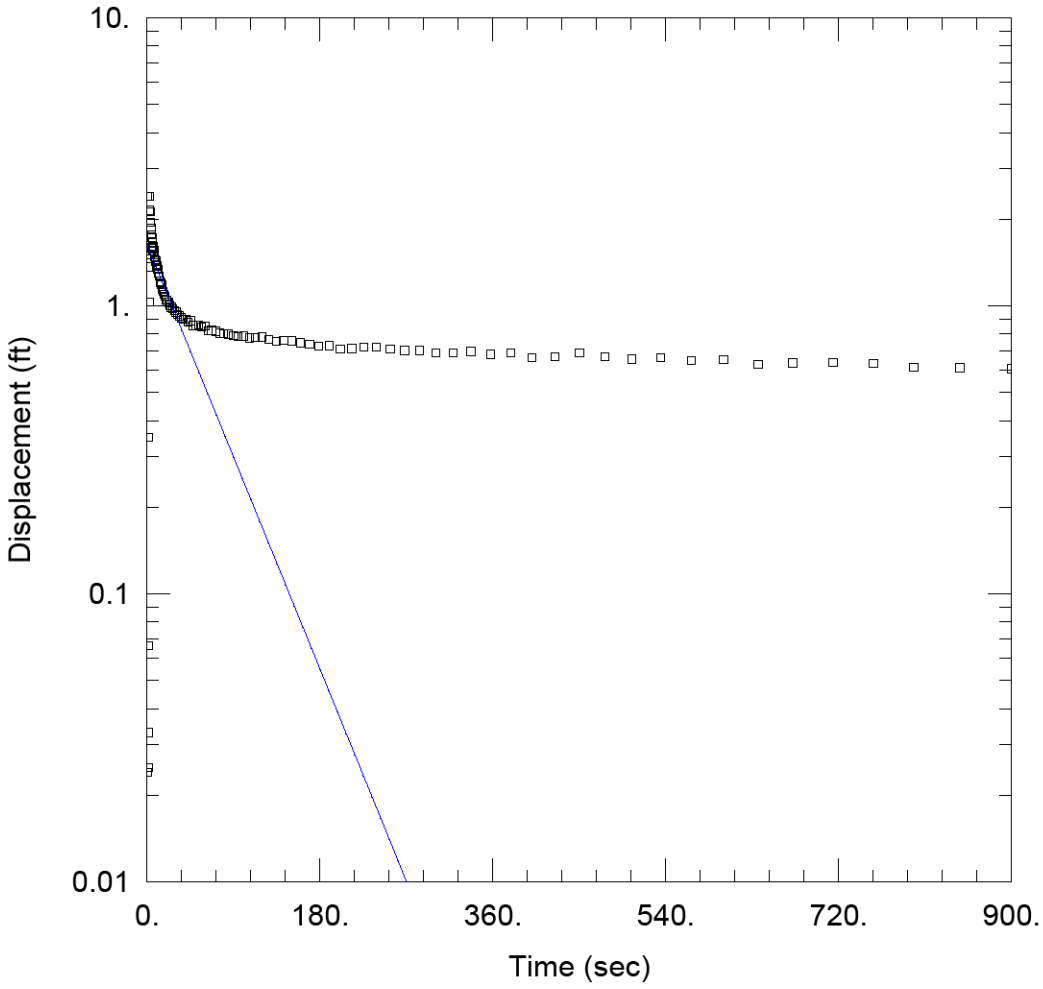
Slug Test Conducted in well(s) number	MW-19	DW-3	
Hydraulic Conductivity	1.37 ft/day	1.878 ft/day	

Thickness of the aquifer used to calculate hydraulic conductivity was 50 feet.

The aquifer is ___ confined ___ semi-confined _x_ water table
(Check as appropriate)

The estimated seepage velocity is 51.10 feet per year based on a hydraulic conductivity of 1.37 ft/day, a hydraulic gradient of 0.0459 ft/ft, and a porosity of 45 percent for Sandy Silt soil (list type i.e., silty sand, clay, etc...).

SUMMARY of SLUG TEST



SLUG TEST ANALYSIS

Data Set: \...\MW-19.aqt
Date: 03/09/09 Time: 17:05:54

PROJECT INFORMATION

Company: Terry Environmental Services
Client: Former Li'l Cricket #339
Project: 2170C
Location: Seneca
Test Well: MW-19
Test Date: 2/16/09

AQUIFER DATA

Saturated Thickness: 50. ft Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-19)

Initial Displacement: 2.408 ft Static Water Column Height: 12.82 ft
Total Well Penetration Depth: 53. ft Screen Length: 15. ft
Casing Radius: 0.0833 ft Well Radius: 0.0833 ft

SOLUTION

Aquifer Model: Unconfined Solution Method: Bouwer-Rice
K = 1.37 ft/day y0 = 1.619 ft

MW-19 2009-02-16 15.58.02

Report Date: 2/27/2009 2:31:03 PM
Report User Name: Randy
Report Computer Name: RANDY

Log File Properties:

File Name: MW-19 2009-02-16 15.58.02.wsl
Create Date: 2/16/2009 6:57:57 PM

Device Properties:

Device: Level TROLL® 700
Site: Lil` Cricket 339 2-16-09
Device Name:
Serial Number: 140774
Firmware Version: 2.07

Log Configuration

Log Name: MW-19
Created By: Unknown
Computer Name: Field PC
Application: WinSituMobile.exe
Application Version: 5.5.5.13
Create Date: 2/16/2009 4:52:21 PM
Notes Size(bytes): 4096
Type: True Logarithmic
Overwrite when full: Disabled
Scheduled Start Time: Manual Start
Scheduled Stop Time: No Stop Time
Max Interval: Days: 0 hrs: 00 mins: 15 secs: 00

Level Reference Settings At Log Creation

Level Measurement Mode: Depth
Specific Gravity: 0.999

Log Notes:

Date and Time	Note
2/16/2009 4:52:46 PM	Manual Start Command
2/16/2009 5:07:54 PM	Manual Stop Command

Log Data:

Record Count: 112

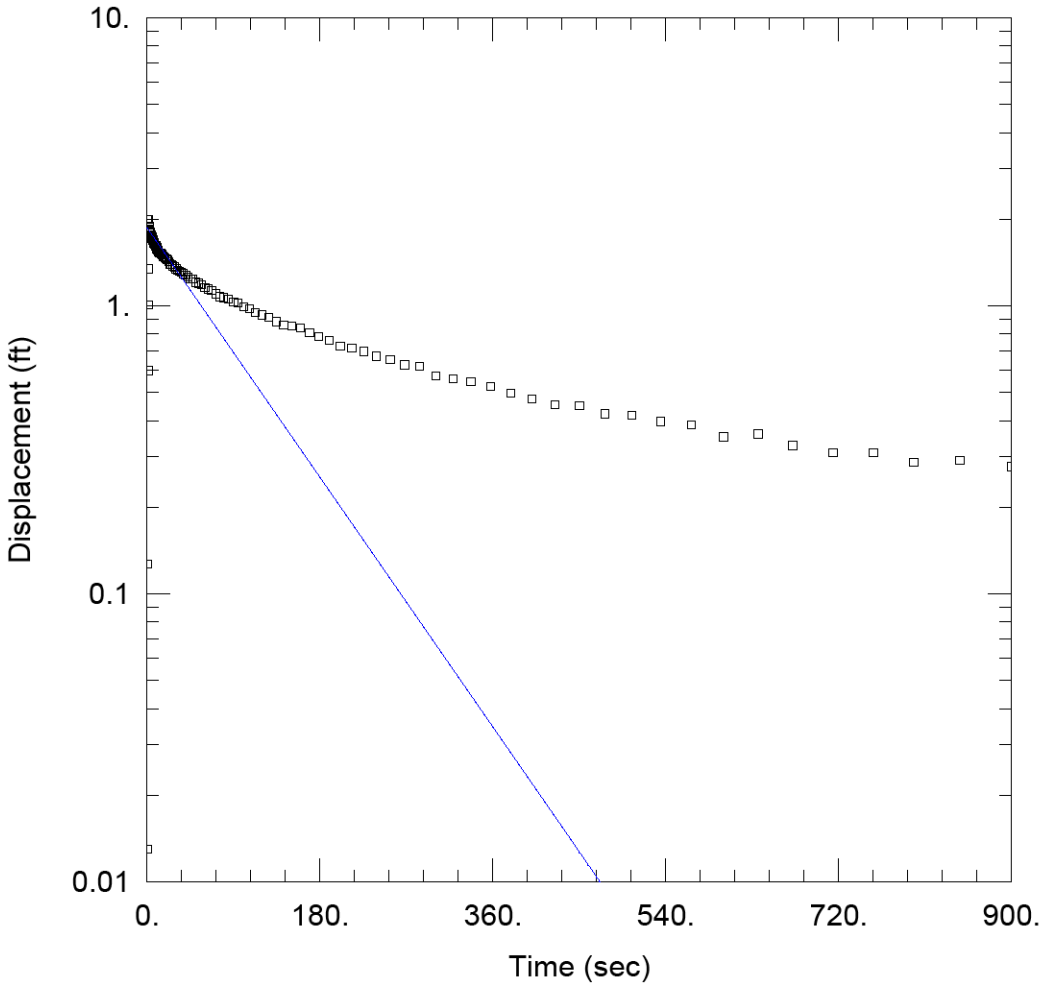
Date and Time	Elapsed Time Seconds	Sensor: Pres 231ft SN#: 140774 Pressure (PSI)	Sensor: Pres 231ft SN#: 140774 Depth (ft)
2/16/2009 4:52:46 PM	0.000	5.517	12.739
2/16/2009 4:52:47 PM	0.250	5.507	12.716

2/16/2009 4:52:47 PM	0.500	5.518	12.740
2/16/2009 4:52:47 PM	0.750	5.507	12.716
2/16/2009 4:52:47 PM	1.000	5.507	12.715
2/16/2009 4:52:48 PM	1.250	5.503	12.707
2/16/2009 4:52:48 PM	1.500	5.366	12.391
2/16/2009 4:52:48 PM	1.750	5.489	12.674
2/16/2009 4:52:48 PM	2.000	4.864	11.231
2/16/2009 4:52:49 PM	2.256	4.588	10.593
2/16/2009 4:52:49 PM	2.500	5.070	11.706
2/16/2009 4:52:49 PM	2.750	4.475	10.332
2/16/2009 4:52:49 PM	3.000	4.927	11.375
2/16/2009 4:52:50 PM	3.250	4.597	10.614
2/16/2009 4:52:50 PM	3.500	4.864	11.231
2/16/2009 4:52:50 PM	3.750	4.672	10.787
2/16/2009 4:52:50 PM	4.000	4.844	11.185
2/16/2009 4:52:51 PM	4.250	4.713	10.881
2/16/2009 4:52:51 PM	4.500	4.827	11.144
2/16/2009 4:52:51 PM	4.750	4.753	10.974
2/16/2009 4:52:51 PM	5.000	4.832	11.156
2/16/2009 4:52:52 PM	5.250	4.770	11.014
2/16/2009 4:52:52 PM	5.500	4.828	11.149
2/16/2009 4:52:52 PM	5.750	4.795	11.072
2/16/2009 4:52:52 PM	6.000	4.843	11.182
2/16/2009 4:52:53 PM	6.360	4.846	11.190
2/16/2009 4:52:53 PM	6.720	4.822	11.134
2/16/2009 4:52:54 PM	7.140	4.844	11.185
2/16/2009 4:52:54 PM	7.560	4.867	11.237
2/16/2009 4:52:54 PM	7.980	4.876	11.258
2/16/2009 4:52:55 PM	8.460	4.891	11.294
2/16/2009 4:52:55 PM	9.000	4.897	11.308
2/16/2009 4:52:56 PM	9.480	4.914	11.345
2/16/2009 4:52:56 PM	10.080	4.921	

	11.363		
2/16/2009 4:52:57 PM		10.680	4.935
	11.395		
2/16/2009 4:52:58 PM		11.280	4.938
	11.403		
2/16/2009 4:52:58 PM		11.940	4.954
	11.439		
2/16/2009 4:52:59 PM		12.660	4.968
	11.470		
2/16/2009 4:53:00 PM		13.440	4.991
	11.523		
2/16/2009 4:53:01 PM		14.220	4.996
	11.535		
2/16/2009 4:53:01 PM		15.060	5.005
	11.557		
2/16/2009 4:53:02 PM		15.960	5.024
	11.600		
2/16/2009 4:53:03 PM		16.920	5.031
	11.617		
2/16/2009 4:53:04 PM		17.880	5.042
	11.641		
2/16/2009 4:53:05 PM		18.960	5.049
	11.658		
2/16/2009 4:53:06 PM		20.100	5.063
	11.690		
2/16/2009 4:53:08 PM		21.300	5.069
	11.705		
2/16/2009 4:53:09 PM		22.560	5.072
	11.711		
2/16/2009 4:53:10 PM		23.880	5.083
	11.736		
2/16/2009 4:53:12 PM		25.320	5.089
	11.750		
2/16/2009 4:53:13 PM		26.820	5.094
	11.762		
2/16/2009 4:53:15 PM		28.380	5.101
	11.777		
2/16/2009 4:53:16 PM		30.060	5.105
	11.788		
2/16/2009 4:53:18 PM		31.860	5.113
	11.805		
2/16/2009 4:53:20 PM		33.720	5.118
	11.817		
2/16/2009 4:53:22 PM		35.760	5.123
	11.830		
2/16/2009 4:53:24 PM		37.860	5.128
	11.840		
2/16/2009 4:53:26 PM		40.080	5.129
	11.843		
2/16/2009 4:53:29 PM		42.480	5.138
	11.862		
2/16/2009 4:53:31 PM		45.000	5.133
	11.852		
2/16/2009 4:53:34 PM		47.640	5.147
	11.884		
2/16/2009 4:53:37 PM		50.468	5.147
	11.885		
2/16/2009 4:53:40 PM		53.460	5.146
	11.882		
2/16/2009 4:53:43 PM		56.640	5.152
	11.895		
2/16/2009 4:53:46 PM		60.000	5.148
	11.886		

2/16/2009 4:53:50 PM	63.600	5.162
11.919		
2/16/2009 4:53:54 PM	67.200	5.161
11.916		
2/16/2009 4:53:58 PM	71.400	5.164
11.924		
2/16/2009 4:54:02 PM	75.600	5.169
11.936		
2/16/2009 4:54:06 PM	79.800	5.171
11.940		
2/16/2009 4:54:11 PM	84.600	5.172
11.941		
2/16/2009 4:54:16 PM	90.000	5.175
11.949		
2/16/2009 4:54:21 PM	94.800	5.178
11.956		
2/16/2009 4:54:27 PM	100.800	5.177
11.954		
2/16/2009 4:54:33 PM	106.800	5.182
11.966		
2/16/2009 4:54:39 PM	112.800	5.181
11.962		
2/16/2009 4:54:46 PM	119.400	5.180
11.959		
2/16/2009 4:54:53 PM	126.600	5.187
11.976		
2/16/2009 4:55:01 PM	134.400	5.191
11.987		
2/16/2009 4:55:09 PM	142.200	5.188
11.980		
2/16/2009 4:55:17 PM	150.600	5.190
11.984		
2/16/2009 4:55:26 PM	159.600	5.195
11.995		
2/16/2009 4:55:36 PM	169.200	5.199
12.005		
2/16/2009 4:55:45 PM	178.800	5.204
12.015		
2/16/2009 4:55:56 PM	189.600	5.202
12.012		
2/16/2009 4:56:07 PM	201.000	5.210
12.030		
2/16/2009 4:56:19 PM	213.000	5.210
12.029		
2/16/2009 4:56:32 PM	225.600	5.207
12.022		
2/16/2009 4:56:45 PM	238.800	5.207
12.022		
2/16/2009 4:57:00 PM	253.200	5.211
12.032		
2/16/2009 4:57:15 PM	268.200	5.214
12.039		
2/16/2009 4:57:30 PM	283.800	5.215
12.040		
2/16/2009 4:57:47 PM	300.600	5.220
12.052		
2/16/2009 4:58:05 PM	318.600	5.220
12.054		
2/16/2009 4:58:24 PM	337.200	5.216
12.044		
2/16/2009 4:58:44 PM	357.600	5.223
12.060		
2/16/2009 4:59:05 PM	378.600	5.220

	12.052		
2/16/2009 4:59:27 PM		400.800	5.231
	12.078		
2/16/2009 4:59:51 PM		424.800	5.230
	12.075		
2/16/2009 5:00:16 PM		450.000	5.219
	12.051		
2/16/2009 5:00:43 PM		476.400	5.229
	12.074		
2/16/2009 5:01:11 PM		504.600	5.234
	12.086		
2/16/2009 5:01:41 PM		534.600	5.231
	12.077		
2/16/2009 5:02:13 PM		566.400	5.238
	12.093		
2/16/2009 5:02:46 PM		600.000	5.235
	12.087		
2/16/2009 5:03:22 PM		636.000	5.246
	12.112		
2/16/2009 5:03:58 PM		672.000	5.243
	12.106		
2/16/2009 5:04:40 PM		714.000	5.242
	12.103		
2/16/2009 5:05:22 PM		756.000	5.243
	12.107		
2/16/2009 5:06:04 PM		798.000	5.252
	12.126		
2/16/2009 5:06:52 PM		846.000	5.253
	12.129		
2/16/2009 5:07:46 PM		899.999	5.255
	12.134		



SLUG TEST ANALYSIS

Data Set: \...\DW-3.aqt
Date: 03/09/09 Time: 16:54:08

PROJECT INFORMATION

Company: Terry Environmental Services
Client: Former Li'l Cricket #339
Project: 2170C
Location: Seneca
Test Well: DW-3
Test Date: 2/16/09

AQUIFER DATA

Saturated Thickness: 100. ft Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (DW-3)

Initial Displacement: 1.994 ft
Total Well Penetration Depth: 80. ft
Casing Radius: 0.0833 ft
Static Water Column Height: 37.93 ft
Screen Length: 5. ft
Well Radius: 0.0833 ft

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice

K = 1.878 ft/day
y0 = 1.859 ft

DW-3 2009-02-16 15.57.48

Report Date: 2/27/2009 2:25:21 PM
Report User Name: Randy
Report Computer Name: RANDY

Log File Properties:

File Name: DW-3 2009-02-16 15.57.48.wsl
Create Date: 2/16/2009 6:57:45 PM

Device Properties:

Device: Level TROLL® 700
Site: Lil` Cricket 339 2-16-09
Device Name:
Serial Number: 140774
Firmware Version: 2.07

Log Configuration

Log Name: DW-3
Created By: Unknown
Computer Name: Field PC
Application: WinSituMobile.exe
Application Version: 5.5.5.13
Create Date: 2/16/2009 5:25:28 PM
Notes Size(bytes): 4096
Type: True Logarithmic
Overwrite when full: Disabled
Scheduled Start Time: Manual Start
Scheduled Stop Time: No Stop Time
Max Interval: Days: 0 hrs: 00 mins: 15 secs: 00

Level Reference Settings At Log Creation

Level Measurement Mode: Depth
Specific Gravity: 0.999

Log Notes:

Date and Time	Note
2/16/2009 5:26:20 PM	Manual Start Command
2/16/2009 5:41:30 PM	Manual Stop Command

Log Data:

Record Count: 112

Date and Time	Elapsed Time Seconds	Sensor: Pres 231ft SN#: 140774 Pressure (PSI)	Sensor: Pres 231ft SN#: 140774 Depth (ft)
2/16/2009 5:26:20 PM	0.000	16.109	37.194
2/16/2009 5:26:20 PM	0.251	16.094	37.159

2/16/2009 5:26:21 PM	0.544	16.099	37.172
2/16/2009 5:26:21 PM	0.769	16.044	37.045
2/16/2009 5:26:21 PM	1.001	15.841	36.576
2/16/2009 5:26:21 PM	1.251	15.661	36.161
2/16/2009 5:26:21 PM	1.501	15.515	35.825
2/16/2009 5:26:22 PM	1.751	15.235	35.178
2/16/2009 5:26:22 PM	2.001	15.281	35.284
2/16/2009 5:26:22 PM	2.251	15.299	35.325
2/16/2009 5:26:22 PM	2.501	15.308	35.345
2/16/2009 5:26:23 PM	2.751	15.312	35.356
2/16/2009 5:26:23 PM	3.001	15.320	35.373
2/16/2009 5:26:23 PM	3.251	15.323	35.381
2/16/2009 5:26:23 PM	3.501	15.337	35.414
2/16/2009 5:26:24 PM	3.751	15.337	35.414
2/16/2009 5:26:24 PM	4.001	15.337	35.413
2/16/2009 5:26:24 PM	4.251	15.341	35.421
2/16/2009 5:26:24 PM	4.501	15.345	35.431
2/16/2009 5:26:25 PM	4.751	15.350	35.443
2/16/2009 5:26:25 PM	5.001	15.348	35.439
2/16/2009 5:26:25 PM	5.251	15.358	35.461
2/16/2009 5:26:25 PM	5.501	15.365	35.478
2/16/2009 5:26:26 PM	5.751	15.361	35.469
2/16/2009 5:26:26 PM	6.001	15.365	35.477
2/16/2009 5:26:26 PM	6.361	15.372	35.494
2/16/2009 5:26:27 PM	6.721	15.382	35.517
2/16/2009 5:26:27 PM	7.141	15.383	35.519
2/16/2009 5:26:28 PM	7.561	15.379	35.510
2/16/2009 5:26:28 PM	7.981	15.391	35.537
2/16/2009 5:26:28 PM	8.461	15.396	35.548
2/16/2009 5:26:29 PM	9.001	15.399	35.556
2/16/2009 5:26:29 PM	9.481	15.415	35.592
2/16/2009 5:26:30 PM	10.081	15.408	

35.577		
2/16/2009 5:26:31 PM	10.681	15.415
35.594		
2/16/2009 5:26:31 PM	11.281	15.422
35.609		
2/16/2009 5:26:32 PM	11.941	15.429
35.626		
2/16/2009 5:26:33 PM	12.661	15.438
35.645		
2/16/2009 5:26:33 PM	13.441	15.438
35.645		
2/16/2009 5:26:34 PM	14.221	15.437
35.644		
2/16/2009 5:26:35 PM	15.061	15.442
35.655		
2/16/2009 5:26:36 PM	15.961	15.448
35.670		
2/16/2009 5:26:37 PM	16.921	15.455
35.685		
2/16/2009 5:26:38 PM	17.881	15.458
35.692		
2/16/2009 5:26:39 PM	18.961	15.464
35.706		
2/16/2009 5:26:40 PM	20.101	15.468
35.716		
2/16/2009 5:26:41 PM	21.301	15.473
35.726		
2/16/2009 5:26:43 PM	22.561	15.483
35.750		
2/16/2009 5:26:44 PM	23.881	15.493
35.774		
2/16/2009 5:26:45 PM	25.321	15.494
35.776		
2/16/2009 5:26:47 PM	26.821	15.502
35.794		
2/16/2009 5:26:48 PM	28.381	15.507
35.806		
2/16/2009 5:26:50 PM	30.061	15.516
35.827		
2/16/2009 5:26:52 PM	31.861	15.524
35.844		
2/16/2009 5:26:54 PM	33.721	15.526
35.850		
2/16/2009 5:26:56 PM	35.761	15.531
35.861		
2/16/2009 5:26:58 PM	37.861	15.538
35.876		
2/16/2009 5:27:00 PM	40.080	15.543
35.889		
2/16/2009 5:27:02 PM	42.481	15.554
35.914		
2/16/2009 5:27:05 PM	45.001	15.560
35.928		
2/16/2009 5:27:08 PM	47.641	15.560
35.928		
2/16/2009 5:27:10 PM	50.461	15.576
35.965		
2/16/2009 5:27:13 PM	53.461	15.580
35.973		
2/16/2009 5:27:17 PM	56.641	15.586
35.988		
2/16/2009 5:27:20 PM	60.001	15.598
36.016		

2/16/2009 5:27:24 PM	63.601	15.603	36.026
2/16/2009 5:27:27 PM	67.201	15.609	36.042
2/16/2009 5:27:31 PM	71.401	15.621	36.069
2/16/2009 5:27:36 PM	75.601	15.632	36.095
2/16/2009 5:27:40 PM	79.801	15.636	36.102
2/16/2009 5:27:45 PM	84.601	15.641	36.115
2/16/2009 5:27:50 PM	90.000	15.651	36.137
2/16/2009 5:27:55 PM	94.801	15.656	36.149
2/16/2009 5:28:01 PM	100.800	15.668	36.178
2/16/2009 5:28:07 PM	106.801	15.676	36.194
2/16/2009 5:28:13 PM	112.800	15.688	36.223
2/16/2009 5:28:19 PM	119.401	15.696	36.241
2/16/2009 5:28:27 PM	126.601	15.703	36.258
2/16/2009 5:28:34 PM	134.401	15.717	36.289
2/16/2009 5:28:42 PM	142.201	15.727	36.312
2/16/2009 5:28:51 PM	150.601	15.729	36.318
2/16/2009 5:29:00 PM	159.601	15.736	36.334
2/16/2009 5:29:09 PM	169.201	15.749	36.364
2/16/2009 5:29:19 PM	178.801	15.760	36.389
2/16/2009 5:29:30 PM	189.601	15.770	36.412
2/16/2009 5:29:41 PM	201.001	15.784	36.446
2/16/2009 5:29:53 PM	213.001	15.790	36.459
2/16/2009 5:30:06 PM	225.601	15.797	36.476
2/16/2009 5:30:19 PM	238.801	15.809	36.502
2/16/2009 5:30:33 PM	253.201	15.817	36.521
2/16/2009 5:30:48 PM	268.201	15.828	36.547
2/16/2009 5:31:04 PM	283.800	15.831	36.554
2/16/2009 5:31:21 PM	300.601	15.851	36.599
2/16/2009 5:31:39 PM	318.601	15.857	36.614
2/16/2009 5:31:57 PM	337.201	15.862	36.625
2/16/2009 5:32:18 PM	357.601	15.871	36.646
2/16/2009 5:32:39 PM	378.601	15.883	

	36.673		
2/16/2009 5:33:01 PM		400.800	15.893
	36.697		
2/16/2009 5:33:25 PM		424.800	15.902
	36.718		
2/16/2009 5:33:50 PM		450.001	15.904
	36.722		
2/16/2009 5:34:16 PM		476.401	15.916
	36.750		
2/16/2009 5:34:45 PM		504.601	15.918
	36.754		
2/16/2009 5:35:15 PM		534.601	15.927
	36.775		
2/16/2009 5:35:46 PM		566.401	15.931
	36.785		
2/16/2009 5:36:20 PM		600.000	15.947
	36.821		
2/16/2009 5:36:56 PM		636.000	15.944
	36.813		
2/16/2009 5:37:32 PM		672.000	15.957
	36.844		
2/16/2009 5:38:14 PM		714.000	15.965
	36.863		
2/16/2009 5:38:56 PM		756.000	15.965
	36.863		
2/16/2009 5:39:38 PM		798.000	15.975
	36.886		
2/16/2009 5:40:26 PM		846.000	15.973
	36.881		
2/16/2009 5:41:20 PM		900.000	15.979
	36.895		

APPENDIX 10

Proposal

ASSESSMENT PLAN

SOUTH CAROLINA
Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Site ID # 07303 Facility Name Former Li'l Cricket #339

Site Maps

1. Attach a copy of the relevant portion of the USGS topographic map showing the site location.

2. Prepare a site base map. This map must be accurately scaled, but does not need to be surveyed. The map must include the following:

North	Legend with facility name and address, Site ID number, date, and a bar scale
Location of property lines	Streets or highways (indicate names and numbers)
Location of buildings	Identification of located buildings
Paved areas on or adjacent to site	Locations of all present and former ASTs and USTs
Previous soil sampling locations	Underground and above ground utilities on or adjacent to site
Previous monitoring well locations	Locations of any other potential receptor

Aquifer Characterization (Check one an provide explanation for choice)

Pump Test _____ Slug Tests _____

Slug tests performed during previous assessment.

Small Volume Disposal Type and Method

Soil

Soil cuttings will be containerized within 55 gallon drums and disposed of properly.

Purge Water

Purge water will be containerized within 55 gallon drums and disposed of properly.

Additional Comments An AFVR Event should be performed on MW-10 to remove product.

ASSESSMENT PLAN

SOUTH CAROLINA
Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Site ID # 07303 County Oconee Facility Name Former Li'l Cricket #339
Facility Address 800 West North First Street, Seneca, SC
Responsible party Li'l Cricket Food Stores Address PO Box 4551, Spartanburg, SC
No. USTs 6 removed? Yes, Feb. 2000 & 2004 (date) replaced ? No (date)
Current use of facility/property Commercial property – vacant diner
Current property owner name Thomas H. Glenn
Current property owner address unknown

Field Screening Methodology
Specify the field screening methodology to be used. The use of field screening methods to optimize the number and location of permanent wells is required.
Due to auger refusal and bedrock encountered during the Tier I and Tier II drilling activities, TERRY proposes that permanent monitoring well locations be discussed and confirmed with the SCDHEC Project Manager without the aid of groundwater field delineation data.

Permanent Monitoring wells (Estimate number and total completed depth)
# of shall wells 18 (~55' each) total depth 990'
# of deep wells 2 – 80'/ 5 – 120' total depth 760' (if necessary)
Comments, if warranted Based on previous site activities, an air rig will be needed for monitoring well installation.

Analyses BTEX, Naphthalene, MTBE
List the analytical parameters (e.g., BTEX MTBE) and estimated number.
Groundwater:
42 – BTEX, Naphthalene, MTBE, 1,2-DCA
42 – EDB
42 – Lead
42 – Oxygenates
25 – Sulfates (New MW)
25 – Ferrous Iron (New MW)
25 – Nitrates (New MW)

Implementation Schedule
Start up date Upon Approval Completion date 90 Days from Approval
Report submittal date 90 Days from Approval

ASSESSMENT COMPONENT INVOICE
SOUTH CAROLINA
Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
State Underground Petroleum Environmental Response Bank Account

Facility Name Former Li'l Cricket #339
UST Permit # 07303 Cost Agreement #

	ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
1	Plan*				
	A. Plan Preparation		X	$100.00	
	B. Tax Maps		X	$50.00	
2	Receptor Survey*		X	$500.00	
3	Comprehensive Survey		X	$1,000.00	
4	Mob/Demob				
	A. Equipment - 9, 23	2	X	$575.00	$1,150.00
	B. Personnel - 9, 10, 17, 23	4	each	$290.00	$1,160.00
	C. Adverse Terrain Vehicle		X	$575.00	
5	Soil Borings (hand auger)*		feet X	$14.00	
6	Soil Borings(drilled) & Field Screening		feet X	$17.00	
7	Soil Leachability Model		each X	$200.00	
8	Abandonment*		feet X	$4.00	
9	Well Installation *				
	A. Water Table (hand auger)		feet X	$20.00	
	B. Water Table (drilled)		feet X	$38.00	
	C. Telescoping	760	feet X	$58.00	$44,080.00
	D. Rock Drilling	990	feet X	$58.00	$57,420.00
10	Groundwater Sample collection*				
	A. Groundwater	29	samples X	$55.00	$1,595.00
	B. Air Vapor		samples X	$90.00	
	C. Water Supply		samples X	$25.00	
	D. Groundwater No Purge	13	samples X	$35.00	$455.00
	E. Gauge Well Only		per well X	$20.00	
11	Analyses-Groundwater	(See Analytical Methodology for analyses)			
	A. BTEX + Napth. + MTBE	42	samples X	$100.00	$4,200.00
	BB. 1,2-DCA	42	samples X	$10.75	$451.50
	C. BTEX+naph.+MTBE Trimethylbenzene		samples X	$135.00	
	D. PAH's		samples X	$120.00	
	E. Lead	42	samples X	$20.00	$840.00
	F. EDB	42	samples X	$55.00	$2,310.00
	G. 8 RCRA Metals		samples X	$140.00	
	H. TPH (9070)		samples X	$55.00	
	I. pH		samples X	$10.00	
	J. BOD		samples X	$40.00	
	K. Nitrate	25	samples X	$20.00	$500.00
	L. Sulfate	25	samples X	$20.00	$500.00
	M. Ferrous Iron	25	samples X	$20.00	$500.00
	N. Methane		samples X	$110.00	
	O. Organic Lead		samples X	$100.00	
	P. 8 Oxygenates	42	samples X	$85.00	$3,570.00

Continued on second page

11	Analyses-Soils				
	Q. BTEX + Napth.		samples X	$100.00	
	R. PAH's		samples X	$120.00	
	S. 8 RCRA Metals		samples X	$150.00	
	T. TPH (9071)		samples X	$60.00	
	U. TPH (3550B/8015B)		samples X	$65.00	
	V. TPH (5030B/8015B)		samples X	$65.00	
	W. Grain size / hydrometer		samples X	$75.00	
	X. Total Organic Carbon		samples X	$35.00	
11	Analyses-Air				
	Y. BTEX + Naph.		samples X	$100.00	
	Z. Hydrocarbon Fuel Identification		samples X	$593.00	
12	Aquifer Characterization*				
	A. Pumping Test		hours X	$120.00	
	B. Slug Test		tests X	$150.00	
13	Free Product Recovery Rate Test*		tests X	$120.00	
14	Fate/Transport Modeling				
	A. Mathematical Model		each	$300.00	
	B. Computer Model		each	$500.00	
15	Risk Evaluation				
	A. Tier I Risk Evaluation		X	$300.00	
	B. Tier II Risk Evaluation		X	$500.00	
16	Subsequent Survey*		X	$260.00	
17	Disposal*				
	A. Wastewater				
	1. Purging/Sampling	10	drums X	$90.00	$900.00
	2. Pumping Test/EFR	1,000	gallons X	$0.60	$600.00
	B. Free Product		drums X	$110.00	
	C. Soil (Treatment/Disposal)	100	tons X	$50.00	$5,000.00
18	Miscellaneous (attach receipts)		X		
20	Tier I Assessment (Use DHEC 3665 form)				
21	IGWA (Use DHEC 3666 form)				
22	Corrective Action (Use DHEC 3687 form)				
23	EFR A. 8-hour Event*	1	each X	$3,000.00	$3,000.00
	B. Additional Hour		per hour X	$204.00	
	C. Off-gas treatment	8	per hour X	$35.00	$280.00
24	Granulated Activated Carbon (GAC)				
	filter system installation & service:				
	A. New GAC System Installation*		each X	$2,500.00	
	B. Refurbished GAC Sys. Install*		each X	$850.00	
	C. Filter replacement/removal*		each X	$450.00	
	D. GAC System removal, cleaning,				
	& refurbishment*		each X	$450.00	
	E. GAC System housing		each X	$450.00	
	F. In-line particulate filter		each X	$140.00	
	G. Additional piping & fittings		feet X	$4.00	
19	Report/Project Management & Coordination	$128,511.50	X	15%	$19,276.73
25	Total				$147,788.23

* The appropriate mobilization cost can be added to complete these tasks, as necessary.

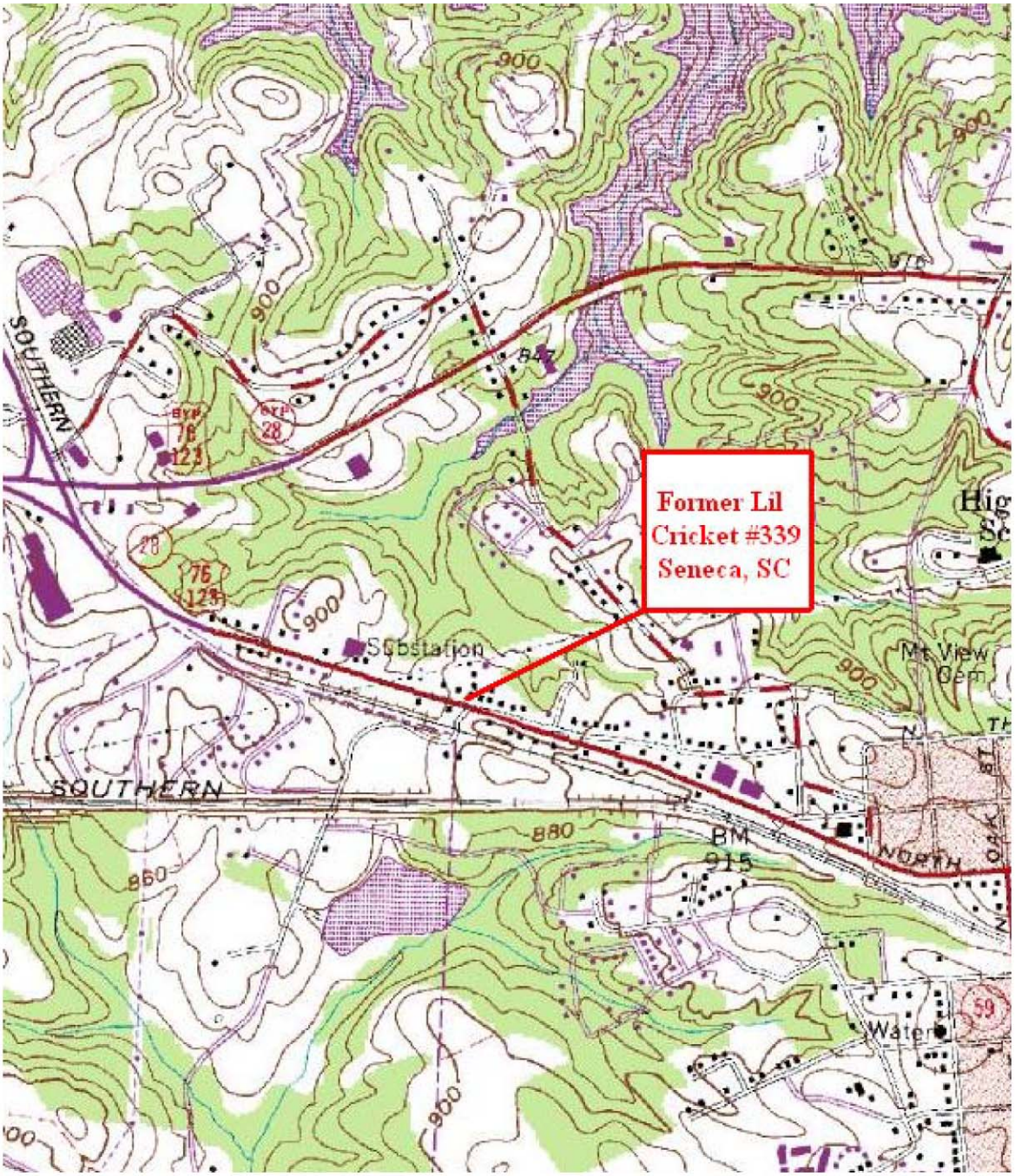


FIGURE 1
SITE LOCATION (USGS)

Former Li'l Cricket
800 West North First Street
Seneca, South Carolina

TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

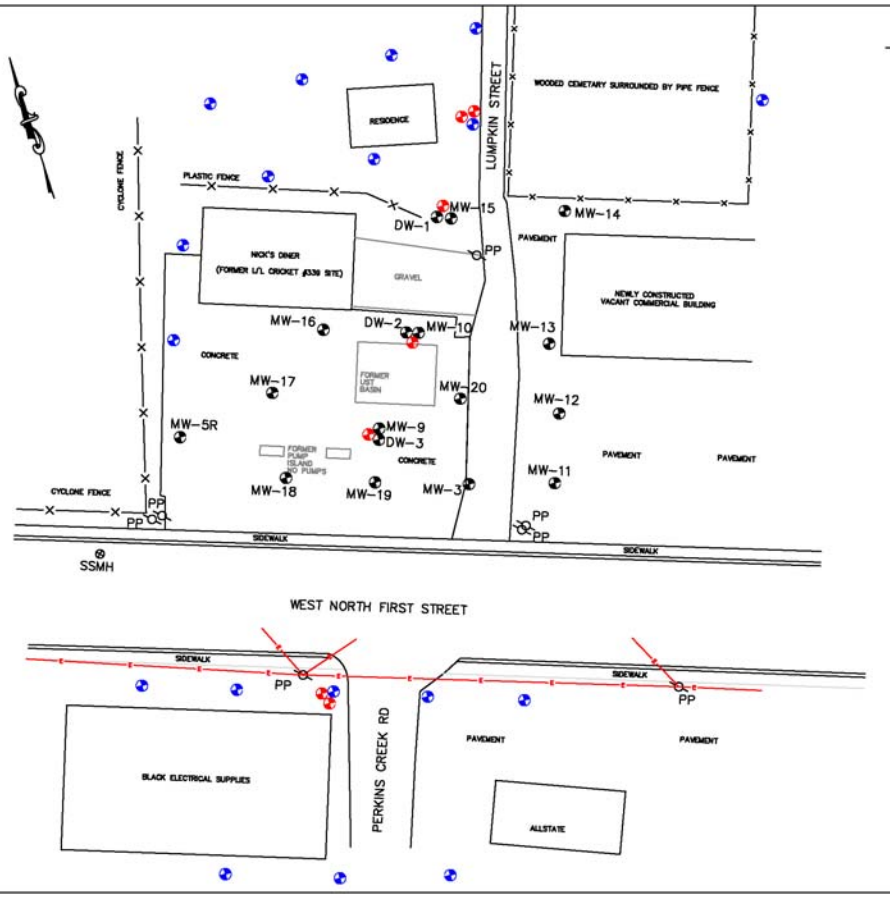
... providing our clients with the best services available, actually understanding our clients objectives, and making their obectives our own!

PO Box 25
Summerville, South Carolina 29484
(800) 325-0605 (843)-873-8200 fax: (843)-873-8765

SIZE	TERRY Project No.	DWG NO.	REV
B	2170C	Figure 1 Site Location	

SCALE: NOT TO SCALE

DATE: MARCH 2009



LEGEND AND ABBREVIATIONS:

- MW = MONITORING WELL
- SSMH = SANITARY SEWER MAN HOLE
- PP = POWER POLE
- UST = UNDERGROUND STORAGE TANK
- —X— = FENCE
- —E— = OVERHEAD POWER LINE

- PROPOSED SHALLOW MONITORING WELL
- PROPOSED DEEP MONITORING WELL

GRAPHIC SCALE (FT)

0 30 60 90

TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

FIGURE 2
PROPOSAL MAP

Former L/l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170C	07303
SCALE 1" = 30'	DATE MARCH 2009

UST Permit 07303

38189

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of 1

3. Emergency Response Phone 800-922-9173

4. Waste Tracking Number 29475

5. Generator's Name and Mailing Address
Lil Cricket Food Stores
c/o Terry Env., PO Box 25
Summerville, SC 29484
Generator's Phone: 843 873-8200

Generator's Site Address (if different than mailing address)
Former Li'l Cricket #339
800 North East First St.
Seneca, SC 29678

6. Transporter 1 Company Name
AED Environmental Services (SC), LLC

U.S. EPA ID Number
SCD 987598331

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
VLS - Mauldin
305 South Main St.
Mauldin, SC 29662
Facility's Phone: 864-962-9953

U.S. EPA ID Number
SCD007762468

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Hazardous/Non-Regulated Material Soil cuttings Profile # 8439 1020-0771	004	DM	36600	P
2.	Non-Hazardous/Non-Regulated Material Well water Profile # 8440 1020-0773	003	DM	1350	P
3.					
4.					

13. Special Handling Instructions and Additional Information
Job # 2009-226 (88115) Contact at Terry Env.: Kelly Cone 843-873-8200
PO#12069

UST MAR 26 2009 PROGRAM

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: Kelly K Cone as agent for Lil cricket
Signature: K Cone
Month 03 Day 11 Year 09

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Cory Reavis
Signature
Transporter 2 Printed/Typed Name
Signature: Cory Reavis
Month 3 Day 12 Year 2009

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
17b. Alternate Facility (or Generator) Manifest Reference Number:
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year

UST DOCKET 9700

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name
Signature
Month Day Year

GENERATOR | TRANSPORTER | INTL | DESIGNATED FACILITY

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY'S COPY

TERRY ENVIRONMENTAL SERVICES

...providing our Clients with the highest quality environmental services available, actually understanding our Clients' objectives, and making their objectives our own!

UST
MAR 2 6 2009
PROGRAM

TRANSMITTAL LETTER

TO:	ART SHRADER	FROM: Kelly Cone	
COMPANY:	SCDHEC – UST SECTION	DATE: MARCH 25, 2009	
CONTENTS:	DISPOSAL MANIFEST	PROJECT NUMBER: 2170C	

☐ URGENT ☐ FOR REVIEW ☐ PLEASE COMMENT ☐ PLEASE REPLY ☐ PLEASE RECYCLE

NOTES/COMMENTS:

Dear Mr. Shrader,

Please find the enclosed disposal manifest to complete Appendix 8 of the Tier II Assessment Report dated March 2009 for the former Li'l Cricket #339 site, UST Permit #07303, CA #34419.

Please give me a call if you have any questions or concerns.

Sincerely,

Kelly Cone
Project Manager

P.O. BOX 25 SUMMERVILLE, SC 29484 (843) 873-8200 - (843) 873-8765 (FAX)
1-800-325-0605

D H E C

PROMOTE PROTECT PROSPER

C. Earl Hunter, Commissioner

Promoting and protecting the health of the public and the environment.

MAR 3 1 2009

MR TERRY L LENMAN
LIL CRICKET CONVENIENCE STORES INC
PO BOX 4551
SPARTANBURG SC 29305-4551

UST DOCKET 101

Re: Tier II Assessment Report Directive
Former Li'l Cricket #339, 800 North West First Street, Seneca, SC
UST Permit # 07303; CA # 35711; MWA # UMW-22667
Release Reported April 27, 1989
Tier II Assessment and Assessment Plan received March 12, 2009
Oconee County

Dear Mr. Lenman:

The Underground Storage Tank (UST) Program of the South Carolina Department of Health and Environmental Control (SCDHEC) recognizes your commitment to continue work at this site utilizing your own contractor, Terry Environmental, Incorporated. The UST Program agrees with your site rehabilitation contractor that an Aggressive Fluid and Vapor Recovery (AFVR) event should be conducted on monitoring well MW-10 and additional monitoring wells installed to define petroleum Chemicals of Concern (CoC) at the referenced facility.

Assessment activities at the site should begin immediately upon receipt of this letter. Cost agreement 35711 has been approved in the amount shown on the enclosed cost agreement form for an Assessment and AFVR event on monitoring well MW-10. Please be advised that since the vertical and horizontal extent of chemicals of concern is not fully defined by the Tier II Report the Department will not approve additional future mobilizations for additional screening or well installation. Monitoring wells approval has been provided to your site rehabilitation contractor. A copy of the monitoring well approval is enclosed for your records. Assessment activities should be in accordance with the Tier II Guidance document and appendices a copy is available on line at our website at http://www.scdhec.gov/environment/lwm/html/ust_guidance_docs.htm.

The Tier II Assessment and AFVR Report and invoice are due within 90 days from the date of this letter. The soil sample exhibiting the highest volatile organic value above the saturated zone for each new monitoring well should be sent for laboratory analyses. Monitoring wells should be sampled approximately 30 days after the completion of the AFVR event. As the existing monitoring well network was sampled on February 16, 2009 the wells do not need to be resampled at this time. Groundwater samples from the twenty five new monitoring wells associated with this release should be collected and analyzed for BTEX, naphthalene, MtBE, EDB, and 1,2 DCA. Soil and groundwater samples should be analyzed in accordance with *Analytical Methodology for Soil and Groundwater Assessment for Petroleum Releases dated* June 24, 2005. A copy of this publication is available on line at http://www.scdhec.gov/eqc/lwm /forms/analmetpdf.

Terry Environmental Services, Incorporated can submit an invoice for direct billing from the State Underground Petroleum Environmental Response Bank (SUPERB) Account for approved costs. An interim well drilling invoice may be submitted for well installation. If the invoice is not submitted within

120 days from the date of this letter, monies allocated to pay this invoice will be uncommitted. This means that the invoice will not be processed for payment until all other committed funds are paid or monies become available. Please note, if unnecessary dilutions are completed resulting in reporting limits of individual Chemicals of Concern (CoC) in excess of Risk-Based Screening Levels (RBSLs), the data cannot be used. In those cases, the Program may deny payment for any non-detect analysis where the reporting limit exceeds the RBSL. The UST Program encourages the use of 'J' values as necessary so the appropriate action can be determined for a release.

Beginning in 2009, the UST Program will begin requiring that laboratories be certified through the SCDHEC Office of Environmental Laboratory Certification for the oxygenate compounds. The UST Program will require that laboratories submit the application for certification no later than December 31, 2008. Beginning April 1, 2009, the UST Program will no longer reimburse costs for oxygenate analysis for any laboratory that is not certified. Detailed information regarding the oxygenate certification can be found on the UST Guidance Documents webpage. (http://www.scdhec.net/environment/lwm/forms/Oxygenate Certification.pdf). Any laboratory with questions regarding the certification requirements, should contact the Office of Environmental Laboratory Certification at (803) 896-0970. Please be advised that all applicable South Carolina certification requirements apply to the laboratory services, well installation, and report preparation. All site rehabilitation activities must be performed and submitted by a South Carolina Certified Underground Storage Tank Site Rehabilitation Contractor.

Please note that you and/or your contractor are responsible for obtaining all off-site access agreements and/or encroachment permits necessary for this scope of work.

The Department grants pre-approval for transportation of virgin petroleum impacted soil and groundwater from the referenced site to a permitted treatment facility. There can be no spillage or leakage in transport. All investigation-derived waste (IDW) must be properly contained and labeled prior to disposal. IDW should not be stored on-site longer than ninety (90) days. A copy of the disposal manifest and/or acceptance letter from the receiving facility that clearly designates the quantity received must be included as an appendix to the report. If the CoC concentrations, based on laboratory analysis, are below Risk Based Screening Levels (RBSLs), please contact the project manager for approval to dispose of soil and/or groundwater on site. The SUPERB Account will not reimburse for transportation or treatment of soil and/or groundwater with concentrations below RBSLs.

On all correspondence regarding this site, please reference UST Permit number 07303. Should you have any questions regarding this correspondence, please feel free to contact me at (803) 896-6669, fax me at (803) 896-6245, or e-mail me at shradeaa@dhec.sc.gov.

Sincerely,

Arthur Shrader, Hydrogeologist
Assessment Section
Assessment and Corrective Action Division
Bureau of Land and Waste Management

enc: Approved Cost Agreement (ACA)
Monitoring Well Approval (MWA)

cc: Mr. Glenn, 800 North West First Street, Seneca, SC 29678 (without enc.)
Terry Environmental Services, Inc., PO Box 25, Summerville, SC 29484 (with enc.)
Technical file (with enc.)

D H E C

PROMOTE PROTECT PROSPER

C. Earl Hunter, Commissioner

Promoting and protecting the health of the public and the environment.

Monitoring Well Approval

Approval is hereby granted to:	Terry Environmental Services, Incorporated
(On behalf of):	Lil Cricket Food Stores Incorporated
Facility:	Li'l Cricket #339, 800 North West First Street, Seneca, SC
UST Permit Number:	07303
County:	Oconee

This approval is for the installation of eighteen shallow and seven deep pit cased groundwater-monitoring wells. The monitoring wells are to be installed in the approved locations. The monitoring wells are to be installed following the South Carolina Well Standards, R.61-71, and the applicable guidance documents.

Please note that R.61-71 requires the following:

1. All wells shall be drilled, constructed, and abandoned by a South Carolina certified well driller per R.61-71.D.1.

2. All monitoring wells shall be labeled as required by R.61-71.H.2.c.

3. A Water Well Record Form or other form provided or approved by the Department shall be completed and submitted to the Department within 30 days after well completion or abandonment unless another schedule has been approved by the Department. The form should contain the "as-built" construction details and all other information required by R.61-71.H.1.f

4. All analytical data and water levels obtained from each monitoring well shall be submitted to the Department within 30 days of receipt of laboratory results unless another schedule has been approved by the Department as required by R.61-71.H.1.d.

5. If any of the information provided to the Department changes, notification to Arthur Shrader (tel: (803) 896-6669 or e-mail: shradeaa@dhec.sc.gov) shall be provided a minimum of twenty-four (24) hours prior to well construction as required by R.61-71.H.1.a.

6. All temporary monitoring wells shall be abandoned within 5 days of borehole completion using appropriate methods as required by R.61-71.H.4.c. All other wells shall be properly developed per R.61-71.H.2.d.

7. Departmental approval is required prior to abandonment of all monitoring wells as required by R.61-71.H.1.a.

This approval is pursuant to the provisions of Section 44-55-40 of the 1976 South Carolina Code of Laws and R.61-71 of the South Carolina Well Standards and Regulations, dated April 26, 2002. A copy of this approval should be on the site during well installation.

Date of Issuance: **March 19, 2009** **Approval #:** **UMW-22667**

Arthur Shrader Hydrogeologist
Assessment Section
Division of Assessment and Corrective Action
Bureau of Land and Waste Management

Approved Cost Agreement 35711

Facility: 07303 LIL CRICKET 339

SHRADEAA

PO Number:

Task / Description	Categories	Item Description	Qty / Pct	Unit Price	Amount
01 PLAN					
		A PLAN PREPARATION	1.0000	100.00	100.00
04 MOB/DEMOB					
		A EQUIPMENT	1.0000	575.00	575.00
		B PERSONNEL	4.0000	290.00	1,160.00
09 WELL INSTALLATION					
		C TELESCOPING	760.0000	58.00	44,080.00
		D ROCK DRILLING	990.0000	58.00	57,420.00
10 SAMPLE COLLECTION					
		A GROUND WATER	25.0000	55.00	1,375.00
11 ANALYSES					
	GW GROUNDWATER	A BTEX+NAPTH+MTBE	25.0000	100.00	2,500.00
		BB 1,2-DCA	25.0000	10.75	268.75
		F EDB	25.0000	55.00	1,375.00
	SOIL SOIL	Q BTEX+NAPTH	25.0000	100.00	2,500.00
17 DISPOSAL					
		A1 WASTEWATER - PURGING/SAMPLING	5.0000	90.00	450.00
		A2 WASTEWATER - PUMPING TEST	1,000.0000	0.60	600.00
		C SOIL (TREATMENT/DISPOSAL)	100.0000	50.00	5,000.00
19 RPT/PROJECT MNGT & COORDINATIO					
		PCT PERCENT	0.1500	120,683.75	18,102.56
23 EFR					
		A 8 HOUR EVENT	1.0000	3,000.00	3,000.00
		C OFF GAS TREATMENT	8.0000	35.00	280.00
			Total Amount		138,786.31

MONITORING WELL INSTALLATION, AFVR, AND GROUNDWATER SAMPLING REPORT

FORMER LI'L CRICKET #339
800 WEST NORTH FIRST STREET
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
CA #35711

Prepared For:

SCDHEC UNDERGROUND STORAGE TANK PROGRAM
2600 BULL ST.
COLUMBIA, SC 29201

Submitted By:

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. BOX 25
SUMMERVILLE, SOUTH CAROLINA 29484
(843) 873-8200
Fax (843) 873-8765
www.terryenvironmental.com

UST CONTRACTOR #223
TERRY PROJECT #2170D

Kelly K. Cone
Project Manager

Jason A. Terry, P.G.
President

JULY 2009

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1.0 INTRODUCTION

TERRY Environmental Services, Inc. (TERRY) has been contracted by Li'l Cricket Food Stores to serve as the environmental contractor for the Former Li'l Cricket #339 Site, South Carolina Department of Health and Environmental Control (SCDHEC) UST Permit #07303. The site is located at 800 West North First Street, Seneca, South Carolina (Appendix 1, Figure 1). The site is bordered to the north by residential property, to the east by commercial property, to the south by West North First Street, and to the west by a Duke Power substation. Further to the south across West North First Street are commercial properties. A detailed site map originating from a comprehensive survey completed by Jay S. Joshi (SC Registered Land Surveyor #14811) of Construction Support Services, Inc. on October 8, 2008 is provided in Appendix 1 as Figure 2.

The purpose of this assessment is to further horizontally and vertically delineate the chemicals of concern (CoC) associated with the product release at the Former Li'l Cricket #339 Site and to monitor the concentration and migration of the contaminant plume. The report presented herein documents an AFVR Event on monitoring well MW-10, the installation of eighteen (18) shallow and five (5) telescoping monitoring wells, the subsequent survey, and the subsequent groundwater sampling event of the newly installed monitoring wells.

2.0 SITE SPECIFIC ASSESSMENT INFORMATION

2.1 Aggressive Fluid Vapor Recovery Event

On May 7, 2009 TERRY personnel gauged MW-10 prior to the AFVR event and measured 0.24 feet of free-phase product. Prior to initiating the vacuum recovery event on monitoring well MW-10, depth to groundwater was measured at 43.38 feet and depth to product was measured at 43.14 feet from the TOC.

A one inch diameter PVC drop tube was placed in the recovery well to a depth of approximately 6 inches below the measured groundwater table. The stinger pipe was sealed to the monitoring well casing at the surface and connected to the tanker truck. Vacuum readings at the well head of MW-10 averaged 14.6 inches of mercury (in Hg) throughout the 8-hour event. Measurements of the vapor emissions exiting the stack of the vacuum truck were taken at thirty minute intervals throughout the event. These measurements include vacuum, temperature, velocity, humidity, and volatile organic compound concentrations in parts per million. Off-gas treatment was provided during the event as directed by the SCDHEC Project Manager.

Upon completion of the AFVR event, MW-10 was gauged and no free-phase product was detected. The final depth to groundwater reading from the TOC was 46.33 feet in MW-10. A total of 50 gallons of liquid were recovered during the event. In addition, 1.49 pounds of gasoline vapors (approximate equivalent of 0.24 gallons of gasoline) were recovered as emissions during the course of the AFVR event. The effluent vapors were processed on-site through a vapor phase granular activated carbon (GAC) unit before being released into the atmosphere.

Water table drawdown and influence vacuum were measured in MW-13, MW-15, MW-16, and MW-20 over the course of the AFVR event. The maximum observed water table drawdown was measured in MW-20 at 0.02 feet. No measurable vacuum influence was observed during the eight-hour AFVR event. The groundwater drawdown measurements and distance from the recovery well MW-10 were analyzed using a linear regression to determine that the estimated radius of groundwater influence (cone of depression) created during this event was 40 feet. Based on no measurable vacuum readings during the eight-hour AFVR event, the approximate radius of vacuum influence is assumed to be less than 32 feet.

All data associated with the AFVR event including Emission Calculations and the Disposal Manifest are provided in Appendix 3. An AFVR Event Map indicating the recovery well and the wells used to monitor the effectiveness of the AFVR Event is provided in Appendix 1 as Figure 3.

2.2 Well Installation

Eighteen (18) shallow monitoring wells (MW-21 through MW-38) and five (5) deep monitoring wells (DW-5, -6, -7, -9, -10) were installed and developed June 1 through June 17, 2009. The outer casings for DW-4A and DW-8A were installed in bedrock to a total depth of 110 feet below ground surface (bgs) on June 1 and June 2, 2009, respectively. The borings were subsequently drilled out to a total depth of 175 feet bgs in stages over the course of the drilling event. No fractures were encountered in the formation between 110 feet and 175 feet bgs in borings DW-4A and DW-8A. The SCDHEC project manager was consulted throughout the drilling event and it was decided on the final day of drilling to abandon the borings based on the lack of fractures and no water production. Well Construction Logs are provided in Appendix 4.

During well installation, soil samples were collected from each new well at five (5) foot intervals and field screened with a PID. The soil sample from each boring that exhibited the highest concentration above the water table during the field screen was submitted to the laboratory for analysis. If the level of contamination for all depths were equal, the deepest sample collected above the water table was submitted for analysis. The Soil Analytical Data are provided in Appendix 1 on Figure 4, in Appendix 2 on Table 1, and in Appendix 5. A Geologic Transects Map is provided in Appendix 1 as Figure 5, and the associated Geologic Cross Sections (A-A' and B-B') are provided in Appendix 1 as Figures 6A and 6B, respectively. Soil cuttings were initially stored in 55-gallon drums onsite pending analytical results from the sampling event.

2.3 Sampling Event & Piezometric Data

TERRY sampled the site on June 22 and June 23, 2009. The samples were submitted to Access Analytical, Inc. (SCDHEC certified laboratory #73006) for analyses. This does not represent the entire monitoring well network at the site but rather the newly installed wells as directed by the SCDHEC in the letter dated March 31, 2009. Just prior to the sampling event, the newly installed monitoring wells were gauged with an oil/water interface probe to determine depth to groundwater measurements and the presence or absence of free-phase petroleum. Depth to groundwater measurements were taken with reference to the top of well casing (TOC) and converted to elevations by subtracting the depth to groundwater measurements from the TOC elevations. The TOC elevation benchmark was adjusted from 100 feet to 150 feet to allow for the newly installed deep wells with water levels greater than 100 feet below the TOC. Piezometric data are provided in Appendix 2 as Table 2 and on the Well Sampling Logs provided in Appendix 6. Piezometric contours were created using the piezometric data and linear interpolation between known groundwater elevations. The resulting Groundwater Contour Map is included in Appendix 1 as Figure 7. Based on the piezometric data, groundwater flow is northeast. Well development and purge water were initially stored in 55-gallon drums onsite pending analytical results from the sampling event.

2.4 Groundwater Analytical Results

The Groundwater analytical data are provided in Appendix 2 as Table 3 and also in Appendix 7. The analytical data were used to generate a contaminant concentration map for COC's detected by the laboratory and the map is provided in Appendix 1 as Figure 8. The analytical results for shallow monitoring wells MW-24, MW-25, MW-26, MW-27, and MW-29 indicate levels of contamination for one or more CoC's above the SCDHEC Risk Based Screening Levels (RBSL's). The results for shallow monitoring wells MW-28 and MW-30 and deep monitoring wells DW-5, DW-7, and DW-9 indicate that CoC's were detected; however, the levels reported are below RBSL's. The analytical results indicate that the groundwater contamination is migrating in the general direction of groundwater flow toward the adjacent properties located to the north.

Based on field observations, field screening and the laboratory analytical results from the sampling event, sixty-five soil and rock cuttings drums were spread on an adjacent property with the permission of the property owner and three drums of well development and purge water were released on site. The remaining contaminated soil cuttings, well development, and well purge water were disposed of by A&D Environmental Services, LLC on June 29, 2009. The Disposal Manifests are included in Appendix 8.

3.0 CONCLUSIONS AND RECOMMENDATIONS

3.1 Conclusions

The following conclusions can be made based on the available data:

- COC impacted groundwater is present outside the source zone and the migration of the CoC's is in the general direction of groundwater flow toward the adjacent properties located to the north.
- During this assessment, the contaminant plume was not defined horizontally to the north-northwest due to the presence of power lines and the Duke Energy substation.
- An attempt was made during this scope of work to gain access to the adjacent property located to the west and northwest. The property is owned by Duke Power and access was denied based on safety and security issues due to the property containing an electrical substation.
- Further assessment is required west of MW-26 and MW-29 and to the north-northwest of MW-24 and MW-25 to define the horizontal boundary of the contaminant plume. However, based on site conditions, additional well installations will most likely require a right-to-enter agreement with the owner of the wooded area located to the north of the subject site. Drilling in this area would require an all-terrain rig as well as clearing to obtain access to the area. These areas may not be accessible to an air rotary drill rig which will be needed if bedrock is encountered above the groundwater table.

3.2 Recommendations

Based on the aforementioned conclusions, TERRY recommends:

- Conducting an AFVR Event on MW-10 to continue removal of the free-phase and dissolved product.
- A comprehensive groundwater sampling event to monitor both the concentrations and the migration of the contaminant plume and to confirm the effectiveness of the AFVR event.

A cost proposal for the above recommendations is provided in Appendix 9.

APPENDIX 1

Figures

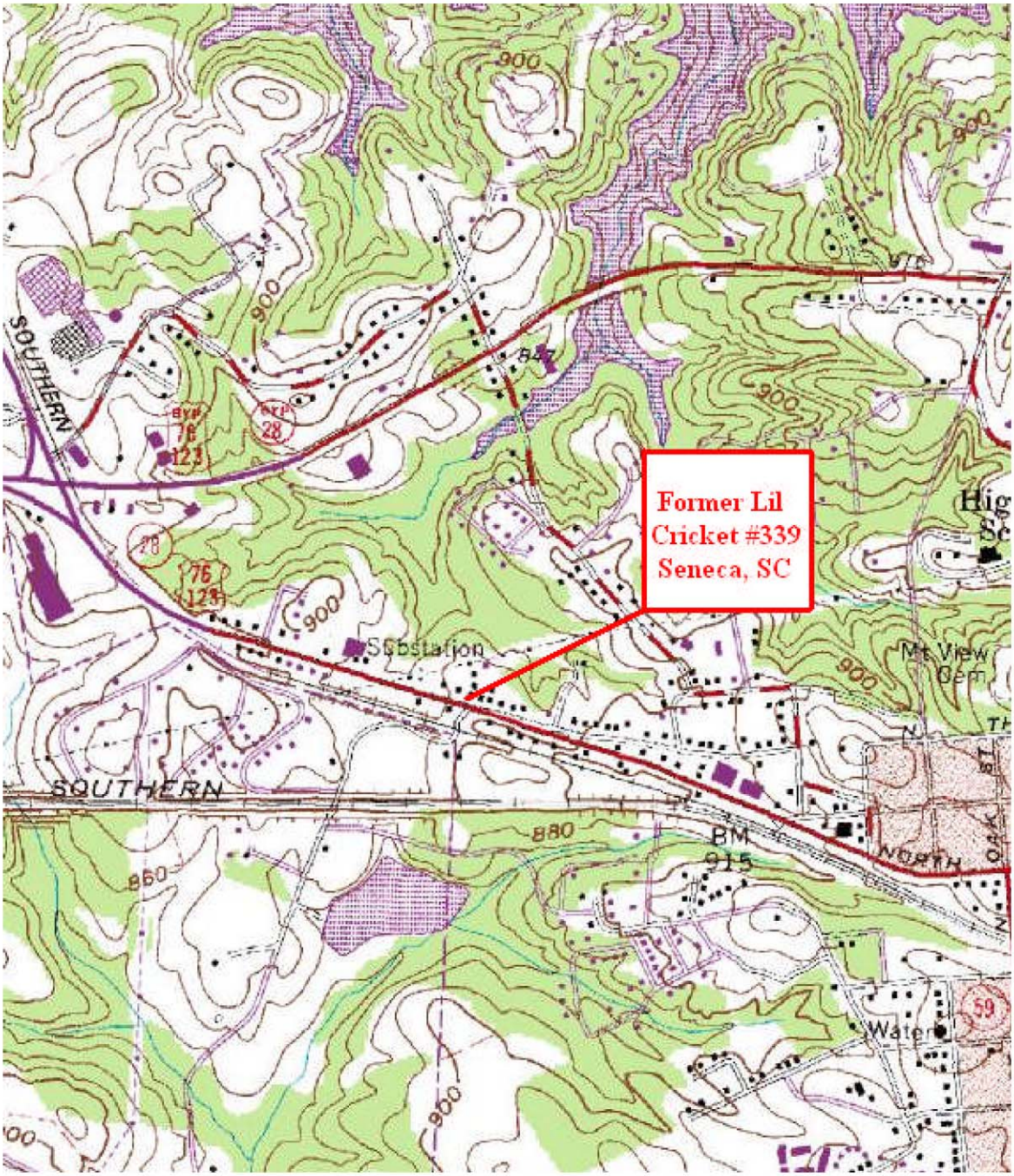

FIGURE 1
SITE LOCATION (USGS)

Former Li'l Cricket #339
800 West North First Street
Seneca, South Carolina

TERRY ENVIRONMENTAL SERVICES
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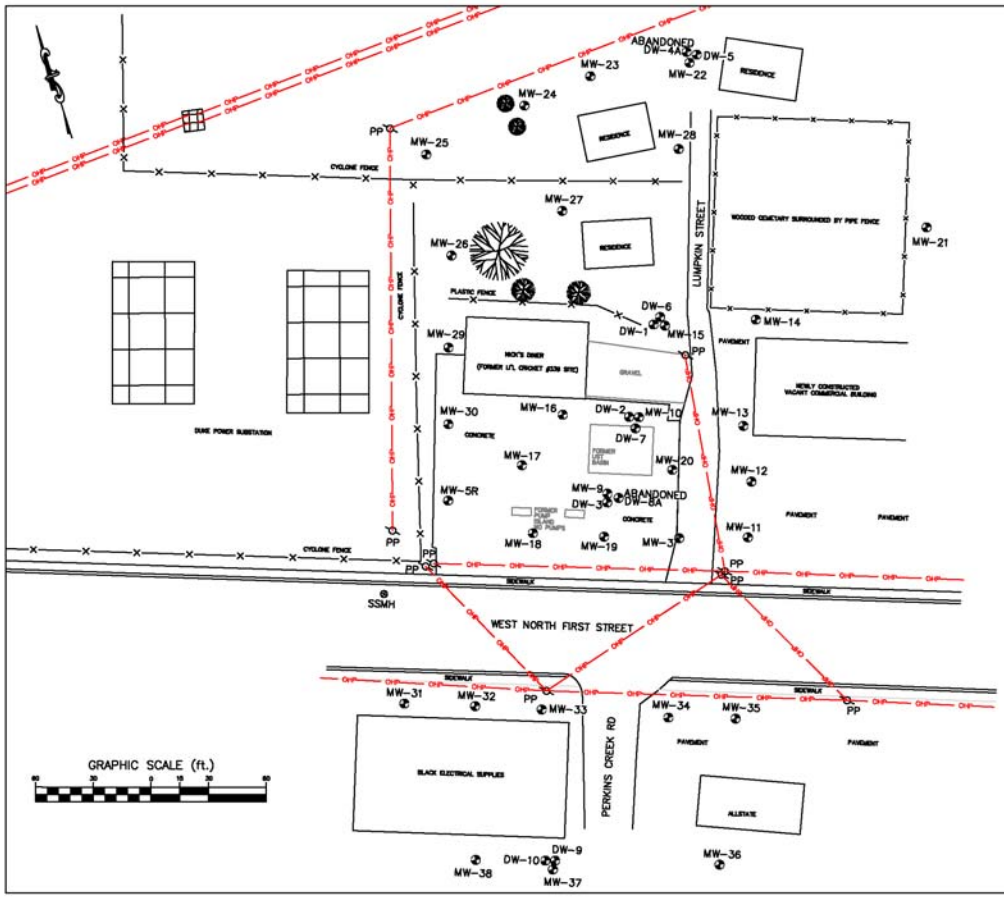
PO Box 25
Summerville, South Carolina 29484
(800) 325-0605 (843)-873-8200 fax: (843)-873-8765

SIZE	TERRY Project No.	DWG NO.	REV
B	2170D	Figure 1 Site Location	

SCALE: NOT TO SCALE

DATE: JULY 2009



LEGEND AND ABBREVIATIONS:

- MW = MONITORING WELL
- SSMH = SANITARY SEWER MAN HOLE
- PP = POWER POLE
- UST = UNDERGROUND STORAGE TANK
- —X— = FENCE
- —OHP— = OVERHEAD POWER LINE

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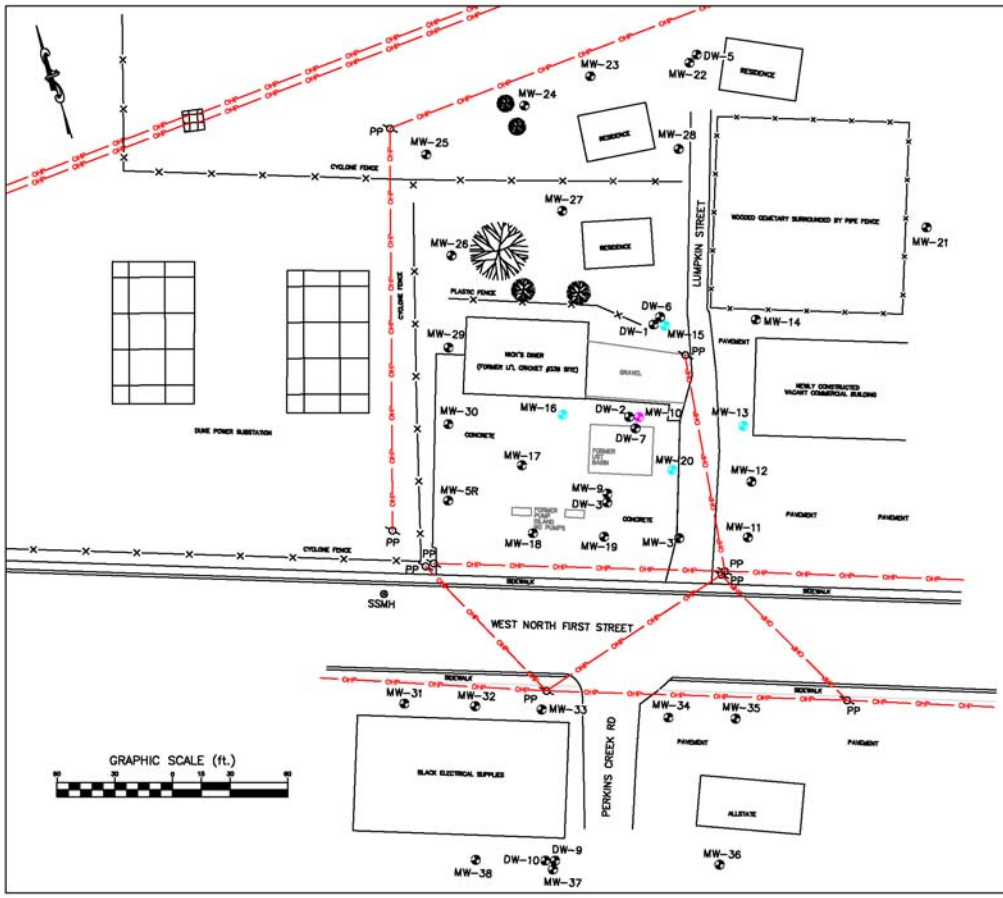
FIGURE 2
SITE MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170D	07303
SCALE 1" = 50'	DATE JULY 2009



LEGEND AND ABBREVIATIONS:

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- SSMH = SANITARY SEWER MAN HOLE
- PP = POWER POLE
- UST = UNDERGROUND STORAGE TANK
- —X— = FENCE
- —OHP— = OVERHEAD POWER LINE
- AFVR RECOVERY WELL
- WELLS MONITORED DURING AFVR EVENT

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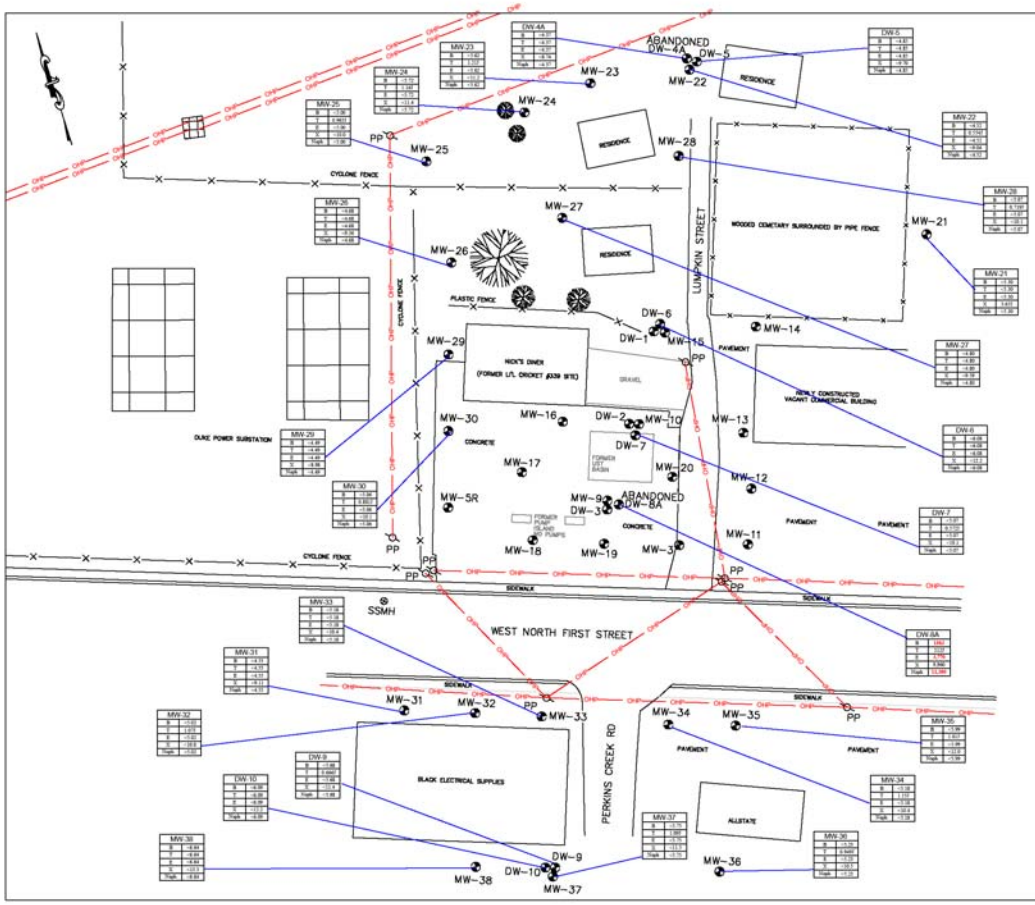
FIGURE 3
AFVR EVENT MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170D	07303
SCALE 1" = 50'	DATE JULY 2009



LEGEND AND ABBREVIATIONS:

- MW = MONITORING WELL
- SSMH = SANITARY SEWER MAN HOLE
- PP = POWER POLE
- UST = UNDERGROUND STORAGE TANK
- —X— = FENCE
- —OHP— = OVERHEAD POWER LINE

B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylene (Total)
M = Tert-Butyl Methyl Ether
Naph = Naphthalene

All concentrations are in ug/L

RED indicates contaminants are above RBSL's

Data were collected between June 1 & June 17, 2009

GRAPHIC SCALE (ft.)

60 30 0 15 30 60

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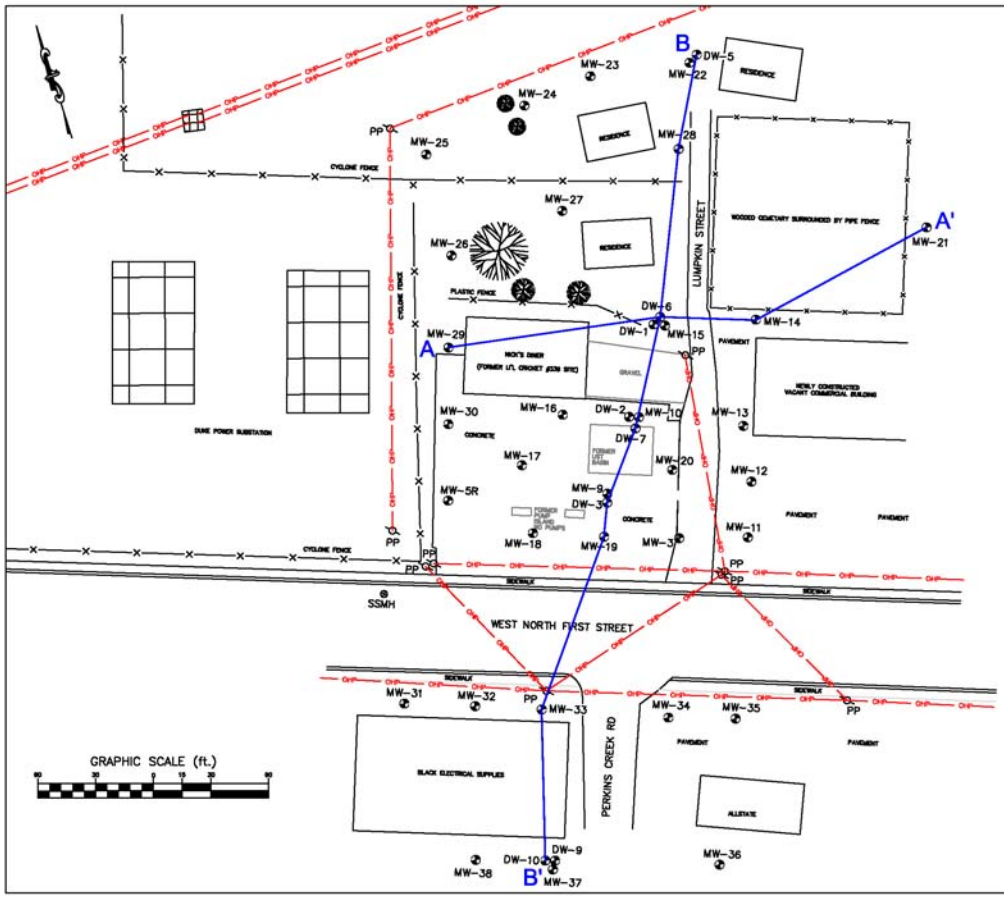
FIGURE 4
SOIL ANALYTICAL MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170D	07303
SCALE 1" = 50'	DATE JULY 2009



LEGEND AND ABBREVIATIONS:

- MW = MONITORING WELL
- SSMH = SANITARY SEWER MAN HOLE
- PP = POWER POLE
- UST = UNDERGROUND STORAGE TANK
- —X— = FENCE
- —OHP— = OVERHEAD POWER LINE

TERRY ENVIRONMENTAL SERVICES
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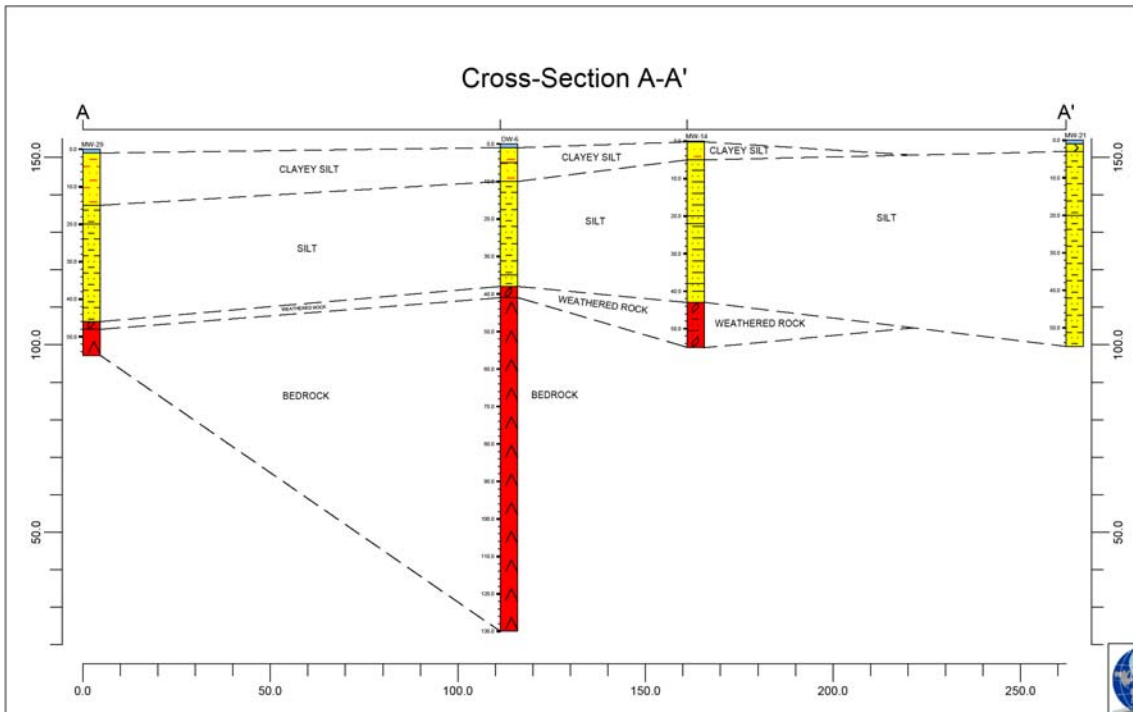
FIGURE 5
GEOLOGIC TRANSECTS MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170D	07303
SCALE 1" = 50'	DATE JULY 2009



TERRY ENVIRONMENTAL SERVICES
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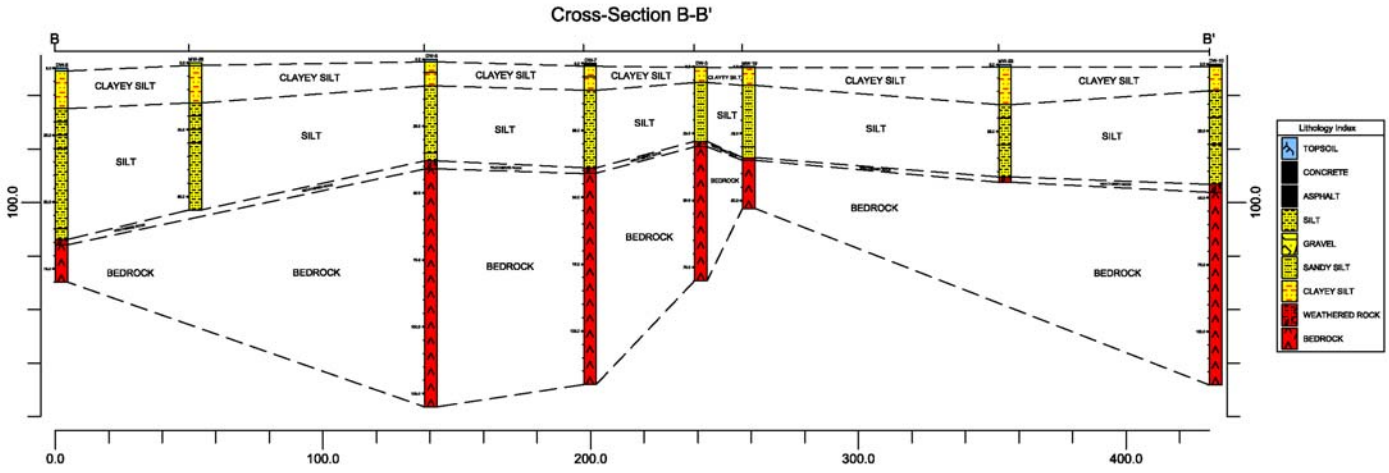
FIGURE 6A
GEOLOGIC CROSS SECTION (A-A')

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170D	07303
SCALE AS SHOWN	DATE JULY 2009

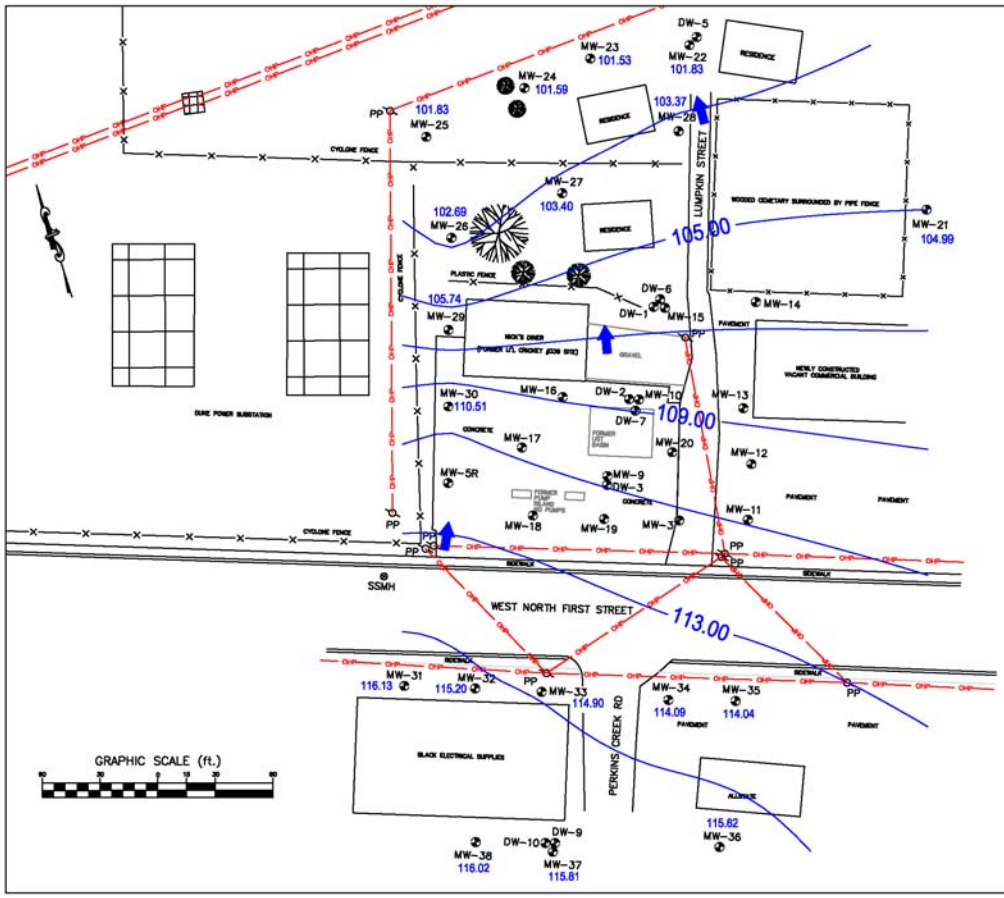


TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

FIGURE 6B
GEOLOGIC CROSS SECTION (B-B')

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170D	07303
SCALE: AS SHOWN	DATE: JULY 2009



LEGEND AND ABBREVIATIONS:

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- SSMH = SANITARY SEWER MAN HOLE
- PP = POWER POLE
- UST = UNDERGROUND STORAGE TANK
- X = FENCE
- OHP = OVERHEAD POWER LINE

104.99 GROUNDWATER ELEVATION (RELATIVE TO AN ASSUMED DATUM)

105.00 GROUNDWATER CONTOUR

GROUNDWATER FLOW DIRECTION

MEASUREMENTS COLLECTED ON JUNE 22 & 23, 2009

TERRY ENVIRONMENTAL SERVICES
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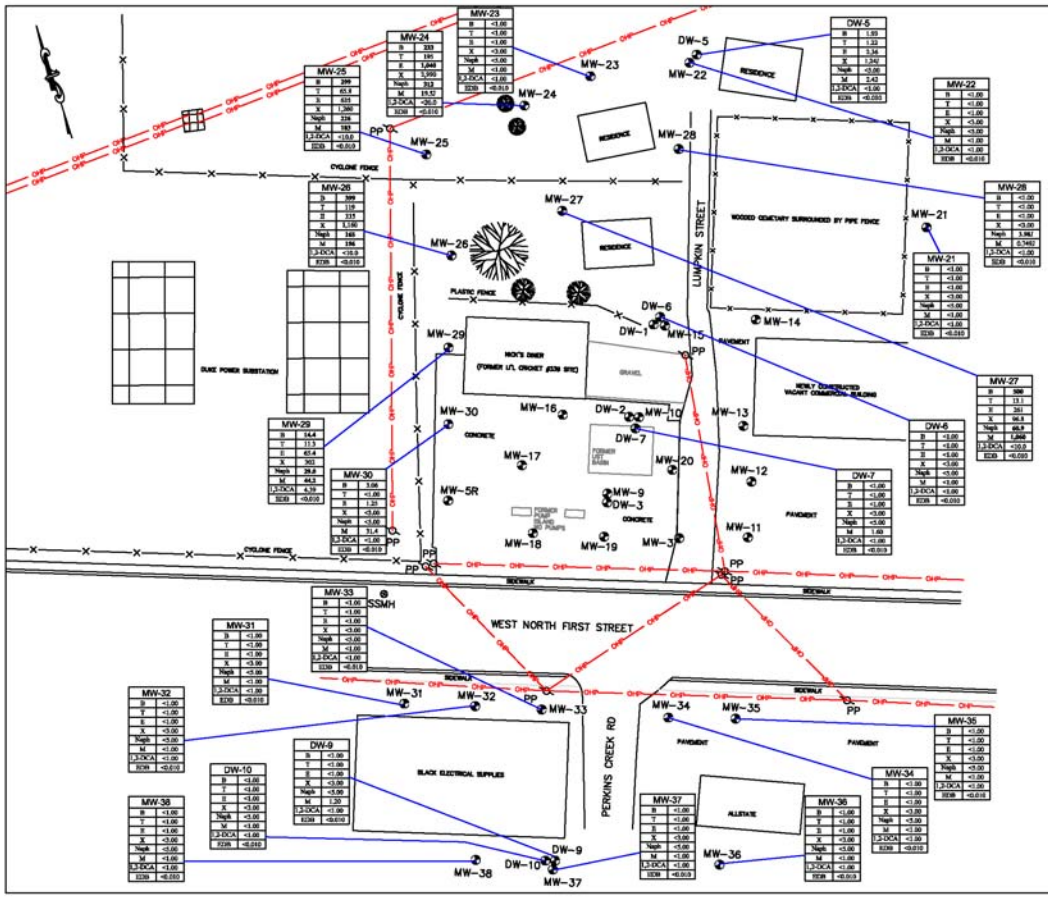
FIGURE 7
GROUNDWATER CONTOUR MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170D	07303
SCALE 1" = 50'	DATE JULY 2009



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- PP = POWER POLE
- UST = UNDERGROUND STORAGE TANK
- —X— = FENCE
- —OHP— = OVERHEAD POWER LINE

B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
Naph = Naphthalene
M = Tert–Butyl Methyl Ether
1,2–DCA = 1,2 Dichloroethane
EDB = Ethylene Di–Bromide

All concentrations are in ug/L

BOLD indicates contaminants are above RBSL's

Data were collected on June 22 & 23, 2009

TERRY ENVIRONMENTAL SERVICES
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FIGURE 8
GROUNDWATER ANALYTICAL MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170D	07303
SCALE 1" = 50'	DATE JULY 2009

APPENDIX 2

Tables

TABLE 1
SOIL ANALYTICAL DATA
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303

Boring Number	Total Depth (FT)	Depth Sample Taken (FT)	Date Performed	FIELD SCREENING DATA (depth in feet)										ANALYTICAL LABORATORY DATA				
				Soil PID Readings in ppm										PARAMETERS				
				5	10	15	20	25	30	35	40	45	50	BENZENE	TOLUENE	ETHYLBENZENE	XYLENES	NAPHTHALENE
														ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
MW-21	55	10	6/1/2009	7.5	13.0	8.4	3.0	4.5	5.3	2.9	2.2	2.8	--	<5.30	<5.30	<5.30	3.65J	<5.30
MW-22	55	15	6/5/2009	407	405	2,610	933	781	810	663	973	511	--	<4.52	0.554J	<4.52	<9.04	<4.52
MW-23	55	5	6/17/2009	227	118	71.4	53.5	32.8	44.3	19.3	22.7	--	--	<5.62	1.21J	<5.62	<11.2	<5.62
MW-24	55	40	6/17/2009	44.3	28.2	14.8	33.2	47.5	67.6	114	166	--	--	<5.72	1.16J	<5.72	<11.4	<5.72
MW-25	54	10	6/17/2009	18.7	95.2	46.8	49.7	39.5	37.0	27.0	25.9	--	--	<5.00	0.965J	<5.00	<10.0	<5.00
MW-26	52	30	6/3/2009	2.3	12.8	35.9	24.4	34.4	67.8	38.6	15.1	17.3	--	<4.68	<4.68	<4.68	<9.36	<4.68
MW-27	55	40	6/3/2009	39.4	45.7	28.2	63.8	52.5	169	361	554	--	--	<4.80	<4.80	<4.80	<9.59	<4.80
MW-28	55	10	6/17/2009	281	399	286	223	215	144	123	87.8	--	--	<5.07	0.719J	<5.07	<10.1	<5.07
MW-29	55	10	6/2/2009	238	1,742	919	974	939	136	306	565	517	--	<4.49	<4.49	<4.49	<8.98	<4.49
MW-30	60	30	6/4/2009	79.2	45.1	30.3	59.6	91.4	118	--	--	--	--	<5.06	0.881J	<5.06	<10.1	<5.06
MW-31	41	25	6/10/2009	3.1	3.8	2.4	9.4	18.8	10.1	--	--	--	--	<4.55	<4.55	<4.55	<9.11	<4.55
MW-32	45	20	6/10/2009	27.8	12.6	59.6	78.7	47.1	20.3	36.6	--	--	--	<5.02	1.07J	<5.02	<10.0	<5.02
MW-33	44	20	6/10/2009	39.5	21.7	115	206	121	109	77.6	--	--	--	<5.18	<5.18	<5.18	<10.4	<5.18
MW-34	45	20	6/8/2009	20.9	17.9	24.0	29.2	20.5	16.2	15.4	--	--	--	<5.18	1.15J	<5.18	<10.4	<5.18
MW-35	46	25	6/8/2009	76.9	94.3	59.3	32.7	117	72.3	66.6	--	--	--	<5.99	1.01J	<5.99	<12.0	<5.99
MW-36	46	30	6/16/2009	0.2	0.0	82.7	93.8	79.9	113	--	--	--	--	<5.23	0.949J	<5.23	<10.5	<5.23
MW-37	44	10	6/16/2009	5.3	70.1	32.2	47.8	24.6	33.4	--	--	--	--	<5.75	1.09J	<5.75	<11.5	<5.75
MW-38	47	20	6/4/2009	10.7	274	129	300	202	246	178	--	--	--	<6.64	<6.64	<6.64	<13.3	<6.64
DW-4(A)	--	40	6/1/2009	78.6	39.7	12.9	23.9	30.0	32.5	59.1	122	37.5	80	<4.37	<4.37	<4.37	<8.74	<4.37
DW-5	80	40	6/2/2009	5.7	7.2	3.9	4.6	4.5	7.2	8.3	36.7	13.8	4.4	<4.85	<4.85	<4.85	<9.70	<4.85
DW-6	130	30	6/8/2009	211	165	387	293	263	600	354	248	--	--	<6.08	<6.08	<6.08	<12.2	<6.08
DW-7	120	30	6/3/2009	713	907	403	784	820	1,111	523	690	--	--	<5.07	0.572J	<5.07	<10.1	<5.07
DW-8(A)	--	5	6/2/2009	3,778	1,903	1,343	1,883	2,078	2,301	--	--	--	--	**150J**	**212J**	**3,770**	9,960	**11,300**
DW-9	80	20	6/4/2009	168	344	346	586	229	173	216	187	--	--	<5.68	0.666J	<5.68	<11.4	<5.68
DW-10	120	20	6/9/2009	120	106	101	214	195	133	--	--	--	--	<6.09	<6.09	<6.09	<12.2	<6.09
SOIL RBSL	–	–	–	–	–	–	–	–	–	–	–	–	–	**7**	**1,450**	**1,150**	**14,500**	**36**

NOTES:

ppm PARTS PER MILLION
ug/kg MICROGRAMS PER KILOGRAM (PARTS PER BILLION)
J INDICATES AN ESTIMATED VALUE
3,770 BOLD INDICATES CONTAMINATION PRESENT IN EXCESS OF RISK BASED SCREENING LEVELS
– PARAMETER WAS NOT TESTED OR NOT APPLICABLE
(A) BORING ABANDONED AFTER SAMPLE COLLECTION

SOIL RBSL UNITS ARE UG/KG
SOIL RBSL'S ARE BASED ON SANDY SOIL

TABLE 2
MONITORING WELL AND GROUNDWATER DATA
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT # 07303

Well #	Date	TOC Elevation**	Screened Interval	Depth to Product*	Depth to Water*	Product Thickness	Water Table Elevation
		ft	ft	ft	ft	ft	ft
MW-3	10/1/2008	152.15	37-55	-	41.28	-	110.87
	2/16/2009			-	41.54	-	110.61
	6/22/2009			Not Sampled			
MW-5R	10/1/2008	150.01	50-60	-	59.55	-	90.46
	2/16/2009			-	53.20	-	96.81
	6/22/2009			Not Sampled			
MW-9	10/1/2008	150.85	45-55	-	40.81	-	110.04
	2/16/2009			-	40.44	-	110.41
	6/22/2009			Not Sampled			
MW-10	10/1/2008	152.07	42-52	43.62	43.95	0.33	108.12
	2/16/2009			43.83	43.93	0.10	108.14
	6/22/2009			Not Sampled			
MW-11	2/17/2009	153.51	40-50	-	43.31	-	110.20
	6/22/2009			Not Sampled			
MW-12	2/17/2009	154.40	40-50	-	45.39	-	109.01
	6/22/2009			Not Sampled			
MW-13	2/17/2009	153.54	40-50	-	45.34	-	108.20
	6/22/2009			Not Sampled			
MW-14	2/17/2009	154.32	45-55	-	49.58	-	104.74
	6/22/2009			Not Sampled			
MW-15	2/17/2009	152.67	40-50	-	47.05	-	105.62
	6/22/2009			Not Sampled			
MW-16	2/17/2009	151.33	40-55	-	42.08	-	109.25
	6/22/2009			Not Sampled			
MW-17	2/16/2009	150.78	40-55	-	41.43	-	109.35
	6/22/2009			Not Sampled			
MW-18	2/16/2009	150.31	35-50	-	40.90	-	109.41
	6/22/2009			Not Sampled			
MW-19	2/17/2009	150.78	38-53	-	40.33	-	110.45
	6/22/2009			Not Sampled			
MW-20	2/17/2009	152.08	35-50	-	43.12	-	108.96
	6/22/2009			Not Sampled			
MW-21	6/22/2009	154.55	40-55	-	49.56	-	104.99
MW-22	6/22/2009	149.85	40-55	-	48.02	-	101.83
MW-23	6/22/2009	150.05	40-55	-	48.52	-	101.53
MW-24	6/22/2009	150.02	40-55	-	48.43	-	101.59
MW-25	6/22/2009	148.14	39-54	-	46.31	-	101.83
MW-26	6/22/2009	146.65	37-52	-	43.96	-	102.69
MW-27	6/22/2009	149.99	40-55	-	46.59	-	103.40

TABLE 2
MONITORING WELL AND GROUNDWATER DATA
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT # 07303

Well #	Date	TOC Elevation**	Screened Interval	Depth to Product*	Depth to Water*	Product Thickness	Water Table Elevation
		ft	ft	ft	ft	ft	ft
MW-28	6/22/2009	152.24	40-55	-	48.87	-	103.37
MW-29	6/22/2009	152.17	40-55	-	46.43	-	105.74
MW-30	6/22/2009	151.23	45-60	-	40.72	-	110.51
MW-31	6/22/2009	148.95	26-41	-	32.82	-	116.13
MW-32	6/22/2009	150.06	30-45	-	34.86	-	115.20
MW-33	6/22/2009	151.57	29-44	-	36.67	-	114.90
MW-34	6/22/2009	153.70	30-45	-	39.61	-	114.09
MW-35	6/22/2009	154.52	31-46	-	40.48	-	114.04
MW-36	6/22/2009	156.04	31-46	-	40.42	-	115.62
MW-37	6/22/2009	151.73	29-44	-	35.92	-	115.81
MW-38	6/22/2009	150.63	32-47	-	34.61	-	116.02
DW-1	2/17/2009	152.36	75-80	-	47.91	-	104.45
	6/22/2009			Not Sampled			
DW-2	2/17/2009	151.77	75-80	-	44.15	-	107.62
	6/22/2009			Not Sampled			
DW-3	2/17/2009	150.83	75-80	-	42.12	-	108.71
	6/22/2009			Not Sampled			
DW-5	6/22/2009	150.19	75-80	-	45.55	-	104.64
DW-6	6/23/2009	152.59	115-130	-	63.39	-	89.20
DW-7	6/23/2009	151.97	115-120	-	113.41	-	38.56
DW-9	6/22/2009	151.96	75-80	-	37.64	-	114.32
DW-10	6/23/2009	151.77	115-120	-	37.84	-	113.93

Notes:

-- = No measurable product.

* = Relative to top of casing (TOC).

** = The TOC elevation benchmark was adjusted from 100' to 150' to allow for the newly installed deep wells with water levels greater than 100' below the TOC.

TABLE 3
GROUNDWATER ANALYTICAL DATA
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303

WELL ID	SAMPLING DATE	PARAMETERS																			
		Benzene	Toluene	Ethyl benzene	Xylenes	Naphthalene	MTBE	1,2 DCA	EDB	Lead	Nitrate/ Nitrite	Sulfate	Methane	Ferrous Iron	DIPE	Ethanol	ETBA	ETBE	TAME	TBA	TAA	TBF
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	mg/L	mg/L	mg/L	ug/l	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
RBSL	--	**5**	**1,000**	**700**	**10,000**	**25**	**40**	**5**	**0.05**	**0.05**	N/A	N/A	N/A	N/A	**150**	**10,000**	N/A	**47**	**128**	**1,400**	**240**	N/A
MW-3	10/1/2008	**8.51**	<1.00	4.1	7.25	3.51J	**57.3**	<1.00	<0.010	0.014B	7.85	<5.0	1.60J	0.595	--	--	--	--	--	--	--	--
	2/16/2009	2.45	<1.00	<1.00	<3.00	<5.00	**56.4**	<1.00	<0.010	0.0051B	--	--	--	--	2.67J	<100	<10.0	<5.00	6.94	103	46.3	<5.00
	6/22/2009	NOT SAMPLED																				
MW-5R	10/1/2008	NOT SAMPLED																				
	2/16/2009	<1.00	<1.00	<1.00	<3.00	<5.00	0.994J	<1.00	<0.010	<0.015	--	--	--	--	<5.00	<100	<10.0	<5.00	<5.00	<10.0	<20.0	<5.00
	6/22/2009	NOT SAMPLED																				
MW-9	10/1/2008	**2,820**	**4,860**	**1,140**	4,720	**357**	**9,050**	<50.0	**197**	**0.16**	<0.10	1.4B	1.72J	0.131	--	--	--	--	--	--	--	--
	2/16/2009	**3,020**	**4,180**	**1,150**	4,370	**393**	**8,630**	**52.0**	**0.069**	0.014B	--	--	--	--	**247J**	<5,000	<500	<250	**438**	**3,450**	<1,000	<250
	6/22/2009	NOT SAMPLED																				
MW-10	10/1/2008	FREE PRODUCT - 0.33 FEET																				
	2/16/2009	FREE PRODUCT - 0.10 FEET																				
	6/22/2009	NOT SAMPLED																				
MW-11	2/17/2009	<1.00	<1.00	<1.00	<3.00	<5.00	0.822J	<1.00	<0.010	0.014B	1.06	<5.0	--	<0.10	<5.00	<100	<10.0	<5.00	<5.00	<10.0	<20.0	<5.00
	6/22/2009	NOT SAMPLED																				
MW-12	2/17/2009	<1.00	<1.00	<1.00	<3.00	<5.00	25.3	<1.00	<0.010	0.0043B	2.47	<5.0	--	<0.10	1.22J	<100	<10.0	<5.00	<5.00	<10.0	<20.0	<5.00
	6/22/2009	NOT SAMPLED																				
MW-13	2/17/2009	<1.00	<1.00	<1.00	35.8	10.1	17.4	<1.00	<0.010	<0.015	4.39	<5.0	--	<0.10	1.11J	<100	<10.0	<5.00	<5.00	16.7	<20.0	<5.00
	6/22/2009	NOT SAMPLED																				
MW-14	2/17/2009	<1.00	<1.00	<1.00	<3.00	<5.00	1.55	<1.00	<0.010	0.0037B	2.00	<5.0	--	<0.10	<5.00	<100	<10.0	<5.00	<5.00	<10.0	<20.0	<5.00
	6/22/2009	NOT SAMPLED																				
MW-15	2/17/2009	**822**	**1,420**	417	1,550	**143**	**1,320**	<20.0	<0.010	0.0047B	<0.010	<5.0	--	0.4	40.8J	<2,000	<200	<100	**141**	**2,150**	<400	<100
	6/22/2009	NOT SAMPLED																				
MW-16	2/17/2009	**183**	85.5	57.2	107	<25.0	**542**	**9.19**	0.019	0.0037B	<0.010	<5.0	--	2.2	28.6	<500	<50.0	<25.0	39.3	114	237	<25.0
	6/22/2009	NOT SAMPLED																				
MW-17	2/16/2009	**106**	15.7	54.6	84.0	<25.0	**463**	4.74J	<0.010	<0.015	<0.010	<5.0	--	2.4	24.0J	<500	<50.0	<25.0	38.3	72.8	<100	<25.0
	6/22/2009	NOT SAMPLED																				
MW-18	2/16/2009	**255**	72.7	109	458	<25.0	**689**	**7.48**	0.015	0.0056B	<0.010	<5.0	--	2.5	37.9	<500	<50.0	<25.0	44.0	123	143	<25.0
	6/22/2009	NOT SAMPLED																				
MW-19	2/17/2009	**3,110**	**9,000**	**1,330**	5,410	**682**	**12,100**	<100	**6.49**	**0.10**	<0.010	4.5B	--	2.8	**323J**	<10,000	<1,000	<500	**804**	**7,480**	<2,000	<500
	6/22/2009	NOT SAMPLED																				
MW-20	2/17/2009	**1,340**	**1,840**	**1,040**	2,670	**602**	**6,230**	<100	**1.61**	**0.053B**	<0.010	<5.0	--	0.6	146J	<10,000	<1,000	<500	**676**	**16,300**	**8,450**	<500
	6/22/2009	NOT SAMPLED																				
MW-21	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-23	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24	6/22/2009	**233**	195	**1,040**	2,990	**312**	19.5J	<20.0	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	6/22/2009	**299**	65.8	635	1,260	**226**	**103**	<10.0	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-26	6/22/2009	**399**	119	335	1,160	**165**	**156**	<10.0	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	6/22/2009	**500**	13.1	261	96.8	**60.9**	**1,060**	<10.0	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-28	6/22/2009	<1.00	<1.00	<1.00	<3.00	3.98J	0.749J	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-29	6/22/2009	**14.4**	11.3	65.4	302	**29.0**	**44.2**	4.39	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-30	6/22/2009	3.06	<1.00	1.25	<3.00	<5.00	31.4	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-31	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 3
GROUNDWATER ANALYTICAL DATA
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303

WELL ID	SAMPLING DATE	PARAMETERS																			
		Benzene	Toluene	Ethyl benzene	Xylenes	Naphthalene	MTBE	1,2 DCA	EDB	Lead	Nitrate/ Nitrite	Sulfate	Methane	Ferrous Iron	DIPE	Ethanol	ETBA	ETBE	TAME	TBA	TAA	TBF
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	mg/L	mg/L	mg/L	ug/l	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
RBSL	--	**5**	**1,000**	**700**	**10,000**	**25**	**40**	**5**	**0.05**	**0.05**	**N/A**	**N/A**	**N/A**	**N/A**	**150**	**10,000**	**N/A**	**47**	**128**	**1,400**	**240**	**N/A**
MW-32	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-33	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-34	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-35	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-37	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-38	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010													
DW-1	2/17/2009	1.66	1.39	<1.00	<3.00	<5.00	**47.5**	<1.00	<0.010	<0.075	0.507	9.4	--	0.2	2.42J	<100	<10.0	<5.00	6.66	42.9	<20.0	<5.00
	6/22/2009	NOT SAMPLED																				
DW-2	2/17/2009	2.81	<1.00	<1.00	<3.00	<5.00	**51.3**	<1.00	<0.010	0.015B	0.594	1.4B	--	<0.10	2.14J	<100	<10.0	<5.00	6.77	14.7	<20.0	<5.00
	6/22/2009	NOT SAMPLED																				
DW-3	2/17/2009	**6.59**	1.85J	<2.00	<6.00	<10.0	**279**	3.42	<0.010	<0.075	0.461	<5.0	--	<0.10	14.0	<200	<20.0	<10.0	15.8	42.7	76.8	<10.0
	6/22/2009	NOT SAMPLED																				
DW-5	6/22/2009	1.93	1.22	2.36	1.24J	<5.00	2.42	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-6	6/23/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-7	6/23/2009	<1.00	<1.00	<1.00	<3.00	<5.00	1.60	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-9	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	1.20	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-10	6/23/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--

NOTES:

-- = Parameter was not tested
RBSL = Risk Based Screening Levels
ug/L= micrograms per liter
mg/L= milligrams per liter
J = Indicates an estimated value
MTBE = tert-Butyl Methyl Ether
1,2 DCA = 1,2 Dichloroethane
EDB = 1,2-Dibromoethane
DIPE = diisopropyl Ether
ETBA = ethyl tert-butanol
ETBE = Ethyl tert-butyl ether
TAME = tert-amyl methyl ether
TBA = tert-Butanol
TAA = tert-amyl alcohol
TBF = tert-butyl formate
B = (ORGANICS) Indicates the analyte was detected in the associated method blank
B = (INORGANICS) Indicates the result is between the RDL and the MDL
Bold Lettering indicates parameter exceeds SCDHEC RBSLs except for 1,2 DCA which is based on EPA limits

APPENDIX 3

AFVR Data & Disposal Manifest

TABLE 1
GROUNDWATER ELEVATION AND VACUUM DATA
Former Li'l Cricket #339
Seneca, South Carolina
SCDHEC UST Permit # 07303
May 7, 2009

Well #	MW-13			Well #	MW-15			Well #	MW-16			Well #	MW-20		
Elapsed Time	Depth to Product (ft)	Depth to Water (ft)	Vacuum (in H2O)	Elapsed Time	Depth to Product (ft)	Depth to Water (ft)	Vacuum (in H2O)	Elapsed Time	Depth to Product (ft)	Depth to Water (ft)	Vacuum (in H2O)	Elapsed Time	Depth to Product (ft)	Depth to Water (ft)	Vacuum (in H2O)
0	n/a	44.63	0.0	0	n/a	46.33	0.0	0	n/a	41.02	0.0	0	n/a	42.41	0.0
0.5	n/a	44.63	0.0	0.5	n/a	46.33	0.0	0.5	n/a	41.02	0.0	0.5	n/a	42.41	0.0
1	n/a	44.63	0.0	1	n/a	46.33	0.0	1	n/a	41.02	0.0	1	n/a	42.42	0.0
1.5	n/a	44.62	0.0	1.5	n/a	46.33	0.0	1.5	n/a	41.03	0.0	1.5	n/a	42.42	0.0
2	n/a	44.62	0.0	2	n/a	46.33	0.0	2	n/a	41.03	0.0	2	n/a	42.42	0.0
2.5	n/a	44.61	0.0	2.5	n/a	46.33	0.0	2.5	n/a	41.03	0.0	2.5	n/a	42.42	0.0
3	n/a	44.61	0.0	3	n/a	46.33	0.0	3	n/a	41.03	0.0	3	n/a	42.42	0.0
3.5	n/a	44.61	0.0	3.5	n/a	46.32	0.0	3.5	n/a	41.03	0.0	3.5	n/a	42.42	0.0
4	n/a	44.60	0.0	4	n/a	46.32	0.0	4	n/a	41.03	0.0	4	n/a	42.42	0.0
4.5	n/a	44.60	0.0	4.5	n/a	46.31	0.0	4.5	n/a	41.03	0.0	4.5	n/a	42.42	0.0
5	n/a	44.60	0.0	5	n/a	46.31	0.0	5	n/a	41.03	0.0	5	n/a	42.42	0.0
5.5	n/a	44.60	0.0	5.5	n/a	46.31	0.0	5.5	n/a	41.03	0.0	5.5	n/a	42.43	0.0
6	n/a	44.61	0.0	6	n/a	46.31	0.0	6	n/a	41.02	0.0	6	n/a	42.43	0.0
6.5	n/a	44.61	0.0	6.5	n/a	46.31	0.0	6.5	n/a	41.02	0.0	6.5	n/a	42.43	0.0
7	n/a	44.61	0.0	7	n/a	46.31	0.0	7	n/a	41.02	0.0	7	n/a	42.43	0.0
7.5	n/a	44.61	0.0	7.5	n/a	46.31	0.0	7.5	n/a	41.02	0.0	7.5	n/a	42.43	0.0
8	n/a	44.61	0.0	8	n/a	46.31	0.0	8	n/a	41.02	0.0	8	n/a	42.43	0.0
Maximum Drawdown		**0.00**		Maximum Drawdown		**0.00**		Maximum Drawdown		**0.01**		Maximum Drawdown		**0.02**	
Maximum Observed Vacuum			**0.0**	Maximum Observed Vacuum			**0.0**	Maximum Observed Vacuum			**0.0**	Maximum Observed Vacuum			**0.0**
Distance From Recovery Well (ft)			**47**	Distance From Recovery Well (ft)			**37**	Distance From Recovery Well (ft)			**32**	Distance From Recovery Well (ft)			**49**

RADIUS OF INFLUENCE

Best Fit Linear Regression - Drawdown Data	**40**	ft
Best Fit Linear Regression - Vacuum Data	**<32**	ft

AFVR Emissions Field Data

Date:	May 7, 2009								**Average Depth to Groundwater:**					~45 ft		
Site Name:	Former Li'l Cricket #339								**Describe Soil in Saturated Zone:**					Sandy Silt		
SCDHEC Site ID #:	07303								**Vacuum Contractor:**				Terry Environmental Services, Inc.			
Well ID #:	**MW-10**		**Blower Specification of the Vacuum Truck (CFM @ Hg):**						20 SCFM @ 25" Hg							
DRY STANDARD CUBIC FEET PER MINUTE (DSCFM) CALCULATIONS (Qstd)									**EMISSION CALCULATION**							
		Vacuum	Velocity	Pipe Id	Temp.	Rel.Humid	$PPM_{measured}$	Elapsed time	Flow	PPM_d	PPM_c	K	C_{cm}	C_c	PMR_c	PMR_g	PMR_g
Date	Time	(in. Hg)	(ft/min)	(in)	(F)	(%)	(ppm)	(min)	(DSCFM)				(mg/dsm^3)	(lb/dscf)	(lb/hr)	(lb/hr)	(gal/hr)
5/7/2009	11:30	14.0	2,680	3	133.4	19.9	126	0	106.74	138.11	552.45	4	275.65	1.721E-05	0.11	0.13	0.02
5/7/2009	12:00	14.0	2,790	3	139.7	18.3	129	30	109.95	141.40	565.60	4	282.21	1.762E-05	0.12	0.13	0.02
5/7/2009	12:30	14.0	2,841	3	140.0	17.8	138	60	111.90	151.27	605.07	4	301.90	1.885E-05	0.13	0.15	0.02
5/7/2009	13:00	14.0	2,776	3	140.0	18.4	151	90	109.34	165.52	662.06	4	330.34	2.062E-05	0.14	0.16	0.03
5/7/2009	13:30	14.0	2,890	3	140.0	19.9	176	120	113.83	192.92	771.68	4	385.04	2.404E-05	0.16	0.19	0.03
5/7/2009	14:00	14.0	2,612	3	140.0	19.2	162	150	102.88	177.57	710.29	4	354.41	2.213E-05	0.14	0.16	0.03
5/7/2009	14:30	14.0	2,581	3	140.0	19.6	181	180	101.66	198.40	793.60	4	395.98	2.472E-05	0.15	0.17	0.03
5/7/2009	15:00	15.0	2,763	3	140.0	18.7	170	210	108.83	186.34	745.37	4	371.91	2.322E-05	0.15	0.18	0.03
5/7/2009	15:30	15.0	2,808	3	140.0	18.0	193	240	110.60	211.55	846.22	4	422.23	2.636E-05	0.17	0.20	0.03
5/7/2009	16:00	15.0	2,719	3	139.3	16.7	205	270	107.22	224.71	898.83	4	448.48	2.800E-05	0.18	0.21	0.03
5/7/2009	16:30	15.0	2,710	3	137.5	16.9	211	300	107.19	231.28	925.14	4	461.61	2.882E-05	0.19	0.21	0.03
5/7/2009	17:00	15.0	2,777	3	139.1	15.3	221	330	109.55	242.25	968.98	4	483.48	3.018E-05	0.20	0.23	0.04
5/7/2009	17:30	15.0	2,642	3	140.0	13.9	215	360	104.06	235.67	942.67	4	470.36	2.936E-05	0.18	0.21	0.03
5/7/2009	18:00	15.0	2,669	3	140.0	15.8	203	390	105.13	222.52	890.06	4	444.11	2.773E-05	0.17	0.20	0.03
5/7/2009	18:30	15.0	2,805	3	138.2	16.4	194	420	110.82	212.65	850.60	4	424.42	2.650E-05	0.18	0.20	0.03
5/7/2009	19:00	15.0	2,830	3	137.1	16.0	198	450	112.01	217.03	868.14	4	433.17	2.704E-05	0.18	0.21	0.03
5/7/2009	19:30	15.0	2,901	3	137.4	19.3	202	480	114.76	221.42	885.68	4	441.92	2.759E-05	0.19	0.22	0.04
Average		14.6	2753	3.0	138.9	17.7	181		108.62	198.27	793.08	4	395.72	2.470E-05	0.16	0.19	0.03
Bws =	0.088	Bwsw:	0.06														

Total Pounds of Carbon Recovered as Emissions: 1.29

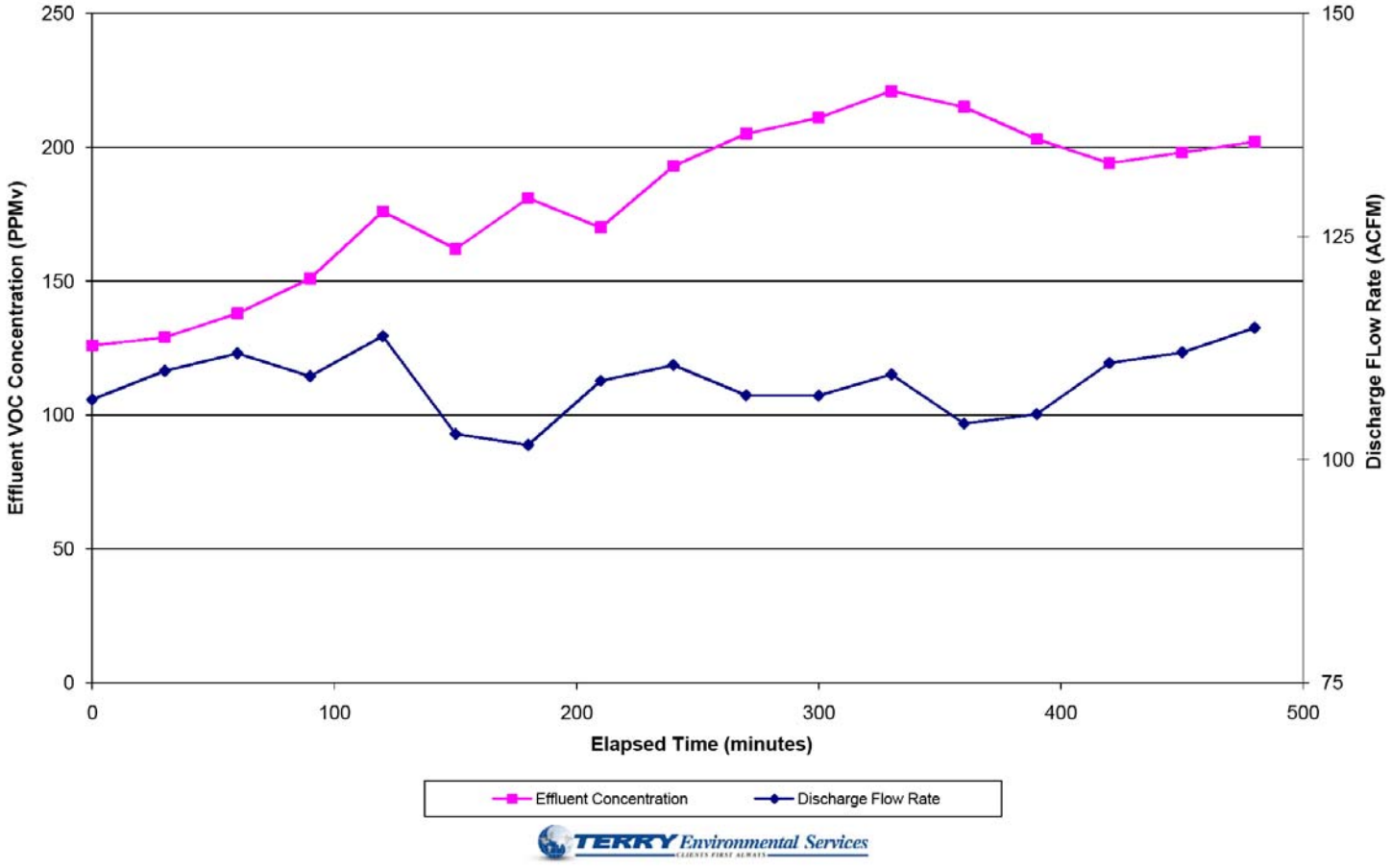
Total Pounds of Gasoline Vapor Recovered as Emissions: 1.49

Total Gallons of Gasoline Recovered as Emissions: 0.24

(This Number Represents the Gallons Recovered via Vapors, Not Total Liquids)

TERRY Environmental Services
CLIENTS FIRST ALWAYS

AFVR PROCESS MONITORING
May 7, 2009
Former Li'l Cricket #339, Seneca, South Carolina
SCDHEC UST Permit #07303



TERRY Environmental Services

AFVR Definitions and Equations

Qstd = (60 sec/min) (1- Bws) (velocity) (Pipe ID sq.ft.) [(528 oR / (Temp. + 460)] (Listed As Flow Above)

Bws = (B_{wsw} / 18 lb-mole H_2O) / [(1/28.84 lb-mole dry air) + B_{wsw} / 18 lb-mole H_2O)]

PPMd = (PPMw) / (1-Bws) PPMc = (PPM) (K)

Cc = Ccm (62.43 E -9 lb-m^3/mg-ft^3) PMRg = (PMRc) (Mg/Mcg)

Bgs = below top of casing

Bws = (B_{WSW} / 18 lb-mole H_2O) / [(1/28.84 lb-mole dry air) + B_{wsw} / 18 lb-mole H_2O)]

Qstd = (60 sec/min)(1-Bws)(V)(A)(Temp deg Rankin)

Bgs = below top of casing

Bws - water vapor % by volume

PPMmeasured = obtained directly from Photo Ionization Detector (PID)

Bwsw - pounds of water per pound of dry air, derived from the psychometric chart (temp Vs relative hum)

PPMw = PPM measured (wet Conc.)

K = # of carbons in calibration gas (isobutylene)

PPMc = PPMv, volumetric concentration of VOC emissions as carbon, dry basis, at STP

Ccm = mg/dsm^3, mass concentration of VOC emissions as carbon

Mc = 12.01 mg/mg-mole, molecular wt. of carbon

K_3 = 24.07 $dsm^3/10^6$ mg-mole, mass to volume conversion factor at stp

Cc = lb/dscf, mass concentration of VOC emissions as carbon, dry basis, at STP

PMRc = lb/hr, pollutant mass removal rate of VOC's as carbon

PMRg = lb/hr, pollutant mass removal rate of VOC's as gasoline

Mcg = 89 mg/mg-mole, weight of carbon in gasoline molecule

PPMd = "dry" concentration

Mg = 103 mg/mg-mole, molecular wt. of gasoline

Qstd - Flow at DSCFM

Ccm = PPMc (Mc/K_3)

PMRc = Cc (Qstd) (60 min/hr)

Reference:

North Carolina Department of Natural Resources, Division of Waste Management, Underground Storage Tank Section, Appendix B, Report Formats, April 2001.

US Water Recovery

Non-Hazardous Wastewater Manifest Number:

1. Generator's EPA ID# (if applicable): 07303 — Waste ID Number:

2. Generator's Name and Mailing Address: Former L/I Cricket 339, 800 West North First Street, Seneca, SC — Phone (843) 873-8200 — PO#: 2170D

3. Agent of Generator and Mailing Address: Terry Environmental Services, P.O. Box 25, Summerville, SC 29484 — Phone (843) 873-8200 — PO#: 2170D

4. Transporter Company Name: SAME AS ↑ — Phone ( )

Truck & Trailer License Number:

5. Transporter U.S. EPA ID#:

6. Facility Name and Site Address: U S Water Recovery, 435 Old Mt. Holly Rd., Mt. Holly, SC 29445 — Phone: (843) 797-8674 — Fax: (843) 797-2126

Mailing Address: U S Water Recovery, 511 Old Mt. Holly Rd., Goose Creek, SC 29445 — Phone: (843) 797-3111 — Fax: (843) 797-0710

7. Facility U.S. EPA ID#:

Start Level: 0 — End Level: 50 — Total Gallons: 50 — Tank Number

8. U.S. DOT Desciption	Container No.	Container Type	Unit	Quantity
a. Non-Hazardous, non-regulated waste water	1	VAC	Gallons	50

9. Generator's Certification: I hereby declare that the contents of this consignment are not hazardous by definition or listing and are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina. I further certify that the contents of this consignment are as represented by the description contained on the Waste Profile Form previously submitted to and approved by the Designated Facility.

Printed/Typed Name: Tony Monk — Signature: Anthony Monk Its Agent — Date: 5-11-09

10. Transporter Acknowledgement of Receipt of Materials

Printed/Typed Name: Tony Monk — Signature: Anthony Monk its Agent — Date: 5-11-09

11. Discrepancy indication space:

12. Facility Owner or Operator Certification of Receipt of Materials

Printed/Typed Name: David Wood — Signature: David Wood — Date: 5-11-09

White - Facility Yellow - Transporter Pink - Generator

5088

APPENDIX 4

Well Construction Logs

TERRY ENVIRONMENTAL SERVICES
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WELL LOG

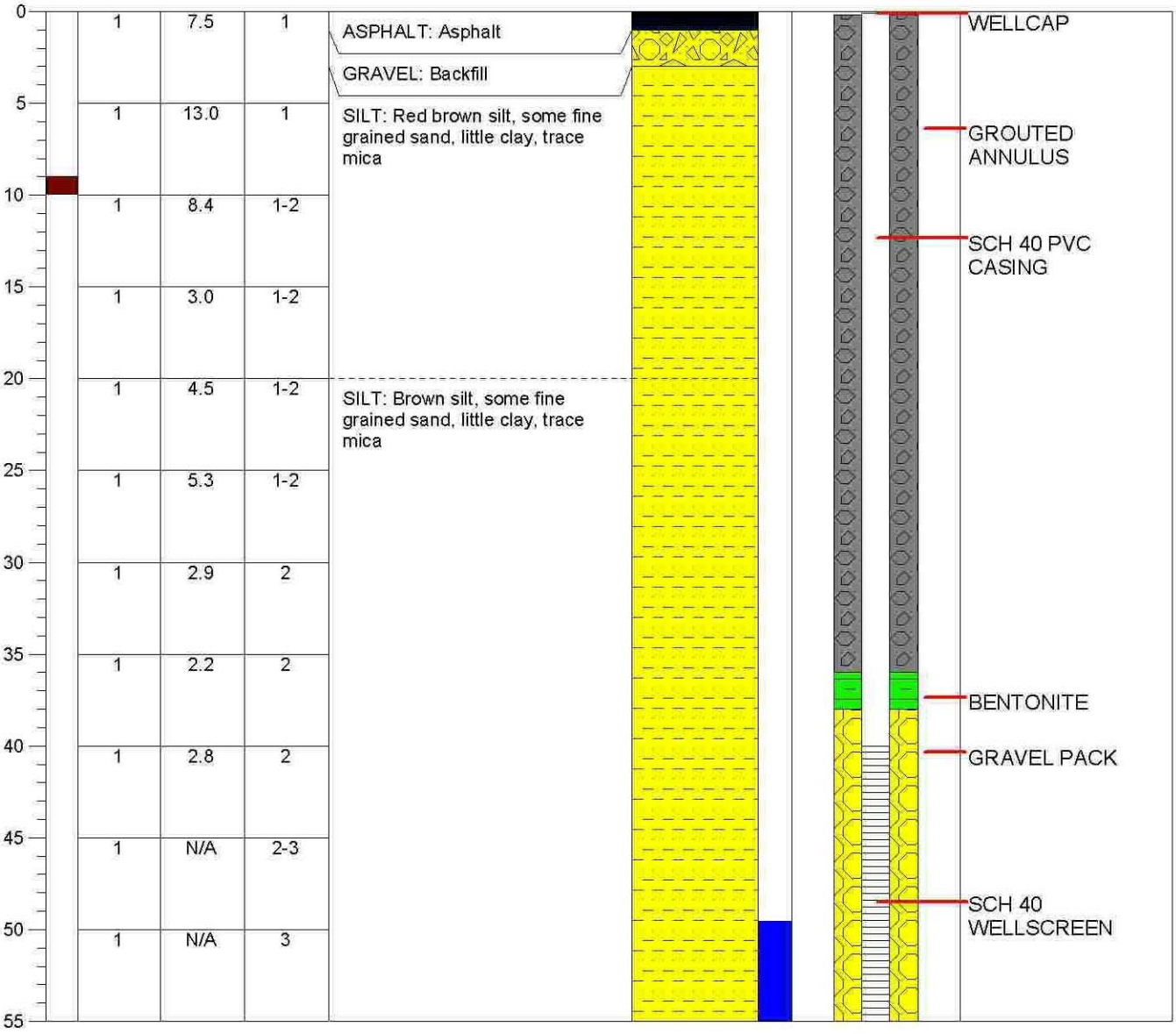
MONITORING WELL #: MW-21
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L.Ortman
START DATE: 6/1/09 FINISH DATE: 6/1/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Jerry Watkins (Cert # 1979)
DRILLING METHOD: Air

HOLE DIAMETER: 6"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 154.55
WATER LEVEL: 49.56 ft bgs
EASTING: 823.5594
NORTHING: 1252.3967
DEVELOPMENT: Pumping/Surging

Casing Interval 0-40 ft bgs | Bentonite Interval 36-38 ft bgs | Filter Interval 38-55 ft bgs
Screen Interval 40-55 ft bgs | Grout Interval 0-36 ft bgs | Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology (SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.)	Water Level
0		1	7.5	1	ASPHALT: Asphalt; GRAVEL: Backfill	
5		1	13.0	1	SILT: Red brown silt, some fine grained sand, little clay, trace mica	
10		1	8.4	1-2		
15		1	3.0	1-2		
20		1	4.5	1-2	SILT: Brown silt, some fine grained sand, little clay, trace mica	
25		1	5.3	1-2		
30		1	2.9	2		
35		1	2.2	2		
40		1	2.8	2		
45		1	N/A	2-3		
50		1	N/A	3		
55						



Well Construction

Total Depth = 55 ft bgs

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WELL LOG

MONITORING WELL #: MW-22
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L.Ortman
START DATE: 6/5/09 FINISH DATE: 6/5/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Jerry Watkins (Cert # 1979)
DRILLING METHOD: Air

HOLE DIAMETER: 6"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 149.85
WATER LEVEL: 48.02 ft bgs
EASTING: 700.1014
NORTHING: 1338.2463
DEVELOPMENT: Pumping/Surging

Casing Interval 0-40 ft bgs | Bentonite Interval 36-38 ft bgs | Filter Interval 38-55 ft bgs
Screen Interval 40-55 ft bgs | Grout Interval 0-36 ft bgs | Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology (SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.)	Water Level	Well Construction
0		1	407	1	TOPSOIL: Topsoil CLAYEY SILT: Red brown clayey silt, trace mica		WELLCAP
5		1	405	1			GROUTED ANNULUS
10		1	2,610	1-2			SCH 40 PVC CASING
15		1	933	1-2	SILT: Red brown silt, some fine to coarse grained sand, little clay, trace mica		
20		1	781	1-2	SILT: Brown silt, some fine to coarse grained sand, some pebbles, little clay, trace mica		
25		1	810	1-2	SILT: Red brown silt, some fine to coarse grained sand, little clay, trace mica		
30		1	663	1-2	SILT: brown silt, some fine to coarse grained sand, little clay, trace mica		
35		1	973	1-2			BENTONITE
40		1	511	1-2			GRAVEL PACK
45		1	N/A	2			
50		1	N/A	3			SCH 40 WELLSCREEN
55							

Total Depth = 55 ft bgs

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WELL LOG

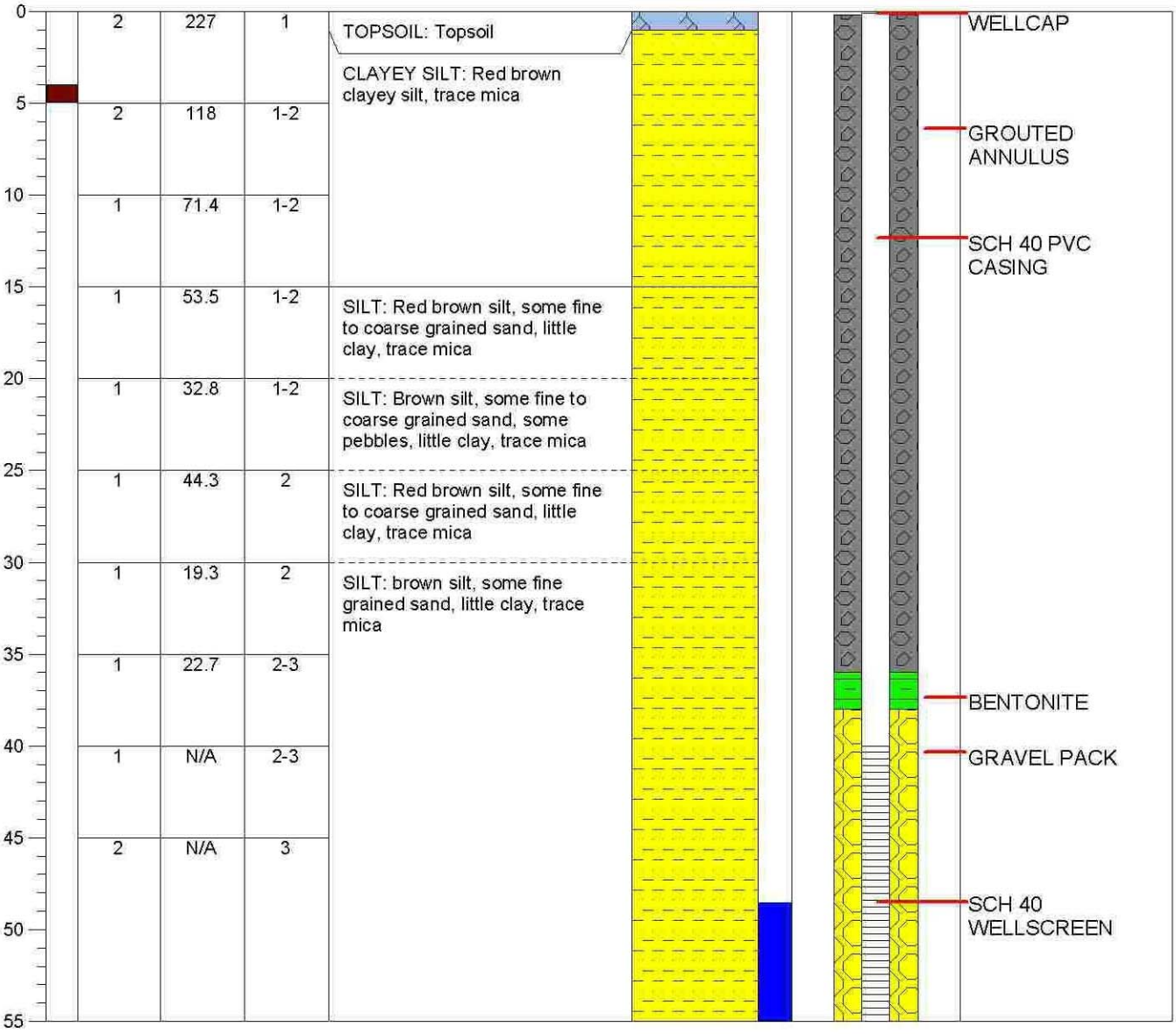
MONITORING WELL #: MW-23
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L.Ortman
START DATE: 6/17/09 FINISH DATE: 6/17/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Jerry Watkins (Cert # 1979)
DRILLING METHOD: Air

HOLE DIAMETER: 6"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 150.05
WATER LEVEL: 48.52 ft bgs
EASTING: 648.536
NORTHING: 1331.0635
DEVELOPMENT: Pumping/Surging

Casing Interval 0-40 ft bgs | Bentonite Interval 36-38 ft bgs | Filter Interval 38-55 ft bgs
Screen Interval 40-55 ft bgs | Grout Interval 0-36 ft bgs | Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology (SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.)	Water Level	Well Construction
0		2	227	1	TOPSOIL: Topsoil CLAYEY SILT: Red brown clayey silt, trace mica		WELLCAP
5		2	118	1-2			GROUTED ANNULUS
10		1	71.4	1-2			SCH 40 PVC CASING
15		1	53.5	1-2	SILT: Red brown silt, some fine to coarse grained sand, little clay, trace mica		
20		1	32.8	1-2	SILT: Brown silt, some fine to coarse grained sand, some pebbles, little clay, trace mica		
25		1	44.3	2	SILT: Red brown silt, some fine to coarse grained sand, little clay, trace mica		
30		1	19.3	2	SILT: brown silt, some fine grained sand, little clay, trace mica		
35		1	22.7	2-3			BENTONITE
40		1	N/A	2-3			GRAVEL PACK
45		2	N/A	3			SCH 40 WELLSCREEN
50							
55							



Total Depth = 55 ft bgs

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WELL LOG

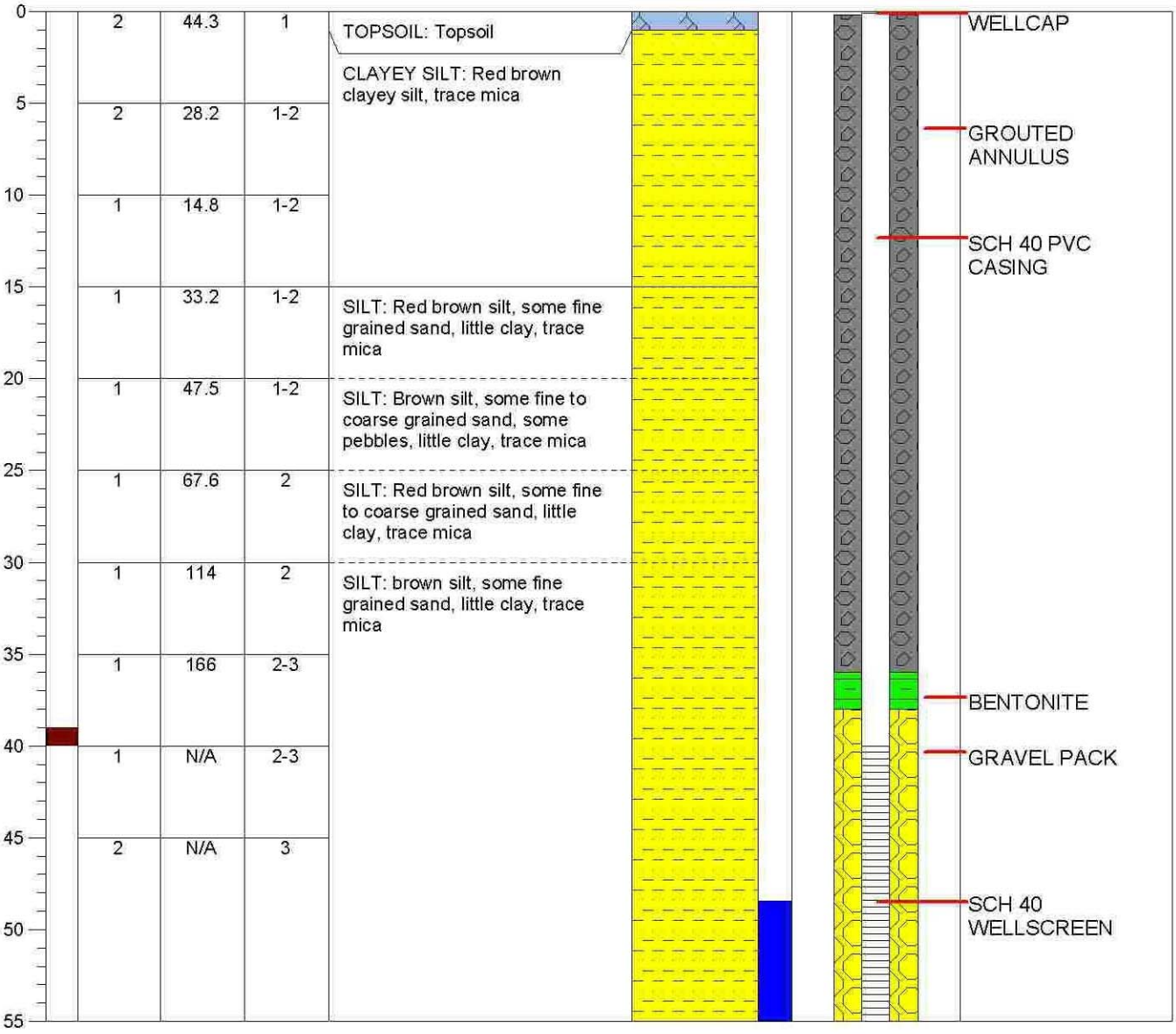
MONITORING WELL #: MW-24
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L.Ortman
START DATE: 6/17/09 FINISH DATE: 6/17/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Jerry Watkins (Cert # 1979)
DRILLING METHOD: Air

HOLE DIAMETER: 6"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 150.02
WATER LEVEL: 48.43 ft bgs
EASTING: 614.2216
NORTHING: 1315.8898
DEVELOPMENT: Pumping/Surging

Casing Interval 0-40 ft bgs | Bentonite Interval 36-38 ft bgs | Filter Interval 38-55 ft bgs
Screen Interval 40-55 ft bgs | Grout Interval 0-36 ft bgs | Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology (SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.)	Water Level
0-5		2	44.3	1	TOPSOIL: Topsoil CLAYEY SILT: Red brown clayey silt, trace mica	
5-10		2	28.2	1-2		
10-15		1	14.8	1-2		
15-20		1	33.2	1-2	SILT: Red brown silt, some fine grained sand, little clay, trace mica	
20-25		1	47.5	1-2	SILT: Brown silt, some fine to coarse grained sand, some pebbles, little clay, trace mica	
25-30		1	67.6	2	SILT: Red brown silt, some fine to coarse grained sand, little clay, trace mica	
30-35		1	114	2	SILT: brown silt, some fine grained sand, little clay, trace mica	
35-40		1	166	2-3		
40-45		1	N/A	2-3		
45-50		2	N/A	3		
50-55						



Well Construction

Total Depth = 55 ft bgs

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WELL LOG

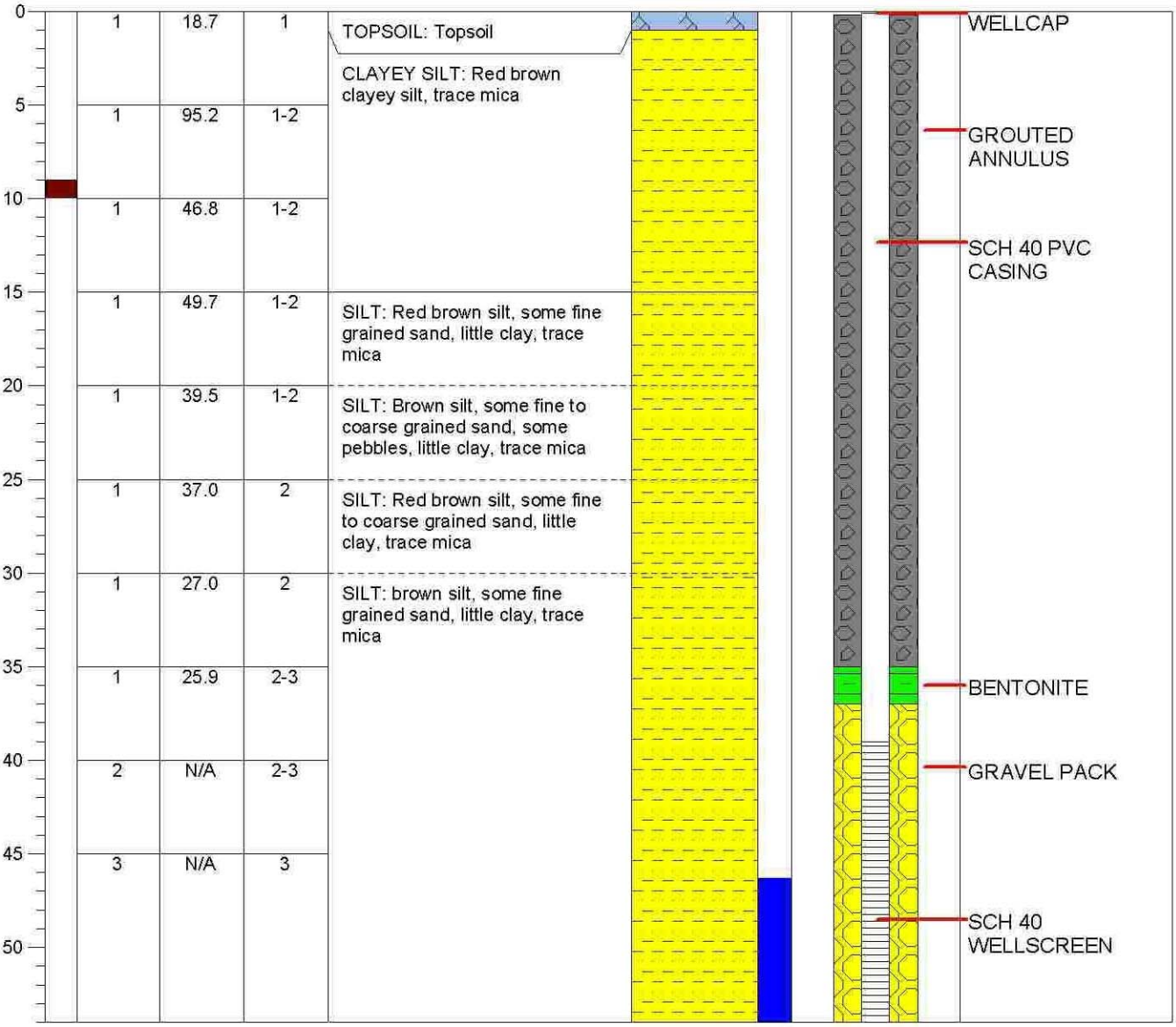
MONITORING WELL #: MW-25
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L.Ortman
START DATE: 6/17/09 FINISH DATE: 6/17/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Jerry Watkins (Cert # 1979)
DRILLING METHOD: Air

HOLE DIAMETER: 6"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 148.14
WATER LEVEL: 46.31 ft bgs
EASTING: 563.1808
NORTHING: 1290.4203
DEVELOPMENT: Pumping/Surging

Casing Interval 0-39 ft bgs | Bentonite Interval 35-37 ft bgs | Filter Interval 37-54 ft bgs
Screen Interval 39-54 ft bgs | Grout Interval 0-35 ft bgs | Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology (SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.)	Water Level
0-5		1	18.7	1	TOPSOIL: Topsoil CLAYEY SILT: Red brown clayey silt, trace mica	
5-10		1	95.2	1-2		
10-15		1	46.8	1-2		
15-20		1	49.7	1-2	SILT: Red brown silt, some fine grained sand, little clay, trace mica	
20-25		1	39.5	1-2	SILT: Brown silt, some fine to coarse grained sand, some pebbles, little clay, trace mica	
25-30		1	37.0	2	SILT: Red brown silt, some fine to coarse grained sand, little clay, trace mica	
30-35		1	27.0	2	SILT: brown silt, some fine grained sand, little clay, trace mica	
35-40		1	25.9	2-3		
40-45		2	N/A	2-3		
45-50		3	N/A	3		



Well Construction

Total Depth = 54 ft bgs

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WELL LOG

MONITORING WELL #: MW-26
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L.Ortman
START DATE: 6/3/09 FINISH DATE: 6/3/09
DRILLING COMPANY: Geologic Exploration
DRILLER: James Hess (Cert #D1929)
DRILLING METHOD: Hollow Stem Auger

HOLE DIAMETER: 9"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 146.65
WATER LEVEL: 43.96 ft bgs
EASTING: 576.2771
NORTHING: 1237.7914
DEVELOPMENT: Pumping/Surging

Casing Interval 0-37 ft bgs Bentonite Interval 33-35 ft bgs Filter Interval 35-52 ft bgs
Screen Interval 37-52 ft bgs Grout Interval 0-33ft bgs Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology	Water Level	Well Construction
0		1	2.3	1	TOPSOIL: Topsoil		WELLCAP
5		1	12.8	1-2	CLAYEY SILT: Red brown clayey silt, trace mica		GROUTED ANNULUS
10		1	35.9	1-2	SILT: Brown silt, some fine grained sand, some clay, trace mica		SCH 40 PVC CASING
15		1	24.4	1-2			
20		1	34.4	1-2			
25		2	67.8	1-2	CLAYEY SILT: Brown clayey silt, some pebbles, trace mica		
30		2	38.6	1-2	CLAYEY SILT: Gray brown clayey silt, trace mica		BENTONITE
35		2	15.1	2			
40		2	17.3	3			GRAVEL PACK
45		2	N/A	3			
50					WEATHERED ROCK: Partially weathered rock		SCH 40 WELLSCREEN

Total Depth = 52 ft bgs

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WELL LOG

MONITORING WELL #: MW-27
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L.Ortman
START DATE: 6/3/09 FINISH DATE: 6/3/09
DRILLING COMPANY: Geologic Exploration
DRILLER: James Hess (Cert #D1929)
DRILLING METHOD: Hollow Stem Auger

HOLE DIAMETER: 9"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 149.99
WATER LEVEL: 46.59 ft bgs
EASTING: 633.8656
NORTHING: 1260.9905
DEVELOPMENT: Pumping/Surging

Casing Interval 0-40 ft bgs | Bentonite Interval 36-38 ft bgs | Filter Interval 38-55 ft bgs
Screen Interval 40-55 ft bgs | Grout Interval 0-36 ft bgs | Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology (SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.)	Water Level	Well Construction
0		1	39.4	1	TOPSOIL: Topsoil		WELLCAP
5		1	45.7	1-2	CLAYEY SILT: Red brown clayey silt, trace mica		GROUTED ANNULUS
10		1	28.2	1-2	SILT: Brown silt, some fine grained sand, some clay, trace mica		
15		1	63.8	1-2			SCH 40 PVC CASING
20		1	52.5	1-2			
25		2	169	1-2			
30		2	361	1-2			
35		2	554	2			BENTONITE
40		3	N/A	3			GRAVEL PACK
45					CLAYEY SILT: Brown clayey silt, trace mica		
50					CLAYEY SILT: Gray brown clayey silt, trace mica		SCH 40 WELLSCREEN
55							

Total Depth = 55 ft bgs

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WELL LOG

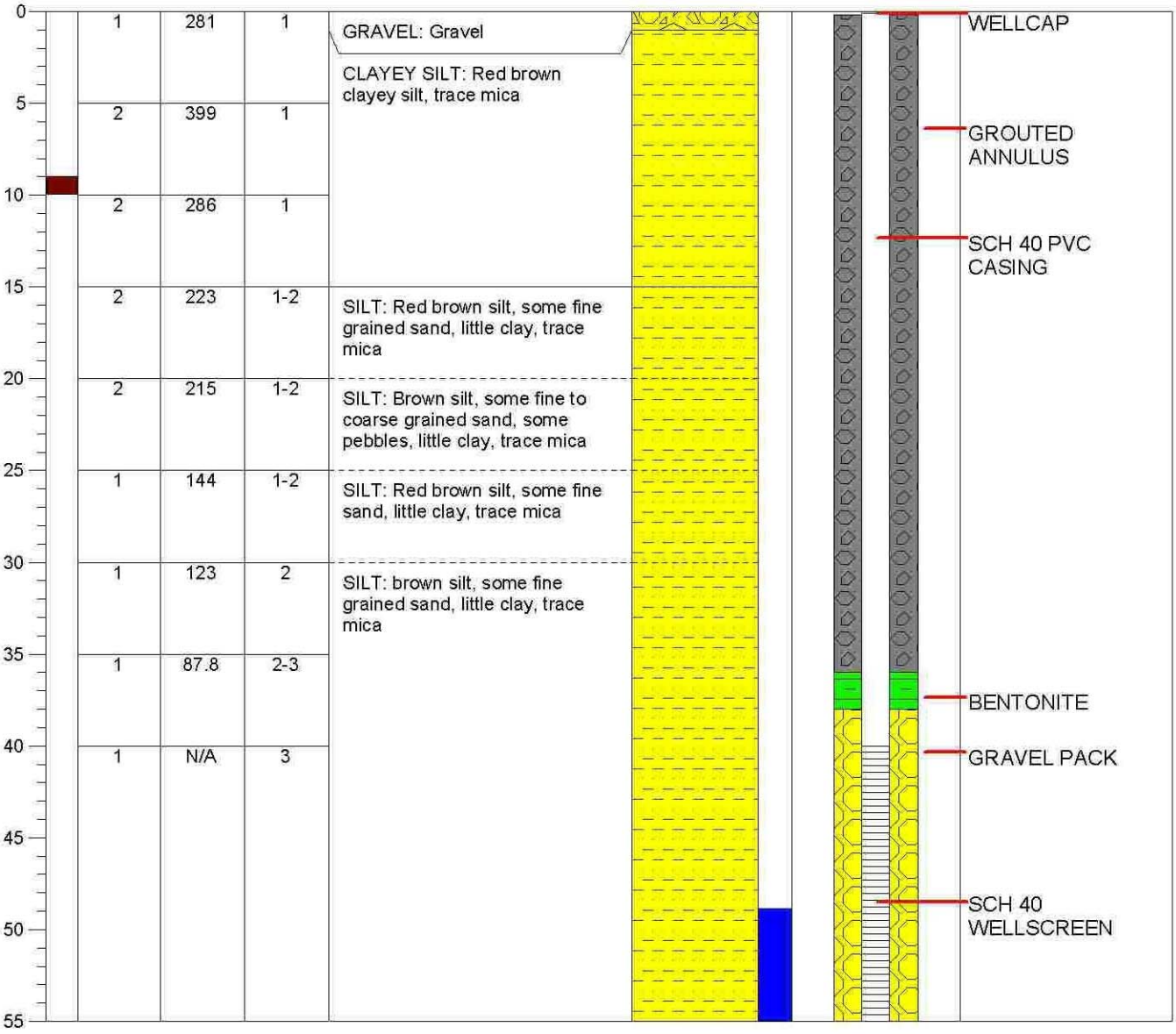
MONITORING WELL #: MW-28
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L.Ortman
START DATE: 6/17/09 FINISH DATE: 6/17/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Jerry Watkins (Cert # 1979)
DRILLING METHOD: Air

HOLE DIAMETER: 6"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 152.24
WATER LEVEL: 48.87 ft bgs
EASTING: 694.5135
NORTHING: 1293.3044
DEVELOPMENT: Pumping/Surging

Casing Interval 0-40 ft bgs | Bentonite Interval 36-38 ft bgs | Filter Interval 38-55 ft bgs
Screen Interval 40-55 ft bgs | Grout Interval 0-36 ft bgs | Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology (SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.)	Water Level
0–5		1	281	1	GRAVEL: Gravel CLAYEY SILT: Red brown clayey silt, trace mica	
5–10		2	399	1		
10–15		2	286	1		
15–20		2	223	1-2	SILT: Red brown silt, some fine grained sand, little clay, trace mica	
20–25		2	215	1-2	SILT: Brown silt, some fine to coarse grained sand, some pebbles, little clay, trace mica	
25–30		1	144	1-2	SILT: Red brown silt, some fine sand, little clay, trace mica	
30–35		1	123	2	SILT: brown silt, some fine grained sand, little clay, trace mica	
35–40		1	87.8	2-3		
40–45		1	N/A	3		
45–50						
50–55						



Well Construction

Total Depth = 55 ft bgs

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WELL LOG

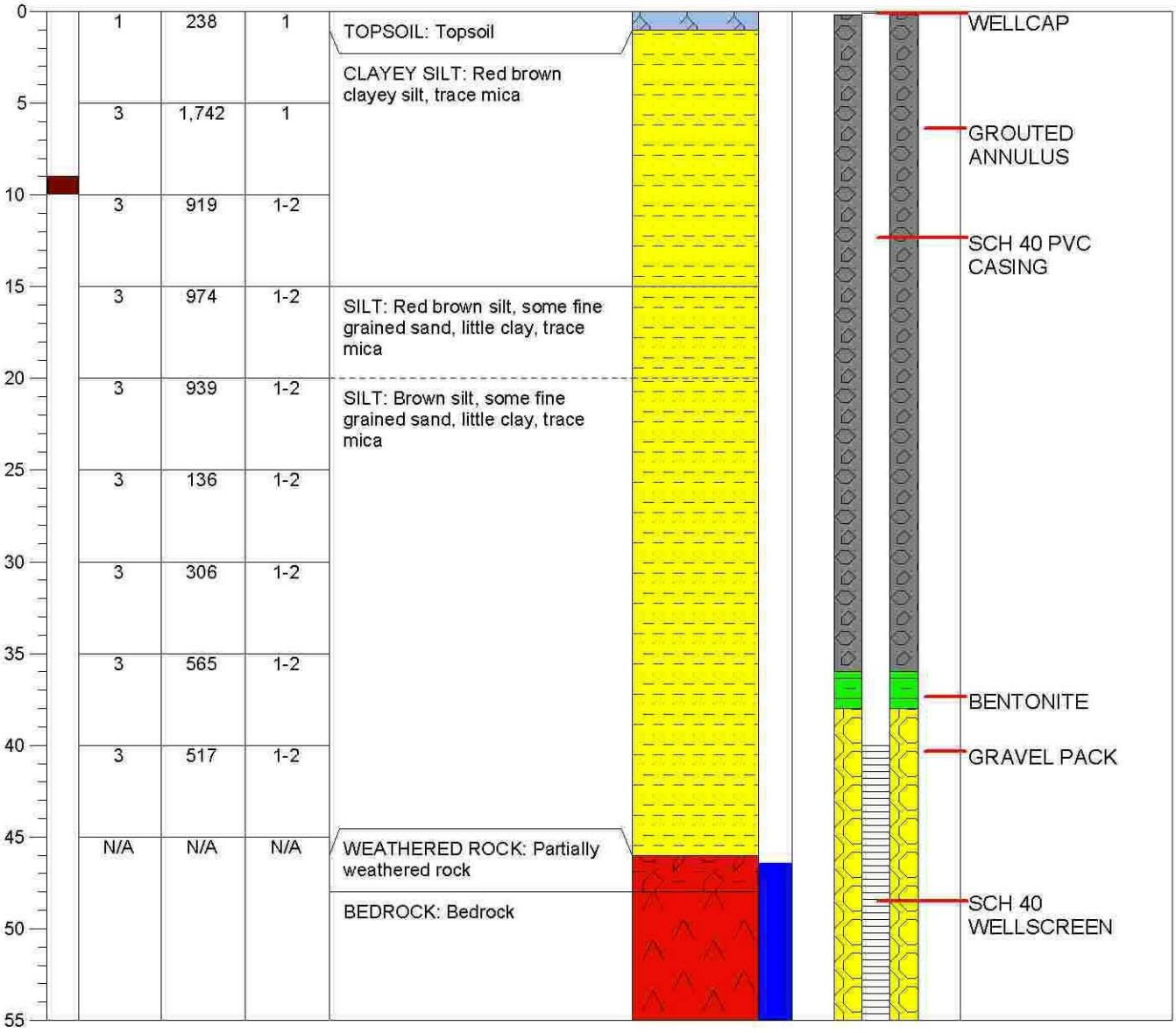
MONITORING WELL #: MW-29
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L.Ortman
START DATE: 6/2/09 FINISH DATE: 6/2/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Jerry Watkins (Cert # 1979)
DRILLING METHOD: Air

HOLE DIAMETER: 6"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 152.17
WATER LEVEL: 46.43 ft bgs
EASTING: 574.7768
NORTHING: 1189.8082
DEVELOPMENT: Pumping/Surging

Casing Interval 0-40 ft bgs | Bentonite Interval 36-38 ft bgs | Filter Interval 38-55 ft bgs
Screen Interval 40-55 ft bgs | Grout Interval 0-36 ft bgs | Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology	Water Level	Well Construction
0		1	238	1	TOPSOIL: Topsoil		WELLCAP
5		3	1,742	1	CLAYEY SILT: Red brown clayey silt, trace mica		GROUTED ANNULUS
10		3	919	1-2			SCH 40 PVC CASING
15		3	974	1-2	SILT: Red brown silt, some fine grained sand, little clay, trace mica		
20		3	939	1-2	SILT: Brown silt, some fine grained sand, little clay, trace mica		
25		3	136	1-2			
30		3	306	1-2			
35		3	565	1-2			BENTONITE
40		3	517	1-2			GRAVEL PACK
45		N/A	N/A	N/A	WEATHERED ROCK: Partially weathered rock		
50					BEDROCK: Bedrock		SCH 40 WELLSCREEN
55							



Total Depth = 55 ft bgs

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WELL LOG

MONITORING WELL #: MW-30
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L. Ortman
START DATE: 6/4/09 FINISH DATE: 6/4/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Jerry Watkins (Cert # 1979)
DRILLING METHOD: Air

HOLE DIAMETER: 6"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 151.23
WATER LEVEL: 40.72 ft bgs
EASTING: 574.6272
NORTHING: 1149.9616
DEVELOPMENT: Pumping/Surging

Casing Interval 0-45 ft bgs Bentonite Interval 41-43 ft bgs Filter Interval 43-60 ft bgs
Screen Interval 45-60 ft bgs Grout Interval 0-41 ft bgs Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology	Water Level	Well Construction
0		1	79.2	1	CONCRETE: Concrete		WELLCAP
5		1	45.1	1	CLAYEY SILT: Red-brown clayey silt, trace mica		
10		1	30.3	1	SILT: Red silt, some fine grained sand, little clay, trace mica		GROUTED ANNULUS
15		1	59.6	1-2	SILT: Red-brown silt, some fine grained sand, little clay, trace mica		
20		2	91.4	1-2			
25		2	118	1-2			SCH 40 PVC CASING
30		N/A	N/A	2	WEATHERED ROCK: Partially weathered rock		
		N/A	N/A	N/A	BEDROCK: Bedrock		
35							
40							BENTONITE
45							
50							GRAVEL PACK
55							SCH 40 WELLSCREEN
60							

Total Depth = 60 ft bgs

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WELL LOG

MONITORING WELL #: MW-31
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L.Ortman
START DATE: 6/10/09 FINISH DATE: 6/10/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Jerry Watkins (Cert # 1979)
DRILLING METHOD: Air

HOLE DIAMETER: 6"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 148.95
WATER LEVEL: 32.82 ft bgs
EASTING: 551.7006
NORTHING: 1004.3141
DEVELOPMENT: Pumping/Surging

Casing Interval 0-26 ft bgs | Bentonite Interval 22-24 ft bgs | Filter Interval 24-41 ft bgs
Screen Interval 26-41 ft bgs | Grout Interval 0-22 ft bgs | Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology	Water Level	Well Construction
0–5		1	3.1	1	TOPSOIL: Topsoil CLAYEY SILT: Red brown clayey silt, trace mica		WELLCAP
5–10		1	3.8	1	CLAYEY SILT: Red brown clayey silt, trace mica		GROUTED ANNULUS
10–15		1	2.4	1	CLAYEY SILT: Red brown clayey silt, trace mica		SCH 40 PVC CASING
15–20		1	9.4	1	SILT: Brown silt, some fine to coarse grained sand, little clay, little pebbles, trace mica		
20–25		1	18.8	2	SILT: Gray brown silt, some fine to coarse grained sand, some pebbles, trace mica		BENTONITE
25–30		1	10.1	2	SILT: Gray silt, some fine to coarse grained sand, some pebbles, trace mica WEATHERED ROCK: Partially weathered rock		GRAVEL PACK
30–35		N/A	N/A	N/A	WEATHERED ROCK: Partially weathered rock		
35–40					BEDROCK: Bedrock		SCH 40 WELLSCREEN

Total Depth = 41 ft bgs

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WELL LOG

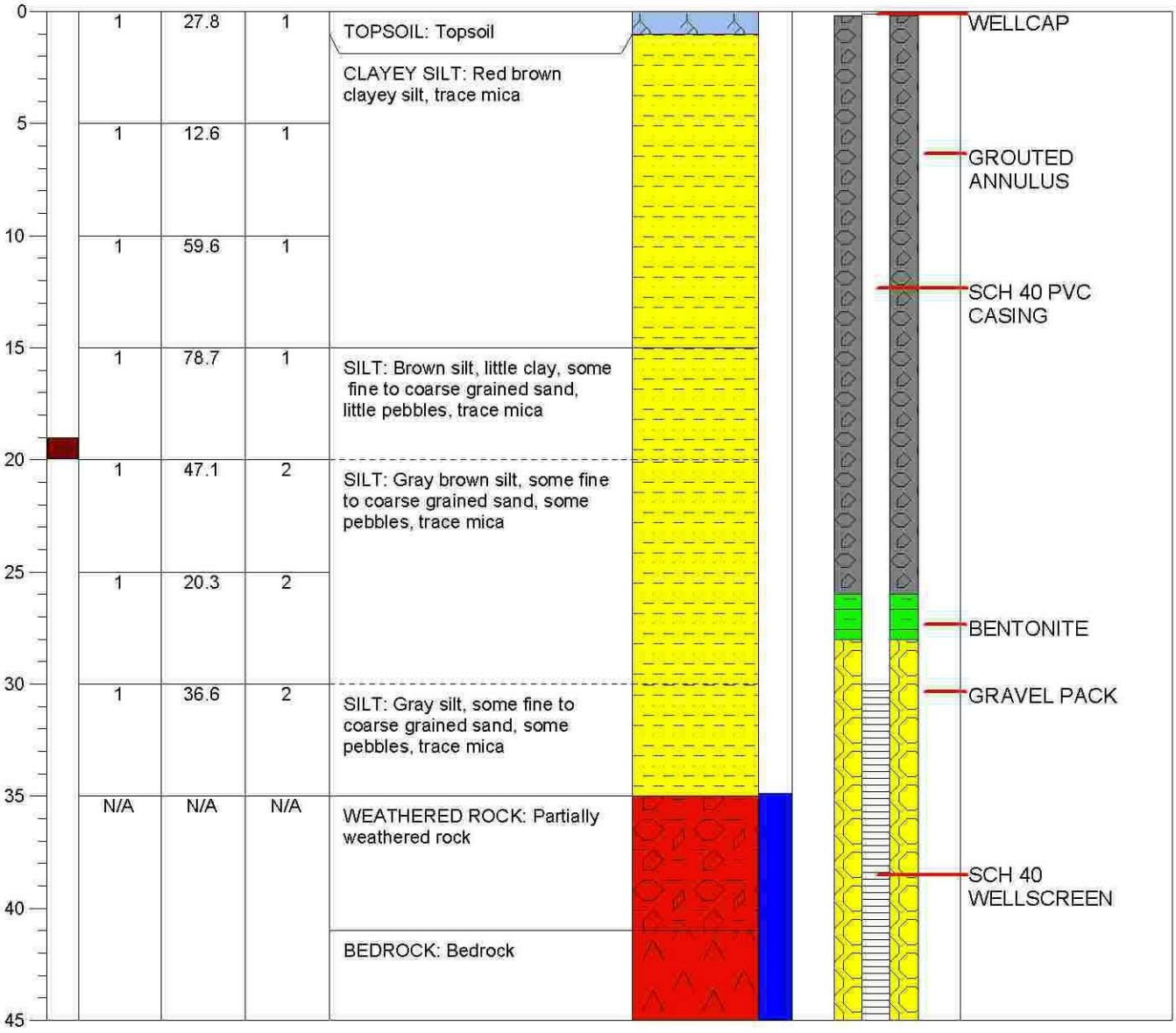
MONITORING WELL #: MW-32
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L.Ortman
START DATE: 6/10/09 FINISH DATE: 6/10/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Jerry Watkins (Cert # 1979)
DRILLING METHOD: Air

HOLE DIAMETER: 6"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 150.06
WATER LEVEL: 34.86 ft bgs
EASTING: 588.6298
NORTHING: 1003.0456
DEVELOPMENT: Pumping/Surging

Casing Interval 0-30 ft bgs Bentonite Interval 26-28 ft bgs Filter Interval 28-45 ft bgs
Screen Interval 30-45 ft bgs Grout Interval 0-26 ft bgs Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology (SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.)	Water Level	Well Construction
0		1	27.8	1	TOPSOIL: Topsoil		WELLCAP
					CLAYEY SILT: Red brown clayey silt, trace mica		
5		1	12.6	1			GROUTED ANNULUS
10		1	59.6	1			SCH 40 PVC CASING
15		1	78.7	1	SILT: Brown silt, little clay, some fine to coarse grained sand, little pebbles, trace mica		
20		1	47.1	2	SILT: Gray brown silt, some fine to coarse grained sand, some pebbles, trace mica		
25		1	20.3	2			BENTONITE
30		1	36.6	2	SILT: Gray silt, some fine to coarse grained sand, some pebbles, trace mica		GRAVEL PACK
35		N/A	N/A	N/A	WEATHERED ROCK: Partially weathered rock		SCH 40 WELLSCREEN
40					BEDROCK: Bedrock		
45							



Total Depth = 45 ft bgs

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WELL LOG

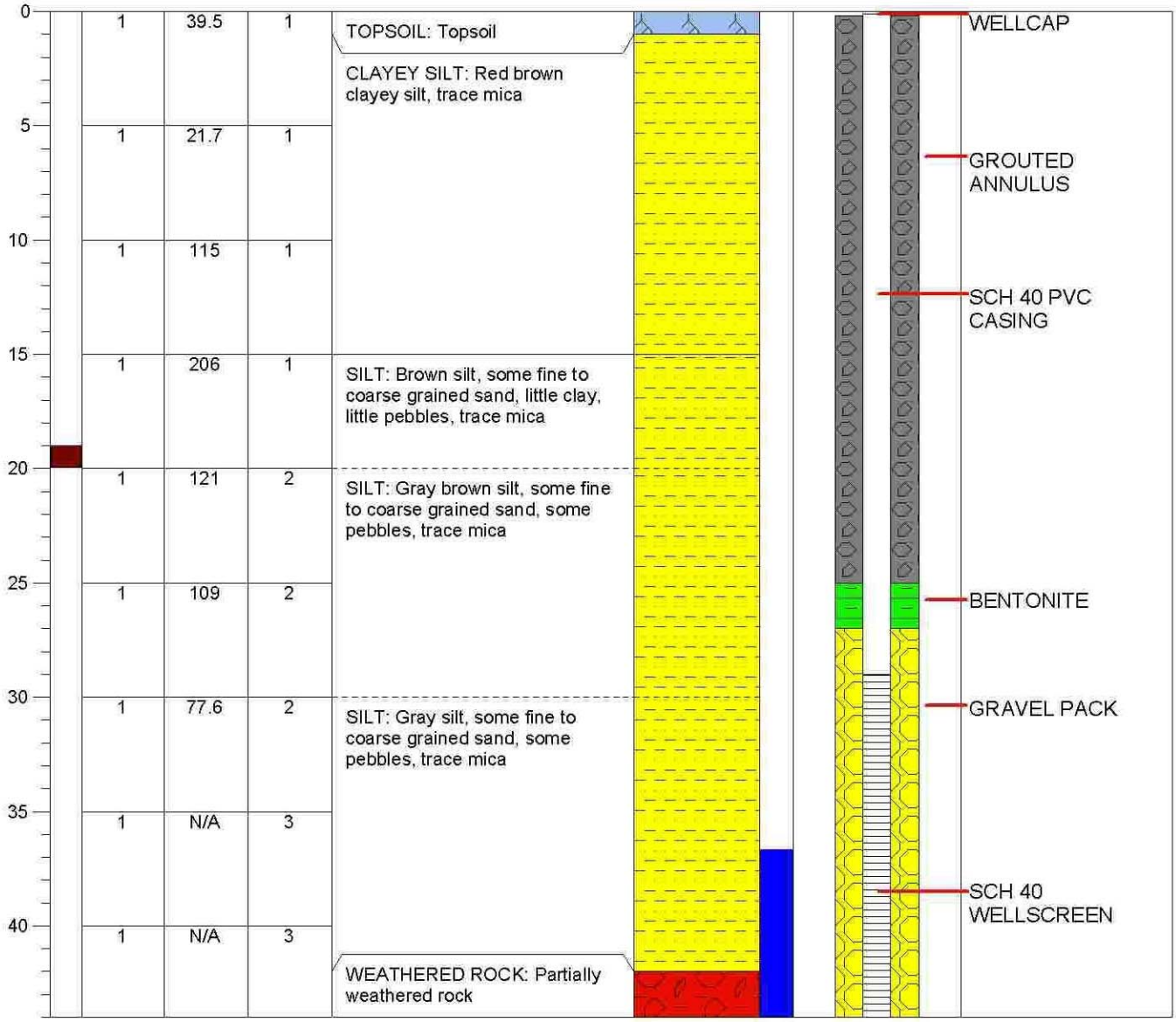
MONITORING WELL #: MW-33
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L.Ortman
START DATE: 6/10/09 FINISH DATE: 6/10/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Jerry Watkins (Cert # 1979)
DRILLING METHOD: Air

HOLE DIAMETER: 6"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 151.57
WATER LEVEL: 36.67 ft bgs
EASTING: 623.2069
NORTHING: 1001.2328
DEVELOPMENT: Pumping/Surging

Casing Interval 0-29 ft bgs | Bentonite Interval 25-27 ft bgs | Filter Interval 27-44 ft bgs
Screen Interval 29-44 ft bgs | Grout Interval 0-25 ft bgs | Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology (SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.)	Water Level	Well Construction
0		1	39.5	1	TOPSOIL: Topsoil CLAYEY SILT: Red brown clayey silt, trace mica		WELLCAP
5		1	21.7	1			GROUTED ANNULUS
10		1	115	1			SCH 40 PVC CASING
15		1	206	1	SILT: Brown silt, some fine to coarse grained sand, little clay, little pebbles, trace mica		
20		1	121	2	SILT: Gray brown silt, some fine to coarse grained sand, some pebbles, trace mica		
25		1	109	2			BENTONITE
30		1	77.6	2	SILT: Gray silt, some fine to coarse grained sand, some pebbles, trace mica		GRAVEL PACK
35		1	N/A	3			
40		1	N/A	3	WEATHERED ROCK: Partially weathered rock		SCH 40 WELLSCREEN



Total Depth = 44 ft bgs

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WELL LOG

MONITORING WELL #: MW-34
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L.Ortman
START DATE: 6/8/09 FINISH DATE: 6/8/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Jerry Watkins (Cert # 1979)
DRILLING METHOD: Air

HOLE DIAMETER: 6"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 153.7
WATER LEVEL: 39.61 ft bgs
EASTING: 689.1867
NORTHING: 997.1738
DEVELOPMENT: Pumping/Surging

Casing Interval 0-30 ft bgs | Bentonite Interval 26-28 ft bgs | Filter Interval 28-45 ft bgs
Screen Interval 30-45 ft bgs | Grout Interval 0-26 ft bgs | Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology (SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.)	Water Level	Well Construction
0		1	20.9	1	ASPHALT: Asphalt CLAYEY SILT: Red orange clayey silt, trace mica		WELLCAP
5		1	17.9	1			GROUTED ANNULUS
10		1	24.0	1	SILT: Red orange silt, some fine grained sand, little clay, trace mica		SCH 40 PVC CASING
15		1	29.2	1-2	SILT: Red brown silt, some fine grained sand, little clay, trace mica		
20		1	20.5	1-2			
25		1	16.2	1-2			BENTONITE
30		1	15.4	2	SILT: Brown silt, some fine grained sand, little clay, trace mica		GRAVEL PACK
35		1	N/A	2-3			
40		1	N/A	3			SCH 40 WELLSCREEN
45							

Total Depth = 45 ft bgs

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WELL LOG

MONITORING WELL #: MW-35
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L.Ortman
START DATE: 6/8/09 FINISH DATE: 6/8/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Jerry Watkins (Cert # 1979)
DRILLING METHOD: Air

HOLE DIAMETER: 6"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 154.52
WATER LEVEL: 40.48 ft bgs
EASTING: 724.1784
NORTHING: 996.5999
DEVELOPMENT: Pumping/Surging

Casing Interval 0-31 ft bgs | Bentonite Interval 27-29 ft bgs | Filter Interval 29-46 ft bgs
Screen Interval 31-46 ft bgs | Grout Interval 0-27 ft bgs | Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology (SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.)	Water Level	Well Construction
0		1	76.9	1	ASPHALT: Asphalt CLAYEY SILT: Red orange clayey silt, trace mica		WELLCAP
5		1	94.3	1			GROUTED ANNULUS
10		1	59.3	1	SILT: Red orange silt, some fine grained sand, little clay, trace mica		SCH 40 PVC CASING
15		1	32.7	1	SILT: Red brown silt, some fine grained sand,little clay, trace mica		
20		1	117	1-2			
25		1	72.3	1-2			BENTONITE GRAVEL PACK
30		1	66.6	1-2	SILT: Brown silt, some fine grained sand, little clay, trace mica		
35		1	N/A	2-3			
40		1	N/A	2-3			SCH 40 WELLSCREEN
45		1	N/A	3			

Total Depth = 46 ft bgs

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WELL LOG

MONITORING WELL #: MW-36
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L.Ortman
START DATE: 6/16/09 FINISH DATE: 6/16/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Jerry Watkins (Cert # 1979)
DRILLING METHOD: Air

HOLE DIAMETER: 6"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 156.04
WATER LEVEL: 40.42 ft bgs
EASTING: 715.7587
NORTHING: 920.5258
DEVELOPMENT: Pumping/Surging

Casing Interval 0-31 ft bgs | Bentonite Interval 27-29 ft bgs | Filter Interval 29-46 ft bgs
Screen Interval 31-46 ft bgs | Grout Interval 0-27 ft bgs | Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology (SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.)	Water Level	Well Construction
0		1	0.2	1	GRAVEL: Gravel CLAYEY SILT: Red orange clayey silt, trace mica		WELLCAP
5		1	0.0	1			GROUTED ANNULUS
10		1	82.7	1-2	SILT: Red orange silt, some fine grained sand, little clay, trace mica		SCH 40 PVC CASING
15		1	93.8	1-2	SILT: Red brown silt, some fine grained sand, little clay, trace mica		
20		1	79.9	2			
25		1	113	2			BENTONITE
30		1	N/A	2-3	SILT: Brown silt, some fine grained sand, little clay, trace mica		GRAVEL PACK
35		1	N/A	3			
40							SCH 40 WELLSCREEN
45							

Total Depth = 46 ft bgs

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WELL LOG

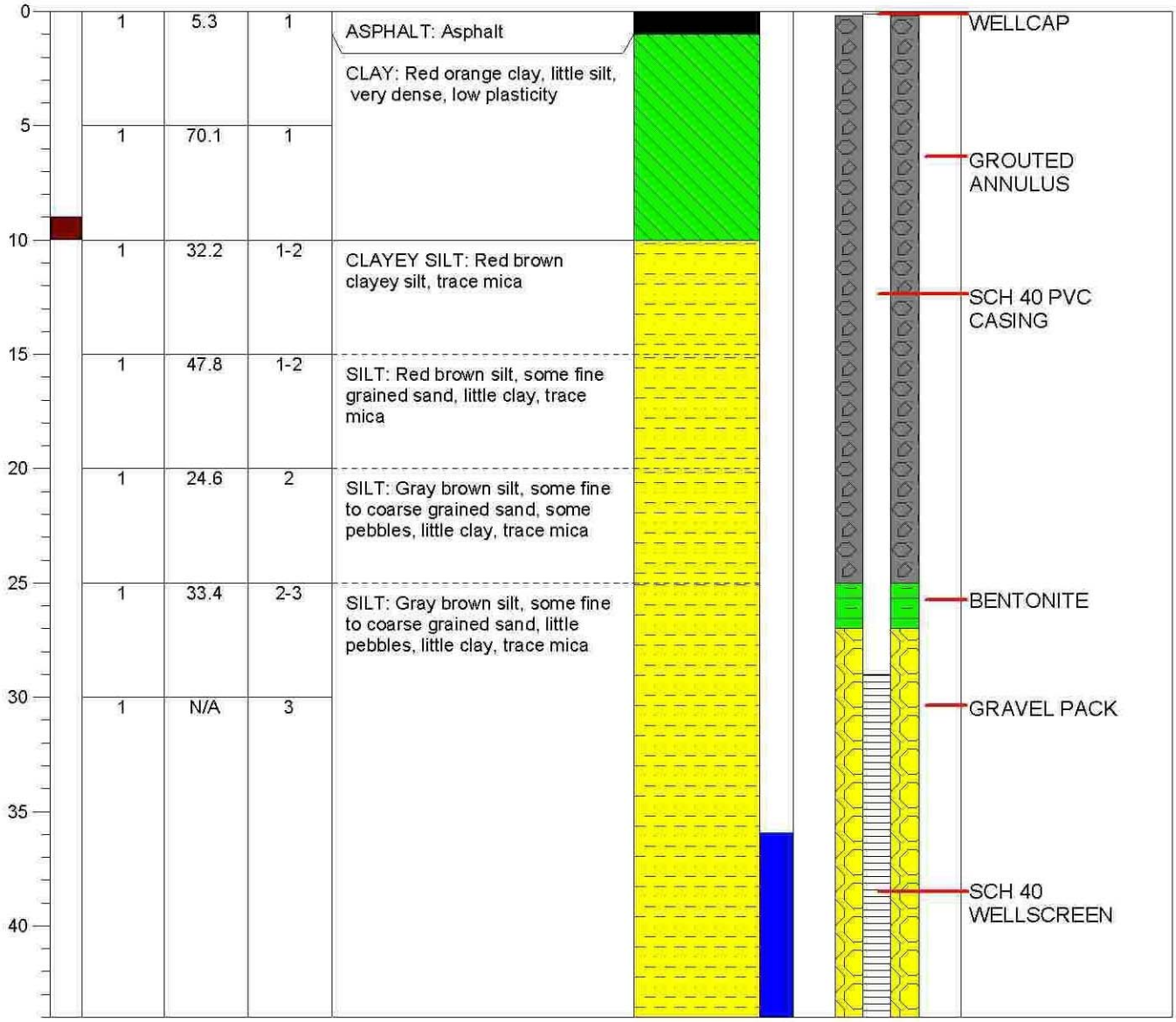
MONITORING WELL #: MW-37
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L.Ortman
START DATE: 6/16/09 FINISH DATE: 6/16/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Jerry Watkins (Cert # 1979)
DRILLING METHOD: Air

HOLE DIAMETER: 6"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 151.73
WATER LEVEL: 35.92 ft bgs
EASTING: 629.0631
NORTHING: 917.9847
DEVELOPMENT: Pumping/Surging

Casing Interval 0-29 ft bgs | Bentonite Interval 25-27 ft bgs | Filter Interval 27-44 ft bgs
Screen Interval 29-44 ft bgs | Grout Interval 0-25 ft bgs | Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology (SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.)	Water Level	Well Construction
0		1	5.3	1	ASPHALT: Asphalt CLAY: Red orange clay, little silt, very dense, low plasticity		WELLCAP
5		1	70.1	1			GROUTED ANNULUS
10		1	32.2	1-2	CLAYEY SILT: Red brown clayey silt, trace mica		SCH 40 PVC CASING
15		1	47.8	1-2	SILT: Red brown silt, some fine grained sand, little clay, trace mica		
20		1	24.6	2	SILT: Gray brown silt, some fine to coarse grained sand, some pebbles, little clay, trace mica		
25		1	33.4	2-3	SILT: Gray brown silt, some fine to coarse grained sand, little pebbles, little clay, trace mica		BENTONITE
30		1	N/A	3			GRAVEL PACK
35							
40							SCH 40 WELLSCREEN



Total Depth = 44 ft bgs

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WELL LOG

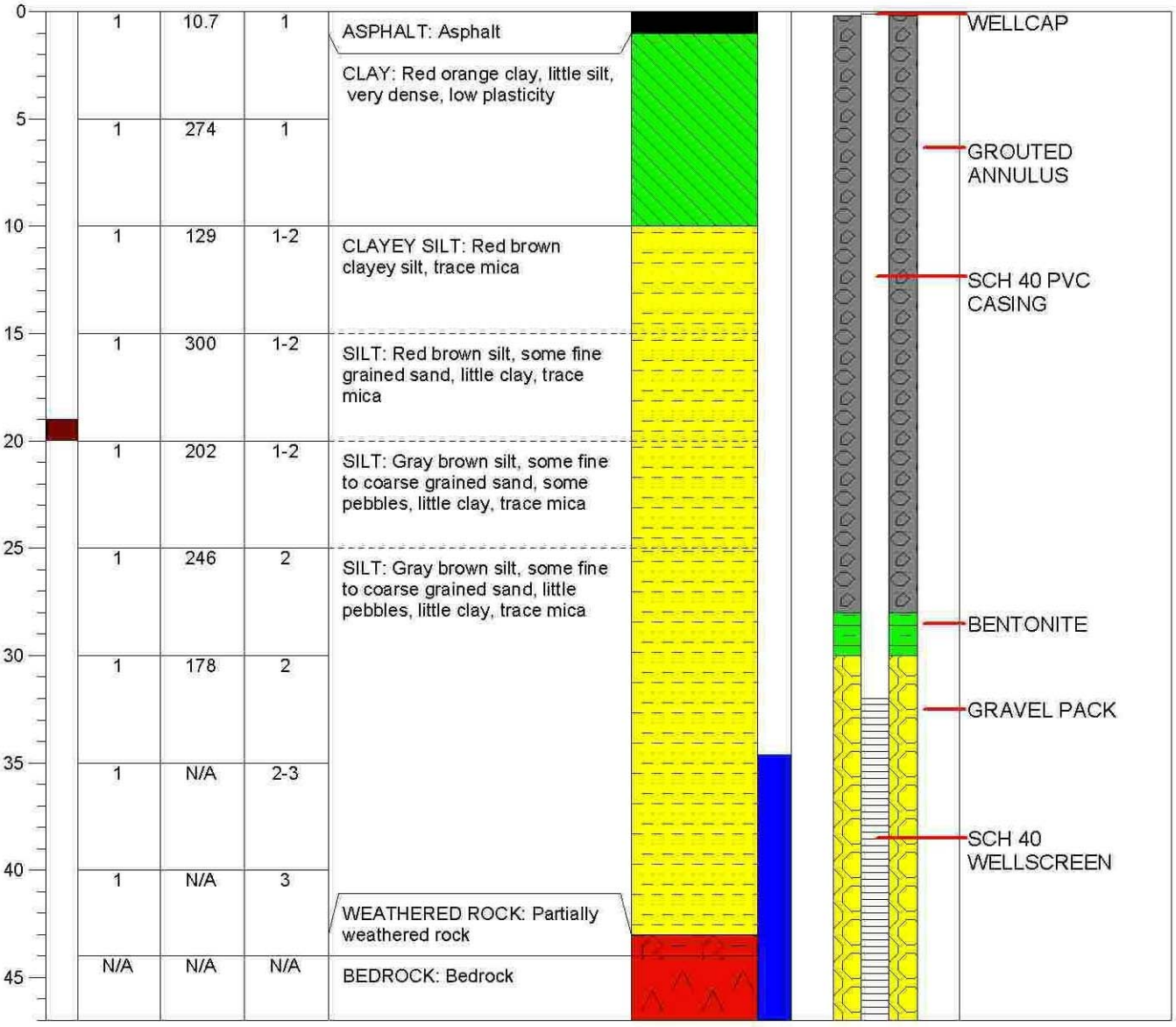
MONITORING WELL #: MW-38
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L.Ortman
START DATE: 6/4/09 FINISH DATE: 6/4/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Jerry Watkins (Cert # 1979)
DRILLING METHOD: Air

HOLE DIAMETER: 6"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 150.63
WATER LEVEL: 34.61 ft bgs
EASTING: 588.8711
NORTHING: 923.0801
DEVELOPMENT: Pumping/Surging

Casing Interval 0-32 ft bgs | Bentonite Interval 28-30 ft bgs | Filter Interval 30-47 ft bgs
Screen Interval 32-47 ft bgs | Grout Interval 0-28 ft bgs | Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology (SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.)	Water Level
0		1	10.7	1	ASPHALT: Asphalt	
					CLAY: Red orange clay, little silt, very dense, low plasticity	
5		1	274	1		
10		1	129	1-2	CLAYEY SILT: Red brown clayey silt, trace mica	
15		1	300	1-2	SILT: Red brown silt, some fine grained sand, little clay, trace mica	
20		1	202	1-2	SILT: Gray brown silt, some fine to coarse grained sand, some pebbles, little clay, trace mica	
25		1	246	2	SILT: Gray brown silt, some fine to coarse grained sand, little pebbles, little clay, trace mica	
30		1	178	2		
35		1	N/A	2-3		
40		1	N/A	3	WEATHERED ROCK: Partially weathered rock	
45		N/A	N/A	N/A	BEDROCK: Bedrock	



Well Construction

Total Depth = 47 ft bgs

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WELL LOG

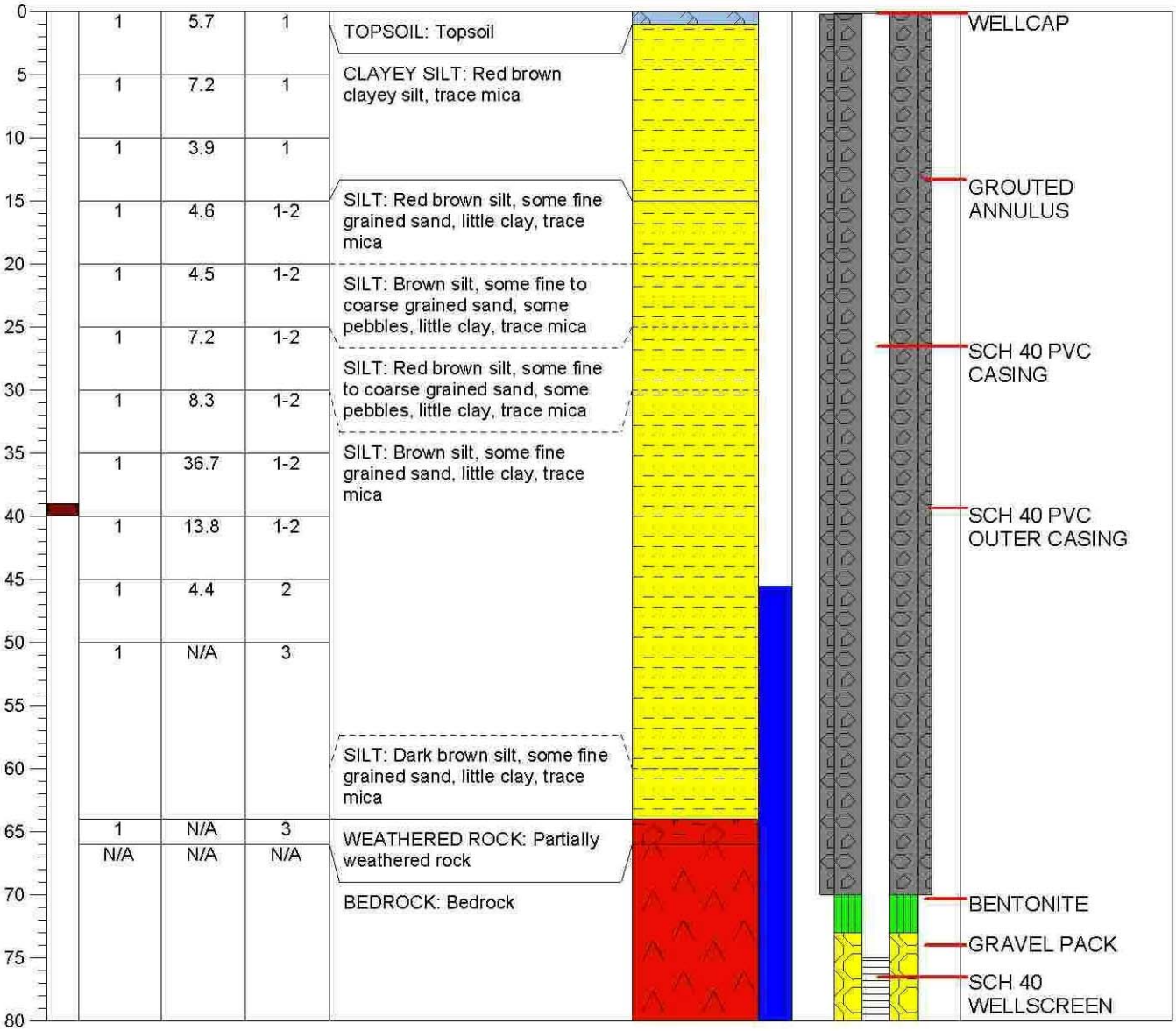
MONITORING WELL #: DW-5
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L. Ortman
START DATE: 6/2/09 FINISH DATE: 6/5/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Jerry Watkins (Cert # 1979)
DRILLING METHOD: Air

HOLE DIAMETER: 5 7/8"
CASING DIAMETER: 2"/6"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 150.19
WATER LEVEL: 45.55 ft bgs
EASTING: 703.8942
NORTHING: 1342.4176
DEVELOPMENT: Pumping/Surging

Casing Interval 0-75 ft bgs | Bentonite Interval 70-73 ft bgs | Filter Interval 73-80 ft bgs
Screen Interval 75-80 ft bgs | Grout Interval 0-70 ft bgs | Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology (SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.)	Water Level	Well Construction
0		1	5.7	1	TOPSOIL: Topsoil		WELLCAP
5		1	7.2	1	CLAYEY SILT: Red brown clayey silt, trace mica		
10		1	3.9	1			
15		1	4.6	1-2	SILT: Red brown silt, some fine grained sand, little clay, trace mica		GROUTED ANNULUS
20		1	4.5	1-2	SILT: Brown silt, some fine to coarse grained sand, some pebbles, little clay, trace mica		
25		1	7.2	1-2			SCH 40 PVC CASING
30		1	8.3	1-2	SILT: Red brown silt, some fine to coarse grained sand, some pebbles, little clay, trace mica		
35		1	36.7	1-2	SILT: Brown silt, some fine grained sand, little clay, trace mica		
40		1	13.8	1-2			SCH 40 PVC OUTER CASING
45		1	4.4	2			
50		1	N/A	3			
55							
60					SILT: Dark brown silt, some fine grained sand, little clay, trace mica		
65		1	N/A	3	WEATHERED ROCK: Partially weathered rock		BENTONITE
70		N/A	N/A	N/A	BEDROCK: Bedrock		GRAVEL PACK
75							SCH 40 WELLSCREEN
80							



Total Depth = 80 ft bgs

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WELL LOG

MONITORING WELL #: DW-6
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L. Ortman
START DATE: 6/8/09 FINISH DATE: 6/15/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Jerry Watkins (Cert # 1979)
DRILLING METHOD: Air

HOLE DIAMETER: 5 7/8"
CASING DIAMETER: 2"/6"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 153.57
WATER LEVEL: 63.39 ft bgs
EASTING: 684.914
NORTHING: 1205.7997
DEVELOPMENT: Pumping/Surging

Casing Interval 0-115 ft bgs Bentonite Interval 111-113 ft bgs Filter Interval 113-130 ft bgs
Screen Interval 115-130 ft bgs Grout Interval 0-111 ft bgs Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology	Water Level	Well Construction
0-5		1	211	1	TOPSOIL: Topsoil		WELLCAP
5-10		1	165	1-2	CLAYEY SILT: Red brown clayey silt, trace mica		
10-15		1	387	1-2			
15-20		1	293	1-2	CLAYEY SILT: Dark brown clayey silt, trace mica		GROUTED ANNULUS
20-25		1	263	1-2			
25-30		2	600	1-2	SILT: Brown silt, some fine grained sand, little clay, trace mica		SCH 40 PVC CASING
30-35		1	354	1-2			
35-40		1	248	1-2	SILT: Brown silt, some fine grained sand and pebbles, little clay, trace mica		
40-45		1	N/A	2			SCH 40 PVC OUTER CASING
45-50		N/A	N/A	N/A	WEATHERED ROCK: Partially weathered rock		
50-55							
55-60					BEDROCK: Bedrock		
60-65							
65-70							
70-75							
75-80							
80-85							
85-90							
90-95							
95-100							
100-105							
105-110							BENTONITE
110-115							GRAVEL PACK
115-120							
120-125							SCH 40 WELLSCREEN
125-130							

Total Depth = 130 ft bgs

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WELL LOG

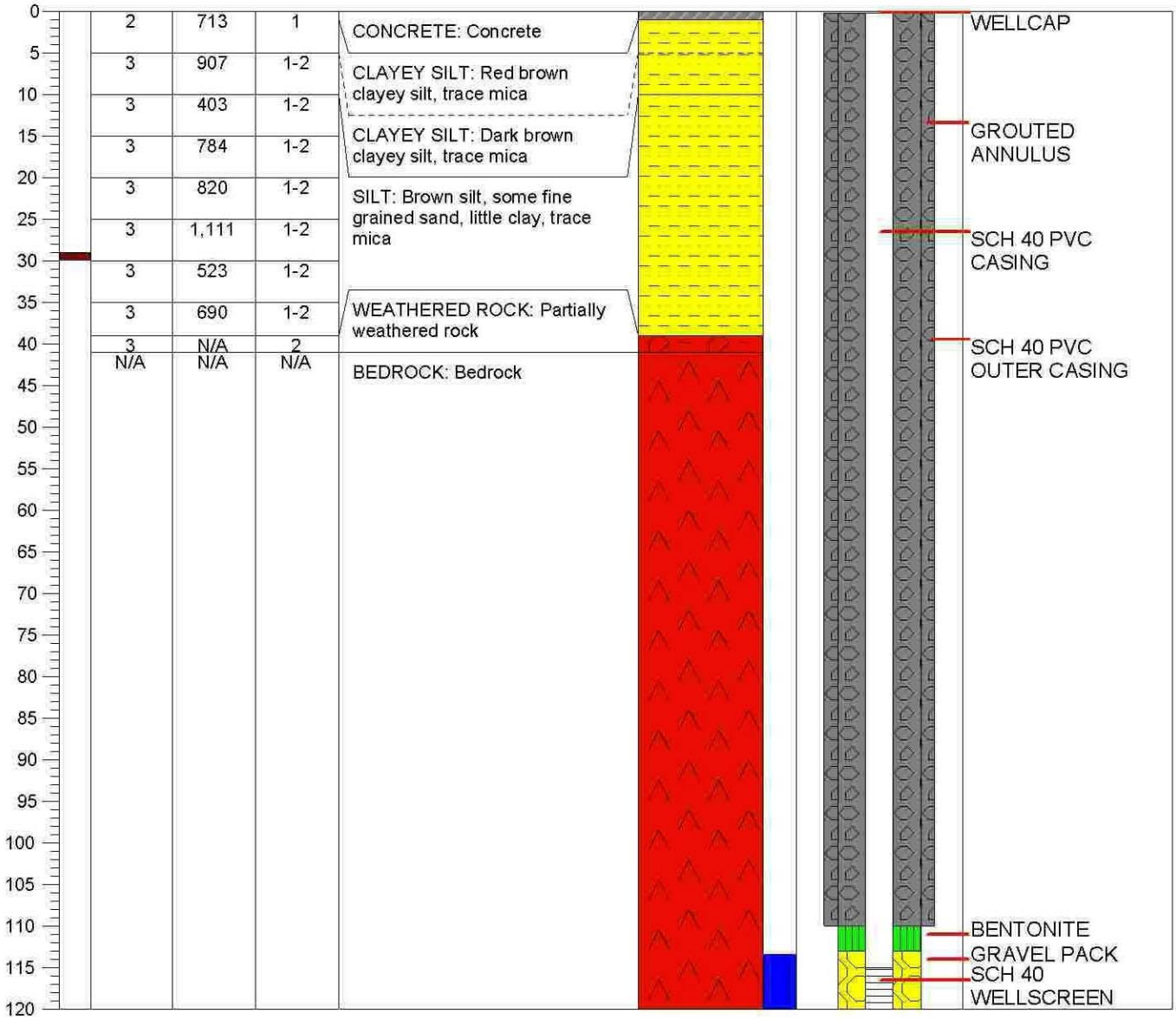
MONITORING WELL #: DW-7
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L. Ortman
START DATE: 6/3/09 FINISH DATE: 6/15/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Jerry Watkins (Cert # 1979)
DRILLING METHOD: Air

HOLE DIAMETER: 5 7/8"
CASING DIAMETER: 2"/6"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 151.97
WATER LEVEL: 113.41 ft bgs
EASTING: 671.9926
NORTHING: 1147.7926
DEVELOPMENT: Pumping/Surging

Casing Interval 0-115 ft bgs Bentonite Interval 110-113 ft bgs Filter Interval 113-120 ft bgs
Screen Interval 115-120 ft bgs Grout Interval 0-110 ft bgs Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology	Water Level	Well Construction
0		2	713	1	CONCRETE: Concrete		WELLCAP
5		3	907	1-2	CLAYEY SILT: Red brown clayey silt, trace mica		
10		3	403	1-2			
15		3	784	1-2	CLAYEY SILT: Dark brown clayey silt, trace mica		GROUTED ANNULUS
20		3	820	1-2			
25		3	1,111	1-2	SILT: Brown silt, some fine grained sand, little clay, trace mica		
30		3	523	1-2			SCH 40 PVC CASING
35		3	690	1-2			
40		3	N/A	2	WEATHERED ROCK: Partially weathered rock		SCH 40 PVC OUTER CASING
45		N/A	N/A	N/A	BEDROCK: Bedrock		
50							
55							
60							
65							
70							
75							
80							
85							
90							
95							
100							
105							
110							BENTONITE
115							GRAVEL PACK
120							SCH 40 WELLSCREEN



Total Depth = 120 ft bgs

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WELL LOG

MONITORING WELL #: DW-9
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L. Ortman
START DATE: 6/4/09 FINISH DATE: 6/16/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Jerry Watkins (Cert # 1979)
DRILLING METHOD: Air

HOLE DIAMETER: 5 7/8"
CASING DIAMETER: 2"/6"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 151.96
WATER LEVEL: 37.64 ft bgs
EASTING: 630.2075
NORTHING: 922.6511
DEVELOPMENT: Pumping/Surging

Casing Interval 0-75 ft bgs | Bentonite Interval 71-73 ft bgs | Filter Interval 73-80 ft bgs
Screen Interval 75-80 ft bgs | Grout Interval 0-71 ft bgs | Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology (SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.)	Water Level	Well Construction
0		1	168	1	ASPHALT: Asphalt		WELLCAP
5		1	344	1-2	CLAYEY SILT: Red brown clayey silt, trace mica		
10		1	346	1-2	SILT: Red brown silt, some fine grained sand, little clay, trace mica		GROUTED ANNULUS
15		1	586	1-2			
20		1	229	1-2	SILT: Brown silt, some fine grained sand, little clay, trace mica		
25		1	173	1-2			SCH 40 PVC CASING
30		1	216	2	SILT: Brown gray silt, some fine to coarse grained sand, some pebbles, little clay, trace mica		
35		1	187	2			
40		1	N/A	3			SCH 40 PVC OUTER CASING
45							
50					WEATHERED ROCK: Partially weathered rock		
55		N/A	N/A	N/A	BEDROCK: Bedrock		
60							
65							
70							BENTONITE
75							GRAVEL PACK
80							SCH 40 WELLSCREEN

Total Depth = 80 ft bgs

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WELL LOG

MONITORING WELL #: DW-10
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L. Ortman
START DATE: 6/9/09 FINISH DATE: 6/16/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Jerry Watkins (Cert # 1979)
DRILLING METHOD: Air

HOLE DIAMETER: 5 7/8"
CASING DIAMETER: 2"/6"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 151.77
WATER LEVEL: 37.84 ft bgs
EASTING: 625.2021
NORTHING: 922.6146
DEVELOPMENT: Pumping/Surging

Casing Interval 0-115 ft bgs | Bentonite Interval 111-113 ft bgs | Filter Interval 113-120 ft bgs
Screen Interval 115-120 ft bgs | Grout Interval 0-111 ft bgs | Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology	Water Level	Well Construction
0-5		1	120	1	ASPHALT: Asphalt		WELLCAP
5-10		1	106	1	CLAYEY SILT: Red brown clayey silt, trace mica		
10-15		1	101	1-2			
15-20		1	214	1-2	SILT: Red brown silt, some fine grained sand, little clay, trace mica		GROUTED ANNULUS
20-25		1	195	1-2			
25-30		1	133	2	SILT: Brown silt, some fine grained sand, little clay, trace mica		SCH 40 PVC CASING
30-35		1	N/A	2-3			
35-40		1	N/A	3	SILT: Brown gray silt, some fine to coarse grained sand, some pebbles, little clay, trace mica		
40-45		1	N/A	3			SCH 40 PVC OUTER CASING
45-50		1	N/A	3	WEATHERED ROCK: Partially weathered rock		
50-55		N/A	N/A	N/A	BEDROCK: Bedrock		
55-60							
60-65							
65-70							
70-75							
75-80							
80-85							
85-90							
90-95							
95-100							
100-105							
105-110							BENTONITE
110-115							GRAVEL PACK
115-120							SCH 40 WELLSCREEN

Total Depth = 120 ft bgs

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WELL LOG

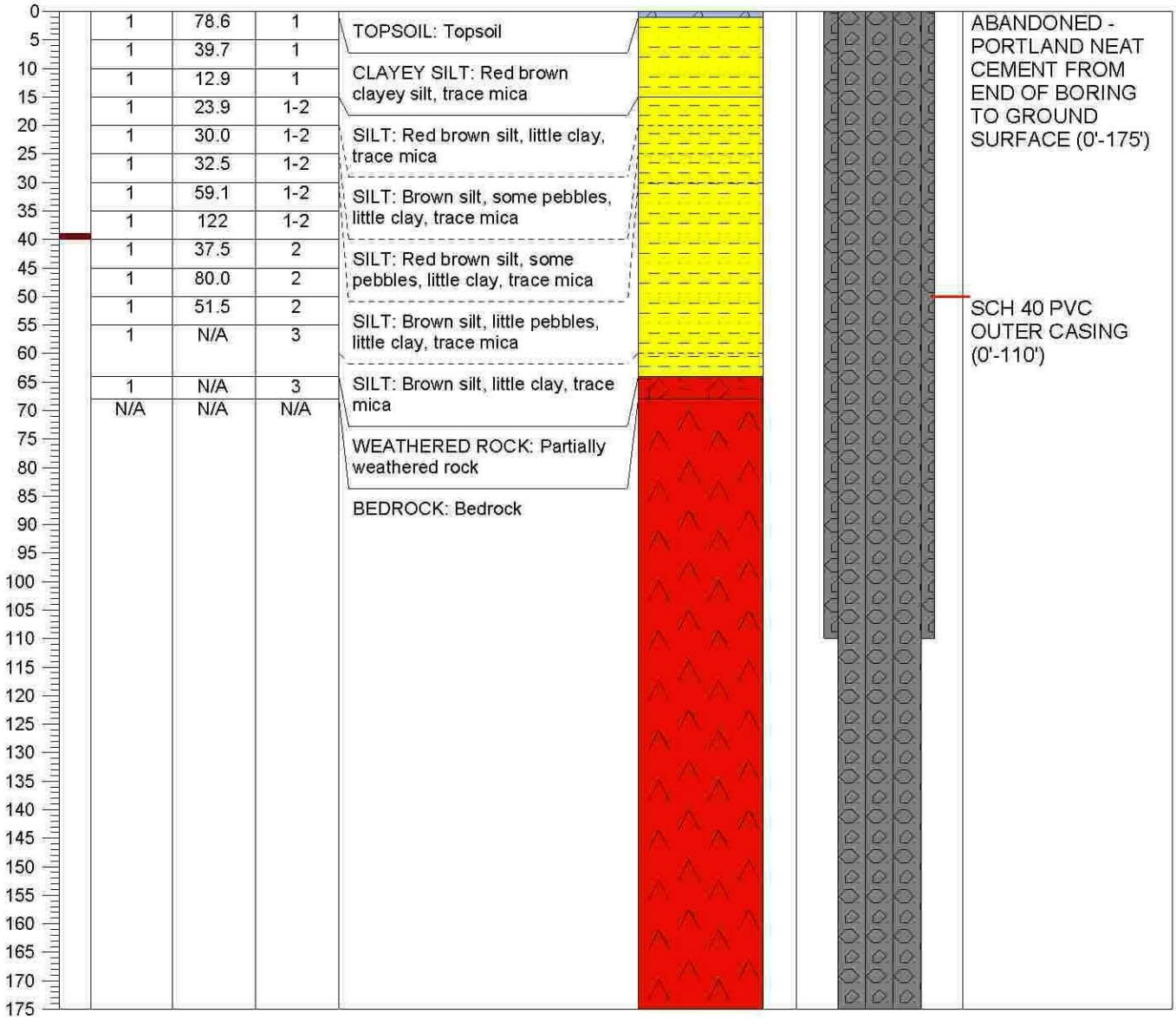
MONITORING WELL #: DW-4A
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L. Ortman
START DATE: 6/1/09 FINISH DATE: 6/18/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Jerry Watkins (Cert # 1979)
DRILLING METHOD: Air

HOLE DIAMETER: 5 7/8"
CASING DIAMETER: 6"
SCREEN DIAMETER: N/A
TOP OF CASING ELEVATION: 0
WATER LEVEL: N/A
EASTING: 698.6234
NORTHING: 1343.6956
DEVELOPMENT: N/A

Casing Interval 0-110 ft bgs Bentonite Interval N/A Filter Interval N/A
Screen Interval N/A Grout Interval 0-175 ft bgs Filter Material N/A

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology (SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.)	Water Level	Well Construction
0-5	1	1	78.6	1	TOPSOIL: Topsoil		ABANDONED - PORTLAND NEAT CEMENT FROM END OF BORING TO GROUND SURFACE (0'-175')
5-10	1	1	39.7	1	CLAYEY SILT: Red brown clayey silt, trace mica		
10-15	1	1	12.9	1			
15-20	1	1	23.9	1-2	SILT: Red brown silt, little clay, trace mica		
20-25	1	1	30.0	1-2			
25-30	1	1	32.5	1-2			
30-35	1	1	59.1	1-2	SILT: Brown silt, some pebbles, little clay, trace mica		
35-40	1	1	122	1-2			
40-45	1	1	37.5	2	SILT: Red brown silt, some pebbles, little clay, trace mica		SCH 40 PVC OUTER CASING (0'-110')
45-50	1	1	80.0	2			
50-55	1	1	51.5	2			
55-60	1	1	N/A	3	SILT: Brown silt, little pebbles, little clay, trace mica		
60-65	1	1	N/A	3			
65-70	1	1	N/A	3	SILT: Brown silt, little clay, trace mica		
70-75	1	N/A	N/A	N/A	WEATHERED ROCK: Partially weathered rock		
75-80							
80-85					BEDROCK: Bedrock		
85-90							
90-95							
95-100							
100-105							
105-110							
110-115							
115-120							
120-125							
125-130							
130-135							
135-140							
140-145							
145-150							
150-155							
155-160							
160-165							
165-170							
170-175							



Total Depth = 175 ft bgs

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WELL LOG

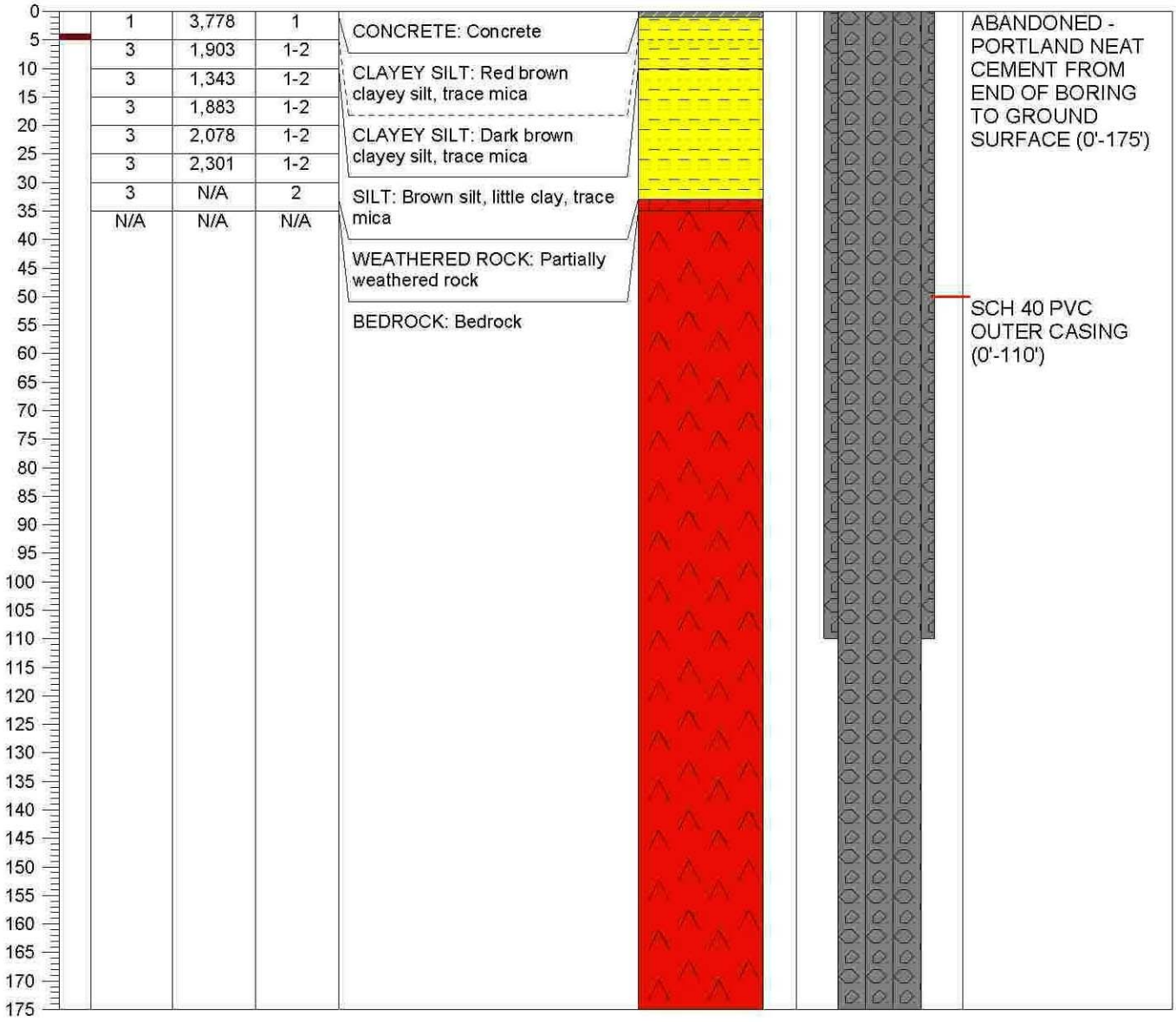
MONITORING WELL #: DW-8A
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L. Ortman
START DATE: 6/2/09 FINISH DATE: 6/18/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Jerry Watkins (Cert # 1979)
DRILLING METHOD: Air

HOLE DIAMETER: 5 7/8"
CASING DIAMETER: 6"
SCREEN DIAMETER: N/A
TOP OF CASING ELEVATION: 0
WATER LEVEL: N/A
EASTING: 663.2573
NORTHING: 1111.4981
DEVELOPMENT: N/A

Casing Interval 0-110 ft bgs Bentonite Interval N/A Filter Interval N/A
Screen Interval N/A Grout Interval 0-175 ft bgs Filter Material N/A

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology	Water Level
	1	3	3,778	1	CONCRETE: Concrete	
	2	3	1,903	1-2	CLAYEY SILT: Red brown clayey silt, trace mica	
	3	3	1,343	1-2		
	4	3	1,883	1-2	CLAYEY SILT: Dark brown clayey silt, trace mica	
	5	3	2,078	1-2		
	6	3	2,301	1-2		
	7	3	N/A	2	SILT: Brown silt, little clay, trace mica	
	8	N/A	N/A	N/A	WEATHERED ROCK: Partially weathered rock	
					BEDROCK: Bedrock	



Total Depth = 175 ft bgs

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
RED/BROWN SILTY SANDY CLAY	20.0	20.0
BROWN SANDY SILT	35.0	55.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-21 BENTONITE SEAL FROM 36.0 TO 38.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 55.0 ft. Date Started: 06/01/09 Date Completed: 06/01/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 40.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 15.0 FEET
Set Between: 40.0 ft. and 55.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 47.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 38.0 ft. to 55.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 36.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS **CERT. NO.:** 01979
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A B C D (circle one) ☐ ☑ ☐ ☐
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Jerry R. Watkins Date: 06/26/09
Well Driller

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ORANGE SANDY CLAY	10.0	10.0
ORANGE SILTY SANDY CLAY	25.0	35.0
BROWN SILT	20.0	55.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-22 BENTONITE SEAL FROM 36.0 TO 38.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 55.0 ft. Date Started: 06/05/09 Date Completed: 06/05/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 40.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 15.0 FEET
Set Between: 40.0 ft. and 55.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 47.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 38.0 ft. to 55.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 36.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS CERT. NO.: 01979
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☑ C ☐ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Jerry R. Watkins Date: 06/26/09
Well Driller

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ORANGE SANDY CLAY	12.0	12.0
BROWN SILTY SAND	43.0	55.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-23 BENTONITE SEAL FROM 36.0 TO 38.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 06/17/09
55.0 ft. Date Completed: 06/17/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 40.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 15.0 FEET
Set Between: 40.0 ft. and 55.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 47.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 38.0 ft. to 55.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 36.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS **CERT. NO.:** 01979
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A B C D (circle one) ☐ ☑ ☐ ☐
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Jerry R. Watkins Date: 06/26/09
Well Driller

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ORANGE SANDY CLAY	12.0	12.0
BROWN SILTY SAND	43.0	55.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-24 BENTONITE SEAL FROM 36.0 TO 38.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 55.0 ft. Date Started: 06/17/09 Date Completed: 06/17/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 40.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 15.0 FEET
Set Between: 40.0 ft. and 55.0 ft. NOTE: MULTIPLE SCREENS
_____ ft. and _____ ft. USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 46.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 38.0 ft. to 55.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 36.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS **CERT. NO.:** 01979
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A B C D (circle one) ☐ ☑ ☐ ☐
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Jerry R. Watkins Well Driller Date: 06/26/09

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
RED CLAY	5.0	5.0
ORANGE SILTY SANDY CLAY	15.0	20.0
BROWN SILTY SAND	34.0	54.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-25 BENTONITE SEAL FROM 35.0 TO 37.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 54.0 ft. Date Started: 06/17/09 Date Completed: 06/17/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 39.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 15.0 FEET
Set Between: 39.0 ft. and 54.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 46.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 37.0 ft. to 54.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 35.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS **CERT. NO.:** 01979
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A B C D (circle one) ☐ ☑ ☐ ☐
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Jerry R. Watkins Well Driller Date: 06/26/09

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ORANGE SANDY CLAY	8.0	8.0
BROWN SANDY SILT	16.0	24.0
SILT	28.0	52.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-26 BENTONITE SEAL FROM 33.0 TO 35.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other AUGER

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 06/03/09
52.0 ft. Date Completed: 06/03/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 37.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 15.0 FEET
Set Between: 37.0 ft. and 52.0 ft. NOTE: MULTIPLE SCREENS
_____ ft. and _____ ft. USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 46.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 35.0 ft. to 52.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 33.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JAMES HESS CERT. NO.: 01929
Address: (Print) 176 COMMERCE BLVD Level: A ☐ B ☐ C ☐ D ☑ (circle one)
STATESVILLE, NC 28625
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.
Signed: James T. Hess Date: 06/26/09
Well Driller
If D Level Driller, provide supervising driller's name:
MARK GETTYS

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ORANGE SANDY CLAY	8.0	8.0
BROWN SANDY SILT	16.0	24.0
SILT	31.0	55.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-27 BENTONITE SEAL FROM 36.0 TO 38.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other AUGER

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 55.0 ft. Date Started: 06/03/09 Date Completed: 06/03/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 40.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 15.0 FEET
Set Between: 40.0 ft. and 55.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 46.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 38.0 ft. to 55.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 36.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JAMES HESS **CERT. NO.:** 01929
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.
Signed: James T. Hess Date: 06/26/09
Well Driller

If D Level Driller, provide supervising driller's name:
MARK GETTYS

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ORANGE SANDY CLAY	25.0	25.0
BROWN SILTY SAND	30.0	55.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-28 BENTONITE SEAL FROM 36.0 TO 38.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 55.0 ft. Date Started: 06/17/09 Date Completed: 06/17/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 40.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 15.0 FEET
Set Between: 40.0 ft. and 55.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 47.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 38.0 ft. to 55.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 36.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS **CERT. NO.:** 01979
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☑ C ☐ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Jerry R. Watkins Well Driller Date: 06/26/09

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ORANGE SANDY CLAY	15.0	15.0
BROWN SILT	33.0	48.0
ROCK	7.0	55.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-29 BENTONITE SEAL FROM 36.0 TO 38.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 55.0 ft. Date Started: 06/02/09 Date Completed: 06/02/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 40.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 15.0 FEET
Set Between: 40.0 ft. and 55.0 ft. NOTE: MULTIPLE SCREENS
_____ ft. and _____ ft. USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 47.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 38.0 ft. to 55.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 36.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS CERT. NO.: 01979
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A B C D (circle one) ☐ ☑ ☐ ☐
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Jerry R. Watkins Well Driller Date: 06/26/09

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
RED CLAY	5.0	5.0
ORANGE SANDY CLAY	15.0	20.0
BROWN SANDY SILT	11.0	31.0
ROCK	29.0	60.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-30 BENTONITE SEAL FROM 41.0 TO 43.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 60.0 ft. Date Started: 06/04/09 Date Completed: 06/04/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 45.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 15.0 FEET
Set Between: 45.0 ft. and 60.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 55.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 43.0 ft. to 60.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 41.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS CERT. NO.: 01979
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☑ C ☐ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Jerry R. Watkins Well Driller Date: 06/26/09

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
RED CLAY	4.0	4.0
ORANGE SANDY CLAY	8.0	12.0
BROWN SANDY SILT	20.0	32.0
ROCK	13.0	45.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-31 BENTONITE SEAL FROM 22.0 TO 24.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 41.0 ft. Date Started: 06/10/09 Date Completed: 06/10/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 26.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 15.0 FEET
Set Between: 26.0 ft. and 41.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 35.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 24.0 ft. to 41.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 22.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS CERT. NO.: 01979
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☑ C ☐ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Jerry R. Watkins Well Driller Date: 06/26/09

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
RED CLAY	3.0	3.0
ORANGE SANDY CLAY	9.0	12.0
BROWN SANDY SILT	29.0	41.0
ROCK	4.0	45.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-32 BENTONITE SEAL FROM 26.0 TO 28.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 45.0 ft. Date Started: 06/10/09 Date Completed: 06/10/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 30.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 15.0 FEET
Set Between: 30.0 ft. and 45.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 37.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 28.0 ft. to 45.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 26.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS CERT. NO.: 01979
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☑ C ☐ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.
Signed: Jerry R. Watkins Well Driller Date: 06/26/09

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
RED CLAY	3.0	3.0
ORANGE SANDY CLAY	9.0	12.0
BROWN SANDY SILT	32.0	44.0
ROCK	1.0	45.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-33 BENTONITE SEAL FROM 25.0 TO 27.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 44.0 ft. Date Started: 06/10/09 Date Completed: 06/10/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 29.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 15.0 FEET
Set Between: 29.0 ft. and 44.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 38.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 27.0 ft. to 44.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 25.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS **CERT. NO.:** 01979
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☑ C ☐ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Jerry R. Watkins Date: 06/26/09
Well Driller

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
RED CLAY	8.0	8.0
ORANGE SANDY CLAY	15.0	23.0
BROWN SILTY SAND	22.0	45.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-34 BENTONITE SEAL FROM 26.0 TO 28.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 45.0 ft. Date Started: 06/08/09 Date Completed: 06/08/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 30.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 15.0 FEET
Set Between: 30.0 ft. and 45.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 39.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 28.0 ft. to 45.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 26.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS CERT. NO.: 01979
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A B C D (circle one) ☐ ☑ ☐ ☐
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Jerry R. Watkins Well Driller Date: 06/26/09

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
RED CLAY	8.0	8.0
ORANGE SANDY SILTY CLAY	17.0	25.0
BROWN SILTY SAND	21.0	46.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-35 BENTONITE SEAL FROM 27.0 TO 29.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 06/08/09
46.0 ft. Date Completed: 06/08/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 31.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 15.0 FEET
Set Between: 31.0 ft. and 46.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 40.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 29.0 ft. to 46.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 27.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS **CERT. NO.:** 01979
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☑ C ☐ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Jerry R. Watkins Well Driller Date: 06/26/09

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
RED CLAY	8.0	8.0
ORANGE SANDY CLAY	17.0	25.0
BROWN SILTY SAND	21.0	46.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-36 BENTONITE SEAL FROM 27.0 TO 29.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 46.0 ft. Date Started: 06/16/09 Date Completed: 06/16/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 31.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 15.0 FEET
Set Between: 31.0 ft. and 46.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 38.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 29.0 ft. to 46.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 27.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS CERT. NO.: 01979
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A B C D (circle one) ☐ ☑ ☐ ☐
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Jerry R. Watkins Well Driller Date: 06/26/09

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ORANGE SANDY CLAY	10.0	10.0
ORANGE SILTY SANDY CLAY	13.0	23.0
BROWN SILTY SAND	21.0	44.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-37 BENTONITE SEAL FROM 25.0 TO 27.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 44.0 ft. Date Started: 06/16/09 Date Completed: 06/16/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 29.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 15.0 FEET
Set Between: 29.0 ft. and 44.0 ft. NOTE: MULTIPLE SCREENS
_____ ft. and _____ ft. USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 36.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 27.0 ft. to 44.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 25.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS CERT. NO.: 01979
Address: (Print) 176 COMMERCE BLVD Level: A ☐ B ☑ C ☐ D ☐ (circle one)
STATESVILLE, NC 28625
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Jerry R. Watkins Well Driller Date: 06/26/09

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
RED CLAY	7.0	7.0
ORANGE SANDY CLAY	11.0	18.0
BROWN SILTY SAND	7.0	25.0
SILT	19.0	44.0
ROCK	3.0	47.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-38 BENTONITE SEAL FROM 28.0 TO 30.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 47.0 ft. Date Started: 06/04/09 Date Completed: 06/04/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 32.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 15.0 FEET
Set Between: 32.0 ft. and 47.0 ft. NOTE: MULTIPLE SCREENS
_____ ft. and _____ ft. USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 39.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 30.0 ft. to 47.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 28.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS CERT. NO.: 01979
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☑ C ☐ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Jerry R. Watkins Well Driller Date: 06/26/09

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ORANGE SANDY CLAY	10.0	10.0
ORANGE SILTY SANDY CLAY	25.0	35.0
BROWN SILT	33.0	68.0
ROCK	12.0	80.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
DW-5 BENTONITE SEAL FROM 70.0 TO 73.0 FT. 6 1/4 INCH GALVANIZED CASING GROUTED FROM 0.0 TO 70.0 FT

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 06/02/09
80.0 ft. Date Completed: 06/05/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH, 6 INCH
Type: ☑ PVC ☑ Galvanized ☐ Steel ☐ Other
2.0 in. to 75.0 ft. depth
6.0 in. to 70.0 ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 5.0 FEET
Set Between: 75.0 ft. and 80.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 50.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 73.0 ft. to 80.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 70.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS CERT. NO.: 01979
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☑ C ☐ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Jerry R. Watkins Date: 06/26/09
Well Driller

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
RED CLAY	6.0	6.0
ORANGE SANDY CLAY	17.0	23.0
BROWN SILTY SAND	18.0	41.0
ROCK	89.0	130.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
DW-6 BENTONITE SEAL FROM 111.0 TO 113.0 FT 6 1/4 INCH GALVANIZED CASING GROUTED FROM 0.0 TO 110.0 FT

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 130.0 ft. Date Started: 06/08/09 Date Completed: 06/15/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH, 6 INCH
Type: ☑ PVC ☑ Galvanized ☐ Steel ☐ Other
2.0 in. to 115.0 ft. depth
6.0 in. to 110.0 ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 15.0 FEET
Set Between: 115.0 ft. and 130.0 ft. NOTE: MULTIPLE SCREENS
_____ ft. and _____ ft. USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 50.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 113.0 ft. to 130.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 111.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS CERT. NO.: 01979
Address: (Print) 176 COMMERCE BLVD Level: A ☐ B ☑ C ☐ D ☐ (circle one)
STATESVILLE, NC 28625
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.
Signed: Jerry R. Watkins Well Driller Date: 06/26/09

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ORANGE SANDY CLAY	10.0	10.0
ORANGE SILTY SANDY CLAY	14.0	24.0
BROWN SILT	17.0	41.0
ROCK	79.0	120.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
DW-7 BENTONITE SEAL FROM 110.0 TO 113.0 FT 6 1/4 INCH GALVANIZED CASING GROUTED FROM 0.0 TO 110.0 FT

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 120.0 ft. Date Started: 06/03/09 Date Completed: 06/15/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH, 6 INCH
Type: ☑ PVC ☑ Galvanized ☐ Steel ☐ Other
2.0 in. to 115.0 ft. depth
6.0 in. to 110.0 ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 5.0 FEET
Set Between: 115.0 ft. and 120.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 50.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 113.0 ft. to 120.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 110.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS CERT. NO.: 01979
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☑ C ☐ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.
Signed: Jerry R. Watkins Well Driller Date: 06/26/09

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ORANGE SANDY CLAY	10.0	10.0
ORANGE SILTY SANDY CLAY	13.0	23.0
SILT	31.0	54.0
ROCK	26.0	80.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
DW-9 BENTONITE SEAL FROM 71.0 TO 73.0 FT. 6 1/4 INCH GALVANIZED CASING GROUTED FROM 0.0 TO 70.0 FT

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 80.0 ft. Date Started: 06/04/09 Date Completed: 06/16/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH, 6 INCH
Type: ☑ PVC ☑ Galvanized ☐ Steel ☐ Other
2.0 in. to 75.0 ft. depth
6.0 in. to 70.0 ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 5.0 FEET
Set Between: 75.0 ft. and 80.0 ft. NOTE: MULTIPLE SCREENS
_____ ft. and _____ ft. USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 40.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 73.0 ft. to 80.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 71.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS **CERT. NO.:** 01979
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☑ C ☐ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Jerry R. Watkins Well Driller Date: 06/26/09

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
RED CLAY	4.0	4.0
ORANGE SANDY CLAY	8.0	12.0
BROWN SILTY SAND	18.0	30.0
SILT	18.0	48.0
ROCK	72.0	120.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
DW-10 BENTONITE SEAL FROM 111.0 TO 113.0 FT 6 1/4 INCH GALVANIZED CASING GROUTED FROM 0.0 TO 110.0 FT

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 120.0 ft. Date Started: 06/09/09 Date Completed: 06/16/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH, 6 INCH
Type: ☑ PVC ☑ Galvanized ☐ Steel ☐ Other
2.0 in. to 115.0 ft. depth
6.0 in. to 110.0 ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 5.0 FEET
Set Between: 115.0 ft. and 120.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 40.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 113.0 ft. to 120.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 111.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS CERT. NO.: 01979
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☑ C ☐ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Jerry R. Watkins Well Driller Date: 06/26/09

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET - 339
Street Address: 800 WEST NORTH FIRST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 175.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ORANGE SANDY CLAY	10.0	10.0
ORANGE SILTY SANDY CLAY	25.0	35.0
BROWN SILT	33.0	68.0
ROCK	92.0	160.0
WELL ABANDONED BY		
GEOLOGIC EXPLORATION, INC		
ON 06/18/09 VIA TREMIE PIPE		
WITH PORTLAND BENTONITE		
SLURRY.		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
DW-4A
275.0 GALLONS PORTLAND BENTONITE SLURRY. 6 1/4 INCH GALVANIZED CASING GROUTED FROM 0.0 TO 110.0 FT

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 175.0 ft. Date Started: 06/01/09 Date Completed: 06/18/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 6 INCH
Type: ☐ PVC ☑ Galvanized ☐ Steel ☐ Other
6.0 in. to 110.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: _____ Diam.: _____
Slot/Gauge: _____ Length: _____
Set Between: _____ ft. and _____ ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL DRY ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from _____ ft. to _____ ft.
Effective size _____ Uniformity Coefficient _____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From _____ ft. to _____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS CERT. NO.: 01979
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A B C D (circle one) ☐ ☑ ☐ ☐
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.
Signed: Jerry R. Watkins Date: 06/26/09
Well Driller

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

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Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET - 339
Street Address: 800 WEST NORTH FIRST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 175.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ORANGE SANDY CLAY	23.0	23.0
BROWN SILT	10.0	33.0
ROCK	142.0	175.0
WELL ABANDONED BY		
GEOLOGIC EXPLORATION, INC		
ON 06/18/09 VIA TREMIE PIPE		
WITH PORTLAND BENTONITE		
SLURRY.		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
DW-8A
280.0 GALLONS PORTLAND BENTONITE SLURRY. 6 1/4 INCH GALVANIZED CASING GROUTED FROM 0.0 TO 110.0 FT

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 175.0 ft. Date Started: 06/02/09 Date Completed: 06/18/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 6 INCH
Type: ☐ PVC ☑ Galvanized ☐ Steel ☐ Other
6.0 in. to 110.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: _____ Diam.: _____
Slot/Gauge: _____ Length: _____
Set Between: _____ ft. and _____ ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL DRY ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from _____ ft. to _____ ft.
Effective size _____ Uniformity Coefficient _____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From _____ ft. to _____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS CERT. NO.: 01979
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A B C D (circle one) ☐ ☑ ☐ ☐
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.
Signed: Jerry R. Watkins Well Driller Date: 06/26/09

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

APPENDIX 5

Soil Analytical Data

ACCESS
ANALYTICAL, INC.

ANALYTICAL REPORT

CLIENT
Terry Environmental
P.O. Box 25
Summerville, SC 29484

ATTENTION
Kelly Cone

PROJECT ID
Former Li'l Cricket #339 2170D

LABORATORY REPORT NUMBER
209060609

DATE
06/12/2009

Primary Data Review By

Curtis Ekker
Data Validation Manager, GCAL

Secondary Data Review By

Ashley B. Amick
Project Manager, Access Analytical, Inc.
aamick@accessanalyticalinc.com

PLEASE NOTE:

- **Unless otherwise noted, all analysis on this report performed at Gulf Coast Analytical Labs (GCAL), 7979 GSRI Rd. Baton Rouge, LA 70820.**

- **GCAL is SCDHEC certified laboratory # 73006, NCDENR certified lab # 618, GA certified lab # LA-01955, NELAP certified laboratory # 01955**

- Local support services for this project are provided by Access Analytical, Inc.. Access Analytical is a representative of GCAL serving clients in the SC/NC/GA areas. All questions regarding this report should be directed to your local Access Analytical representative at 803.781.4243 or toll free at 888.315.4243.

NELAP CERTIFICATE NUMBER 01955

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

Report Date 06/12/2009

GCAL Report 209060609

Deliver To	Terry Environmental P.O. Box 25 Summerville, SC 29484
Attn	Kelly Cone

Project Former Li'l Cricket #339 2170D

CASE NARRATIVE

Client: Terry Environmental Services **Report:** 209060609

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

VOLATILES MASS SPECTROMETRY

In the SW-846 8260B analysis, sample 20906060910 (DW-8) had to be diluted to bracket the concentration of target compounds within the calibration range of the instrument.

In the SW-846 8260B analysis, the recovery for the surrogate, 1,2-Dichloroethane-d4 was above the upper control limit for samples 20906060904 (MW-29), 20906060905 (MW-30), 20906060906 (MW-38), 20906060907 (DW-4), 20906060908 (DW-5), 20906060911 (DW-9), and 20906060912 (MW-22). No target analytes were detected above the reporting limit in these samples (estimated concentrations in two of the samples).

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND	Indicates the result was Not Detected at the specified RDL
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
00:00	Reported as a time equivalent to 12:00 AM

Reporting Flags Utilized in this Report

J	Indicates an estimated value
U	Indicates the compound was analyzed for but not detected
B	(ORGANICS) Indicates the analyte was detected in the associated Method Blank
B	(INORGANICS) Indicates the result is between the RDL and MDL

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with ISO Guide 25 and NELAC, this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the NELAC standard and terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

Robyn Migues
Technical Director
GCAL REPORT 209060609

THIS REPORT CONTAINS _____ PAGES.

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906060901	MW-21	Solid	06/01/2009 18:00	06/06/2009 09:00
20906060902	MW-26	Solid	06/03/2009 18:10	06/06/2009 09:00
20906060903	MW-27	Solid	06/03/2009 13:15	06/06/2009 09:00
20906060904	MW-29	Solid	06/02/2009 14:15	06/06/2009 09:00
20906060905	MW-30	Solid	06/04/2009 16:45	06/06/2009 09:00
20906060906	MW-38	Solid	06/04/2009 15:15	06/06/2009 09:00
20906060907	DW-4	Solid	06/01/2009 12:30	06/06/2009 09:00
20906060908	DW-5	Solid	06/02/2009 16:10	06/06/2009 09:00
20906060909	DW-7	Solid	06/03/2009 13:30	06/06/2009 09:00
20906060910	DW-8	Solid	06/02/2009 08:15	06/06/2009 09:00
20906060911	DW-9	Solid	06/04/2009 09:30	06/06/2009 09:00
20906060912	MW-22	Solid	06/05/2009 11:30	06/06/2009 09:00

Summary of Compounds Detected

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906060901	MW-21	Solid	06/01/2009 18:00	06/06/2009 09:00

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
1330-20-7	Xylene (total)	3.65J	10.6	0.727	ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906060905	MW-30	Solid	06/04/2009 16:45	06/06/2009 09:00

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
108-88-3	Toluene	0.881J	5.06	0.202	ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906060909	DW-7	Solid	06/03/2009 13:30	06/06/2009 09:00

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
108-88-3	Toluene	0.572J	5.07	0.203	ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906060910	DW-8	Solid	06/02/2009 08:15	06/06/2009 09:00

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	150J	444	12.2	ug/Kg
108-88-3	Toluene	212J	444	17.8	ug/Kg
100-41-4	Ethylbenzene	3770	444	18.3	ug/Kg
1330-20-7	Xylene (total)	9960	888	61.0	ug/Kg
91-20-3	Naphthalene	11300	444	73.3	ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906060911	DW-9	Solid	06/04/2009 09:30	06/06/2009 09:00

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
108-88-3	Toluene	0.666J	5.68	0.227	ug/Kg

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906060912	**MW-22**	Solid	06/05/2009 11:30	06/06/2009 09:00

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
108-88-3	**Toluene**	**0.554J**	**4.52**	**0.181**	**ug/Kg**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906060901	**MW-21**	Solid	06/01/2009 18:00	06/06/2009 09:00

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/08/2009 20:08	CLH	413076

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<5.30	5.30	0.145	ug/Kg
108-88-3	Toluene	<5.30	5.30	0.212	ug/Kg
100-41-4	Ethylbenzene	<5.30	5.30	0.218	ug/Kg
1330-20-7	**Xylene (total)**	**3.65J**	**10.6**	**0.727**	**ug/Kg**
91-20-3	Naphthalene	<5.30	5.30	0.874	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	44.6	34.9	ug/Kg	78	62 - 127
1868-53-7	Dibromofluoromethane	44.6	47.4	ug/Kg	106	65 - 130
2037-26-5	Toluene d8	44.6	43.8	ug/Kg	98	71 - 132
17060-07-0	1,2-Dichloroethane-d4	44.6	53.1	ug/Kg	119	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906060902	**MW-26**	Solid	06/03/2009 18:10	06/06/2009 09:00

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/08/2009 20:33	CLH	413076

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<4.68	4.68	0.128	ug/Kg
108-88-3	Toluene	<4.68	4.68	0.187	ug/Kg
100-41-4	Ethylbenzene	<4.68	4.68	0.193	ug/Kg
1330-20-7	Xylene (total)	<9.36	9.36	0.642	ug/Kg
91-20-3	Naphthalene	<4.68	4.68	0.772	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	39.8	32.1	ug/Kg	81	62 - 127
1868-53-7	Dibromofluoromethane	39.8	41.2	ug/Kg	103	65 - 130
2037-26-5	Toluene d8	39.8	40.8	ug/Kg	102	71 - 132
17060-07-0	1,2-Dichloroethane-d4	39.8	48.7	ug/Kg	122	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906060903	**MW-27**	Solid	06/03/2009 13:15	06/06/2009 09:00

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/08/2009 20:57	CLH	413076

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<4.80	4.80	0.131	ug/Kg
108-88-3	Toluene	<4.80	4.80	0.192	ug/Kg
100-41-4	Ethylbenzene	<4.80	4.80	0.198	ug/Kg
1330-20-7	Xylene (total)	<9.59	9.59	0.658	ug/Kg
91-20-3	Naphthalene	<4.80	4.80	0.791	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	38.5	32.4	ug/Kg	84	62 - 127
1868-53-7	Dibromofluoromethane	38.5	44.7	ug/Kg	116	65 - 130
2037-26-5	Toluene d8	38.5	39.9	ug/Kg	104	71 - 132
17060-07-0	1,2-Dichloroethane-d4	38.5	47.6	ug/Kg	124	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906060904	**MW-29**	Solid	06/02/2009 14:15	06/06/2009 09:00

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/08/2009 21:22	CLH	413076

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<4.49	4.49	0.123	ug/Kg
108-88-3	Toluene	<4.49	4.49	0.180	ug/Kg
100-41-4	Ethylbenzene	<4.49	4.49	0.185	ug/Kg
1330-20-7	Xylene (total)	<8.98	8.98	0.616	ug/Kg
91-20-3	Naphthalene	<4.49	4.49	0.741	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	32.4	24.6	ug/Kg	76	62 - 127
1868-53-7	Dibromofluoromethane	32.4	35	ug/Kg	108	65 - 130
2037-26-5	Toluene d8	32.4	30.3	ug/Kg	94	71 - 132
17060-07-0	1,2-Dichloroethane-d4	32.4	40.7	ug/Kg	**126***	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906060905	**MW-30**	Solid	06/04/2009 16:45	06/06/2009 09:00

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/08/2009 21:48	CLH	413076

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<5.06	5.06	0.139	ug/Kg
108-88-3	**Toluene**	**0.881J**	**5.06**	**0.202**	**ug/Kg**
100-41-4	Ethylbenzene	<5.06	5.06	0.208	ug/Kg
1330-20-7	Xylene (total)	<10.1	10.1	0.694	ug/Kg
91-20-3	Naphthalene	<5.06	5.06	0.834	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	47.6	34.7	ug/Kg	73	62 - 127
1868-53-7	Dibromofluoromethane	47.6	52.7	ug/Kg	111	65 - 130
2037-26-5	Toluene d8	47.6	46.7	ug/Kg	98	71 - 132
17060-07-0	1,2-Dichloroethane-d4	47.6	65.5	ug/Kg	**138***	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906060906	**MW-38**	Solid	06/04/2009 15:15	06/06/2009 09:00

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/08/2009 22:13	CLH	413076

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<6.64	6.64	0.182	ug/Kg
108-88-3	Toluene	<6.64	6.64	0.266	ug/Kg
100-41-4	Ethylbenzene	<6.64	6.64	0.274	ug/Kg
1330-20-7	Xylene (total)	<13.3	13.3	0.911	ug/Kg
91-20-3	Naphthalene	<6.64	6.64	1.10	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	53.1	41.2	ug/Kg	78	62 - 127
1868-53-7	Dibromofluoromethane	53.1	62.9	ug/Kg	119	65 - 130
2037-26-5	Toluene d8	53.1	51.3	ug/Kg	97	71 - 132
17060-07-0	1,2-Dichloroethane-d4	53.1	69.7	ug/Kg	131*	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906060907	**DW-4**	Solid	06/01/2009 12:30	06/06/2009 09:00

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/08/2009 22:37	CLH	413076

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<4.37	4.37	0.120	ug/Kg
108-88-3	Toluene	<4.37	4.37	0.175	ug/Kg
100-41-4	Ethylbenzene	<4.37	4.37	0.180	ug/Kg
1330-20-7	Xylene (total)	<8.74	8.74	0.600	ug/Kg
91-20-3	Naphthalene	<4.37	4.37	0.721	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	37.8	28.5	ug/Kg	75	62 - 127
1868-53-7	Dibromofluoromethane	37.8	41.2	ug/Kg	109	65 - 130
2037-26-5	Toluene d8	37.8	35.9	ug/Kg	95	71 - 132
17060-07-0	1,2-Dichloroethane-d4	37.8	48.4	ug/Kg	128*	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906060908	**DW-5**	Solid	06/02/2009 16:10	06/06/2009 09:00

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/08/2009 23:02	CLH	413076

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<4.85	4.85	0.133	ug/Kg
108-88-3	Toluene	<4.85	4.85	0.194	ug/Kg
100-41-4	Ethylbenzene	<4.85	4.85	0.200	ug/Kg
1330-20-7	Xylene (total)	<9.70	9.70	0.665	ug/Kg
91-20-3	Naphthalene	<4.85	4.85	0.800	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	40.5	31.6	ug/Kg	78	62 - 127
1868-53-7	Dibromofluoromethane	40.5	45	ug/Kg	111	65 - 130
2037-26-5	Toluene d8	40.5	39.5	ug/Kg	98	71 - 132
17060-07-0	1,2-Dichloroethane-d4	40.5	50.8	ug/Kg	**126***	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906060909	DW-7	Solid	06/03/2009 13:30	06/06/2009 09:00

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/08/2009 23:27	CLH	413076

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<5.07	5.07	0.139	ug/Kg
108-88-3	**Toluene**	**0.572J**	**5.07**	**0.203**	**ug/Kg**
100-41-4	Ethylbenzene	<5.07	5.07	0.209	ug/Kg
1330-20-7	Xylene (total)	<10.1	10.1	0.695	ug/Kg
91-20-3	Naphthalene	<5.07	5.07	0.836	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	44	31.7	ug/Kg	72	62 - 127
1868-53-7	Dibromofluoromethane	44	47.5	ug/Kg	108	65 - 130
2037-26-5	Toluene d8	44	41.1	ug/Kg	93	71 - 132
17060-07-0	1,2-Dichloroethane-d4	44	53.6	ug/Kg	122	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906060910	DW-8	Solid	06/02/2009 08:15	06/06/2009 09:00

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			100	06/08/2009 13:26	AGC	413042

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	150J	444	12.2	ug/Kg
108-88-3	Toluene	212J	444	17.8	ug/Kg
100-41-4	Ethylbenzene	3770	444	18.3	ug/Kg
1330-20-7	Xylene (total)	9960	888	61.0	ug/Kg
91-20-3	Naphthalene	11300	444	73.3	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	3660	4050	ug/Kg	111	62 - 127
1868-53-7	Dibromofluoromethane	3660	4210	ug/Kg	115	65 - 130
2037-26-5	Toluene d8	3660	3340	ug/Kg	91	71 - 132
17060-07-0	1,2-Dichloroethane-d4	3660	4150	ug/Kg	113	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906060911	**DW-9**	Solid	06/04/2009 09:30	06/06/2009 09:00

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/08/2009 23:52	CLH	413076

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<5.68	5.68	0.156	ug/Kg
108-88-3	**Toluene**	**0.666J**	**5.68**	**0.227**	**ug/Kg**
100-41-4	Ethylbenzene	<5.68	5.68	0.234	ug/Kg
1330-20-7	Xylene (total)	<11.4	11.4	0.779	ug/Kg
91-20-3	Naphthalene	<5.68	5.68	0.937	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	49.6	37.1	ug/Kg	75	62 - 127
1868-53-7	Dibromofluoromethane	49.6	64.2	ug/Kg	129	65 - 130
2037-26-5	Toluene d8	49.6	48.4	ug/Kg	98	71 - 132
17060-07-0	1,2-Dichloroethane-d4	49.6	64.3	ug/Kg	**130***	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906060912	**MW-22**	Solid	06/05/2009 11:30	06/06/2009 09:00

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/09/2009 00:17	CLH	413076

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<4.52	4.52	0.124	ug/Kg
108-88-3	**Toluene**	**0.554J**	**4.52**	**0.181**	**ug/Kg**
100-41-4	Ethylbenzene	<4.52	4.52	0.186	ug/Kg
1330-20-7	Xylene (total)	<9.04	9.04	0.620	ug/Kg
91-20-3	Naphthalene	<4.52	4.52	0.746	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	39.9	29.4	ug/Kg	74	62 - 127
1868-53-7	Dibromofluoromethane	39.9	43.6	ug/Kg	109	65 - 130
2037-26-5	Toluene d8	39.9	37.5	ug/Kg	94	71 - 132
17060-07-0	1,2-Dichloroethane-d4	39.9	50.4	ug/Kg	**126***	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GC/MS Volatiles Quality Control Summary

Analytical Batch	413042	Client ID	MB413042			LCS413042			LCSD413042			
Prep Batch	N/A	GCAL ID	731315			731316			731317			
		Sample Type	Method Blank			LCS			LCSD			
		Analytical Date	06/08/2009 08:22			06/08/2009 07:33			06/08/2009 07:58			
		Matrix	Solid			Solid			Solid			
SW-846 8260B		**Units**	ug/Kg	**Spike Added**	**Result**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
100-41-4	Ethylbenzene	<250	250	2500	2530	101	80 - 123	2600	104	3	30
1634-04-4	tert-Butyl methyl ether (MTBE)	<250	250	2500	0.00	0*	69 - 131	0.00	0*	0	30
1330-20-7	Xylene (total)	<500	500	7500	6950	93	80 - 120	7030	94	1	30
91-20-3	Naphthalene	<250	250	2500	2290	92	58 - 137	2220	89	3	30
71-43-2	Benzene	<250	250	2500	2700	108	78 - 120	2590	104	4	21
108-88-3	Toluene	<250	250	2500	2400	96	78 - 122	2440	98	2	21
Surrogate											
460-00-4	4-Bromofluorobenzene	2400	96	2500	2650	106	62 - 127	2620	105		
1868-53-7	Dibromofluoromethane	2230	89	2500	2390	96	65 - 130	2540	102		
2037-26-5	Toluene d8	2590	104	2500	2400	96	71 - 132	2440	98		
17060-07-0	1,2-Dichloroethane-d4	2430	97	2500	2590	104	62 - 125	2490	100		

Analytical Batch	413042	Client ID	1			730069MS			730069MSD			
Prep Batch	N/A	GCAL ID	20906036101			731421			731422			
		Sample Type	SAMPLE			MS			MSD			
		Analytical Date	06/08/2009 12:37			06/08/2009 14:39			06/08/2009 15:58			
		Matrix	Solid			Solid			Solid			
SW-846 8260B		**Units**	ug/Kg	**Spike Added**	**Result**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
100-41-4	Ethylbenzene	30.3	250	2500	2600	103	80 - 123	2820	112	8	30
1330-20-7	Xylene (total)	637	500	7500	7070	86	80 - 120	7600	93	7	30
71-43-2	Benzene	0.00	250	2500	2640	106	78 - 120	2940	118	11	21
108-88-3	Toluene	158	250	2500	2530	95	78 - 122	2690	101	6	21
Surrogate											
460-00-4	4-Bromofluorobenzene			2500	2620	105	62 - 127	2580	103		
1868-53-7	Dibromofluoromethane			2500	2450	98	65 - 130	2770	111		
2037-26-5	Toluene d8			2500	2470	99	71 - 132	2380	95		
17060-07-0	1,2-Dichloroethane-d4			2500	2490	100	62 - 125	2860	114		

GC/MS Volatiles Quality Control Summary

Analytical Batch 413076	Client ID	MB413076			LCS413076			LCSD413076			
Prep Batch N/A	GCAL ID	731455			731456			731457			
	Sample Type	Method Blank			LCS			LCSD			
	Analytical Date	06/08/2009 19:43			06/08/2009 18:29			06/08/2009 18:53			
	Matrix	Solid			Solid			Solid			
SW-846 8260B		**Units**	ug/Kg	**Spike Added**	**Result**	**% R**	**Control Limits %R**	**Result**	**% R**	**RPD**	**RPD Limit**
100-41-4	Ethylbenzene	<5.00	5.00	50.0	48.3	97	80 - 123	45.9	92	5	30
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00	50.0	52.8	106	69 - 131	53.4	107	1	30
1330-20-7	Xylene (total)	<10.0	10.0	150	138	92	80 - 120	131	87	5	30
91-20-3	Naphthalene	<5.00	5.00	50.0	39.3	79	58 - 137	42.4	85	8	30
71-43-2	Benzene	<5.00	5.00	50.0	45.7	91	78 - 120	49.4	99	8	21
108-88-3	Toluene	<5.00	5.00	50.0	46.5	93	78 - 122	44.3	89	5	21
Surrogate											
460-00-4	4-Bromofluorobenzene	39.7	79	50	47.7	95	62 - 127	47.7	95		
1868-53-7	Dibromofluoromethane	55.4	111	50	52.2	104	65 - 130	60.8	122		
2037-26-5	Toluene d8	51.7	103	50	49.1	98	71 - 132	48.6	97		
17060-07-0	1,2-Dichloroethane-d4	56.3	113	50	55.7	111	62 - 125	56.6	113		

ACCESS# 45651 20906006091 6-12-09

Access Analytical - Chain of Custody Record

LAB USE ONLY

Project Work Order #_____ PO #_____ Access Quote #_____ LAB USE ONLY Laboratory ID: GCAL

Company Name: Terry Environmental

Report To: Kelly Cone

Address: PO Box 25

City: Summerville State: SC Zip: 29484

Phone: 873-8200 Fax:

Email: KCone@Terryenvironmental.com

Project Name: Former Li'L Cricket #339 2170D

Sampled By: L. Ortman

Sample Location/Description	Date Collected:	Time Collected:	Type: (grab or composite)	Matrix: (see codes)	# of cont.	Preservative: (*see codes below)	↓ REQUESTED LAB ANALYSIS: ↓ BTEX, Naph ~~PAHs~~	
MW-21	6/1/09	1800	grab	S	4			-1
MW-26	6/3/09	1810						-2
MW-27	6/3/09	1315						-3
MW-29	6/2/09	1415						-4
MW-30	6/4/09	1645						-5
MW-38	6/4/09	1515						-6
DW-4	6/1/09	1230						-7
DW-5	6/2/09	1610						-8
DW-7	6/3/09	1330						-9
DW-8	6/2/09	0815						-10

ACCESS ANALYTICAL, INC.
7478 Carlisle Street
Irmo, SC 29063
Phone: (803) 781-4243
Fax: 781-4303
Toll Free (888) 315-4243
www.axs-inc.com

*Preservative Codes (place corresponding # in block above analysis field): 0=None, 1=HCL, 2=HNO_3, 3=H_2SO_4, 4=NaOH, 5=$Na_2S_2O_3$, 6=$NaHSO_4$, Other=Specify

*Matrix Codes (place corresponding code in sample matrix column): GW=ground water, WW=waste water, DW=drinking water, S=soil, SL=sludge, A=air, IW=industrial waste, WO=waste oil, OT=other (Specify in comments section)

NOTES / COMMENTS
(if sample is a composite please use space below to note start/finish times & dates)

Turnaround Time:
X
___ Standard
___ RUSH*
*Date Required:_____
(For rush work, results emailed/faxed by end of business day on date required)

LAB USE ONLY
Samples Recd. on Ice?
X Yes
___ No
Receipt Temp 4.3°

Project Location:
X SC
___ NC
___ Other_____(specify)

Relinquished By:	Date:	Time:	Received By:
Laura Mott	6/5/09	1430	M. Robertson
M. Robertson	6/5/09	1700	
FEDEX	6-6-09	0900	AMarston

See Reverse for Terms and Conditions

Original Copy - Returned w/Report
Yellow Copy - Access File Copy
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ACCESS / 45651 / 209060609 / 6-12-09

Access Analytical - Chain of Custody Record

LAB USE ONLY

Project Work Order #_____ PO #_____ Access Quote #_____ LAB USE ONLY Laboratory ID:_____

Company Name: Terry Environmental
Report To: Kelly Cone
Address: PO Box 25
City: Summerville State: SC Zip: 29484
Phone: 873-8200 Fax:
Email: KCone@Terryenvironmental.com
Project Name: Former LiL Cricket #339 2170D
Sampled By: L. Ortman

Sample Location/Description	Date Collected:	Time Collected:	Type: (grab or composite)	Matrix: (see codes)	# of cont.	Preservative: (*see codes below)	REQUESTED LAB ANALYSIS: BTEX, Naph, MTBE
DW-9	6/4/09	0930	grab	S	4		X
MW-21	6/5/09	0635		GW	2		X X
MW-26	6/5/09	0830					X X
MW-27	6/5/09	0815					X X
MW-29	6/5/09	0645					X X
MW-38	6/5/09	0715					X X
DW-5	6/5/09	0710					X X
MW-30	6/5/09	0930					X X
MW-22	6/5/09	1130		S	4		X
MW-22	6/5/09	1200		GW	2		X X

ACCESS ANALYTICAL, INC.
7478 Carlisle Street
Irmo, SC 29063
Phone: (803) 781-4243
Fax: 781-4303
Toll Free (888) 315-4243
www.axs-inc.com

*Preservative Codes (place corresponding # in block above analysis field): 0=None, 1=HCL, 2=HNO_3, 3=H_2SO_4, 4=NaOH, 5=$Na_2S_2O_3$, 6=$NaHSO_4$, Other=Specify

*Matrix Codes (place corresponding code in sample matrix column): GW=ground water, WW=waste water, DW=drinking water, S=soil, SL=sludge, A=air, IW=industrial waste, WO=waste oil, OT=other (Specify in comments section)

-11 NOTES / COMMENTS
(if sample is a composite please use space below to note start/finish times & dates)

Field Screen*

*NOTE: Field screen samples submitted via Access

-12

Field Screen*

Turnaround Time:
X Standard
___ RUSH*
*Date Required:_____
(For rush work, results emailed/faxed by end of business day on date required)

LAB USE ONLY
Samples Recd. on Ice?
X Yes
___ No
Receipt Temp 4.3°

Project Location:
X SC
___ NC
___ Other_____(specify)

Relinquished By:	Date:	Time:	Received By:
Laura M Otte	6/5/09	1430	M Robertson
M. Robertson	6/5/09	1700	
FEDEX	6-6-09	0900	AMASSTON

See Reverse for Terms and Conditions

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ACCESS
ANALYTICAL, INC.

ANALYTICAL REPORT

CLIENT
Terry Environmental
P.O. Box 25
Summerville, SC 29484

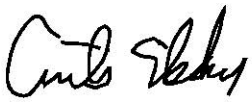
ATTENTION
Kelly Cone

PROJECT ID
Former Li'l Cricket #339 2170D

LABORATORY REPORT NUMBER
209061220

DATE
06/16/2009

Primary Data Review By



Curtis Ekker
Tue Jun 16 16:54:57 2009

Curtis Ekker
Data Validation Manager, GCAL

Secondary Data Review By

Ashley B. Amick
Project Manager, Access Analytical, Inc.
aamick@accessanalyticalinc.com

PLEASE NOTE:

- **Unless otherwise noted, all analysis on this report performed at Gulf Coast Analytical Labs (GCAL), 7979 GSRI Rd. Baton Rouge, LA 70820.**

- **GCAL is SCDHEC certified laboratory # 73006, NCDENR certified lab # 618, GA certified lab # LA-01955, NELAP certified laboratory # 01955**

- Local support services for this project are provided by Access Analytical, Inc.. Access Analytical is a representative of GCAL serving clients in the SC/NC/GA areas. All questions regarding this report should be directed to your local Access Analytical representative at 803.781.4243 or toll free at 888.315.4243.

NELAP CERTIFICATE NUMBER 01955

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

Report Date 06/16/2009

GCAL Report 209061220

Deliver To	Terry Environmental P.O. Box 25 Summerville, SC 29484
Attn	Kelly Cone

Project Former Li'l Cricket #339 2170D

CASE NARRATIVE

Client: Terry Environmental Services **Report:** 209061220

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

VOLATILES MASS SPECTROMETRY

In the SW-846 8260B analysis for analytical batch 413380, no MS/MSD was performed due to insufficient sample volume. The LCS/LCSD is included for review.

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND	Indicates the result was Not Detected at the specified RDL
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
00:00	Reported as a time equivalent to 12:00 AM

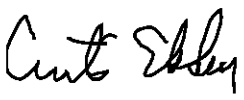
Reporting Flags Utilized in this Report

J	Indicates an estimated value
U	Indicates the compound was analyzed for but not detected
B	(ORGANICS) Indicates the analyte was detected in the associated Method Blank
B	(INORGANICS) Indicates the result is between the RDL and MDL

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with ISO Guide 25 and NELAC, this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the NELAC standard and terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.



Curtis Ebker
Tue Jun 16 16:55:13 2009

Robyn Migues
Technical Director
GCAL REPORT 209061220

THIS REPORT CONTAINS _____ PAGES.

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906122001	MW-34	Solid	06/08/2009 19:10	06/12/2009 09:17
20906122002	MW-35	Solid	06/08/2009 18:00	06/12/2009 09:17
20906122003	DW-6	Solid	06/08/2009 12:00	06/12/2009 09:17
20906122004	DW-10	Solid	06/09/2009 09:45	06/12/2009 09:17
20906122005	MW-33	Solid	06/10/2009 10:30	06/12/2009 09:17
20906122006	MW-31	Solid	06/10/2009 11:00	06/12/2009 09:17
20906122007	MW-32	Solid	06/10/2009 12:45	06/12/2009 09:17

Summary of Compounds Detected

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906122001	**MW-34**	Solid	06/08/2009 19:10	06/12/2009 09:17

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
108-88-3	Toluene	1.15J	5.18	0.207	ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906122002	**MW-35**	Solid	06/08/2009 18:00	06/12/2009 09:17

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
108-88-3	Toluene	1.01J	5.99	0.240	ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906122007	**MW-32**	Solid	06/10/2009 12:45	06/12/2009 09:17

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
108-88-3	Toluene	1.07J	5.02	0.201	ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906122001	**MW-34**	Solid	06/08/2009 19:10	06/12/2009 09:17

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/13/2009 16:16	CLH	413380

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<5.18	5.18	0.142	ug/Kg
108-88-3	**Toluene**	**1.15J**	**5.18**	**0.207**	**ug/Kg**
100-41-4	Ethylbenzene	<5.18	5.18	0.213	ug/Kg
1330-20-7	Xylene (total)	<10.4	10.4	0.710	ug/Kg
91-20-3	Naphthalene	<5.18	5.18	0.854	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	44	43.9	ug/Kg	100	62 - 127
1868-53-7	Dibromofluoromethane	44	48.1	ug/Kg	109	65 - 130
2037-26-5	Toluene d8	44	45.3	ug/Kg	103	71 - 132
17060-07-0	1,2-Dichloroethane-d4	44	47.3	ug/Kg	107	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906122002	**MW-35**	Solid	06/08/2009 18:00	06/12/2009 09:17

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/13/2009 16:39	CLH	413380

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<5.99	5.99	0.164	ug/Kg
108-88-3	**Toluene**	**1.01J**	**5.99**	**0.240**	**ug/Kg**
100-41-4	Ethylbenzene	<5.99	5.99	0.247	ug/Kg
1330-20-7	Xylene (total)	<12.0	12.0	0.822	ug/Kg
91-20-3	Naphthalene	<5.99	5.99	0.988	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50.8	52.4	ug/Kg	103	62 - 127
1868-53-7	Dibromofluoromethane	50.8	55.9	ug/Kg	110	65 - 130
2037-26-5	Toluene d8	50.8	54.2	ug/Kg	107	71 - 132
17060-07-0	1,2-Dichloroethane-d4	50.8	55.5	ug/Kg	109	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906122003	DW-6	Solid	06/08/2009 12:00	06/12/2009 09:17

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/13/2009 17:02	CLH	413380

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<6.08	6.08	0.167	ug/Kg
108-88-3	Toluene	<6.08	6.08	0.243	ug/Kg
100-41-4	Ethylbenzene	<6.08	6.08	0.250	ug/Kg
1330-20-7	Xylene (total)	<12.2	12.2	0.834	ug/Kg
91-20-3	Naphthalene	<6.08	6.08	1.00	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50.5	52.1	ug/Kg	103	62 - 127
1868-53-7	Dibromofluoromethane	50.5	55	ug/Kg	109	65 - 130
2037-26-5	Toluene d8	50.5	53.2	ug/Kg	105	71 - 132
17060-07-0	1,2-Dichloroethane-d4	50.5	49.5	ug/Kg	98	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906122004	**DW-10**	Solid	06/09/2009 09:45	06/12/2009 09:17

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/13/2009 17:24	CLH	413380

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<6.09	6.09	0.167	ug/Kg
108-88-3	Toluene	<6.09	6.09	0.243	ug/Kg
100-41-4	Ethylbenzene	<6.09	6.09	0.251	ug/Kg
1330-20-7	Xylene (total)	<12.2	12.2	0.835	ug/Kg
91-20-3	Naphthalene	<6.09	6.09	1.00	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	51.5	53.3	ug/Kg	103	62 - 127
1868-53-7	Dibromofluoromethane	51.5	56.6	ug/Kg	110	65 - 130
2037-26-5	Toluene d8	51.5	55	ug/Kg	107	71 - 132
17060-07-0	1,2-Dichloroethane-d4	51.5	56.2	ug/Kg	109	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906122005	**MW-33**	Solid	06/10/2009 10:30	06/12/2009 09:17

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/13/2009 17:47	CLH	413380

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<5.18	5.18	0.142	ug/Kg
108-88-3	Toluene	<5.18	5.18	0.207	ug/Kg
100-41-4	Ethylbenzene	<5.18	5.18	0.213	ug/Kg
1330-20-7	Xylene (total)	<10.4	10.4	0.711	ug/Kg
91-20-3	Naphthalene	<5.18	5.18	0.855	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	44.1	45.6	ug/Kg	103	62 - 127
1868-53-7	Dibromofluoromethane	44.1	49	ug/Kg	111	65 - 130
2037-26-5	Toluene d8	44.1	47.7	ug/Kg	108	71 - 132
17060-07-0	1,2-Dichloroethane-d4	44.1	49.8	ug/Kg	113	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906122006	**MW-31**	Solid	06/10/2009 11:00	06/12/2009 09:17

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/13/2009 18:10	CLH	413380

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<4.55	4.55	0.125	ug/Kg
108-88-3	Toluene	<4.55	4.55	0.182	ug/Kg
100-41-4	Ethylbenzene	<4.55	4.55	0.188	ug/Kg
1330-20-7	Xylene (total)	<9.11	9.11	0.625	ug/Kg
91-20-3	Naphthalene	<4.55	4.55	0.751	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	42.4	44.7	ug/Kg	105	62 - 127
1868-53-7	Dibromofluoromethane	42.4	47.3	ug/Kg	111	65 - 130
2037-26-5	Toluene d8	42.4	46.3	ug/Kg	109	71 - 132
17060-07-0	1,2-Dichloroethane-d4	42.4	49.4	ug/Kg	116	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906122007	**MW-32**	Solid	06/10/2009 12:45	06/12/2009 09:17

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/13/2009 18:32	CLH	413380

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<5.02	5.02	0.137	ug/Kg
108-88-3	**Toluene**	**1.07J**	**5.02**	**0.201**	**ug/Kg**
100-41-4	Ethylbenzene	<5.02	5.02	0.207	ug/Kg
1330-20-7	Xylene (total)	<10.0	10.0	0.688	ug/Kg
91-20-3	Naphthalene	<5.02	5.02	0.828	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	39.4	41.1	ug/Kg	104	62 - 127
1868-53-7	Dibromofluoromethane	39.4	42.2	ug/Kg	107	65 - 130
2037-26-5	Toluene d8	39.4	40.2	ug/Kg	102	71 - 132
17060-07-0	1,2-Dichloroethane-d4	39.4	46.5	ug/Kg	118	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GC/MS Volatiles Quality Control Summary

Analytical Batch 413380	Client ID	MB413380			LCS413380			LCSD413380			
Prep Batch N/A	GCAL ID	733040			733041			733042			
	Sample Type	Method Blank			LCS			LCSD			
	Analytical Date	06/13/2009 13:24			06/13/2009 12:15			06/13/2009 12:38			
	Matrix	Solid			Solid			Solid			
SW-846 8260B	**Units**	ug/Kg	**Spike Added**	**Result**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
100-41-4 Ethylbenzene		<5.00	5.00	50.0	54.1	108	80 - 123	50.8	102	6	30
1634-04-4 tert-Butyl methyl ether (MTBE)		<5.00	5.00	50.0	47.9	96	69 - 131	47.2	94	1	30
1330-20-7 Xylene (total)		<10.0	10.0	150	158	105	80 - 120	152	101	4	30
91-20-3 Naphthalene		<5.00	5.00	50.0	47.5	95	58 - 137	50.0	100	5	30
71-43-2 Benzene		<5.00	5.00	50.0	54.3	109	78 - 120	51.9	104	5	21
108-88-3 Toluene		<5.00	5.00	50.0	52.5	105	78 - 122	49.4	99	6	21
Surrogate											
460-00-4 4-Bromofluorobenzene		50	100	50	51.4	103	62 - 127	48.9	98		
1868-53-7 Dibromofluoromethane		51.7	103	50	55.7	111	65 - 130	54	108		
2037-26-5 Toluene d8		55.5	111	50	51.1	102	71 - 132	51.3	103		
17060-07-0 1,2-Dichloroethane-d4		46.4	93	50	51.6	103	62 - 125	52.9	106		

Access Analytical - Chain of Custody Record

Access/4565/20060120/6.99

LAB USE ONLY

Project Work Order #: _____ PO #: _____ Access Quote #: _____ LAB USE ONLY Laboratory ID: _____

Company Name: Terry Environmental

Report To: Kelly Cone

Address: PO Box 25

City: Summerville State: SC Zip: 29484

Phone: (843) 873-8200 Fax:

Email: KCone@Terryenvironmental.com

Project Name: Ft. Lil Cricket #339 2170D

Sampled By: L. Ortman

Preservative: (*see codes below)

↓ REQUESTED LAB ANALYSIS: ↓

BTEX, Naph

Sample Location/Description	Date Collected:	Time Collected:	Type: (grab or composite)	Matrix: (see codes)	# of cont.	
MW-34	6/8/09	1910	gas	S	4	1
MW-35	6/8/09	1800				2
DW-6	6/8/09	1200				3
DW-10	6/9/09	0945				4
MW-33	6/10/09	1030				5
MW-31	6/10/09	1100				6
MW-32	6/10/09	1245	↓	↓	↓	7

ACCESS ANALYTICAL, INC.

7478 Carlisle Street
Irmo, SC 29063

Phone: (803) 781-4243
Fax: 781-4303
Toll Free (888) 315-4243
www.axs-inc.com

*Preservative Codes (place corresponding # in block above analysis field): 0=None, 1=HCL, 2=HNO3, 3=H2SO4, 4=NaOH, 5=Na2S2O3, 6=NaHSO4, Other=Specify

*Matrix Codes (place corresponding code in sample matrix column): GW=ground water, WW=waste water, DW=drinking water, S=soil, SL=sludge, A=air, IW=industrial waste, WO=waste oil, OT=other (Specify in comments section)

NOTES / COMMENTS
(if sample is a composite please use space below to note start/finish times & dates)

Turnaround Time:

X Standard
__ RUSH*
*Date Required: _____
(For rush work, results emailed/faxed by end of business day on date required)

LAB USE ONLY

Samples Recd. on Ice?
X Yes
__ No
Receipt Temp ____

Project Location:
X SC
__ NC
__ Other ____ (specify)

Relinquished By:	Date:	Time:	Received By:
Lauren Mattes	6/10/09	1725	
Christ Dus	6/11/09	1210	FedEx
Fedex	6-12-9	917	

See Reverse for Terms and Conditions

Pg 1 of 1

5.5

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ACCESS
ANALYTICAL, INC.

ANALYTICAL REPORT

CLIENT
Terry Environmental
P.O. Box 25
Summerville, SC 29484

ATTENTION
Kelly Cone

PROJECT ID
FR. Li'L Cricket #$339 / 2170D

LABORATORY REPORT NUMBER
209061918

DATE
06/29/2009

Primary Data Review By

Curtis Ekker
Mon Jun 29 09:22:24 2009

Curtis Ekker
Data Validation Manager, GCAL

Secondary Data Review By

Ashley B. Amick
Project Manager, Access Analytical, Inc.
aamick@accessanalyticalinc.com

PLEASE NOTE:

- **Unless otherwise noted, all analysis on this report performed at Gulf Coast Analytical Labs (GCAL), 7979 GSRI Rd. Baton Rouge, LA 70820.**

- **GCAL is SCDHEC certified laboratory # 73006, NCDENR certified lab # 618, GA certified lab # LA-01955, NELAP certified laboratory # 01955**

- Local support services for this project are provided by Access Analytical, Inc.. Access Analytical is a representative of GCAL serving clients in the SC/NC/GA areas. All questions regarding this report should be directed to your local Access Analytical representative at 803.781.4243 or toll free at 888.315.4243.

NELAP CERTIFICATE NUMBER 01955

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

Report Date 06/29/2009

GCAL Report 209061918

Deliver To	Terry Environmental P.O. Box 25 Summerville, SC 29484
Attn	Kelly Cone

Project FR. Li'L Cricket #$339 / 2170D

CASE NARRATIVE

Client: Terry Environmental Services **Report:** 209061918

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

VOLATILES MASS SPECTROMETRY

In the SW-846 8260B analysis for analytical batch 413745, no MS/MSD was performed due to insufficient sample volume. The LCS/LCSD is included for review.

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND	Indicates the result was Not Detected at the specified RDL
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
00:00	Reported as a time equivalent to 12:00 AM

Reporting Flags Utilized in this Report

J	Indicates an estimated value
U	Indicates the compound was analyzed for but not detected
B	(ORGANICS) Indicates the analyte was detected in the associated Method Blank
B	(INORGANICS) Indicates the result is between the RDL and MDL

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with ISO Guide 25 and NELAC, this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the NELAC standard and terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

Robyn Migues
Technical Director
GCAL REPORT 209061918

THIS REPORT CONTAINS _____ PAGES.

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906191801	MW-23	Solid	06/17/2009 09:50	06/19/2009 09:15
20906191802	MW-24	Solid	06/17/2009 09:15	06/19/2009 09:15
20906191803	MW-25	Solid	06/17/2009 08:40	06/19/2009 09:15
20906191804	MW-28	Solid	06/17/2009 11:15	06/19/2009 09:15
20906191805	MW-36	Solid	06/16/2009 16:30	06/19/2009 09:15
20906191806	MW-37	Solid	06/16/2009 15:00	06/19/2009 09:15

Summary of Compounds Detected

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906191801	MW-23	Solid	06/17/2009 09:50	06/19/2009 09:15

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
108-88-3	Toluene	1.21J	5.62	0.225	ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906191802	MW-24	Solid	06/17/2009 09:15	06/19/2009 09:15

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
108-88-3	Toluene	1.16J	5.72	0.229	ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906191803	MW-25	Solid	06/17/2009 08:40	06/19/2009 09:15

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
108-88-3	Toluene	0.965J	5.00	0.200	ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906191804	MW-28	Solid	06/17/2009 11:15	06/19/2009 09:15

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
108-88-3	Toluene	0.719J	5.07	0.203	ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906191805	MW-36	Solid	06/16/2009 16:30	06/19/2009 09:15

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
108-88-3	Toluene	0.949J	5.23	0.209	ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906191806	MW-37	Solid	06/16/2009 15:00	06/19/2009 09:15

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
108-88-3	Toluene	1.09J	5.75	0.230	ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906191801	**MW-23**	Solid	06/17/2009 09:50	06/19/2009 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/20/2009 12:16	RJU	413745

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<5.62	5.62	0.154	ug/Kg
108-88-3	**Toluene**	**1.21J**	**5.62**	**0.225**	**ug/Kg**
100-41-4	Ethylbenzene	<5.62	5.62	0.232	ug/Kg
1330-20-7	Xylene (total)	<11.2	11.2	0.771	ug/Kg
91-20-3	Naphthalene	<5.62	5.62	0.927	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	40	40.2	ug/Kg	101	62 - 127
1868-53-7	Dibromofluoromethane	40	38.5	ug/Kg	96	65 - 130
2037-26-5	Toluene d8	40	40.5	ug/Kg	101	71 - 132
17060-07-0	1,2-Dichloroethane-d4	40	38.1	ug/Kg	95	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906191802	**MW-24**	Solid	06/17/2009 09:15	06/19/2009 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/20/2009 12:38	RJU	413745

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<5.72	5.72	0.157	ug/Kg
108-88-3	**Toluene**	**1.16J**	**5.72**	**0.229**	**ug/Kg**
100-41-4	Ethylbenzene	<5.72	5.72	0.236	ug/Kg
1330-20-7	Xylene (total)	<11.4	11.4	0.785	ug/Kg
91-20-3	Naphthalene	<5.72	5.72	0.944	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	42.6	43	ug/Kg	101	62 - 127
1868-53-7	Dibromofluoromethane	42.6	43.1	ug/Kg	101	65 - 130
2037-26-5	Toluene d8	42.6	43.3	ug/Kg	102	71 - 132
17060-07-0	1,2-Dichloroethane-d4	42.6	43.5	ug/Kg	102	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906191803	**MW-25**	Solid	06/17/2009 08:40	06/19/2009 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/20/2009 13:01	RJU	413745

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<5.00	5.00	0.137	ug/Kg
108-88-3	**Toluene**	**0.965J**	**5.00**	**0.200**	**ug/Kg**
100-41-4	Ethylbenzene	<5.00	5.00	0.206	ug/Kg
1330-20-7	Xylene (total)	<10.0	10.0	0.687	ug/Kg
91-20-3	Naphthalene	<5.00	5.00	0.826	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	40.1	40	ug/Kg	100	62 - 127
1868-53-7	Dibromofluoromethane	40.1	38.1	ug/Kg	95	65 - 130
2037-26-5	Toluene d8	40.1	40	ug/Kg	100	71 - 132
17060-07-0	1,2-Dichloroethane-d4	40.1	40.7	ug/Kg	101	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906191804	**MW-28**	Solid	06/17/2009 11:15	06/19/2009 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/20/2009 13:24	RJU	413745

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<5.07	5.07	0.139	ug/Kg
108-88-3	**Toluene**	**0.719J**	**5.07**	**0.203**	**ug/Kg**
100-41-4	Ethylbenzene	<5.07	5.07	0.209	ug/Kg
1330-20-7	Xylene (total)	<10.1	10.1	0.695	ug/Kg
91-20-3	Naphthalene	<5.07	5.07	0.836	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	39.7	41.7	ug/Kg	105	62 - 127
1868-53-7	Dibromofluoromethane	39.7	41.1	ug/Kg	103	65 - 130
2037-26-5	Toluene d8	39.7	40.7	ug/Kg	102	71 - 132
17060-07-0	1,2-Dichloroethane-d4	39.7	42.7	ug/Kg	107	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906191805	**MW-36**	Solid	06/16/2009 16:30	06/19/2009 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/20/2009 13:47	RJU	413745

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<5.23	5.23	0.143	ug/Kg
108-88-3	**Toluene**	**0.949J**	**5.23**	**0.209**	**ug/Kg**
100-41-4	Ethylbenzene	<5.23	5.23	0.215	ug/Kg
1330-20-7	Xylene (total)	<10.5	10.5	0.717	ug/Kg
91-20-3	Naphthalene	<5.23	5.23	0.863	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	40.8	42.3	ug/Kg	104	62 - 127
1868-53-7	Dibromofluoromethane	40.8	40.1	ug/Kg	98	65 - 130
2037-26-5	Toluene d8	40.8	43.2	ug/Kg	106	71 - 132
17060-07-0	1,2-Dichloroethane-d4	40.8	38.9	ug/Kg	95	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906191806	**MW-37**	Solid	06/16/2009 15:00	06/19/2009 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/20/2009 14:10	RJU	413745

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<5.75	5.75	0.157	ug/Kg
108-88-3	**Toluene**	**1.09J**	**5.75**	**0.230**	**ug/Kg**
100-41-4	Ethylbenzene	<5.75	5.75	0.237	ug/Kg
1330-20-7	Xylene (total)	<11.5	11.5	0.789	ug/Kg
91-20-3	Naphthalene	<5.75	5.75	0.948	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	47.7	48.6	ug/Kg	102	62 - 127
1868-53-7	Dibromofluoromethane	47.7	47.5	ug/Kg	100	65 - 130
2037-26-5	Toluene d8	47.7	48.3	ug/Kg	101	71 - 132
17060-07-0	1,2-Dichloroethane-d4	47.7	49.7	ug/Kg	104	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GC/MS Volatiles Quality Control Summary

Analytical Batch 413745	Client ID	MB413745			LCS413745			LCSD413745			
Prep Batch N/A	GCAL ID	734892			734893			734894			
	Sample Type	Method Blank			LCS			LCSD			
	Analytical Date	06/20/2009 10:43			06/20/2009 09:57			06/20/2009 11:06			
	Matrix	Solid			Solid			Solid			
SW-846 8260B		**Units**	ug/Kg	**Spike Added**	**Result**	**% R**	**Control Limits %R**	**Result**	**% R**	**RPD**	**RPD Limit**
100-41-4	Ethylbenzene	<5.00	5.00	50.0	51.1	102	80 - 123	46.9	94	9	30
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00	50.0	46.1	92	69 - 131	42.7	85	8	30
1330-20-7	Xylene (total)	<10.0	10.0	150	150	100	80 - 120	144	96	4	30
91-20-3	Naphthalene	<5.00	5.00	50.0	58.5	117	58 - 137	53.1	106	10	30
71-43-2	Benzene	<5.00	5.00	50.0	47.9	96	78 - 120	47.7	95	0.4	21
108-88-3	Toluene	<5.00	5.00	50.0	48.6	97	78 - 122	48.2	96	0.8	21
Surrogate											
460-00-4	4-Bromofluorobenzene	53	106	50	49.9	100	62 - 127	53.2	106		
1868-53-7	Dibromofluoromethane	51.6	103	50	49.2	98	65 - 130	49.6	99		
2037-26-5	Toluene d8	50.1	100	50	49.5	99	71 - 132	51.7	103		
17060-07-0	1,2-Dichloroethane-d4	55.6	111	50	46	92	62 - 125	48.3	97		

Access Analytical - Chain of Custody Record

LAB USE ONLY

Project Work Order #

PO #

Access Quote #

LAB USE ONLY

Laboratory ID:

Company Name: Terry Enviromental

Report To: Kelly Cone

Address: PO Box 25

City: Summerville State: SC Zip: 29484

Phone: (843) 873-8200 Fax:

Email: K Cone @ Terry environmental. com

Project Name: Ft. Li'L Cricket #339 2170D

Sampled By: L. Ortman

Sample Location/Description	Date Collected:	Time Collected:	Type: (grab or composite)	Matrix: (see codes)	# of cont.
MW-23	6/17/09	0950	grab	S	4
MW-24	6/17/09	0915			
MW-25	6/17/09	0840			
MW-28	6/17/09	1115			
MW-36	6/16/09	1630			
MW-37	6/16/09	1500			

Preservative: (*see codes below)

REQUESTED LAB ANALYSIS: BTEX, Naph

-1 -2 -3 -4 -5 -6

NOTES / COMMENTS (if sample is a composite please see space below to note start/finish times & dates)

ACCESS ANALYTICAL, INC.

7478 Carlisle Street
Irmo, SC 29063

Phone: (803) 781-4243
Fax: 781-4303
Toll Free (888) 315-4243

www.axs-inc.com

*Preservative Codes (place corresponding # in block above analysis field): 0=None, 1=HCL, 2=HNO_3, 3=H_2SO_4, 4=NaOH, 5=$Na_2S_2O_3$, 6=$NaHSO_4$, Other=Specify

*Matrix Codes (place corresponding code in sample matrix column): GW=ground water, WW=waste water, DW=drinking water, S=soil, SL=sludge, A=air, IW=industrial waste, WO=waste oil, OT=other (Specify in comments section)

Turnaround Time:

X Standard
__ RUSH*
*Date Required:
(For rush work, results emailed/faxed by end of business day on date required)

LAB USE ONLY

Samples Recd. on Ice?
X Yes
__ No
Receipt Temp 1.2°

Project Location:
X SC
__ NC
__ Other (specify)

Relinquished By:	Date:	Time:	Received By:
[signature]	6/18/09	1330	[signature]
[signature]	6/18/09	1700	FEDEX
FEDEX	6-19-09	0915	A Marston

See Reverse for Terms and Conditions

Original Copy - Returned w/Report
Yellow Copy - Access File Copy
Pink Copy - Client Copy

APPENDIX 6

Well Sampling Logs

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170D
SCDHEC Permit No.	07303
Project Name	Former Li'L Cricket #339
Date	6/22/09
Field Personnel	LO, GM
General Weather	Overcast
Ambient Air Temperature	85°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-21
Testing Parameters	BTEX, NAPH, MTBE and EDB 1,2 DCA

Well Diameter	2	in
Screened Interval	40-55	ft
Total Well Depth	55.0	ft
Depth to Groundwater	49.56	ft
Length of Water Column	5.44	ft
1 Casing Volume (0.163)	0.87	gals
3 Casing Volumes (0.489)	2.66	gals
Total Volume Purged	3	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

55.0

Volume (gal)	1	2	3							
Time	1645	1650	1655							
pH (su)	5.57	5.55	5.53							
Spec Conductivity	48.1	48.5	51.7							
Water Temperature	19.5	19.3	19.3							
Turbidity (subjective)	3	3	3							
Dissolved Oxygen (mg/L)	7.6	7.6	7.7							

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170D
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	6/22/09
Field Personnel	LO, GM
General Weather	Overcast
Ambient Air Temperature	85°F

Quality Assurance

pH Meter	Oakton		*Conductivity Meter*	Oakton	
Serial Number	73168		*Serial Number*	73168	
Calibration Constant	4.01		*Calibration Constant*	447 µS	
Calibration Constant	7.00		*Calibration Constant*	1413 µS	
Calibration Constant	10.00		*Calibration Constant*		

Monitoring Well Information

Well ID	MW-22
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, & EDB

Well Diameter	2	in
Screened Interval	40-55	ft
Total Well Depth	54.9	ft
Depth to Groundwater	48.02	ft
Length of Water Column	6.88	ft
1 Casing Volume (0.163)	1.12	gals
3 Casing Volumes (0.489)	3.36	gals
Total Volume Purged	3.75	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

54.9

Volume (gal)	1.25	2.5	3.75								
Time	1450	1500	1510								
pH (su)	5.79	5.77	5.76								
Spec Conductivity	100.1	96.6	102.7								
Water Temperature	20.4	20.1	20.0								
Turbidity (subjective)	2	2	2								
Dissolved Oxygen (mg/L)	5.5	5.9	5.8								

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170D
SCDHEC Permit No.	07303
Project Name	Former Li'L Cricket #339
Date	6/22/09
Field Personnel	LO, GM
General Weather	Cloudy
Ambient Air Temperature	85°

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-23	
Testing Parameters	BTEX, NAPH, MTBE and EDB 1,2 DCA	
Well Diameter	2	in
Screened Interval	40-55	ft
Total Well Depth	55.30	ft
Depth to Groundwater	48.52	ft
Length of Water Column	6.78	ft
1 Casing Volume (0.163)	1.10	gals
3 Casing Volumes (0.489)	3.30	gals
Total Volume Purged	3.75	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

55.30

Volume (gal)	1.25	2.50	3.75							
Time	1345	1350	1400							
pH (su)	7.09	7.01	7.00							
Spec Conductivity	252	250	250							
Water Temperature	20.6	19.8	19.6							
Turbidity (subjective)	2	3	3							
Dissolved Oxygen (mg/L)	3.8	3.6	3.2							

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

- petro odor

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170D
SCDHEC Permit No.	07303
Project Name	Former Li'L Cricket #339
Date	6/22/09
Field Personnel	LO, GM
General Weather	Cloudy
Ambient Air Temperature	85°

Monitoring Well Information

Well ID	MW-24
Testing Parameters	BTEX, NAPH, MTBE and EDB 1,2 DCA

Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	40-55	ft	
Total Well Depth	54.85	ft	54.85
Depth to Groundwater	48.43	ft	
Length of Water Column	6.42	ft	
1 Casing Volume (0.163)	1.05	gals	
3 Casing Volumes (0.489)	3.15	gals	
Total Volume Purged	3.75	gals	

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Volume (gal)	1.25	2.5	3.75						
Time	13:50	14:00	14:10						
pH (su)	6.59	6.26	6.21						
Spec Conductivity	319	317	315						
Water Temperature	20.0	20.5	20.4						
Turbidity (subjective)	2	3	3						
Dissolved Oxygen (mg/L)	2.0	2.2	2.2						

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	↓
-other comments	

Additional Comments

Slight petro smell

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information	
Terry Project ID	2170D
SCDHEC Permit No.	07303
Project Name	Former Li'L Cricket #339
Date	6/22/09
Field Personnel	LO, GM
General Weather	Overcast
Ambient Air Temperature	85°F

Quality Assurance			
pH Meter	Oakton	Conductivity Meter	Oakton
Serial Number	73168	Serial Number	73168
Calibration Constant	4.01	Calibration Constant	447 µS
Calibration Constant	7.00	Calibration Constant	1413 µS
Calibration Constant	10.00	Calibration Constant	

Monitoring Well Information		
Well ID	MW-25	
Testing Parameters	BTEX, NAPH, MTBE and EDB 1,2 DCA	
Well Diameter	2	in
Screened Interval	39-54	ft
Total Well Depth	54.10	ft
Depth to Groundwater	46.31	ft
Length of Water Column	7.79	ft
1 Casing Volume (0.163)	1.27	gals
3 Casing Volumes (0.489)	3.8	gals
Total Volume Purged	4.5	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

54.10

Volume (gal)	1.5	3.0	4.5								
Time	1420	1430	1440								
pH (su)	6.02	6.02	5.99								
Spec Conductivity	311	298	289								
Water Temperature	20.3	20.0	20.0								
Turbidity (subjective)	2	3	3								
Dissolved Oxygen (mg/L)	1.3	1.2	1.2								

Well Condition Information	
-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	↓
-other comments	

Additional Comments
Strong petro odor

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170D
SCDHEC Permit No.	07303
Project Name	Former Li'L Cricket #339
Date	6/22/09
Field Personnel	LO, GM
General Weather	Sunny
Ambient Air Temperature	85°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-26	
Testing Parameters	BTEX, NAPH, MTBE and EDB 1,2 DCA	
Well Diameter	2	in
Screened Interval	37-52	ft
Total Well Depth	51.05	ft
Depth to Groundwater	43.96	ft
Length of Water Column	7.09	ft
1 Casing Volume (0.163)	1.16	gals
3 Casing Volumes (0.489)	3.47	gals
Total Volume Purged	2.75	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

51.05

Volume (gal)	1.25	2.5	2.75								
Time	1615	1625	1635								
pH (su)	5.98	6.01	6.03								
Spec Conductivity	203	291	293								
Water Temperature	19.9	19.9	20.0								
Turbidity (subjective)	3	3	3								
Dissolved Oxygen (mg/L)	2.5	2.8	3.3								

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

- Soft bottom
- dry @ 2.75 gallons
- Slight petro odor

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170D
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	6/22/09
Field Personnel	LO, GM
General Weather	Sunny
Ambient Air Temperature	85°F

Monitoring Well Information

Well ID	MW-27		
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, & EDB		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	40-55	ft	
Total Well Depth	54.33	ft	
Depth to Groundwater	46.59	ft	
Length of Water Column	7.74	ft	
1 Casing Volume (0.163)	1.26	gals	
3 Casing Volumes (0.489)	3.78	gals	54.33
Total Volume Purged	4.5	gals	

Quality Assurance

pH Meter	Oakton		*Conductivity Meter*	Oakton	
Serial Number	73168		*Serial Number*	73168	
Calibration Constant	4.01		*Calibration Constant*	447 µS	
Calibration Constant	7.00		*Calibration Constant*	1413 µS	
Calibration Constant	10.00		*Calibration Constant*		

Volume (gal)	1.5	3.0	4.5								
Time	1540	1545	1555								
pH (su)	6.41	6.37	6.25								
Spec Conductivity	296	302	308								
Water Temperature	20.7	21.0	20.9								
Turbidity (subjective)	2	2	2								
Dissolved Oxygen (mg/L)	0.9	1.0	1.0								

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

- Strong petro odor

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170D
SCDHEC Permit No.	07303
Project Name	Former Li'L Cricket #339
Date	6/22/09
Field Personnel	LO, GM
General Weather	Sunny
Ambient Air Temperature	85°F

Quality Assurance

pH Meter	Oakton	Conductivity Meter	Oakton
Serial Number	73168	Serial Number	73168
Calibration Constant	4.01	Calibration Constant	447 µS
Calibration Constant	7.00	Calibration Constant	1413 µS
Calibration Constant	10.00	Calibration Constant	

Monitoring Well Information

Well ID	MW-28	
Testing Parameters	BTEX, NAPH, MTBE and EDB 1,2 DCA	
Well Diameter	2	in
Screened Interval	40-55	ft
Total Well Depth	54.9	ft
Depth to Groundwater	48.87	ft
Length of Water Column	6.03	ft
1 Casing Volume (0.163)	0.98	gals
3 Casing Volumes (0.489)	2.95	gals
Total Volume Purged	3	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

54.9

	1	2	3
Volume (gal)			
Time	15:35	15:40	15:45
pH (su)	7.35	6.33	5.96
Spec Conductivity	140.3	125.2	123.0
Water Temperature	20.4	20.2	21.1
Turbidity (subjective)	3	3	3
Dissolved Oxygen (mg/L)	4.1	3.7	3.4

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	↓
-other comments	

Additional Comments

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170D
SCDHEC Permit No.	07303
Project Name	Former Li'L Cricket #339
Date	6/22/09
Field Personnel	LO, GM
General Weather	Overcast
Ambient Air Temperature	85°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-29
Testing Parameters	BTEX, NAPH, MTBE and EDB 1,2 DCA

Well Diameter	2	in
Screened Interval	40-55	ft
Total Well Depth	55.2	ft
Depth to Groundwater	46.43	ft
Length of Water Column	8.77	ft
1 Casing Volume (0.163)	1.43	gals
3 Casing Volumes (0.489)	4.29	gals
Total Volume Purged	4.5	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

55.2

Volume (gal)	1.5	3.0	4.5								
Time	1215	1225	1235								
pH (su)	6.10	6.13	6.15								
Spec Conductivity	254	277	292								
Water Temperature	20.2	20.0	19.8								
Turbidity (subjective)	2	2	2								
Dissolved Oxygen (mg/L)	1.7	1.0	0.7								

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

- Strong petro odor

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170D
SCDHEC Permit No.	07303
Project Name	Former Li'L Cricket #339
Date	6/22/09
Field Personnel	LO, GM
General Weather	Cloudy
Ambient Air Temperature	85°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-30
Testing Parameters	BTEX, NAPH, MTBE and EDB 1,2 DCA

Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	45-60	ft	
Total Well Depth	60.4	ft	
Depth to Groundwater	40.72	ft	
Length of Water Column	19.68	ft	
1 Casing Volume (0.163)	3.21	gals	
3 Casing Volumes (0.489)	9.62	gals	
Total Volume Purged	9.75	gals	

Volume (gal)	3.25	6.5	9.75							
Time	1125	1140	1155							
pH (su)	6.89	6.97	6.98							
Spec Conductivity	339	468	472							
Water Temperature	21.7	21.0	21.0							
Turbidity (subjective)	3	3	3							
Dissolved Oxygen (mg/L)	2.6	3.0	2.8							

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

- Slight petro odor

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170D
SCDHEC Permit No.	07303
Project Name	Former Li'L Cricket #339
Date	6/22/09
Field Personnel	LO, GM
General Weather	Overcast
Ambient Air Temperature	80°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-31
Testing Parameters	BTEX, NAPH, MTBE and EDB 1,2 DCA

Well Diameter	2	in
Screened Interval	26-41	ft
Total Well Depth	40.33	ft
Depth to Groundwater	32.82	ft
Length of Water Column	7.51	ft
1 Casing Volume (0.163)	1.22	gals
3 Casing Volumes (0.489)	3.66	gals
Total Volume Purged	3.75	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

40.33

Volume (gal)	1.25	2.50	3.75								
Time	2025	2030	2035								
pH (su)	6.38	6.27	6.26								
Spec Conductivity	204	202	197								
Water Temperature	20.0	19.8	19.8								
Turbidity (subjective)	3	3	3								
Dissolved Oxygen (mg/L)	4.6	5.1	5.1								

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170D
SCDHEC Permit No.	07303
Project Name	Former Li'L Cricket #339
Date	6/22/09
Field Personnel	LO, GM
General Weather	Overcast
Ambient Air Temperature	80F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-32
Testing Parameters	BTEX, NAPH, MTBE and EDB 1,2 DCA

Well Diameter	2	in
Screened Interval	30-45	ft
Total Well Depth	44.42	ft
Depth to Groundwater	34.86	ft
Length of Water Column	9.56	ft
1 Casing Volume (0.163)	1.56	gals
3 Casing Volumes (0.489)	4.67	gals
Total Volume Purged	5.25	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

44.42

Volume (gal)	1.75	3.5	5.25								
Time	2005	2010	2020								
pH (su)	6.17	6.19	6.21								
Spec Conductivity	256	290	320								
Water Temperature	20.2	19.8	19.8								
Turbidity (subjective)	3	3	3								
Dissolved Oxygen (mg/L)	5.2	5.5	5.7								

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	"
-manhole and cover acceptable?	"
-well pad acceptable?	"
-area safe?	"
-other comments	

Additional Comments

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170D
SCDHEC Permit No.	07303
Project Name	Former Li'L Cricket #339
Date	6/22/09
Field Personnel	LO, GM
General Weather	Overcast
Ambient Air Temperature	80°F

Quality Assurance

pH Meter	Oakton	Conductivity Meter	Oakton
Serial Number	73168	Serial Number	73168
Calibration Constant	4.01	Calibration Constant	447 µS
Calibration Constant	7.00	Calibration Constant	1413 µS
Calibration Constant	10.00	Calibration Constant	

Monitoring Well Information

Well ID	MW-33	
Testing Parameters	BTEX, NAPH, MTBE and EDB 1,2 DCA	
Well Diameter	2	in
Screened Interval	29-44	ft
Total Well Depth	43.53	ft
Depth to Groundwater	36.67	ft
Length of Water Column	6.87	ft
1 Casing Volume (0.163)	1.12	gals
3 Casing Volumes (0.489)	3.35	gals
Total Volume Purged	3.75	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

43.53

Volume (gal)	1.25	2.5	3.75							
Time	2000	20:05	20:10							
pH (su)	5.51	5.82	6.17							
Spec Conductivity	141.6	147.7	146.5							
Water Temperature	20.0	20.0	20.1							
Turbidity (subjective)	3	3	3							
Dissolved Oxygen (mg/L)	5.3	4.8	4.8							

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170D
SCDHEC Permit No.	07303
Project Name	Former Li'L Cricket #339
Date	6/22/09
Field Personnel	LO, GM
General Weather	Overcast
Ambient Air Temperature	80°F

Quality Assurance

pH Meter	Oakton	Conductivity Meter	Oakton
Serial Number	73168	Serial Number	73168
Calibration Constant	4.01	Calibration Constant	447 µS
Calibration Constant	7.00	Calibration Constant	1413 µS
Calibration Constant	10.00	Calibration Constant	

Monitoring Well Information

Well ID	MW-34
Testing Parameters	BTEX, NAPH, MTBE and EDB 1,2DCA

Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	30-45	ft	
Total Well Depth	45.0	ft	45.0
Depth to Groundwater	39.61	ft	
Length of Water Column	5.39	ft	
1 Casing Volume (0.163)	0.88	gals	
3 Casing Volumes (0.489)	2.64	gals	
Total Volume Purged	3	gals	

Volume (gal)	1	2	3								
Time	1900	1905	1910								
pH (su)	5.22	5.23	5.26								
Spec Conductivity	56.9	57.7	59.7								
Water Temperature	20.7	20.7	20.6								
Turbidity (subjective)	3	3	3								
Dissolved Oxygen (mg/L)	6.0	6.2	5.7								

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	↓
-well pad acceptable?	↓
-area safe?	↓
-other comments	

Additional Comments

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170D
SCDHEC Permit No.	07303
Project Name	Former Li'L Cricket #339
Date	6/22/09
Field Personnel	LO, GM
General Weather	Overcast
Ambient Air Temperature	80°F

Quality Assurance

pH Meter	Oakton	Conductivity Meter	Oakton
Serial Number	73168	Serial Number	73168
Calibration Constant	4.01	Calibration Constant	447 µS
Calibration Constant	7.00	Calibration Constant	1413 µS
Calibration Constant	10.00	Calibration Constant	

Monitoring Well Information

Well ID	MW-35
Testing Parameters	BTEX, NAPH, MTBE and EDB 1,2 DCA

Well Diameter	2	in
Screened Interval	31-46	ft
Total Well Depth	45.26	ft
Depth to Groundwater	40.48	ft
Length of Water Column	4.78	ft
1 Casing Volume (0.163)	0.78	gals
3 Casing Volumes (0.489)	2.34	gals
Total Volume Purged	3	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

45.26

Volume (gal)	1	2	3
Time	19:00	19:20	19:25
pH (su)	9.20	7.44	6.35
Spec Conductivity	57.0	39.2	33.0
Water Temperature	20.7	20.7	20.5
Turbidity (subjective)	2	3	3
Dissolved Oxygen (mg/L)	6.5	6.5	6.5

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services
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Site Specific Information

Terry Project ID	2170D
SCDHEC Permit No.	07303
Project Name	Former Li'L Cricket #339
Date	6/22/09
Field Personnel	LO, GM
General Weather	Overcast
Ambient Air Temperature	80°F

Quality Assurance

pH Meter	Oakton	Conductivity Meter	Oakton
Serial Number	73168	Serial Number	73168
Calibration Constant	4.01	Calibration Constant	447 µS
Calibration Constant	7.00	Calibration Constant	1413 µS
Calibration Constant	10.00	Calibration Constant	

Monitoring Well Information

Well ID	MW-36
Testing Parameters	BTEX, NAPH, MTBE and EDB 1,2 DCA

Well Diameter	2	in
Screened Interval	31-46	ft
Total Well Depth	46.3	ft
Depth to Groundwater	40.42	ft
Length of Water Column	5.88	ft
1 Casing Volume (0.163)	0.96	gals
3 Casing Volumes (0.489)	2.87	gals
Total Volume Purged	3	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

46.3

Volume (gal)	1	2	3								
Time	1930	1935	1940								
pH (su)	6.86	6.87	6.89								
Spec Conductivity	58.4	52.4	53.6								
Water Temperature	19.7	19.6	19.6								
Turbidity (subjective)	3	3	3								
Dissolved Oxygen (mg/L)	7.2	7.4	7.2								

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170D
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	6/22/09
Field Personnel	LO, GM
General Weather	Overcast
Ambient Air Temperature	85°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-37
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, & EDB

Well Diameter	2	in
Screened Interval	29-44	ft
Total Well Depth	44.6	ft
Depth to Groundwater	35.92	ft
Length of Water Column	8.68	ft
1 Casing Volume (0.163)	1.41	gals
3 Casing Volumes (0.489)	4.24	gals
Total Volume Purged	4.5	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

44.6

Volume (gal)	1.5	3.0	4.5							
Time	1735	1745	1755							
pH (su)	5.32	5.25	5.27							
Spec Conductivity	77.2	76.3	75.4							
Water Temperature	21.0	20.5	20.7							
Turbidity (subjective)	3	3	3							
Dissolved Oxygen (mg/L)	6.5	7.4	7.3							

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	↓
-well pad acceptable?	↓
-area safe?	↓
-other comments	

Additional Comments

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170D
SCDHEC Permit No.	07303
Project Name	Former Li'L Cricket #339
Date	6/22/09
Field Personnel	LO, GM
General Weather	Cloudy
Ambient Air Temperature	HSP

Monitoring Well Information

Well ID	MW-38	
Testing Parameters	BTEX, NAPH, MTBE and EDB 1,2 DCA	
Well Diameter	2	in
Screened Interval	32-47	ft
Total Well Depth	47.27	ft
Depth to Groundwater	34.61	ft
Length of Water Column	12.66	ft
1 Casing Volume (0.163)	2.06	gals
3 Casing Volumes (0.489)	6.18	gals
Total Volume Purged	6.75	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

47.27

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Volume (gal)	2.25	4.50	6.75						
Time	1815	18:20	18:25						
pH (su)	5.65	5.59	5.58						
Spec Conductivity	91.8	89.9	89.9						
Water Temperature	20.0	20.1	20.1						
Turbidity (subjective)	3	3	3						
Dissolved Oxygen (mg/L)	6.6	6.2	6.0						

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170D
SCDHEC Permit No.	07303
Project Name	Former Li'L Cricket #339
Date	6/22/09
Field Personnel	LO, GM
General Weather	Cloudy
Ambient Air Temperature	85°

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	DW-5
Testing Parameters	BTEX, NAPH, MTBE and EDB 1,2 DCA

Well Diameter	2	in
Screened Interval	75-80	ft
Total Well Depth	79.92	ft
Depth to Groundwater	45.55	ft
Length of Water Column	34.37	ft
1 Casing Volume (0.163)	5.60	gals
3 Casing Volumes (0.489)	16.80	gals
Total Volume Purged	5.25	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

79.92

Volume (gal)	5.25										
Time	15:00										
pH (su)	12.52										
Spec Conductivity	18.40ms										
Water Temperature	21.9										
Turbidity (subjective)	2										
Dissolved Oxygen (mg/L)	6.5										

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Day 0 5.25 gallons; enough to sample

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170D
SCDHEC Permit No.	07303
Project Name	Former Li'L Cricket #339
Date	6/22/09 - 6/23/09
Field Personnel	LO, GM
General Weather	Cloudy
Ambient Air Temperature	85F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	DW-6
Testing Parameters	BTEX, NAPH, MTBE and EDB 1,2 DCA

Well Diameter	2	in
Screened Interval	115-130	ft
Total Well Depth	129.76	ft
Depth to Groundwater	63.39	ft
Length of Water Column	66.37	ft
1 Casing Volume (0.163)	10.8	gals
3 Casing Volumes (0.489)	32.4	gals
Total Volume Purged	8.5	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

129.76

Volume (gal)	8.5	8.5									
Time	1230	0755									
pH (su)	10.76	10.66									
Spec Conductivity	630	672									
Water Temperature	19.8	20.3									
Turbidity (subjective)	3	3									
Dissolved Oxygen (mg/L)	3.3	1.9									

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

- dry @ 8.5 gallons, wait till tomorrow for recharge / sample

- 6/23/09 H2O level at 116.73, Sample at 0755

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170D
SCDHEC Permit No.	07303
Project Name	Former Li'L Cricket #339
Date	6/22/09 – 6/23/09
Field Personnel	LO, GM
General Weather	Cloudy
Ambient Air Temperature	85F

Quality Assurance

pH Meter	Oakton	Conductivity Meter	Oakton
Serial Number	73168	Serial Number	73168
Calibration Constant	4.01	Calibration Constant	447 µS
Calibration Constant	7.00	Calibration Constant	1413 µS
Calibration Constant	10.00	Calibration Constant	

Monitoring Well Information

Well ID	DW-7	
Testing Parameters	BTEX, NAPH, MTBE and EDB 1,2 DCA	
Well Diameter	2	in
Screened Interval	115-120	ft
Total Well Depth	120.60	ft
Depth to Groundwater	113.41	ft
Length of Water Column	7.19	ft
1 Casing Volume (0.163)	1.17	gals
3 Casing Volumes (0.489)	3.51	gals
Total Volume Purged	2.0	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

120.60

Volume (gal)	1.5	2	2
Time	1050	1100	0800
pH (su)	12.11	12.14	12.16
Spec Conductivity	4.56 ms	4.24 ms	4.14 ms
Water Temperature	20.4	20.3	20.1
Turbidity (subjective)	1	3	3
Dissolved Oxygen (mg/L)	4.7	4.6	3.4

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

dry @ 2 gallons wait recharge over night (purge 6/22/09)

- 6/23/09 H_2O @ 117.02 Sample at 0800

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170D
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	6/22/09
Field Personnel	LO, GM
General Weather	Cloudy
Ambient Air Temperature	85F

Quality Assurance

pH Meter	Oakton	Conductivity Meter	Oakton
Serial Number	73168	Serial Number	73168
Calibration Constant	4.01	Calibration Constant	447 µS
Calibration Constant	7.00	Calibration Constant	1413 µS
Calibration Constant	10.00	Calibration Constant	

Monitoring Well Information

Well ID	DW-9
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, & EDB

Well Diameter	2	in
Screened Interval	75-80	ft
Total Well Depth	80.14	ft
Depth to Groundwater	37.64	ft
Length of Water Column	42.50	ft
1 Casing Volume (0.163)	6.92	gals
3 Casing Volumes (0.489)	20.76	gals
Total Volume Purged	21	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

80.14

Volume (gal)	7	14	21								
Time	1755	1800	1810								
pH (su)	6.43	6.41	6.47								
Spec Conductivity	170.5	159.4	152.7								
Water Temperature	19.7	19.9	19.6								
Turbidity (subjective)	1	1	1								
Dissolved Oxygen (mg/L)	5.4	5.7	5.9								

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170D
SCDHEC Permit No.	07303
Project Name	Former Li'L Cricket #339
Date	~~10/20/08~~ - 6/23/09
Field Personnel	LO, GM
General Weather	Cloudy
Ambient Air Temperature	85F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	DW-10
Testing Parameters	BTEX, NAPH, MTBE and EDB 1,2 DCA

Well Diameter	2	in
Screened Interval	115-120	ft
Total Well Depth	119.85	ft
Depth to Groundwater	37.84	ft
Length of Water Column	82.01	ft
1 Casing Volume (0.163)	13.36	gals
3 Casing Volumes (0.489)	40.08	gals
Total Volume Purged	21.25	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

119.85

Volume (gal)	13.5	21.25									
Time	19:00	7:36									
pH (su)	11.71	12.22									
Spec Conductivity	5.37 mS	4.09 mS									
Water Temperature	21.9	20.8									
Turbidity (subjective)	1	1									
Dissolved Oxygen (mg/L)	1.7	5.5									

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Dry @ 21.25 gallons - enough to sample

APPENDIX 7

Groundwater Analytical Data

ACCESS
ANALYTICAL, INC.

ANALYTICAL REPORT

CLIENT
Terry Environmental
P.O. Box 25
Summerville, SC 29484

ATTENTION
Kelly Cone

PROJECT ID
2170 D / Li'l Cricket #339

LABORATORY REPORT NUMBER
209062512

DATE
06/30/2009

Primary Data Review By

Curtis Ekker
Data Validation Manager, GCAL

Secondary Data Review By

Ashley B. Amick
Project Manager, Access Analytical, Inc.
aamick@accessanalyticalinc.com

PLEASE NOTE:

- **Unless otherwise noted, all analysis on this report performed at Gulf Coast Analytical Labs (GCAL), 7979 GSRI Rd. Baton Rouge, LA 70820.**

- **GCAL is SCDHEC certified laboratory # 73006, NCDENR certified lab # 618, GA certified lab # LA-01955, NELAP certified laboratory # 01955**

- Local support services for this project are provided by Access Analytical, Inc.. Access Analytical is a representative of GCAL serving clients in the SC/NC/GA areas. All questions regarding this report should be directed to your local Access Analytical representative at 803.781.4243 or toll free at 888.315.4243.

NELAP CERTIFICATE NUMBER 01955

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

Report Date 06/30/2009

GCAL Report 209062512

Deliver To	Terry Environmental P.O. Box 25 Summerville, SC 29484
Attn	Kelly Cone

Project 2170 D / Li'l Cricket #339

CASE NARRATIVE

Client: Terry Environmental Services **Report:** 209062512

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

VOLATILES MASS SPECTROMETRY

In the SW-846 8260B analysis, samples 20906251204 (MW-24), 20906251205 (MW-25), 20906251206 (MW-26) and 20906251207 (MW-27) had to be diluted to bracket the concentration of target compounds within the calibration range of the instrument.

In the SW-846 8260B analysis of sample 20906251219 (DW-5), the recovery for the surrogate Dibromofluoromethane was outside of the established control limits. The sample was re-analyzed and similar results were observed.

In the SW-846 8260B analysis for analytical batch 414140, the LCS/LCSD exhibited marginal sporadic recovery failures for the extended list of spike compounds.

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND	Indicates the result was Not Detected at the specified RDL
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
00:00	Reported as a time equivalent to 12:00 AM

Reporting Flags Utilized in this Report

J	Indicates an estimated value
U	Indicates the compound was analyzed for but not detected
B	(ORGANICS) Indicates the analyte was detected in the associated Method Blank
B	(INORGANICS) Indicates the result is between the RDL and MDL

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with ISO Guide 25 and NELAC, this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the NELAC standard and terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

Robyn Migues
Technical Director
GCAL REPORT 209062512

THIS REPORT CONTAINS _____ PAGES.

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251201	MW-21	Water	06/22/2009 16:55	06/25/2009 09:50
20906251202	MW-22	Water	06/22/2009 15:10	06/25/2009 09:50
20906251203	MW-23	Water	06/22/2009 14:00	06/25/2009 09:50
20906251204	MW-24	Water	06/22/2009 14:10	06/25/2009 09:50
20906251205	MW-25	Water	06/22/2009 14:40	06/25/2009 09:50
20906251206	MW-26	Water	06/22/2009 16:35	06/25/2009 09:50
20906251207	MW-27	Water	06/22/2009 15:55	06/25/2009 09:50
20906251208	MW-28	Water	06/22/2009 15:45	06/25/2009 09:50
20906251209	MW-29	Water	06/22/2009 12:35	06/25/2009 09:50
20906251210	MW-30	Water	06/22/2009 11:55	06/25/2009 09:50
20906251211	MW-31	Water	06/22/2009 20:35	06/25/2009 09:50
20906251212	MW-32	Water	06/22/2009 20:20	06/25/2009 09:50
20906251213	MW-33	Water	06/22/2009 20:10	06/25/2009 09:50
20906251214	MW-34	Water	06/22/2009 19:10	06/25/2009 09:50
20906251215	MW-35	Water	06/22/2009 19:25	06/25/2009 09:50
20906251216	MW-36	Water	06/22/2009 19:40	06/25/2009 09:50
20906251217	MW-37	Water	06/22/2009 17:55	06/25/2009 09:50
20906251218	MW-38	Water	06/22/2009 18:25	06/25/2009 09:50
20906251219	DW-5	Water	06/22/2009 15:00	06/25/2009 09:50
20906251220	DW-6	Water	06/23/2009 07:55	06/25/2009 09:50
20906251221	DW-7	Water	06/23/2009 08:00	06/25/2009 09:50
20906251222	DW-9	Water	06/22/2009 18:10	06/25/2009 09:50
20906251223	DW-10	Water	06/23/2009 07:30	06/25/2009 09:50

Summary of Compounds Detected

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251204	**MW-24**	Water	06/22/2009 14:10	06/25/2009 09:50

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	233	20.0	1.49	ug/L
108-88-3	Toluene	195	20.0	1.64	ug/L
100-41-4	Ethylbenzene	1040	20.0	1.04	ug/L
1330-20-7	Xylene (total)	2990	60.0	6.68	ug/L
91-20-3	Naphthalene	312	100	2.02	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	19.5J	20.0	1.94	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251205	**MW-25**	Water	06/22/2009 14:40	06/25/2009 09:50

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	299	10.0	0.747	ug/L
108-88-3	Toluene	65.8	10.0	0.820	ug/L
100-41-4	Ethylbenzene	635	10.0	0.522	ug/L
1330-20-7	Xylene (total)	1260	30.0	3.34	ug/L
91-20-3	Naphthalene	226	50.0	1.01	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	103	10.0	0.972	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251206	**MW-26**	Water	06/22/2009 16:35	06/25/2009 09:50

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	399	10.0	0.747	ug/L
108-88-3	Toluene	119	10.0	0.820	ug/L
100-41-4	Ethylbenzene	335	10.0	0.522	ug/L
1330-20-7	Xylene (total)	1160	30.0	3.34	ug/L
91-20-3	Naphthalene	165	50.0	1.01	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	156	10.0	0.972	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251207	**MW-27**	Water	06/22/2009 15:55	06/25/2009 09:50

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	500	10.0	0.747	ug/L
108-88-3	Toluene	13.1	10.0	0.820	ug/L
100-41-4	Ethylbenzene	261	10.0	0.522	ug/L
1330-20-7	Xylene (total)	96.8	30.0	3.34	ug/L
91-20-3	Naphthalene	60.9	50.0	1.01	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	1060	10.0	0.972	ug/L

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251208	**MW-28**	Water	06/22/2009 15:45	06/25/2009 09:50

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
91-20-3	Naphthalene	3.98J	5.00	0.101	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.749J	1.00	0.097	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251209	**MW-29**	Water	06/22/2009 12:35	06/25/2009 09:50

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	14.4	1.00	0.075	ug/L
108-88-3	Toluene	11.3	1.00	0.082	ug/L
100-41-4	Ethylbenzene	65.4	1.00	0.052	ug/L
1330-20-7	Xylene (total)	302	3.00	0.334	ug/L
91-20-3	Naphthalene	29.0	5.00	0.101	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	44.2	1.00	0.097	ug/L
107-06-2	1,2-Dichloroethane	4.39	1.00	0.064	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251210	**MW-30**	Water	06/22/2009 11:55	06/25/2009 09:50

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	3.06	1.00	0.075	ug/L
100-41-4	Ethylbenzene	1.25	1.00	0.052	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	31.4	1.00	0.097	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251219	**DW-5**	Water	06/22/2009 15:00	06/25/2009 09:50

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	1.93	1.00	0.075	ug/L
108-88-3	Toluene	1.22	1.00	0.082	ug/L
100-41-4	Ethylbenzene	2.36	1.00	0.052	ug/L
1330-20-7	Xylene (total)	1.24J	3.00	0.334	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	2.42	1.00	0.097	ug/L

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251221	DW-7	Water	06/23/2009 08:00	06/25/2009 09:50

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
1634-04-4	tert-Butyl methyl ether (MTBE)	1.60	1.00	0.097	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251222	DW-9	Water	06/22/2009 18:10	06/25/2009 09:50

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
1634-04-4	tert-Butyl methyl ether (MTBE)	1.20	1.00	0.097	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251201	**MW-21**	Water	06/22/2009 16:55	06/25/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/27/2009 04:32	CLH	414136

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<1.00	1.00	0.075	ug/L
108-88-3	Toluene	<1.00	1.00	0.082	ug/L
100-41-4	Ethylbenzene	<1.00	1.00	0.052	ug/L
1330-20-7	Xylene (total)	<3.00	3.00	0.334	ug/L
91-20-3	Naphthalene	<5.00	5.00	0.101	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<1.00	1.00	0.097	ug/L
107-06-2	1,2-Dichloroethane	<1.00	1.00	0.064	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.7	ug/L	97	78 - 130
1868-53-7	Dibromofluoromethane	50	53.9	ug/L	108	77 - 127
2037-26-5	Toluene d8	50	54.4	ug/L	109	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	48.7	ug/L	97	71 - 127

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
06/26/2009 12:30	414044	SW-846 8011	1	06/29/2009 11:37	TLS	414251

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251202	**MW-22**	Water	06/22/2009 15:10	06/25/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/27/2009 04:57	CLH	414136

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<1.00	1.00	0.075	ug/L
108-88-3	Toluene	<1.00	1.00	0.082	ug/L
100-41-4	Ethylbenzene	<1.00	1.00	0.052	ug/L
1330-20-7	Xylene (total)	<3.00	3.00	0.334	ug/L
91-20-3	Naphthalene	<5.00	5.00	0.101	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<1.00	1.00	0.097	ug/L
107-06-2	1,2-Dichloroethane	<1.00	1.00	0.064	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	50.3	ug/L	101	78 - 130
1868-53-7	Dibromofluoromethane	50	53.1	ug/L	106	77 - 127
2037-26-5	Toluene d8	50	55.1	ug/L	110	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	48.8	ug/L	98	71 - 127

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
06/26/2009 12:30	414044	SW-846 8011	1	06/29/2009 12:02	TLS	414251

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251203	**MW-23**	Water	06/22/2009 14:00	06/25/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/27/2009 05:21	CLH	414136

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<1.00	1.00	0.075	ug/L
108-88-3	Toluene	<1.00	1.00	0.082	ug/L
100-41-4	Ethylbenzene	<1.00	1.00	0.052	ug/L
1330-20-7	Xylene (total)	<3.00	3.00	0.334	ug/L
91-20-3	Naphthalene	<5.00	5.00	0.101	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<1.00	1.00	0.097	ug/L
107-06-2	1,2-Dichloroethane	<1.00	1.00	0.064	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	52.1	ug/L	104	78 - 130
1868-53-7	Dibromofluoromethane	50	54.6	ug/L	109	77 - 127
2037-26-5	Toluene d8	50	52.4	ug/L	105	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	53.3	ug/L	107	71 - 127

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
06/26/2009 12:30	414044	SW-846 8011	1	06/29/2009 12:32	TLS	414251

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251204	**MW-24**	Water	06/22/2009 14:10	06/25/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20	06/26/2009 21:50	CLH	414136

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	**Benzene**	**233**	**20.0**	**1.49**	**ug/L**
108-88-3	**Toluene**	**195**	**20.0**	**1.64**	**ug/L**
100-41-4	**Ethylbenzene**	**1040**	**20.0**	**1.04**	**ug/L**
1330-20-7	**Xylene (total)**	**2990**	**60.0**	**6.68**	**ug/L**
91-20-3	**Naphthalene**	**312**	**100**	**2.02**	**ug/L**
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**19.5J**	**20.0**	**1.94**	**ug/L**
107-06-2	1,2-Dichloroethane	<20.0	20.0	1.28	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	1000	1030	ug/L	103	78 - 130
1868-53-7	Dibromofluoromethane	1000	1070	ug/L	107	77 - 127
2037-26-5	Toluene d8	1000	1020	ug/L	102	76 - 134
17060-07-0	1,2-Dichloroethane-d4	1000	1050	ug/L	105	71 - 127

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
06/26/2009 12:30	414044	SW-846 8011	1	06/29/2009 12:58	TLS	414251

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251205	**MW-25**	Water	06/22/2009 14:40	06/25/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			10	06/27/2009 14:35	CLH	414140

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	**Benzene**	**299**	**10.0**	**0.747**	**ug/L**
108-88-3	**Toluene**	**65.8**	**10.0**	**0.820**	**ug/L**
100-41-4	**Ethylbenzene**	**635**	**10.0**	**0.522**	**ug/L**
1330-20-7	**Xylene (total)**	**1260**	**30.0**	**3.34**	**ug/L**
91-20-3	**Naphthalene**	**226**	**50.0**	**1.01**	**ug/L**
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**103**	**10.0**	**0.972**	**ug/L**
107-06-2	1,2-Dichloroethane	<10.0	10.0	0.640	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	500	540	ug/L	108	78 - 130
1868-53-7	Dibromofluoromethane	500	534	ug/L	107	77 - 127
2037-26-5	Toluene d8	500	518	ug/L	104	76 - 134
17060-07-0	1,2-Dichloroethane-d4	500	531	ug/L	106	71 - 127

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
06/26/2009 12:30	414044	SW-846 8011	1	06/29/2009 13:28	TLS	414251

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251206	**MW-26**	Water	06/22/2009 16:35	06/25/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			10	06/27/2009 15:00	CLH	414140

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	**Benzene**	**399**	**10.0**	**0.747**	**ug/L**
108-88-3	**Toluene**	**119**	**10.0**	**0.820**	**ug/L**
100-41-4	**Ethylbenzene**	**335**	**10.0**	**0.522**	**ug/L**
1330-20-7	**Xylene (total)**	**1160**	**30.0**	**3.34**	**ug/L**
91-20-3	**Naphthalene**	**165**	**50.0**	**1.01**	**ug/L**
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**156**	**10.0**	**0.972**	**ug/L**
107-06-2	1,2-Dichloroethane	<10.0	10.0	0.640	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	500	509	ug/L	102	78 - 130
1868-53-7	Dibromofluoromethane	500	521	ug/L	104	77 - 127
2037-26-5	Toluene d8	500	512	ug/L	102	76 - 134
17060-07-0	1,2-Dichloroethane-d4	500	496	ug/L	99	71 - 127

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
06/26/2009 12:30	414044	SW-846 8011	1	06/29/2009 13:55	TLS	414251

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251207	**MW-27**	Water	06/22/2009 15:55	06/25/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			10	06/27/2009 15:25	CLH	414140

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	**Benzene**	**500**	**10.0**	**0.747**	**ug/L**
108-88-3	**Toluene**	**13.1**	**10.0**	**0.820**	**ug/L**
100-41-4	**Ethylbenzene**	**261**	**10.0**	**0.522**	**ug/L**
1330-20-7	**Xylene (total)**	**96.8**	**30.0**	**3.34**	**ug/L**
91-20-3	**Naphthalene**	**60.9**	**50.0**	**1.01**	**ug/L**
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**1060**	**10.0**	**0.972**	**ug/L**
107-06-2	1,2-Dichloroethane	<10.0	10.0	0.640	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	500	465	ug/L	93	78 - 130
1868-53-7	Dibromofluoromethane	500	544	ug/L	109	77 - 127
2037-26-5	Toluene d8	500	513	ug/L	103	76 - 134
17060-07-0	1,2-Dichloroethane-d4	500	519	ug/L	104	71 - 127

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
06/26/2009 12:30	414044	SW-846 8011	1	06/29/2009 14:23	TLS	414251

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251208	**MW-28**	Water	06/22/2009 15:45	06/25/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/27/2009 15:51	CLH	414140

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<1.00	1.00	0.075	ug/L
108-88-3	Toluene	<1.00	1.00	0.082	ug/L
100-41-4	Ethylbenzene	<1.00	1.00	0.052	ug/L
1330-20-7	Xylene (total)	<3.00	3.00	0.334	ug/L
91-20-3	**Naphthalene**	**3.98J**	**5.00**	**0.101**	**ug/L**
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**0.749J**	**1.00**	**0.097**	**ug/L**
107-06-2	1,2-Dichloroethane	<1.00	1.00	0.064	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	50.6	ug/L	101	78 - 130
1868-53-7	Dibromofluoromethane	50	54.2	ug/L	108	77 - 127
2037-26-5	Toluene d8	50	52.6	ug/L	105	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	53.7	ug/L	107	71 - 127

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
06/26/2009 12:30	414044	SW-846 8011	1	06/29/2009 15:20	TLS	414251

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251209	**MW-29**	Water	06/22/2009 12:35	06/25/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/27/2009 16:16	CLH	414140

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	**Benzene**	**14.4**	**1.00**	**0.075**	**ug/L**
108-88-3	**Toluene**	**11.3**	**1.00**	**0.082**	**ug/L**
100-41-4	**Ethylbenzene**	**65.4**	**1.00**	**0.052**	**ug/L**
1330-20-7	**Xylene (total)**	**302**	**3.00**	**0.334**	**ug/L**
91-20-3	**Naphthalene**	**29.0**	**5.00**	**0.101**	**ug/L**
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**44.2**	**1.00**	**0.097**	**ug/L**
107-06-2	**1,2-Dichloroethane**	**4.39**	**1.00**	**0.064**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	55.7	ug/L	111	78 - 130
1868-53-7	Dibromofluoromethane	50	42.7	ug/L	85	77 - 127
2037-26-5	Toluene d8	50	53.6	ug/L	107	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	56.1	ug/L	112	71 - 127

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
06/26/2009 12:30	414044	SW-846 8011	1	06/29/2009 15:48	TLS	414251

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251210	**MW-30**	Water	06/22/2009 11:55	06/25/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/27/2009 16:41	CLH	414140

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	**Benzene**	**3.06**	**1.00**	**0.075**	**ug/L**
108-88-3	Toluene	<1.00	1.00	0.082	ug/L
100-41-4	**Ethylbenzene**	**1.25**	**1.00**	**0.052**	**ug/L**
1330-20-7	Xylene (total)	<3.00	3.00	0.334	ug/L
91-20-3	Naphthalene	<5.00	5.00	0.101	ug/L
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**31.4**	**1.00**	**0.097**	**ug/L**
107-06-2	1,2-Dichloroethane	<1.00	1.00	0.064	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	50.8	ug/L	102	78 - 130
1868-53-7	Dibromofluoromethane	50	52.3	ug/L	105	77 - 127
2037-26-5	Toluene d8	50	50.5	ug/L	101	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	49.5	ug/L	99	71 - 127

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
06/26/2009 12:30	414044	SW-846 8011	1	06/29/2009 16:12	TLS	414251

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251211	**MW-31**	Water	06/22/2009 20:35	06/25/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/27/2009 17:06	CLH	414140

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<1.00	1.00	0.075	ug/L
108-88-3	Toluene	<1.00	1.00	0.082	ug/L
100-41-4	Ethylbenzene	<1.00	1.00	0.052	ug/L
1330-20-7	Xylene (total)	<3.00	3.00	0.334	ug/L
91-20-3	Naphthalene	<5.00	5.00	0.101	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<1.00	1.00	0.097	ug/L
107-06-2	1,2-Dichloroethane	<1.00	1.00	0.064	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	51.1	ug/L	102	78 - 130
1868-53-7	Dibromofluoromethane	50	52.6	ug/L	105	77 - 127
2037-26-5	Toluene d8	50	53	ug/L	106	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	51.3	ug/L	103	71 - 127

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
06/26/2009 12:30	414044	SW-846 8011	1	06/29/2009 16:36	TLS	414251

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251212	**MW-32**	Water	06/22/2009 20:20	06/25/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/27/2009 17:30	CLH	414140

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<1.00	1.00	0.075	ug/L
108-88-3	Toluene	<1.00	1.00	0.082	ug/L
100-41-4	Ethylbenzene	<1.00	1.00	0.052	ug/L
1330-20-7	Xylene (total)	<3.00	3.00	0.334	ug/L
91-20-3	Naphthalene	<5.00	5.00	0.101	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<1.00	1.00	0.097	ug/L
107-06-2	1,2-Dichloroethane	<1.00	1.00	0.064	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	46	ug/L	92	78 - 130
1868-53-7	Dibromofluoromethane	50	53.9	ug/L	108	77 - 127
2037-26-5	Toluene d8	50	51.7	ug/L	103	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	50.2	ug/L	100	71 - 127

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
06/26/2009 12:30	414044	SW-846 8011	1	06/29/2009 17:01	TLS	414251

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251213	**MW-33**	Water	06/22/2009 20:10	06/25/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/27/2009 17:55	CLH	414140

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<1.00	1.00	0.075	ug/L
108-88-3	Toluene	<1.00	1.00	0.082	ug/L
100-41-4	Ethylbenzene	<1.00	1.00	0.052	ug/L
1330-20-7	Xylene (total)	<3.00	3.00	0.334	ug/L
91-20-3	Naphthalene	<5.00	5.00	0.101	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<1.00	1.00	0.097	ug/L
107-06-2	1,2-Dichloroethane	<1.00	1.00	0.064	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	50.8	ug/L	102	78 - 130
1868-53-7	Dibromofluoromethane	50	54.5	ug/L	109	77 - 127
2037-26-5	Toluene d8	50	53.9	ug/L	108	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	48.6	ug/L	97	71 - 127

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
06/26/2009 12:30	414044	SW-846 8011	1	06/29/2009 17:25	TLS	414251

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251214	**MW-34**	Water	06/22/2009 19:10	06/25/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/27/2009 18:20	CLH	414140

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<1.00	1.00	0.075	ug/L
108-88-3	Toluene	<1.00	1.00	0.082	ug/L
100-41-4	Ethylbenzene	<1.00	1.00	0.052	ug/L
1330-20-7	Xylene (total)	<3.00	3.00	0.334	ug/L
91-20-3	Naphthalene	<5.00	5.00	0.101	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<1.00	1.00	0.097	ug/L
107-06-2	1,2-Dichloroethane	<1.00	1.00	0.064	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	46.4	ug/L	93	78 - 130
1868-53-7	Dibromofluoromethane	50	52.7	ug/L	105	77 - 127
2037-26-5	Toluene d8	50	50.7	ug/L	101	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	50.9	ug/L	102	71 - 127

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
06/26/2009 12:30	414044	SW-846 8011	1	06/29/2009 17:48	TLS	414251

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251215	**MW-35**	Water	06/22/2009 19:25	06/25/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/27/2009 18:44	CLH	414140

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<1.00	1.00	0.075	ug/L
108-88-3	Toluene	<1.00	1.00	0.082	ug/L
100-41-4	Ethylbenzene	<1.00	1.00	0.052	ug/L
1330-20-7	Xylene (total)	<3.00	3.00	0.334	ug/L
91-20-3	Naphthalene	<5.00	5.00	0.101	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<1.00	1.00	0.097	ug/L
107-06-2	1,2-Dichloroethane	<1.00	1.00	0.064	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	45.9	ug/L	92	78 - 130
1868-53-7	Dibromofluoromethane	50	53.8	ug/L	108	77 - 127
2037-26-5	Toluene d8	50	51.1	ug/L	102	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	51.3	ug/L	103	71 - 127

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
06/26/2009 12:30	414044	SW-846 8011	1	06/29/2009 18:14	TLS	414251

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251216	**MW-36**	Water	06/22/2009 19:40	06/25/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/27/2009 19:13	CLH	414140

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<1.00	1.00	0.075	ug/L
108-88-3	Toluene	<1.00	1.00	0.082	ug/L
100-41-4	Ethylbenzene	<1.00	1.00	0.052	ug/L
1330-20-7	Xylene (total)	<3.00	3.00	0.334	ug/L
91-20-3	Naphthalene	<5.00	5.00	0.101	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<1.00	1.00	0.097	ug/L
107-06-2	1,2-Dichloroethane	<1.00	1.00	0.064	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	47.4	ug/L	95	78 - 130
1868-53-7	Dibromofluoromethane	50	53.6	ug/L	107	77 - 127
2037-26-5	Toluene d8	50	50.3	ug/L	101	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	51.6	ug/L	103	71 - 127

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
06/26/2009 12:30	414044	SW-846 8011	1	06/29/2009 18:38	TLS	414251

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251217	**MW-37**	Water	06/22/2009 17:55	06/25/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/27/2009 19:37	CLH	414140

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<1.00	1.00	0.075	ug/L
108-88-3	Toluene	<1.00	1.00	0.082	ug/L
100-41-4	Ethylbenzene	<1.00	1.00	0.052	ug/L
1330-20-7	Xylene (total)	<3.00	3.00	0.334	ug/L
91-20-3	Naphthalene	<5.00	5.00	0.101	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<1.00	1.00	0.097	ug/L
107-06-2	1,2-Dichloroethane	<1.00	1.00	0.064	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	44.4	ug/L	89	78 - 130
1868-53-7	Dibromofluoromethane	50	53.9	ug/L	108	77 - 127
2037-26-5	Toluene d8	50	50.1	ug/L	100	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	52.7	ug/L	105	71 - 127

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
06/26/2009 12:30	414044	SW-846 8011	1	06/29/2009 19:01	TLS	414251

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251218	**MW-38**	Water	06/22/2009 18:25	06/25/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/27/2009 20:02	CLH	414140

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<1.00	1.00	0.075	ug/L
108-88-3	Toluene	<1.00	1.00	0.082	ug/L
100-41-4	Ethylbenzene	<1.00	1.00	0.052	ug/L
1330-20-7	Xylene (total)	<3.00	3.00	0.334	ug/L
91-20-3	Naphthalene	<5.00	5.00	0.101	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<1.00	1.00	0.097	ug/L
107-06-2	1,2-Dichloroethane	<1.00	1.00	0.064	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	52.2	ug/L	104	78 - 130
1868-53-7	Dibromofluoromethane	50	53.1	ug/L	106	77 - 127
2037-26-5	Toluene d8	50	53.9	ug/L	108	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	50.6	ug/L	101	71 - 127

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
06/26/2009 12:30	414044	SW-846 8011	1	06/29/2009 19:49	TLS	414251

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251219	DW-5	Water	06/22/2009 15:00	06/25/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/28/2009 16:28	CLH	414150

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	**Benzene**	**1.93**	**1.00**	**0.075**	**ug/L**
108-88-3	**Toluene**	**1.22**	**1.00**	**0.082**	**ug/L**
100-41-4	**Ethylbenzene**	**2.36**	**1.00**	**0.052**	**ug/L**
1330-20-7	**Xylene (total)**	**1.24J**	**3.00**	**0.334**	**ug/L**
91-20-3	Naphthalene	<5.00	5.00	0.101	ug/L
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**2.42**	**1.00**	**0.097**	**ug/L**
107-06-2	1,2-Dichloroethane	<1.00	1.00	0.064	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	46.4	ug/L	93	78 - 130
1868-53-7	Dibromofluoromethane	50	14	ug/L	**28***	77 - 127
2037-26-5	Toluene d8	50	52.7	ug/L	105	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	47.3	ug/L	95	71 - 127

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
06/26/2009 12:30	414044	SW-846 8011	1	06/29/2009 20:12	TLS	414251

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251220	DW-6	Water	06/23/2009 07:55	06/25/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/27/2009 20:52	CLH	414140

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<1.00	1.00	0.075	ug/L
108-88-3	Toluene	<1.00	1.00	0.082	ug/L
100-41-4	Ethylbenzene	<1.00	1.00	0.052	ug/L
1330-20-7	Xylene (total)	<3.00	3.00	0.334	ug/L
91-20-3	Naphthalene	<5.00	5.00	0.101	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<1.00	1.00	0.097	ug/L
107-06-2	1,2-Dichloroethane	<1.00	1.00	0.064	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	49.1	ug/L	98	78 - 130
1868-53-7	Dibromofluoromethane	50	52.7	ug/L	105	77 - 127
2037-26-5	Toluene d8	50	51.6	ug/L	103	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	48.7	ug/L	97	71 - 127

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
06/26/2009 12:30	414044	SW-846 8011	1	06/29/2009 20:35	TLS	414251

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251221	DW-7	Water	06/23/2009 08:00	06/25/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/27/2009 21:17	CLH	414140

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<1.00	1.00	0.075	ug/L
108-88-3	Toluene	<1.00	1.00	0.082	ug/L
100-41-4	Ethylbenzene	<1.00	1.00	0.052	ug/L
1330-20-7	Xylene (total)	<3.00	3.00	0.334	ug/L
91-20-3	Naphthalene	<5.00	5.00	0.101	ug/L
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**1.60**	**1.00**	**0.097**	**ug/L**
107-06-2	1,2-Dichloroethane	<1.00	1.00	0.064	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.1	ug/L	96	78 - 130
1868-53-7	Dibromofluoromethane	50	55.3	ug/L	111	77 - 127
2037-26-5	Toluene d8	50	50.5	ug/L	101	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	51.5	ug/L	103	71 - 127

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
06/26/2009 14:00	414046	SW-846 8011	1	06/29/2009 22:08	TLS	414251

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251222	DW-9	Water	06/22/2009 18:10	06/25/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/27/2009 21:41	CLH	414140

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<1.00	1.00	0.075	ug/L
108-88-3	Toluene	<1.00	1.00	0.082	ug/L
100-41-4	Ethylbenzene	<1.00	1.00	0.052	ug/L
1330-20-7	Xylene (total)	<3.00	3.00	0.334	ug/L
91-20-3	Naphthalene	<5.00	5.00	0.101	ug/L
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**1.20**	**1.00**	**0.097**	**ug/L**
107-06-2	1,2-Dichloroethane	<1.00	1.00	0.064	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	45.4	ug/L	91	78 - 130
1868-53-7	Dibromofluoromethane	50	53.3	ug/L	107	77 - 127
2037-26-5	Toluene d8	50	51.1	ug/L	102	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	51.7	ug/L	103	71 - 127

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
06/26/2009 14:00	414046	SW-846 8011	1	06/29/2009 22:32	TLS	414251

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251223	**DW-10**	Water	06/23/2009 07:30	06/25/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/27/2009 22:07	CLH	414140

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<1.00	1.00	0.075	ug/L
108-88-3	Toluene	<1.00	1.00	0.082	ug/L
100-41-4	Ethylbenzene	<1.00	1.00	0.052	ug/L
1330-20-7	Xylene (total)	<3.00	3.00	0.334	ug/L
91-20-3	Naphthalene	<5.00	5.00	0.101	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<1.00	1.00	0.097	ug/L
107-06-2	1,2-Dichloroethane	<1.00	1.00	0.064	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.4	ug/L	97	78 - 130
1868-53-7	Dibromofluoromethane	50	53.2	ug/L	106	77 - 127
2037-26-5	Toluene d8	50	50.9	ug/L	102	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	51.4	ug/L	103	71 - 127

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
06/26/2009 14:00	414046	SW-846 8011	1	06/29/2009 22:55	TLS	414251

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GC/MS Volatiles Quality Control Summary

Analytical Batch	414136	Client ID	MB414136			LCS414136			LCSD414136			
Prep Batch	N/A	GCAL ID	736785			736786			736787			
		Sample Type	Method Blank			LCS			LCSD			
		Analytical Date	06/26/2009 21:26			06/26/2009 20:12			06/26/2009 20:36			
		Matrix	Water			Water			Water			
SW-846 8260B		**Units**	ug/L	**Spike Added**	**Result**	**Result**	**% R**	**Control Limits**	**Result**	**% R**	**RPD**	**RPD Limit**
107-06-2	1,2-Dichloroethane	<1.00	1.00	50.0	46.9	94	76 - 123	46.0	92	2	30	
100-41-4	Ethylbenzene	<1.00	1.00	50.0	46.0	92	74 - 126	43.8	88	5	30	
75-69-4	Trichlorofluoromethane	<1.00	1.00	50.0	41.4	83	74 - 133	42.7	85	3	30	
96-12-8	1,2-Dibromo-3-chloropropane	<1.00	1.00	50.0	44.3	89	65 - 128	41.3	83	7	30	
1634-04-4	tert-Butyl methyl ether (MTBE)	<1.00	1.00	50.0	48.9	98	76 - 122	47.8	96	2	30	
1330-20-7	Xylene (total)	<3.00	3.00	150	137	91	76 - 123	129	86	6	30	
76-13-1	Trichlorotrifluoroethane	<1.00	1.00	50.0	38.3	77	77 - 130	40.4	81	5	30	
91-20-3	Naphthalene	<5.00	5.00	50.0	44.7	89	64 - 127	43.3	87	3	35	
71-43-2	Benzene	<1.00	1.00	50.0	45.0	90	78 - 121	44.6	89	0.9	20	
108-88-3	Toluene	<1.00	1.00	50.0	46.1	92	78 - 121	43.3	87	6	20	
Surrogate												
460-00-4	4-Bromofluorobenzene	47.3	95	50	54.9	110	78 - 130	52.3	105			
1868-53-7	Dibromofluoromethane	52.9	106	50	55.2	110	77 - 127	54.6	109			
2037-26-5	Toluene d8	51.2	102	50	51.6	103	76 - 134	48.5	97			
17060-07-0	1,2-Dichloroethane-d4	47.1	94	50	54.2	108	71 - 127	49.1	98			

Analytical Batch	414136	Client ID	MW-24			736251MS			736251MSD			
Prep Batch	N/A	GCAL ID	20906251204			736824			736825			
		Sample Type	SAMPLE			MS			MSD			
		Analytical Date	06/26/2009 21:50			06/26/2009 22:15			06/26/2009 22:40			
		Matrix	Water			Water			Water			
SW-846 8260B		**Units**	ug/L	**Spike Added**	**Result**	**Result**	**% R**	**Control Limits**	**Result**	**% R**	**RPD**	**RPD Limit**
107-06-2	1,2-Dichloroethane	0.00	20.0	1000	911	91	76 - 123	903	90	0.9	30	
100-41-4	Ethylbenzene	1040	20.0	1000	2140	110	74 - 126	2020	98	6	30	
75-69-4	Trichlorofluoromethane	0.00	20.0	1000	883	88	74 - 133	844	84	5	30	
96-12-8	1,2-Dibromo-3-chloropropane	0.00	20.0	1000	893	89	65 - 128	934	93	4	30	
1634-04-4	tert-Butyl methyl ether (MTBE)	19.5	20.0	1000	977	96	76 - 122	1000	98	2	30	
1330-20-7	Xylene (total)	2990	60.0	3000	6250	109	76 - 123	5930	98	5	30	
76-13-1	Trichlorotrifluoroethane	0.00	20.0	1000	804	80	77 - 130	789	79	2	30	
91-20-3	Naphthalene	312	100	1000	1300	99	64 - 127	1270	96	2	30	
71-43-2	Benzene	233	20.0	1000	1270	104	78 - 121	1040	81	20	30	

GC/MS Volatiles Quality Control Summary

Analytical Batch	414136	Client ID	MW-24	736251MS	736251MSD
Prep Batch	N/A	GCAL ID	20906251204	736824	736825
		Sample Type	SAMPLE	MS	MSD
		Analytical Date	06/26/2009 21:50	06/26/2009 22:15	06/26/2009 22:40
		Matrix	Water	Water	Water

SW-846 8260B		Units	ug/L	Spike Added	Result	Result	% R	Control Limits	RDL	% R	Result	% R	RPD	RPD Limit
108-88-3	Toluene	195	20.0	1000	1150	96	78 - 121			1090	90	5	30
Surrogate													
460-00-4	4-Bromofluorobenzene	1030	103	1000	1040	104	78 - 130			1040	104		
1868-53-7	Dibromofluoromethane	1070	107	1000	1070	107	77 - 127			1070	107		
2037-26-5	Toluene d8	1020	102	1000	976	98	76 - 134			967	97		
17060-07-0	1,2-Dichloroethane-d4	1050	105	1000	1060	106	71 - 127			1040	104		

Analytical Batch	414140	Client ID	MB414140	LCS414140	LCSD414140
Prep Batch	N/A	GCAL ID	736835	736836	736837
		Sample Type	Method Blank	LCS	LCSD
		Analytical Date	06/27/2009 12:32	06/27/2009 11:18	06/27/2009 11:42
		Matrix	Water	Water	Water

SW-846 8260B		Units	ug/L	Spike Added	Result	Result	% R	Control Limits	RDL	% R	Result	% R	RPD	RPD Limit
107-06-2	1,2-Dichloroethane	<1.00	1.00	50.0	46.9	94	76 - 123			45.5	91	3	30
100-41-4	Ethylbenzene	<1.00	1.00	50.0	46.8	94	74 - 126			43.9	88	6	30
75-69-4	Trichlorofluoromethane	<1.00	1.00	50.0	44.1	88	74 - 133			41.9	84	5	30
96-12-8	1,2-Dibromo-3-chloropropane	<1.00	1.00	50.0	39.4	79	65 - 128			42.1	84	7	30
1634-04-4	tert-Butyl methyl ether (MTBE)	<1.00	1.00	50.0	46.7	93	76 - 122			48.5	97	4	30
1330-20-7	Xylene (total)	<3.00	3.00	150	134	89	76 - 123			132	88	2	30
76-13-1	Trichlorotrifluoroethane	<1.00	1.00	50.0	40.1	80	77 - 130			37.9	76*	6	30
91-20-3	Naphthalene	<5.00	5.00	50.0	44.3	89	64 - 127			45.6	91	3	35
71-43-2	Benzene	<1.00	1.00	50.0	45.4	91	78 - 121			39.5	79	14	20
108-88-3	Toluene	<1.00	1.00	50.0	45.9	92	78 - 121			43.8	88	5	20
Surrogate													
460-00-4	4-Bromofluorobenzene	50.2	100	50	53.2	106	78 - 130			49.4	99		
1868-53-7	Dibromofluoromethane	54.1	108	50	55.5	111	77 - 127			53.3	107		
2037-26-5	Toluene d8	53.6	107	50	49.4	99	76 - 134			47.9	96		
17060-07-0	1,2-Dichloroethane-d4	52.8	106	50	53.8	108	71 - 127			51	102		

GC/MS Volatiles Quality Control Summary

Analytical Batch	414140	Client ID	MW-1			736318MS				736318MSD			
Prep Batch	N/A	GCAL ID	20906251501			736846				736847			
		Sample Type	SAMPLE			MS				MSD			
		Analytical Date	06/27/2009 12:56			06/27/2009 13:21				06/27/2009 13:46			
		Matrix	Water			Water				Water			
SW-846 8260B		**Units**	ug/L	**Spike Added**	**Result**	**Result**	**% R**	**Control Limits**	**RDL**	**Result**	**% R**	**RPD**	**RPD Limit**
107-06-2	1,2-Dichloroethane	0.00	20.0	1000	851	85	76 - 123		828	83	3	30
100-41-4	Ethylbenzene	107	20.0	1000	936	83	74 - 126		906	80	3	30
1634-04-4	tert-Butyl methyl ether (MTBE)	65.1	20.0	1000	937	87	76 - 122		973	91	4	30
1330-20-7	Xylene (total)	527	60.0	3000	2980	82	76 - 123		2900	79	3	30
91-20-3	Naphthalene	0.00	100	1000	821	82	64 - 127		858	86	4	30
71-43-2	Benzene	1170	20.0	1000	2250	108	78 - 121		1980	81	13	30
108-88-3	Toluene	715	20.0	1000	1640	93	78 - 121		1570	86	4	30
Surrogate												
460-00-4	4-Bromofluorobenzene			1000	1050	105	78 - 130		1110	111		
1868-53-7	Dibromofluoromethane			1000	1090	109	77 - 127		1040	104		
2037-26-5	Toluene d8			1000	981	98	76 - 134		1020	102		
17060-07-0	1,2-Dichloroethane-d4			1000	1030	103	71 - 127		1050	105		

Analytical Batch	414150	Client ID	MB414150			LCS414150				LCSD414150			
Prep Batch	N/A	GCAL ID	736854			736855				736856			
		Sample Type	Method Blank			LCS				LCSD			
		Analytical Date	06/28/2009 12:33			06/28/2009 11:22				06/28/2009 11:45			
		Matrix	Water			Water				Water			
SW-846 8260B		**Units**	ug/L	**Spike Added**	**Result**	**Result**	**% R**	**Control Limits**	**RDL**	**Result**	**% R**	**RPD**	**RPD Limit**
107-06-2	1,2-Dichloroethane	<1.00	1.00	50.0	41.0	82	76 - 123		40.5	81	1	30
100-41-4	Ethylbenzene	<1.00	1.00	50.0	53.1	106	74 - 126		49.1	98	8	30
75-69-4	Trichlorofluoromethane	<1.00	1.00	50.0	56.7	113	74 - 133		52.7	105	7	30
96-12-8	1,2-Dibromo-3-chloropropane	<1.00	1.00	50.0	53.6	107	65 - 128		53.8	108	0.4	30
1634-04-4	tert-Butyl methyl ether (MTBE)	<1.00	1.00	50.0	49.1	98	76 - 122		46.2	92	6	30
1330-20-7	Xylene (total)	<3.00	3.00	150	168	112	76 - 123		152	101	10	30
76-13-1	Trichlorotrifluoroethane	<1.00	1.00	50.0	56.7	113	77 - 130		52.7	105	7	30
91-20-3	Naphthalene	<5.00	5.00	50.0	54.1	108	64 - 127		52.6	105	3	35
71-43-2	Benzene	<1.00	1.00	50.0	53.7	107	78 - 121		49.7	99	8	20
108-88-3	Toluene	<1.00	1.00	50.0	54.6	109	78 - 121		48.8	98	11	20
Surrogate												
460-00-4	4-Bromofluorobenzene	47.4	95	50	49.3	99	78 - 130		47.1	94		

GC/MS Volatiles Quality Control Summary

Analytical Batch	414150	Client ID	MB414150			LCS414150			LCSD414150			
Prep Batch	N/A	GCAL ID	736854			736855			736856			
		Sample Type	Method Blank			LCS			LCSD			
		Analytical Date	06/28/2009 12:33			06/28/2009 11:22			06/28/2009 11:45			
		Matrix	Water			Water			Water			
SW-846 8260B		**Units**	ug/L	**Spike Added**	**Result**	**% R**	**Control Limits %R**	**Result**	**% R**	**RPD**	**RPD Limit**
1868-53-7	Dibromofluoromethane	47.1	94	50	45.6	91	77 - 127	45.5	91		
2037-26-5	Toluene d8	53.3	107	50	52.7	105	76 - 134	52.2	104		
17060-07-0	1,2-Dichloroethane-d4	47	94	50	46.2	92	71 - 127	45.9	92		

Analytical Batch	414150	Client ID	SOIL DRUM			736549MS			736549MSD			
Prep Batch	N/A	GCAL ID	20906260201			736868			736869			
		Sample Type	SAMPLE			MS			MSD			
		Analytical Date	06/28/2009 14:54			06/28/2009 15:18			06/28/2009 15:41			
		Matrix	Solid			Solid			Solid			
SW-846 8260B		**Units**	ug/L	**Spike Added**	**Result**	**% R**	**Control Limits %R**	**Result**	**% R**	**RPD**	**RPD Limit**
107-06-2	1,2-Dichloroethane	0.00	40.0	2000	1810	91	73 - 128	1780	89	2	30
71-43-2	Benzene	0.00	40.0	2000	2240	112	78 - 120	2080	104	7	21
Surrogate											
460-00-4	4-Bromofluorobenzene			2000	1890	95	62 - 127	1930	97		
1868-53-7	Dibromofluoromethane			2000	1860	93	65 - 130	1860	93		
2037-26-5	Toluene d8			2000	2010	101	71 - 132	2070	104		
17060-07-0	1,2-Dichloroethane-d4			2000	1860	93	62 - 125	1820	91		

General Chromatography Quality Control Summary

Analytical Batch	414251	Client ID	MB414044			LCS414044			LCSD414044			
Prep Batch	414044	GCAL ID	736357			736358			736359			
Prep Method	SW-846 8011	Sample Type	Method Blank			LCS			LCSD			
		Prep Date	06/26/2009 12:30			06/26/2009 12:30			06/26/2009 12:30			
		Analytical Date	06/29/2009 10:23			06/29/2009 10:46			06/29/2009 11:10			
		Matrix	Water			Water			Water			
SW-846 8011		**Units**	ug/L	**Spike Added**	**Result**	**Result**	**% R**	**Control Limits**	**Result**	**% R**	**RPD**	**RPD Limit**
106-93-4	1,2-Dibromoethane	<0.010	0.010	1.16	1.01	87	62 - 140	RDL % R	0.988	88	2	40

Analytical Batch	414251	Client ID	MB414046			LCS414046			LCSD414046			
Prep Batch	414046	GCAL ID	736362			736363			736364			
Prep Method	SW-846 8011	Sample Type	Method Blank			LCS			LCSD			
		Prep Date	06/26/2009 14:00			06/26/2009 14:00			06/26/2009 14:00			
		Analytical Date	06/29/2009 21:00			06/29/2009 21:23			06/29/2009 21:45			
		Matrix	Water			Water			Water			
SW-846 8011		**Units**	ug/L	**Spike Added**	**Result**	**Result**	**% R**	**Control Limits**	**Result**	**% R**	**RPD**	**RPD Limit**
106-93-4	1,2-Dibromoethane	<0.010	0.010	1.16	0.894	77	62 - 140	RDL % R	0.788	68	13	40

ACCESS / 45651 / 20906251a / 07-02-09

Access Analytical - Chain of Custody Record

LAB USE ONLY

Project Work Order #_____ PO #_____ Access Quote #_____ LAB USE ONLY Laboratory ID: GCM

Company Name: Terry Environmental

Report To: Kelly Cone

Address: P.O. Box 25

City: Summerville State: SC Zip: 29484

Phone: 843-873-8200 Fax: 843-873-8765

Email: kcone@terryenvironmental.com

Project Name: 2170D/Li'L Cricket 339

Sampled By: Lauran Ortman Gabrielle Munn

Preservative: (*see codes below)

↓ REQUESTED LAB ANALYSIS: ↓

Sample Location/Description	Date Collected:	Time Collected:	Type: (grab or composite)	Matrix: (see codes)	# of cont.	BTEX, NAPH, MTBE, 1,2 DCA	EDB	NOTES / COMMENTS (if sample is a composite please use space below to note start/finish times & dates)
MW-21	6/22/09	16:55	Grab	GW	4	X	X	-1
MW-22	↓	15:10	↓	↓	↓	↓	↓	-2
MW-23		14:00						Slight petro odor -3
MW-24		14:10						Slight petro odor -4
MW-25		14:40						Slight petro odor -5
MW-26		16:35						Slight petro odor -6
MW-27		15:55						Strong petro odor -7
MW-28		15:45						-8
MW-29		12:35						Strong petro odor -9
MW-30	↓	11:55	↓	↓	↓	↓	↓	Slight petro odor -10

ACCESS ANALYTICAL, INC.

Phone: (803) 781-4243
7478 Carlisle Street Fax: 781-4303
Irmo, SC 29063 Toll Free (888) 315-4243
www.axs-inc.com

*Preservative Codes (place corresponding # in block above analysis field): 0=None, 1=HCL, 2=HNO3, 3=H2SO4, 4=NaOH, 5=Na2S2O3, 6=NaHSO4, Other=Specify

*Matrix Codes (place corresponding code in sample matrix column): GW=ground water, WW=waste water, DW=drinking water, S=soil, SL=sludge, A=air, IW=industrial waste, WO=waste oil, OT=other (Specify in comments section)

Turnaround Time:

✓ Standard
___ RUSH*
*Date Required:_____
(For rush work, results emailed/faxed by end of business day on date required)

LAB USE ONLY

Samples Recd. on Ice?
✓ Yes
___ No
Receipt Temp 2.8

Project Location:
✓ SC
___ NC
___ Other_____ (specify)

Relinquished By:	Date:	Time:	Received By:
Gabrielle Munn	6/23/09	1315	M Robertson
M Robertson	6/23/09	1700	FedEx
FEDEX	6.25.09	0950	AMarston

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Access Analytical - Chain of Custody Record

LAB USE ONLY

Project Work Order #_____ PO #_____ Access Quote #_____ LAB USE ONLY Laboratory ID: _____

Company Name: Terry Environmental

Report To: Kelly Cone

Address: P.O. Box 25

City: Summerville State: SC Zip: 29484

Phone: 843-873-8200 Fax: 843-873-8765

Email: kcone@terryenvironmental.com

Project Name: 2170D/Li'L Cricket 339

Sampled By: Lauran Ortman, Gabrielle Munn

Sample Location/Description	Date Collected:	Time Collected:	Type: (grab or composite)	Matrix: (see codes)	# of cont.	Preservative: (*see codes below)	* REQUESTED LAB ANALYSIS: BTEX, MAPH, MTBE, 1,2 DCA	EDB
MW-31	6/22/09	20:35	Grab	GW	4		X	X
MW-32		20:20						
MW-33		20:10						
MW-34		19:10						
MW-35		19:25						
MW-36		19:40						
MW-37		17:55						
MW-38		18:25						
DW-5		15:00						
DW-6	6/23/09	7:55						

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Irmo, SC 29063 Toll Free (888) 315-4243
www.axs-inc.com

*Preservative Codes (*place corresponding # in Block above analysis field*): 0=None, 1=HCL, 2=HNO_3, 3=H_2SO_4, 4=NaOH, 5=$Na_2S_2O_3$, 6=$NaHSO_4$, Other=Specify

*Matrix Codes (*place corresponding code in sample matrix column*): GW=ground water, WW=waste water, DW=drinking water, S=soil, SL=sludge, A=air, IW=industrial waste, WO=waste oil, OT=other (*Specify in comments section*)

NOTES / COMMENTS
(*If sample is a composite please use space below to note start/finish times & dates*)

-11
-12
-13
-14
-15
-16
-17
-18
-19
-20

Turnaround Time:

✓ Standard
___ RUSH*
*Date Required:_____
(For rush work, results emailed/faxed by end of business day on date required)

LAB USE ONLY
Samples Recd. on Ice?
✓ Yes
___ No
Receipt Temp 2.8

Project Location:
✓ SC
___ NC
___ Other_____(specify)

Relinquished By:	Date:	Time:	Received By:
Gabrielle Munn	6/23/09	1315	M. Rebelatos
M. Rebelatos	6/23/09	1700	FedEx
FEDEX	6-25-09	0950	Amarston

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ACCESS / 45051 / 20906 2512 / 07-02-09

Access Analytical - Chain of Custody Record

LAB USE ONLY

Project Work Order #: _____ PO #: _____ Access Quote #: _____ LAB USE ONLY Laboratory ID: _____

Company Name: Terry Environmental

Report To: Kelly Cone

Address: P.O. Box 25

City: Summerville State: SC Zip: 29484

Phone: 843-873-8200 Fax: 843-873-8765

Email: kcone@terryenvironmental.com

Project Name: 2170D/Li'L Cricket 339

Sampled By: Lauran Ortman, Gabrielle Munn

Sample Location/Description	Date Collected:	Time Collected:	Type: (grab or composite)	Matrix: (see codes)	# of cont.	Preservative: (*see codes below)	* REQUESTED LAB ANALYSIS: * BTEX, MAPH, MTBE, 1,2 DCA	EDB
DW-7	6/23/09	8:00	Grab	GW	4		X	X
DW-9	6/22/09	18:10	↓	↓	↓		↓	↓
DW-10	6/23/09	7:30	↓	↓	↓		↓	↓

NOTES / COMMENTS -21
(If sample is a composite please use space below to note start/finish times & dates)

-22

-23

ACCESS ANALYTICAL, INC.
7478 Carlisle Street
Irmo, SC 29063
Phone: (803) 781-4243
Fax: 781-4303
Toll Free (888) 315-4243
www.axs-inc.com

*Preservative Codes (place corresponding # in block above analysis field): 0=None, 1=HCL, 2=HNO3, 3=H2SO4, 4=NaOH, 5=Na2S2O3, 6=NaHSO4, Other=Specify

*Matrix Codes (place corresponding code in sample matrix column): GW=ground water, WW=waste water, DW=drinking water, S=soil, SL=sludge, A=air, IW=industrial waste, WO=waste oil, OT=other (Specify in comments section)

Turnaround Time:

✓ Standard
___ RUSH*
*Date Required: _____
(For rush work, results emailed/faxed by end of business day on date required)

LAB USE ONLY
Samples Recd. on Ice?
✓ Yes
___ No
Receipt Temp 28°

Project Location:
✓ SC
___ NC
___ Other _____ (specify)

Relinquished By:	Date:	Time:	Received By:
Gabrielle Munn	6/23/09	1315	M. Rebeiro
M. Rebeiro	6/23/09	1700	FedEx
FEDEX	6-25-09	0950	LAmarston

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APPENDIX 8

Disposal Manifests

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of 1

3. Emergency Response Phone: 800-922-9175

4. Waste Tracking Number: 29199

5. Generator's Name and Mailing Address
Lil Cricket Food Stores
c/o Terry Env., PO Box 25
Summerville, SC 29484
Generator's Phone: 843 873-8200

Generator's Site Address (if different than mailing address)
Former Lil Cricket #339
800 North West First St.
Seneca, SC 29678

6. Transporter 1 Company Name
A&D Environmental Services (SC), LLC
U.S. EPA ID Number: SCD 987598331

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
VLS - Mauldin
305 South Main St.
Mauldin, SC 29662
Facility's Phone: 864-962-9953
U.S. EPA ID Number: SCR000762468

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. Non-Hazardous/Non-Regulated Material Soil cuttings Profile # 8439	051	DM	306 CO	P
2. Non-Hazardous/Non-Regulated Material Well water Profile # 8440	001	DM	200	P
3.				
4.				

GENERATOR

13. Special Handling Instructions and Additional Information
Job # 89842 Contact at Terry Env.: Kelly Cone 843-873-8200
PO#1272 A&D(SC)

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: K K Cone as agent for Lil Cricket
Signature: K Cone
Month: 06 Day: 24 Year: 09

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Corey A Cannon
Signature: Corey A Cannon
Month: 6 Day: 29 Year: 09
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name
Signature
Month: 06 Day: 29 Year: 09

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY'S COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of 1

3. Emergency Response Phone: 800-922-9175

4. Waste Tracking Number: 29208

5. Generator's Name and Mailing Address:
Lil Cricket Food Stores
c/o Terry Env., PO Box 25
Summerville, SC 29484
Generator's Phone: 843 871-8200

Generator's Site Address (if different than mailing address):
Former Lil's Cricket #539
800 North West First St.
Manning, SC 29102

6. Transporter 1 Company Name: MED Environmental Services (SC), LLC
U.S. EPA ID Number: SCD 987598331

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address:
VLS - Ruralia
305 South Main St.
Ruralia, SC 29662
Facility's Phone: 864-982-9953
U.S. EPA ID Number: SCD980742488

	9. Waste Shipping Name and Description	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.
GENERATOR	1. Non-Hazardous/Non-Regulated Material Mill cuttings Profile # 9439	047	DM	2P200	P
	2. Non-Hazardous/Non-Regulated Material Mill water Profile # 9440	001	DM	8300	P
	3.				
	4.				

13. Special Handling Instructions and Additional Information:
Job # 89842 Contact at Terry Env.: Kelly Cone 843-873-8200
PO# 81272 AED(SC)

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: K.K Cone as agent for Lil Cricket
Signature: K K Cone
Month: 06 Day: 24 Year: 09

INTL
15. International Shipments: ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: CORY KENNEDY
Signature:
Month: 6 Day: 29 Year: 09
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Todd Ivey
Signature:
Month: 06 Day: 30 Year: 09

TRS-BLC-O 6 10498 (Rev. 8/08)

DESIGNATED FACILITY'S COPY

APPENDIX 9

Proposal

ASSESSMENT PLAN

SOUTH CAROLINA
Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Site ID # 07303 Facility Name Former Li'l Cricket #339

Site Maps

1. Attach a copy of the relevant portion of the USGS topographic map showing the site location.

2. Prepare a site base map. This map must be accurately scaled, but does not need to be surveyed. The map must include the following:

North	Legend with facility name and address, Site ID number, date, and a bar scale
Location of property lines	Streets or highways (indicate names and numbers)
Location of buildings	Identification of located buildings
Paved areas on or adjacent to site	Locations of all present and former ASTs and USTs
Previous soil sampling locations	Underground and above ground utilities on or adjacent to site
Previous monitoring well locations	Locations of any other potential receptor

Aquifer Characterization (Check one an provide explanation for choice)

Pump Test _____ Slug Tests _____

Slug tests performed during previous assessment.

Small Volume Disposal Type and Method

Soil _____

Purge Water _____

Purge water will be containerized within 55 gallon drums and disposed of properly.

Additional Comments An AFVR Event should be performed on MW-10.

ASSESSMENT PLAN

SOUTH CAROLINA
Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Site ID # 07303 County Oconee Facility Name Former Li'l Cricket #339
Facility Address 800 West North First Street, Seneca, SC
Responsible party Li'l Cricket Food Stores Address PO Box 4551, Spartanburg, SC
No. USTs 6 removed? Yes, Feb. 2000 & 2004 (date) replaced ? No (date)
Current use of facility/property Commercial property – vacant diner
Current property owner name Thomas H. Glenn
Current property owner address unknown

Field Screening Methodology
Specify the field screening methodology to be used. The use of field screening methods to optimize the number and location of permanent wells is required.

Permanent Monitoring wells (Estimate number and total completed depth)
# of shall wells _____ total depth _____
# of deep wells _____ total depth _____ (if necessary)
Comments, if warranted _____

Analyses BTEX, Naphthalene, MTBE
List the analytical parameters (e.g., BTEX MTBE) and estimated number.
Groundwater:
40 – BTEX, Naphthalene, MTBE, 1,2-DCA
40 – EDB
40 – Lead
40 – Oxygenates

Implementation Schedule
Start up date Upon Approval Completion date 90 Days from Approval
Report submittal date 90 Days from Approval

ASSESSMENT COMPONENT INVOICE
SOUTH CAROLINA
Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
State Underground Petroleum Environmental Response Bank Account

Facility Name Former Li'l Cricket #339
UST Permit # 07303 Cost Agreement # Proposal

	ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
1	Plan*				
	A. Plan Preparation		X	$100.00	
	B. Tax Maps		X	$50.00	
2	Receptor Survey*		X	$500.00	
3	Comprehensive Survey		X	$1,000.00	
4	Mob/Demob				
	A. Equipment - 23	1	X	$575.00	$575.00
	B. Personnel - 10, 17, 23	3	each	$290.00	$870.00
	C. Adverse Terrain Vehicle		X	$575.00	
5	Soil Borings (hand auger)*		feet X	$14.00	
6	Soil Borings(drilled) & Field Screening		feet X	$17.00	
7	Soil Leachability Model		each X	$200.00	
8	Abandonment*		feet X	$5.00	
9	Well Installation *				
	A. Water Table (hand auger)		feet X	$20.00	
	B. Water Table (drilled)		feet X	$38.00	
	C. Telescoping		feet X	$58.00	
	D. Rock Drilling		feet X	$58.00	
10	Groundwater Sample collection*				
	A. Groundwater	9	samples X	$55.00	$495.00
	B. Air Vapor		samples X	$90.00	
	C. Water Supply		samples X	$25.00	
	D. Groundwater No Purge	31	samples X	$35.00	$1,085.00
	E. Gauge Well Only		per well X	$20.00	
11	Analyses-Groundwater	(See Analytical Methodology for analyses)			
	A. BTEX + Napth. + MTBE	40	samples X	$100.00	$4,000.00
	BB. 1,2-DCA	40	samples X	$10.75	$430.00
	C. BTEX+naph.+MTBE Trimethylbenzene		samples X	$135.00	
	D. PAH's		samples X	$120.00	
	E. Lead	40	samples X	$20.00	$800.00
	F. EDB	40	samples X	$55.00	$2,200.00
	G. 8 RCRA Metals		samples X	$140.00	
	H. TPH (9070)		samples X	$55.00	
	I. pH		samples X	$10.00	
	J. BOD		samples X	$40.00	
	K. Nitrate		samples X	$20.00	
	L. Sulfate		samples X	$20.00	
	M. Ferrous Iron		samples X	$20.00	
	N. Methane		samples X	$110.00	
	O. Organic Lead		samples X	$100.00	
	P. 8 Oxygenates	40	samples X	$85.00	$3,400.00

Continued on second page

11	Analyses-Soils				
	Q. BTEX + Napth.		samples X	$100.00	
	R. PAH's		samples X	$120.00	
	S. 8 RCRA Metals		samples X	$150.00	
	T. TPH (9071)		samples X	$60.00	
	U. TPH (3550B/8015B)		samples X	$65.00	
	V. TPH (5030B/8015B)		samples X	$65.00	
	W. Grain size / hydrometer		samples X	$75.00	
	X. Total Organic Carbon		samples X	$35.00	
11	Analyses-Air				
	Y. BTEX + Naph.		samples X	$100.00	
	Z. Hydrocarbon Fuel Identification		samples X	$593.00	
12	Aquifer Characterization*				
	A. Pumping Test		hours X	$120.00	
	B. Slug Test		tests X	$150.00	
13	Free Product Recovery Rate Test*		tests X	$120.00	
14	Fate/Transport Modeling				
	A. Mathematical Model		each	$300.00	
	B. Computer Model		each	$500.00	
15	Risk Evaluation				
	A. Tier I Risk Evaluation		X	$300.00	
	B. Tier II Risk Evaluation		X	$500.00	
16	Subsequent Survey*		X	$260.00	
17	Disposal*				
	A. Wastewater				
	1. Purging/Sampling	3	drums X	$90.00	$270.00
	2. Pumping Test/EFR	1,000	gallons X	$0.60	$600.00
	B. Free Product		drums X	$110.00	
	C. Soil (Treatment/Disposal)		tons X	$50.00	
18	Miscellaneous (attach receipts)		X		
20	Tier I Assessment (Use DHEC 3665 form)				
21	IGWA (Use DHEC 3666 form)				
22	Corrective Action (Use DHEC 3687 form)				
23	EFR A. 8-hour Event*	1	each X	$3,000.00	$3,000.00
	B. Additional Hour		per hour X	$204.00	
	C. Off-gas treatment	8	per hour X	$35.00	$280.00
24	Granulated Activated Carbon (GAC)				
	filter system installation & service:				
	A. New GAC System Installation*		each X	$2,500.00	
	B. Refurbished GAC Sys. Install*		each X	$850.00	
	C. Filter replacement/removal*		each X	$450.00	
	D. GAC System removal, cleaning,				
	& refurbishment*		each X	$450.00	
	E. GAC System housing		each X	$450.00	
	F. In-line particulate filter		each X	$140.00	
	G. Additional piping & fittings		feet X	$4.00	
19	Report/Project Management & Coordination	$18,005.00	X	15%	$2,700.75
25	Total				$20,705.75

* The appropriate mobilization cost can be added to complete these tasks, as necessary.

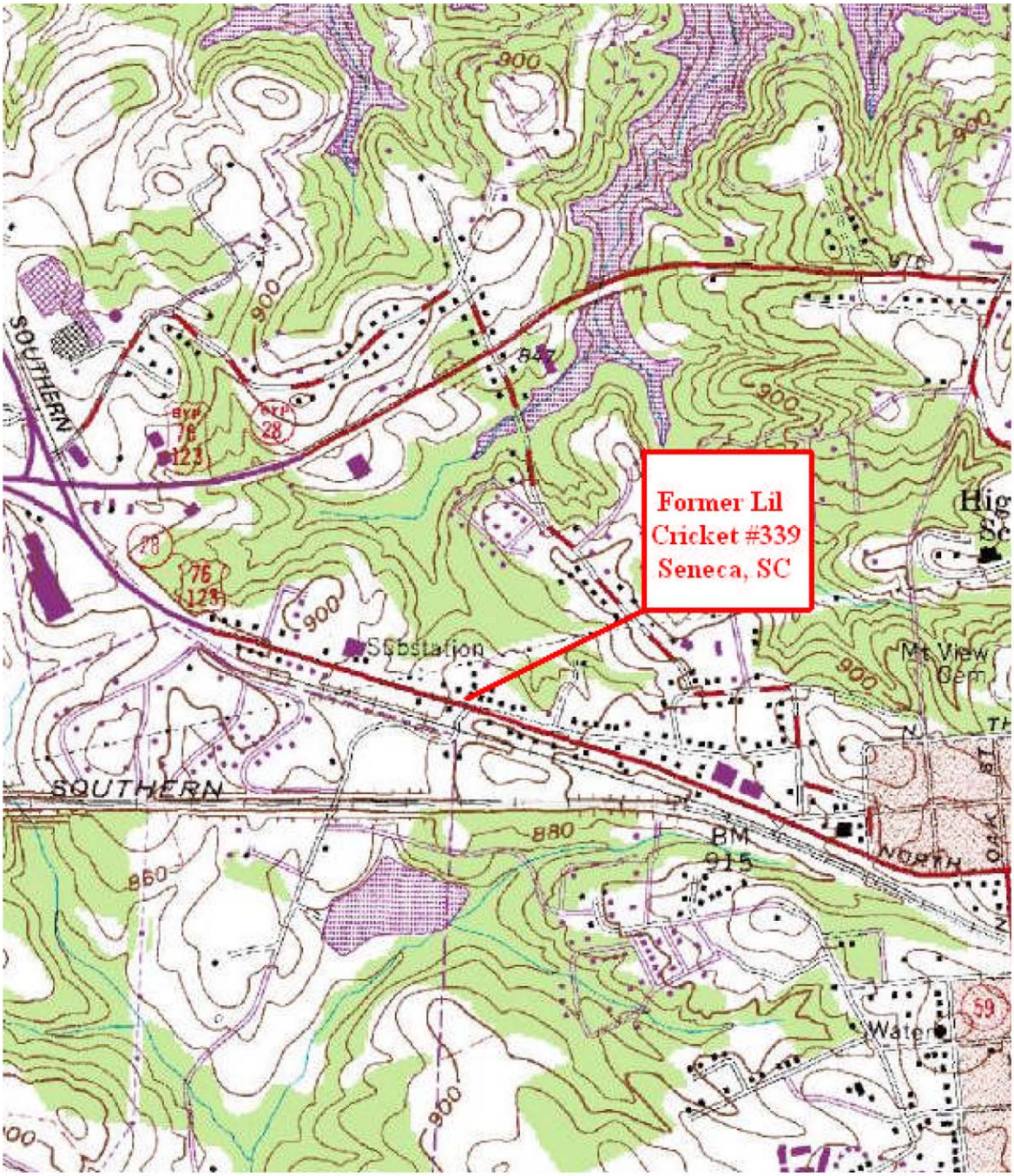

FIGURE 1
SITE LOCATION (USGS)

Former Li'l Cricket #339
800 West North First Street
Seneca, South Carolina

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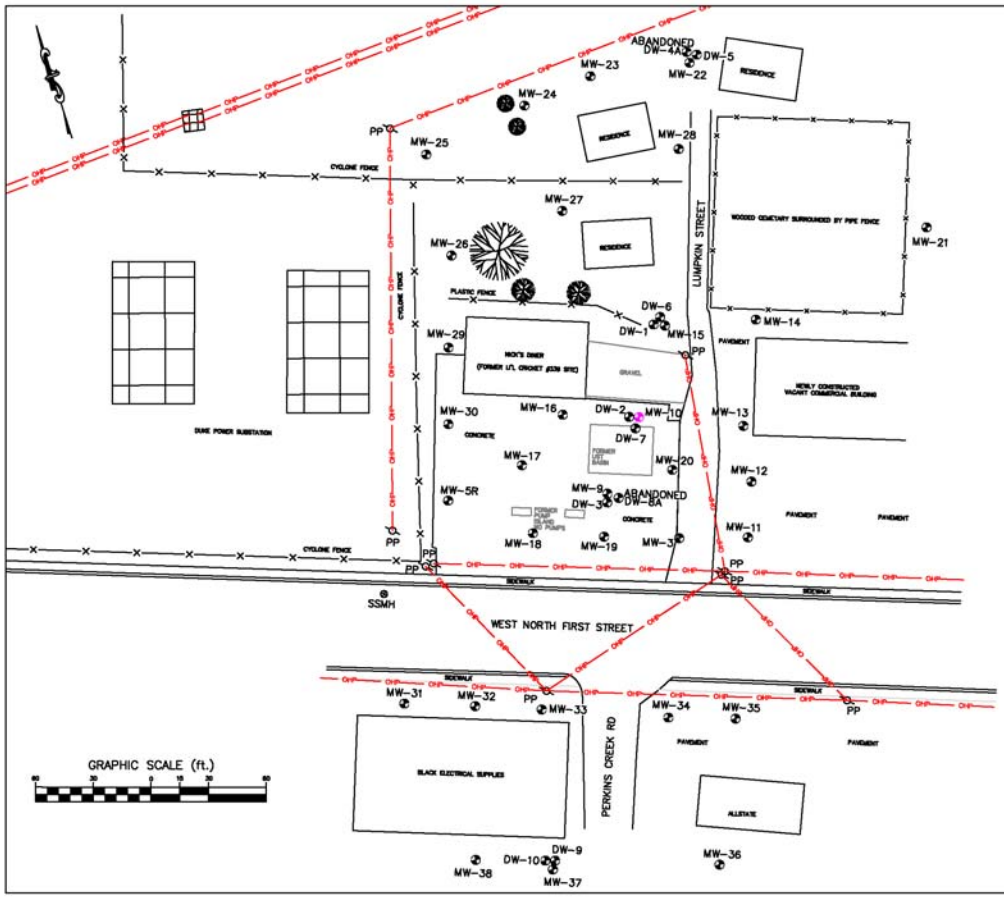
SIZE	TERRY Project No.	DWG NO.	REV
B	2170D	Figure 1 Site Location	

SCALE: NOT TO SCALE

DATE: JULY 2009



LEGEND AND ABBREVIATIONS:

- MW = MONITORING WELL
- SSMH = SANITARY SEWER MAN HOLE
- PP = POWER POLE
- UST = UNDERGROUND STORAGE TANK
- —X— = FENCE
- —OHP— = OVERHEAD POWER LINE
- PROPOSED RECOVERY WELL

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FIGURE 2
PROPOSAL MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170D	07303
SCALE 1" = 50'	DATE JULY 2009

D H E C
PROMOTE PROTECT PROSPER

C. Earl Hunter, Commissioner
Promoting and protecting the health of the public and the environment.

MR TERRY L LENMAN
LIL CRICKET CONVENIENCE STORES INC
PO BOX 4551
SPARTANBURG SC 29305-4551

Re: Assessment Plan Directive
Former Li'l Cricket #339, 800 North West First Street, Seneca, SC
UST Permit # 07303
Release Reported April 27, 1989
Additional Assessment Report and Plan received July 10, 2009
Oconee County

Dear Mr. Lenman:

The Underground Storage Tank (UST) Program of the South Carolina Department of Health and Environmental Control (SCDHEC) recognizes your commitment to continue work at this site utilizing your own contractor, Terry Environmental, Incorporated. The UST Program agrees with your site rehabilitation contractor that an Aggressive Fluid and Vapor Recovery (AFVR) event and additional assessment activities to define petroleum Chemicals of Concern (CoC) northwest of monitoring wells MW-24, 25 and 26 are necessary to define the plume from the referenced facility.

To determine what risk the referenced release may pose to the environment and public health, and in accordance with Section 280.65 of the South Carolina Underground Storage Tank Control Regulations, implementation of the scope of work as outlined in the Tier II Assessment Guidance Document is necessary. The Tier II assessment document and appendices may be obtained from our website at http://www.scdhec.gov/environment/lwm/html/ust_guidance docs.htm. Forms may be obtained from the UST website at http://www.scdhec.gov/eqc/lwm/ forms/assess%7E1.pdf.

Please have your contractor complete and submit revised Assessment Component Cost Agreement and Assessment Plan Forms within thirty days of the date of this letter. Every component may not be necessary to complete the above scope of work. The State Underground Petroleum Environmental Response Bank (SUPERB) Account allowable cost for each component is included on the Assessment Component Cost Agreement Form. **Please note that approval from the Department must be issued before work begins**.

All releases from regulated underground storage tanks that have been reported to this Program have been prioritized using a ranking system that evaluates the risk to human health and the environment. The priority classification system identifies those releases that represent an immediate or short term risk to human health where the Program should be allocating available State Underground Petroleum Environmental Response Bank (SUPERB) monies. Based on the available data, the priority classification of this release is 3B and does not pose an immediate or short-term risk to human health. Therefore, SUPERB funds are not currently available for additional site rehabilitation activities at this time. You will be informed when SUPERB funds become available.

UST DOCKET Dated

Should you wish to proceed with site rehabilitation activities, you can fund the necessary activities and seek payment from the SUPERB Account when, and if, funds become available. The Program will forward a contract, which outlines the conditions upon which reimbursement can occur, to you, should you decide to use this option. A signed contract must be submitted in order to seek potential future reimbursement. Please notify the Program of your intent within **30 days** from the date of this letter. A completed contract will be forwarded if you choose to proceed under this option. If you opt to wait for SUPERB funding, having a cost agreement on file will expedite technical and financial approval once funding does become available.

On all correspondence regarding this site, please reference UST Permit number 07303. Should you have any questions regarding this correspondence, please feel free to contact me at (803) 896-6669, fax me at (803) 896-6245, or e-mail me at shradeaa@dhec.sc.gov.

Sincerely,

Arthur Shrader, Hydrogeologist
Assessment Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

cc: Terry Environmental Services, Inc., PO Box 25, Summerville, SC 29484
Technical file

MONITORING WELL INSTALLATION, AFVR, AND GROUNDWATER SAMPLING REPORT

FORMER LI'L CRICKET #339
800 WEST NORTH FIRST STREET
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
CA #35711

Prepared For:

SCDHEC UNDERGROUND STORAGE TANK PROGRAM
2600 BULL ST.
COLUMBIA, SC 29201

Submitted By:

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. BOX 25
SUMMERVILLE, SOUTH CAROLINA 29484
(843) 873-8200
Fax (843) 873-8765
www.terryenvironmental.com

UST CONTRACTOR #223
TERRY PROJECT #2170D

Kelly K. Cone
Project Manager

Jason A. Terry, P.G.
President

JULY 2009

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1.0 INTRODUCTION

TERRY Environmental Services, Inc. (TERRY) has been contracted by Li'l Cricket Food Stores to serve as the environmental contractor for the Former Li'l Cricket #339 Site, South Carolina Department of Health and Environmental Control (SCDHEC) UST Permit #07303. The site is located at 800 West North First Street, Seneca, South Carolina (Appendix 1, Figure 1). The site is bordered to the north by residential property, to the east by commercial property, to the south by West North First Street, and to the west by a Duke Power substation. Further to the south across West North First Street are commercial properties. A detailed site map originating from a comprehensive survey completed by Jay S. Joshi (SC Registered Land Surveyor #14811) of Construction Support Services, Inc. on October 8, 2008 is provided in Appendix 1 as Figure 2.

The purpose of this assessment is to further horizontally and vertically delineate the chemicals of concern (CoC) associated with the product release at the Former Li'l Cricket #339 Site and to monitor the concentration and migration of the contaminant plume. The report presented herein documents an AFVR Event on monitoring well MW-10, the installation of eighteen (18) shallow and five (5) telescoping monitoring wells, the subsequent survey, and the subsequent groundwater sampling event of the newly installed monitoring wells.

2.0 SITE SPECIFIC ASSESSMENT INFORMATION

2.1 Aggressive Fluid Vapor Recovery Event

On May 7, 2009 TERRY personnel gauged MW-10 prior to the AFVR event and measured 0.24 feet of free-phase product. Prior to initiating the vacuum recovery event on monitoring well MW-10, depth to groundwater was measured at 43.38 feet and depth to product was measured at 43.14 feet from the TOC.

A one inch diameter PVC drop tube was placed in the recovery well to a depth of approximately 6 inches below the measured groundwater table. The stinger pipe was sealed to the monitoring well casing at the surface and connected to the tanker truck. Vacuum readings at the well head of MW-10 averaged 14.6 inches of mercury (in Hg) throughout the 8-hour event. Measurements of the vapor emissions exiting the stack of the vacuum truck were taken at thirty minute intervals throughout the event. These measurements include vacuum, temperature, velocity, humidity, and volatile organic compound concentrations in parts per million. Off-gas treatment was provided during the event as directed by the SCDHEC Project Manager.

Upon completion of the AFVR event, MW-10 was gauged and no free-phase product was detected. The final depth to groundwater reading from the TOC was 46.33 feet in MW-10. A total of 50 gallons of liquid were recovered during the event. In addition, 1.49 pounds of gasoline vapors (approximate equivalent of 0.24 gallons of gasoline) were recovered as emissions during the course of the AFVR event. The effluent vapors were processed on-site through a vapor phase granular activated carbon (GAC) unit before being released into the atmosphere.

Water table drawdown and influence vacuum were measured in MW-13, MW-15, MW-16, and MW-20 over the course of the AFVR event. The maximum observed water table drawdown was measured in MW-20 at 0.02 feet. No measurable vacuum influence was observed during the eight-hour AFVR event. The groundwater drawdown measurements and distance from the recovery well MW-10 were analyzed using a linear regression to determine that the estimated radius of groundwater influence (cone of depression) created during this event was 40 feet. Based on no measurable vacuum readings during the eight-hour AFVR event, the approximate radius of vacuum influence is assumed to be less than 32 feet.

All data associated with the AFVR event including Emission Calculations and the Disposal Manifest are provided in Appendix 3. An AFVR Event Map indicating the recovery well and the wells used to monitor the effectiveness of the AFVR Event is provided in Appendix 1 as Figure 3.

2.2 Well Installation

Eighteen (18) shallow monitoring wells (MW-21 through MW-38) and five (5) deep monitoring wells (DW-5, -6, -7, -9, -10) were installed and developed June 1 through June 17, 2009. The outer casings for DW-4A and DW-8A were installed in bedrock to a total depth of 110 feet below ground surface (bgs) on June 1 and June 2, 2009, respectively. The borings were subsequently drilled out to a total depth of 175 feet bgs in stages over the course of the drilling event. No fractures were encountered in the formation between 110 feet and 175 feet bgs in borings DW-4A and DW-8A. The SCDHEC project manager was consulted throughout the drilling event and it was decided on the final day of drilling to abandon the borings based on the lack of fractures and no water production. Well Construction Logs are provided in Appendix 4.

During well installation, soil samples were collected from each new well at five (5) foot intervals and field screened with a PID. The soil sample from each boring that exhibited the highest concentration above the water table during the field screen was submitted to the laboratory for analysis. If the level of contamination for all depths were equal, the deepest sample collected above the water table was submitted for analysis. The Soil Analytical Data are provided in Appendix 1 on Figure 4, in Appendix 2 on Table 1, and in Appendix 5. A Geologic Transects Map is provided in Appendix 1 as Figure 5, and the associated Geologic Cross Sections (A-A' and B-B') are provided in Appendix 1 as Figures 6A and 6B, respectively. Soil cuttings were initially stored in 55-gallon drums onsite pending analytical results from the sampling event.

2.3 Sampling Event & Piezometric Data

TERRY sampled the site on June 22 and June 23, 2009. The samples were submitted to Access Analytical, Inc. (SCDHEC certified laboratory #73006) for analyses. This does not represent the entire monitoring well network at the site but rather the newly installed wells as directed by the SCDHEC in the letter dated March 31, 2009. Just prior to the sampling event, the newly installed monitoring wells were gauged with an oil/water interface probe to determine depth to groundwater measurements and the presence or absence of free-phase petroleum. Depth to groundwater measurements were taken with reference to the top of well casing (TOC) and converted to elevations by subtracting the depth to groundwater measurements from the TOC elevations. The TOC elevation benchmark was adjusted from 100 feet to 150 feet to allow for the newly installed deep wells with water levels greater than 100 feet below the TOC. Piezometric data are provided in Appendix 2 as Table 2 and on the Well Sampling Logs provided in Appendix 6. Piezometric contours were created using the piezometric data and linear interpolation between known groundwater elevations. The resulting Groundwater Contour Map is included in Appendix 1 as Figure 7. Based on the piezometric data, groundwater flow is northeast. Well development and purge water were initially stored in 55-gallon drums onsite pending analytical results from the sampling event.

2.4 Groundwater Analytical Results

The Groundwater analytical data are provided in Appendix 2 as Table 3 and also in Appendix 7. The analytical data were used to generate a contaminant concentration map for COC's detected by the laboratory and the map is provided in Appendix 1 as Figure 8. The analytical results for shallow monitoring wells MW-24, MW-25, MW-26, MW-27, and MW-29 indicate levels of contamination for one or more CoC's above the SCDHEC Risk Based Screening Levels (RBSL's). The results for shallow monitoring wells MW-28 and MW-30 and deep monitoring wells DW-5, DW-7, and DW-9 indicate that CoC's were detected; however, the levels reported are below RBSL's. The analytical results indicate that the groundwater contamination is migrating in the general direction of groundwater flow toward the adjacent properties located to the north.

Based on field observations, field screening and the laboratory analytical results from the sampling event, sixty-five soil and rock cuttings drums were spread on an adjacent property with the permission of the property owner and three drums of well development and purge water were released on site. The remaining contaminated soil cuttings, well development, and well purge water were disposed of by A&D Environmental Services, LLC on June 29, 2009. The Disposal Manifests are included in Appendix 8.

3.0 CONCLUSIONS AND RECOMMENDATIONS

3.1 Conclusions

The following conclusions can be made based on the available data:

- COC impacted groundwater is present outside the source zone and the migration of the CoC's is in the general direction of groundwater flow toward the adjacent properties located to the north.
- During this assessment, the contaminant plume was not defined horizontally to the north-northwest due to the presence of power lines and the Duke Energy substation.
- An attempt was made during this scope of work to gain access to the adjacent property located to the west and northwest. The property is owned by Duke Power and access was denied based on safety and security issues due to the property containing an electrical substation.
- Further assessment is required west of MW-26 and MW-29 and to the north-northwest of MW-24 and MW-25 to define the horizontal boundary of the contaminant plume. However, based on site conditions, additional well installations will most likely require a right-to-enter agreement with the owner of the wooded area located to the north of the subject site. Drilling in this area would require an all-terrain rig as well as clearing to obtain access to the area. These areas may not be accessible to an air rotary drill rig which will be needed if bedrock is encountered above the groundwater table.

3.2 Recommendations

Based on the aforementioned conclusions, TERRY recommends:

- Conducting an AFVR Event on MW-10 to continue removal of the free-phase and dissolved product.
- A comprehensive groundwater sampling event to monitor both the concentrations and the migration of the contaminant plume and to confirm the effectiveness of the AFVR event.

A cost proposal for the above recommendations is provided in Appendix 9.

APPENDIX 1

Figures

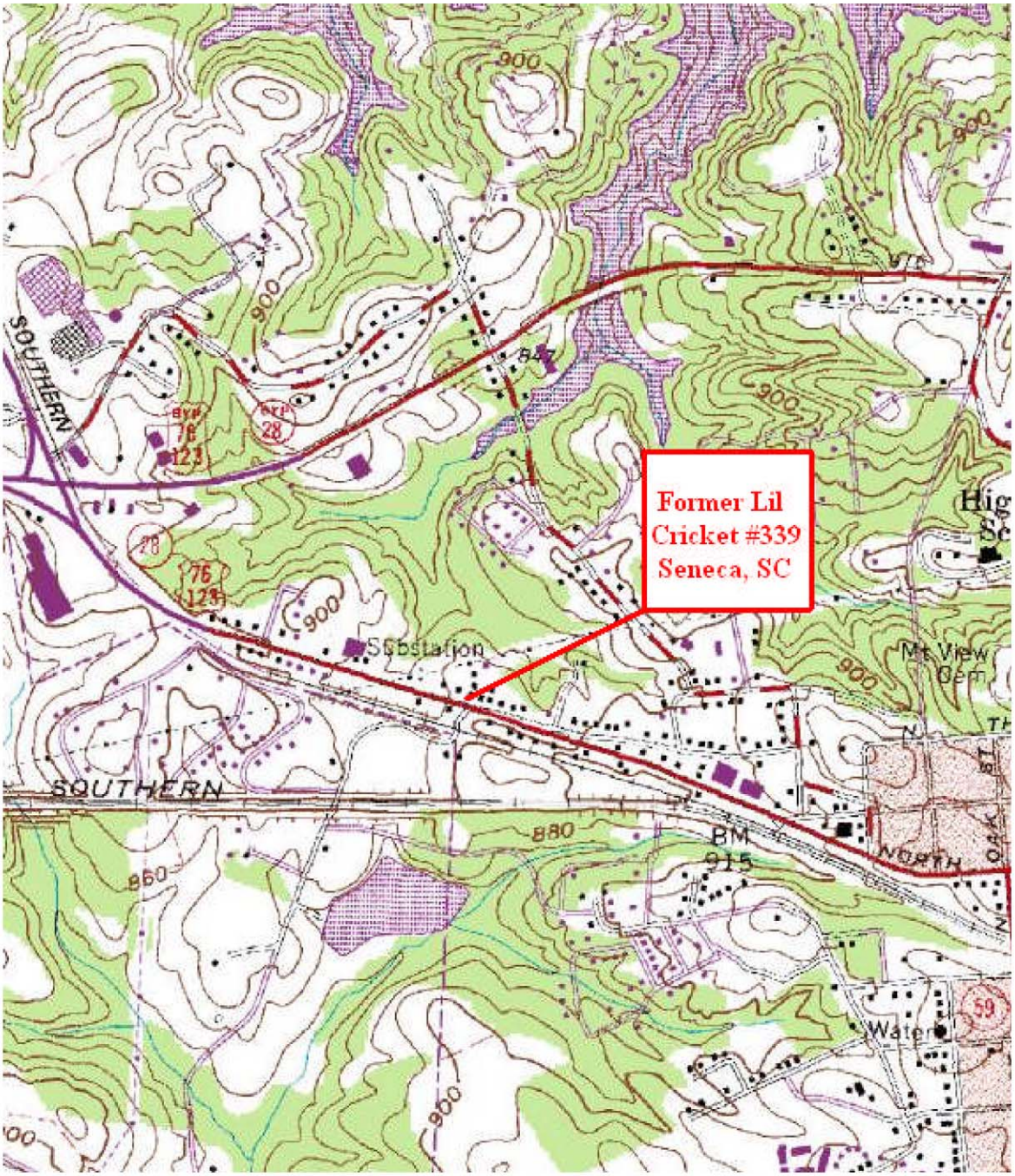

FIGURE 1
SITE LOCATION (USGS)

Former Li'l Cricket #339
800 West North First Street
Seneca, South Carolina

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Summerville, South Carolina 29484
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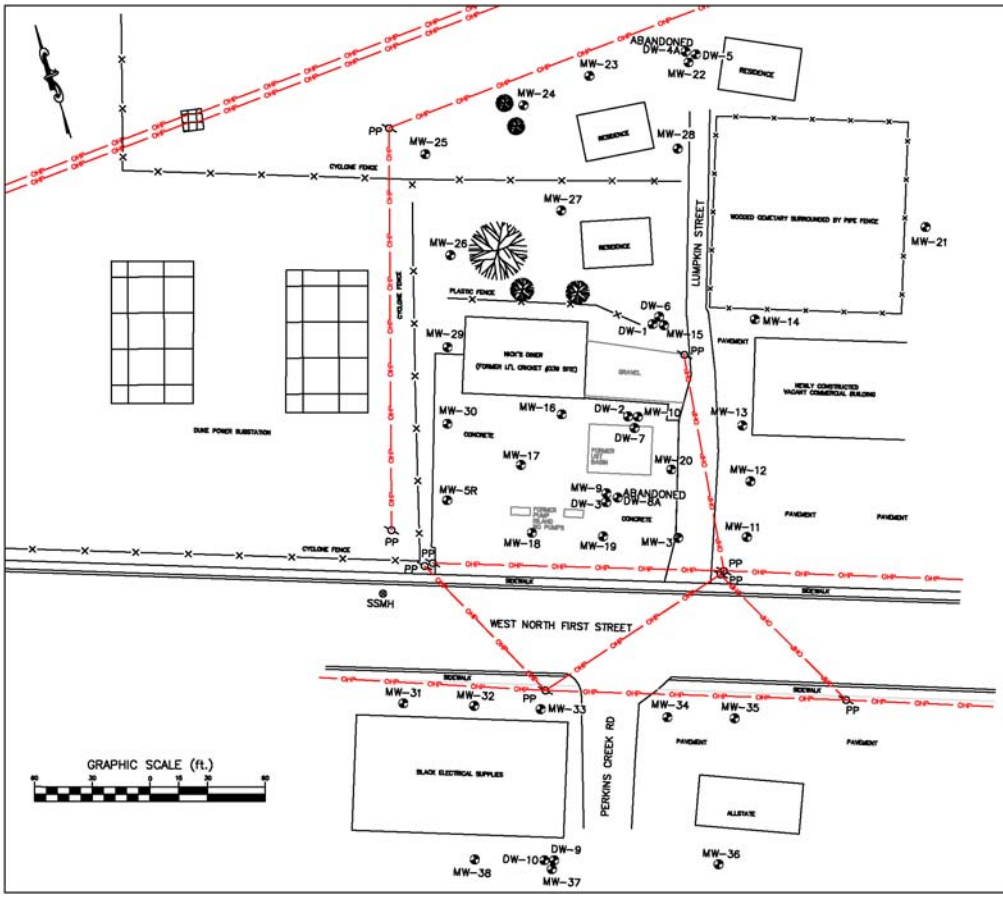
SIZE	TERRY Project No.	DWG NO.	REV
B	2170D	Figure 1 Site Location	

SCALE: NOT TO SCALE

DATE: JULY 2009



LEGEND AND ABBREVIATIONS:

- MW = MONITORING WELL
- SSMH = SANITARY SEWER MAN HOLE
- PP = POWER POLE
- UST = UNDERGROUND STORAGE TANK
- —X— = FENCE
- —OHP— = OVERHEAD POWER LINE

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FIGURE 2
SITE MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170D	07303
SCALE 1" = 50'	DATE JULY 2009

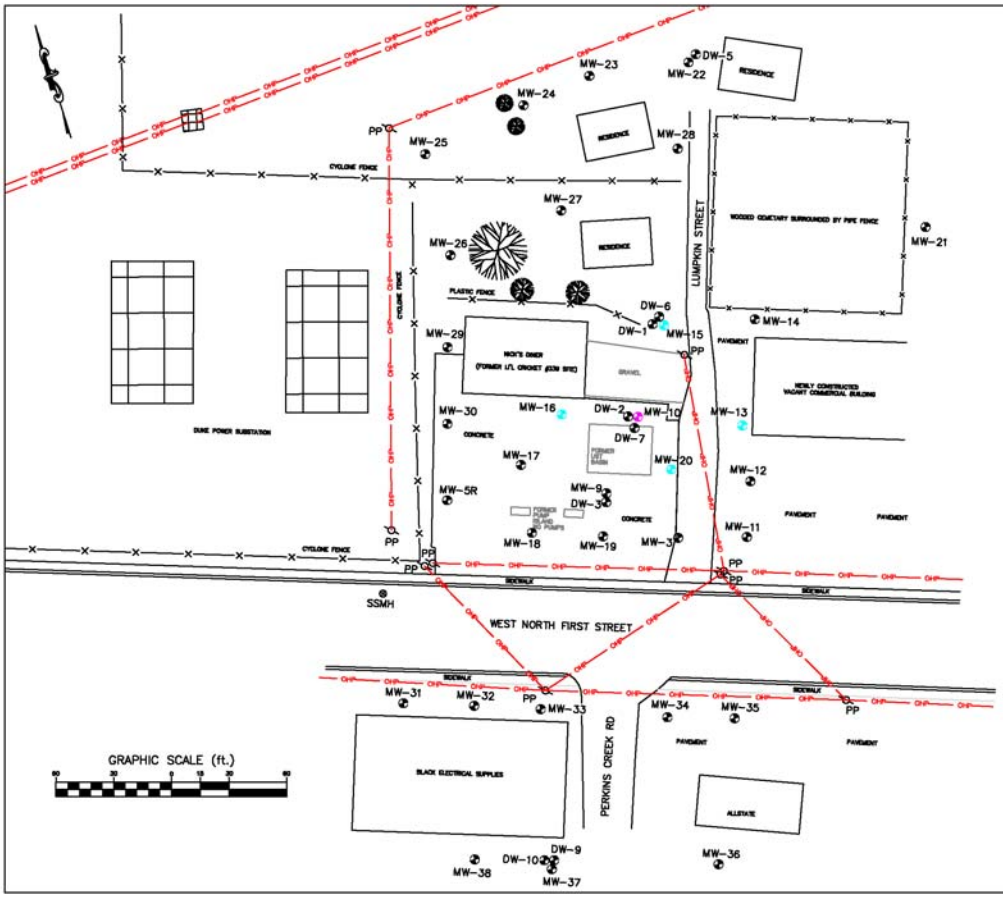

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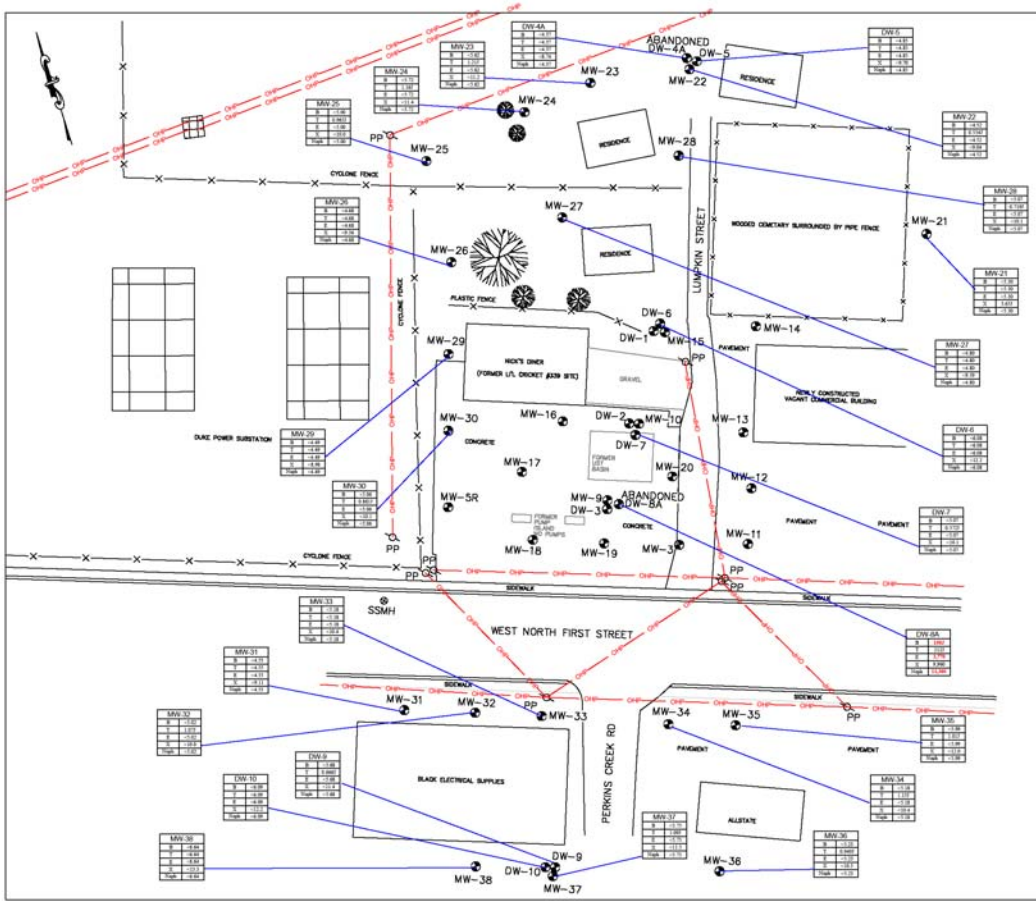
FIGURE 3
AFVR EVENT MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170D	07303
SCALE 1" = 50'	DATE JULY 2009



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- SSMH = SANITARY SEWER MAN HOLE
- PP = POWER POLE
- UST = UNDERGROUND STORAGE TANK
- X = FENCE
- OHP = OVERHEAD POWER LINE

B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylene (Total)
M = Tert-Butyl Methyl Ether
Naph = Naphthalene

All concentrations are in ug/L

RED indicates contaminants are above RBSL's

Data were collected between June 1 & June 17, 2009

GRAPHIC SCALE (ft.)

60 30 0 15 30 60

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FIGURE 4
SOIL ANALYTICAL MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170D	07303
SCALE 1" = 50'	DATE JULY 2009

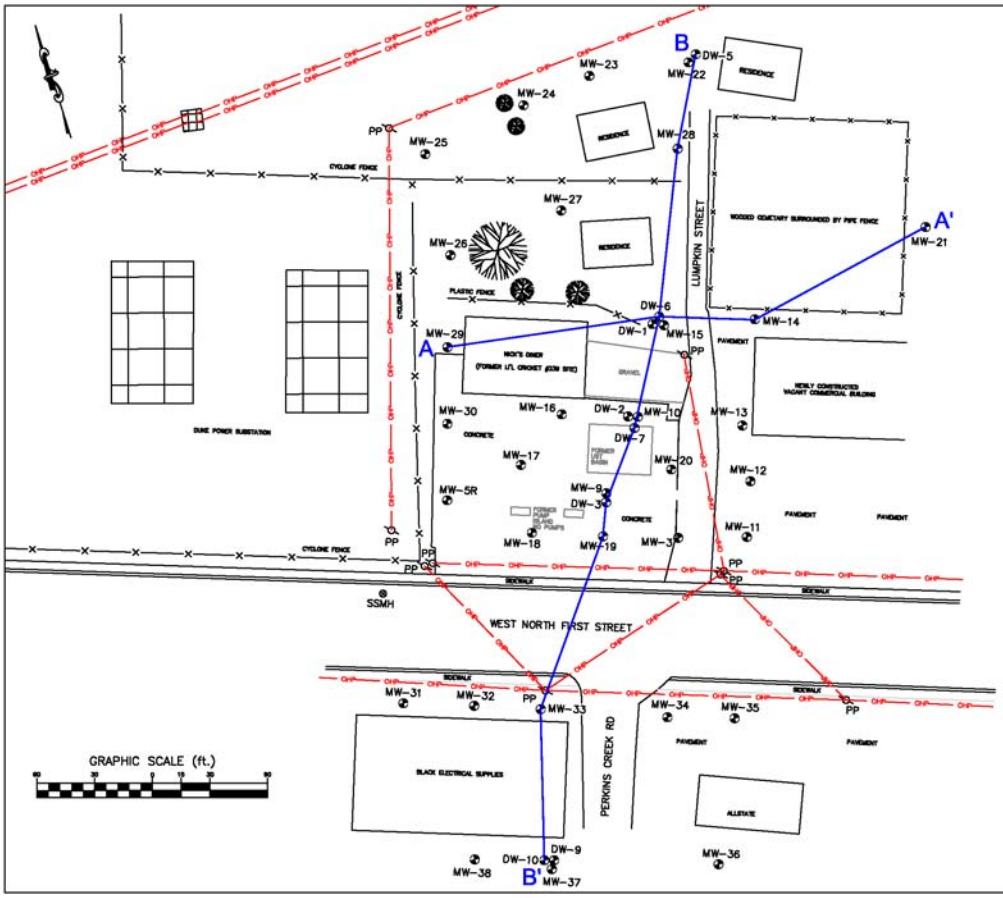

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FIGURE 5
GEOLOGIC TRANSECTS MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170D	07303
SCALE 1" = 50'	DATE JULY 2009

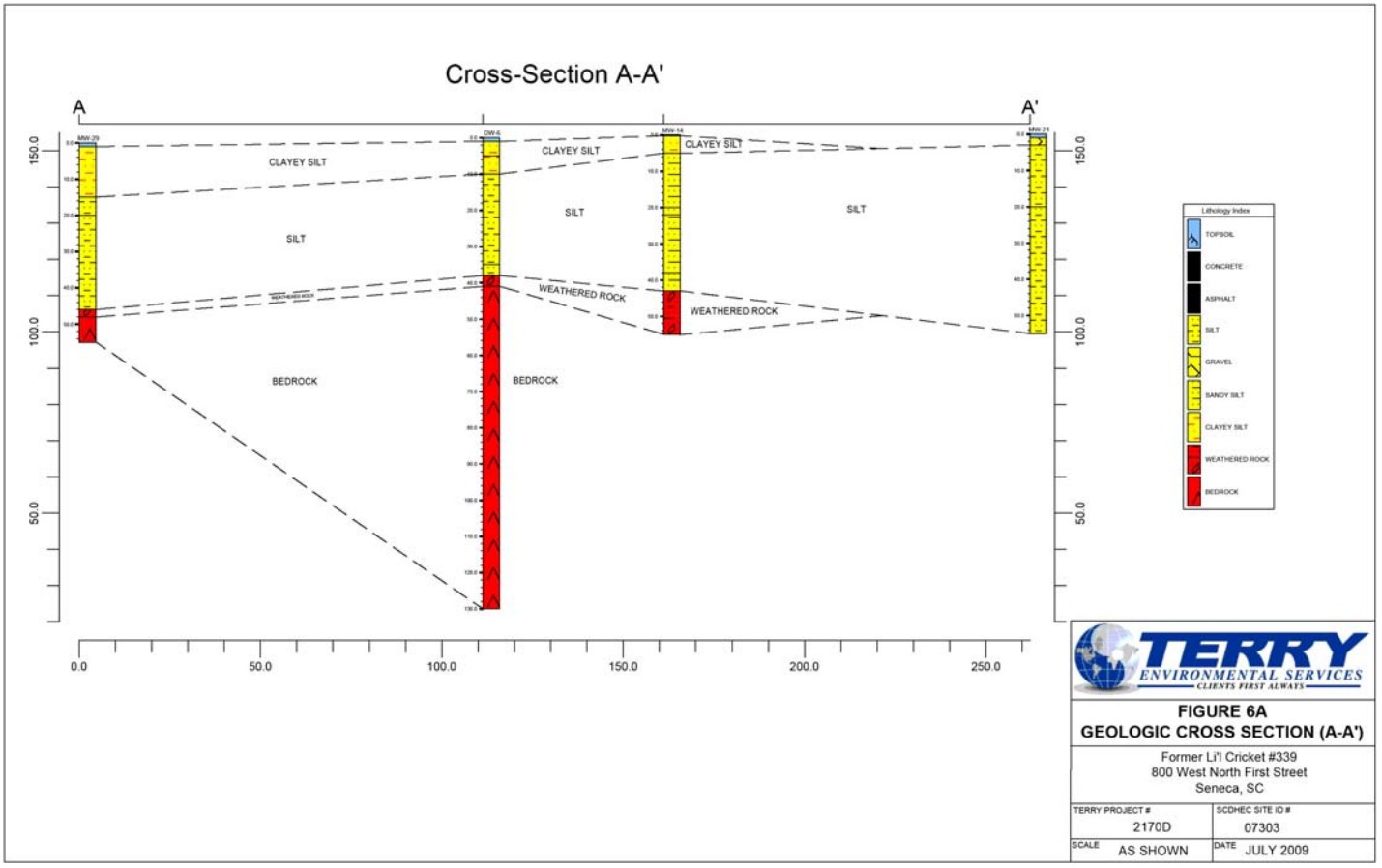

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FIGURE 6A
GEOLOGIC CROSS SECTION (A-A')

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170D	07303
SCALE AS SHOWN	DATE JULY 2009

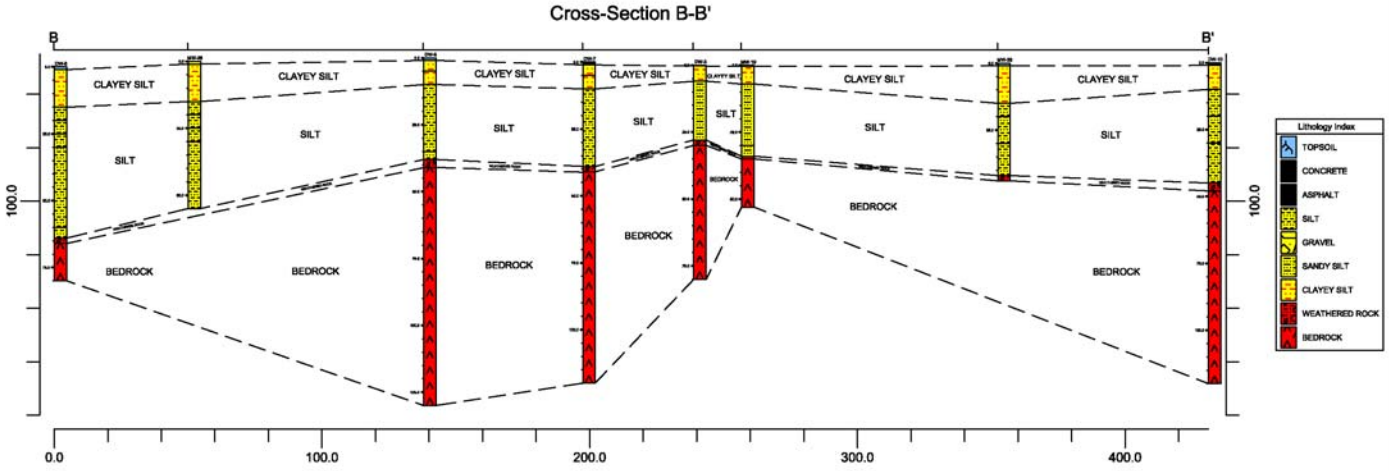

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FIGURE 6B
GEOLOGIC CROSS SECTION (B-B')

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170D	07303
SCALE AS SHOWN	DATE JULY 2009

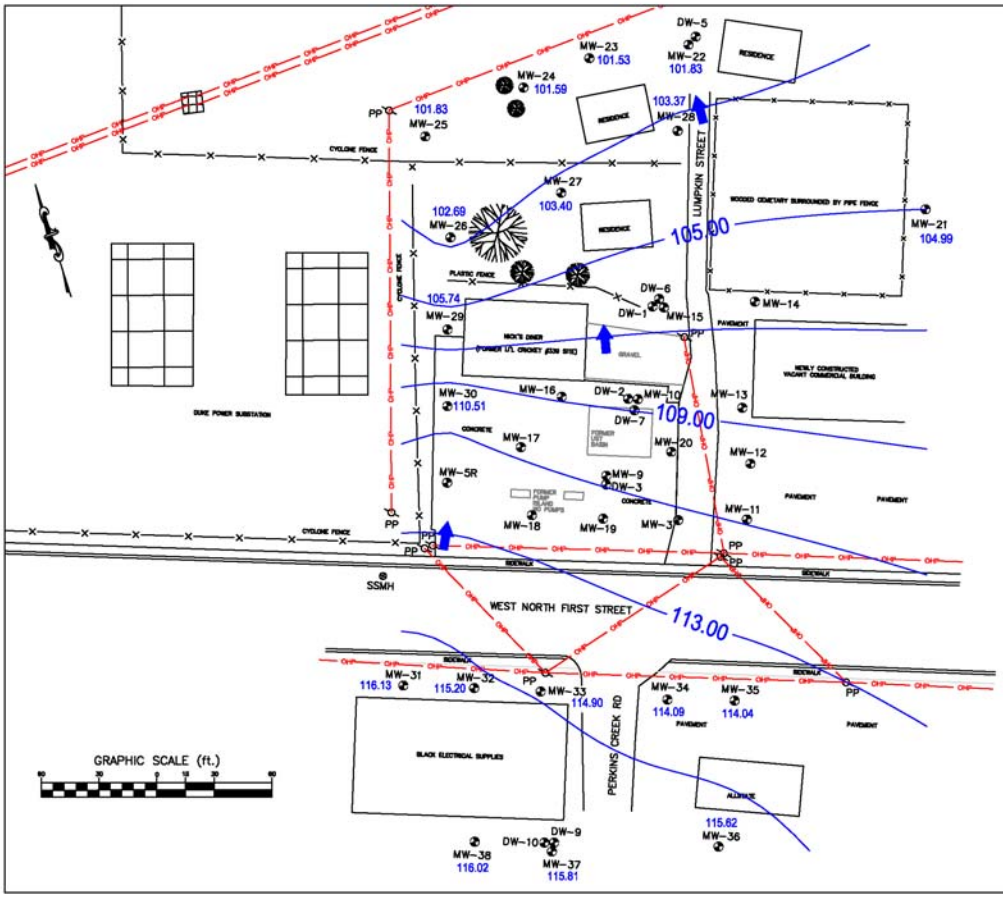

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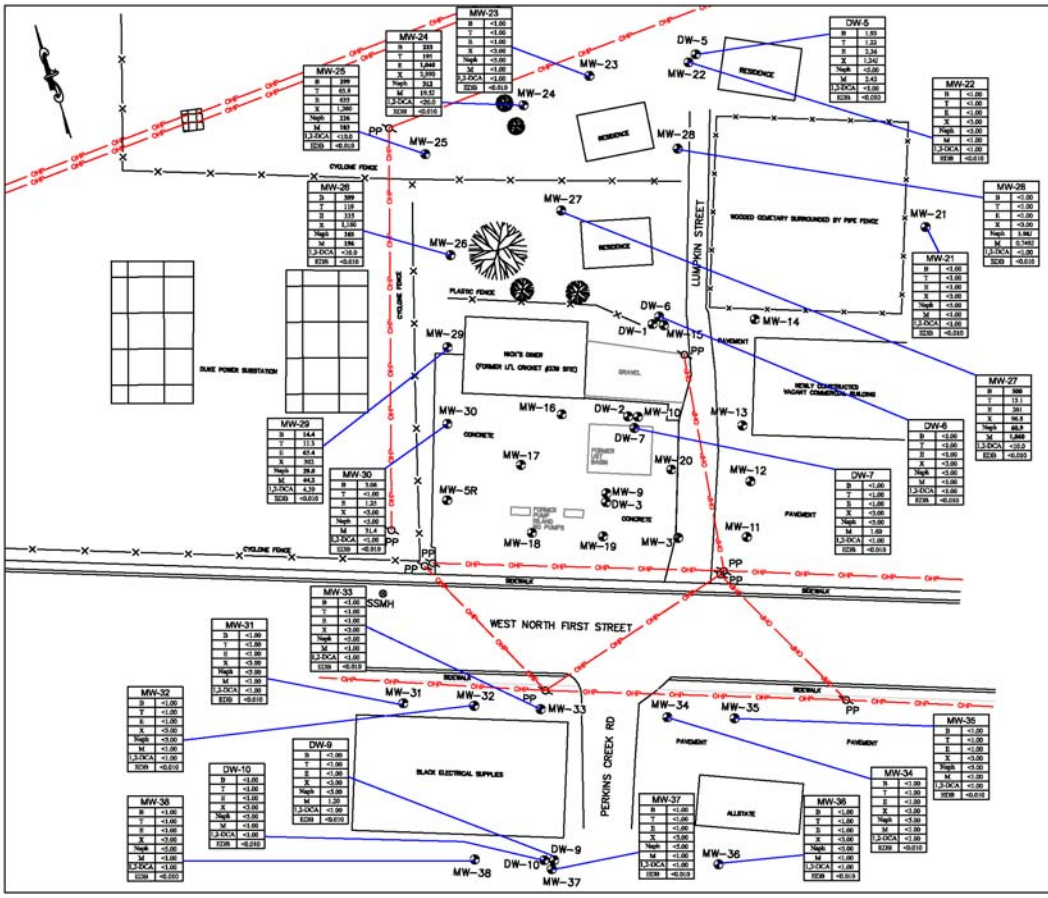
FIGURE 7
GROUNDWATER CONTOUR MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170D	07303
SCALE 1" = 50'	DATE JULY 2009



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- UST = UNDERGROUND STORAGE TANK
- —X— = FENCE
- —OHP— = OVERHEAD POWER LINE

B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
Naph = Naphthalene
M = Tert-Butyl Methyl Ether
1,2-DCA = 1,2 Dichloroethane
EDB = Ethylene Di-Bromide

All concentrations are in ug/L

BOLD indicates contaminants are above RBSL's

Data were collected on June 22 & 23, 2009

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FIGURE 8
GROUNDWATER ANALYTICAL MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170D	07303
SCALE 1" = 50'	DATE JULY 2009

APPENDIX 2

Tables

TABLE 1
SOIL ANALYTICAL DATA
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303

Boring Number	Total Depth (FT)	Depth Sample Taken (FT)	Date Performed	FIELD SCREENING DATA (depth in feet)										ANALYTICAL LABORATORY DATA				
				Soil PID Readings in ppm										PARAMETERS				
				5	10	15	20	25	30	35	40	45	50	BENZENE ug/kg	TOLUENE ug/kg	ETHYLBENZENE ug/kg	XYLENES ug/kg	NAPHTHALENE ug/kg
MW-21	55	10	6/1/2009	7.5	13.0	8.4	3.0	4.5	5.3	2.9	2.2	2.8	--	<5.30	<5.30	<5.30	3.65J	<5.30
MW-22	55	15	6/5/2009	407	405	2,610	933	781	810	663	973	511	--	<4.52	0.554J	<4.52	<9.04	<4.52
MW-23	55	5	6/17/2009	227	118	71.4	53.5	32.8	44.3	19.3	22.7	--	--	<5.62	1.21J	<5.62	<11.2	<5.62
MW-24	55	40	6/17/2009	44.3	28.2	14.8	33.2	47.5	67.6	114	166	--	--	<5.72	1.16J	<5.72	<11.4	<5.72
MW-25	54	10	6/17/2009	18.7	95.2	46.8	49.7	39.5	37.0	27.0	25.9	--	--	<5.00	0.965J	<5.00	<10.0	<5.00
MW-26	52	30	6/3/2009	2.3	12.8	35.9	24.4	34.4	67.8	38.6	15.1	17.3	--	<4.68	<4.68	<4.68	<9.36	<4.68
MW-27	55	40	6/3/2009	39.4	45.7	28.2	63.8	52.5	169	361	554	--	--	<4.80	<4.80	<4.80	<9.59	<4.80
MW-28	55	10	6/17/2009	281	399	286	223	215	144	123	87.8	--	--	<5.07	0.719J	<5.07	<10.1	<5.07
MW-29	55	10	6/2/2009	238	1,742	919	974	939	136	306	565	517	--	<4.49	<4.49	<4.49	<8.98	<4.49
MW-30	60	30	6/4/2009	79.2	45.1	30.3	59.6	91.4	118	--	--	--	--	<5.06	0.881J	<5.06	<10.1	<5.06
MW-31	41	25	6/10/2009	3.1	3.8	2.4	9.4	18.8	10.1	--	--	--	--	<4.55	<4.55	<4.55	<9.11	<4.55
MW-32	45	20	6/10/2009	27.8	12.6	59.6	78.7	47.1	20.3	36.6	--	--	--	<5.02	1.07J	<5.02	<10.0	<5.02
MW-33	44	20	6/10/2009	39.5	21.7	115	206	121	109	77.6	--	--	--	<5.18	<5.18	<5.18	<10.4	<5.18
MW-34	45	20	6/8/2009	20.9	17.9	24.0	29.2	20.5	16.2	15.4	--	--	--	<5.18	1.15J	<5.18	<10.4	<5.18
MW-35	46	25	6/8/2009	76.9	94.3	59.3	32.7	117	72.3	66.6	--	--	--	<5.99	1.01J	<5.99	<12.0	<5.99
MW-36	46	30	6/16/2009	0.2	0.0	82.7	93.8	79.9	113	--	--	--	--	<5.23	0.949J	<5.23	<10.5	<5.23
MW-37	44	10	6/16/2009	5.3	70.1	32.2	47.8	24.6	33.4	--	--	--	--	<5.75	1.09J	<5.75	<11.5	<5.75
MW-38	47	20	6/4/2009	10.7	274	129	300	202	246	178	--	--	--	<6.64	<6.64	<6.64	<13.3	<6.64
DW-4(A)	--	40	6/1/2009	78.6	39.7	12.9	23.9	30.0	32.5	59.1	122	37.5	80	<4.37	<4.37	<4.37	<8.74	<4.37
DW-5	80	40	6/2/2009	5.7	7.2	3.9	4.6	4.5	7.2	8.3	36.7	13.8	4.4	<4.85	<4.85	<4.85	<9.70	<4.85
DW-6	130	30	6/8/2009	211	165	387	293	263	600	354	248	--	--	<6.08	<6.08	<6.08	<12.2	<6.08
DW-7	120	30	6/3/2009	713	907	403	784	820	1,111	523	690	--	--	<5.07	0.572J	<5.07	<10.1	<5.07
DW-8(A)	--	5	6/2/2009	3,778	1,903	1,343	1,883	2,078	2,301	--	--	--	--	**150J**	212J	**3,770**	9,960	**11,300**
DW-9	80	20	6/4/2009	168	344	346	586	229	173	216	187	--	--	<5.68	0.666J	<5.68	<11.4	<5.68
DW-10	120	20	6/9/2009	120	106	101	214	195	133	--	--	--	--	<6.09	<6.09	<6.09	<12.2	<6.09
SOIL RBSL	–	–	–	–	–	–	–	–	–	–	–	–	–	**7**	**1,450**	**1,150**	**14,500**	**36**

NOTES:

ppm PARTS PER MILLION
ug/kg MICROGRAMS PER KILOGRAM (PARTS PER BILLION)
J INDICATES AN ESTIMATED VALUE
3,770 BOLD INDICATES CONTAMINATION PRESENT IN EXCESS OF RISK BASED SCREENING LEVELS
– PARAMETER WAS NOT TESTED OR NOT APPLICABLE
(A) BORING ABANDONED AFTER SAMPLE COLLECTION

SOIL RBSL UNITS ARE UG/KG
SOIL RBSL'S ARE BASED ON SANDY SOIL

TABLE 2
MONITORING WELL AND GROUNDWATER DATA
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT # 07303

Well #	Date	TOC Elevation**	Screened Interval	Depth to Product*	Depth to Water*	Product Thickness	Water Table Elevation
		ft	ft	ft	ft	ft	ft
MW-3	10/1/2008	152.15	37-55	-	41.28	-	110.87
	2/16/2009			-	41.54	-	110.61
	6/22/2009			Not Sampled			
MW-5R	10/1/2008	150.01	50-60	-	59.55	-	90.46
	2/16/2009			-	53.20	-	96.81
	6/22/2009			Not Sampled			
MW-9	10/1/2008	150.85	45-55	-	40.81	-	110.04
	2/16/2009			-	40.44	-	110.41
	6/22/2009			Not Sampled			
MW-10	10/1/2008	152.07	42-52	43.62	43.95	0.33	108.12
	2/16/2009			43.83	43.93	0.10	108.14
	6/22/2009			Not Sampled			
MW-11	2/17/2009	153.51	40-50	-	43.31	-	110.20
	6/22/2009			Not Sampled			
MW-12	2/17/2009	154.40	40-50	-	45.39	-	109.01
	6/22/2009			Not Sampled			
MW-13	2/17/2009	153.54	40-50	-	45.34	-	108.20
	6/22/2009			Not Sampled			
MW-14	2/17/2009	154.32	45-55	-	49.58	-	104.74
	6/22/2009			Not Sampled			
MW-15	2/17/2009	152.67	40-50	-	47.05	-	105.62
	6/22/2009			Not Sampled			
MW-16	2/17/2009	151.33	40-55	-	42.08	-	109.25
	6/22/2009			Not Sampled			
MW-17	2/16/2009	150.78	40-55	-	41.43	-	109.35
	6/22/2009			Not Sampled			
MW-18	2/16/2009	150.31	35-50	-	40.90	-	109.41
	6/22/2009			Not Sampled			
MW-19	2/17/2009	150.78	38-53	-	40.33	-	110.45
	6/22/2009			Not Sampled			
MW-20	2/17/2009	152.08	35-50	-	43.12	-	108.96
	6/22/2009			Not Sampled			
MW-21	6/22/2009	154.55	40-55	-	49.56	-	104.99
MW-22	6/22/2009	149.85	40-55	-	48.02	-	101.83
MW-23	6/22/2009	150.05	40-55	-	48.52	-	101.53
MW-24	6/22/2009	150.02	40-55	-	48.43	-	101.59
MW-25	6/22/2009	148.14	39-54	-	46.31	-	101.83
MW-26	6/22/2009	146.65	37-52	-	43.96	-	102.69
MW-27	6/22/2009	149.99	40-55	-	46.59	-	103.40

TABLE 2
MONITORING WELL AND GROUNDWATER DATA
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT # 07303

Well #	Date	TOC Elevation**	Screened Interval	Depth to Product*	Depth to Water*	Product Thickness	Water Table Elevation
		ft	ft	ft	ft	ft	ft
MW-28	6/22/2009	152.24	40-55	-	48.87	-	103.37
MW-29	6/22/2009	152.17	40-55	-	46.43	-	105.74
MW-30	6/22/2009	151.23	45-60	-	40.72	-	110.51
MW-31	6/22/2009	148.95	26-41	-	32.82	-	116.13
MW-32	6/22/2009	150.06	30-45	-	34.86	-	115.20
MW-33	6/22/2009	151.57	29-44	-	36.67	-	114.90
MW-34	6/22/2009	153.70	30-45	-	39.61	-	114.09
MW-35	6/22/2009	154.52	31-46	-	40.48	-	114.04
MW-36	6/22/2009	156.04	31-46	-	40.42	-	115.62
MW-37	6/22/2009	151.73	29-44	-	35.92	-	115.81
MW-38	6/22/2009	150.63	32-47	-	34.61	-	116.02
DW-1	2/17/2009	152.36	75-80	-	47.91	-	104.45
	6/22/2009			Not Sampled			
DW-2	2/17/2009	151.77	75-80	-	44.15	-	107.62
	6/22/2009			Not Sampled			
DW-3	2/17/2009	150.83	75-80	-	42.12	-	108.71
	6/22/2009			Not Sampled			
DW-5	6/22/2009	150.19	75-80	-	45.55	-	104.64
DW-6	6/23/2009	152.59	115-130	-	63.39	-	89.20
DW-7	6/23/2009	151.97	115-120	-	113.41	-	38.56
DW-9	6/22/2009	151.96	75-80	-	37.64	-	114.32
DW-10	6/23/2009	151.77	115-120	-	37.84	-	113.93

Notes:

-- = No measurable product.

* = Relative to top of casing (TOC).

** = The TOC elevation benchmark was adjusted from 100' to 150' to allow for the newly installed deep wells with water levels greater than 100' below the TOC.

TABLE 3
GROUNDWATER ANALYTICAL DATA
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303

WELL ID	SAMPLING DATE	PARAMETERS																			
		Benzene	Toluene	Ethyl benzene	Xylenes	Naphthalene	MTBE	1,2 DCA	EDB	Lead	Nitrate/ Nitrite	Sulfate	Methane	Ferrous Iron	DIPE	Ethanol	ETBA	ETBE	TAME	TBA	TAA	TBF
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	mg/L	mg/L	mg/L	ug/l	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
RBSL	--	5	1,000	700	10,000	25	40	5	0.05	0.05	N/A	N/A	N/A	N/A	150	10,000	N/A	47	128	1,400	240	N/A
MW-3	10/1/2008	**8.51**	<1.00	4.1	7.25	3.51J	**57.3**	<1.00	<0.010	0.014B	7.85	<5.0	1.60J	0.595	--	--	--	--	--	--	--	--
	2/16/2009	2.45	<1.00	<1.00	<3.00	<5.00	**56.4**	<1.00	<0.010	0.0051B	--	--	--	--	2.67J	<100	<10.0	<5.00	6.94	103	46.3	<5.00
	6/22/2009	NOT SAMPLED																				
MW-5R	10/1/2008	NOT SAMPLED																				
	2/16/2009	<1.00	<1.00	<1.00	<3.00	<5.00	0.994J	<1.00	<0.010	<0.015	--	--	--	--	<5.00	<100	<10.0	<5.00	<5.00	<10.0	<20.0	<5.00
	6/22/2009	NOT SAMPLED																				
MW-9	10/1/2008	**2,820**	**4,860**	**1,140**	4,720	**357**	**9,050**	<50.0	**197**	**0.16**	<0.10	1.4B	1.72J	0.131	--	--	--	--	--	--	--	--
	2/16/2009	**3,020**	**4,180**	**1,150**	4,370	**393**	**8,630**	**52.0**	**0.069**	0.014B	--	--	--	--	**247J**	<5,000	<500	<250	**438**	**3,450**	<1,000	<250
	6/22/2009	NOT SAMPLED																				
MW-10	10/1/2008	FREE PRODUCT - 0.33 FEET																				
	2/16/2009	FREE PRODUCT - 0.10 FEET																				
	6/22/2009	NOT SAMPLED																				
MW-11	2/17/2009	<1.00	<1.00	<1.00	<3.00	<5.00	0.822J	<1.00	<0.010	0.014B	1.06	<5.0	--	<0.10	<5.00	<100	<10.0	<5.00	<5.00	<10.0	<20.0	<5.00
	6/22/2009	NOT SAMPLED																				
MW-12	2/17/2009	<1.00	<1.00	<1.00	<3.00	<5.00	25.3	<1.00	<0.010	0.0043B	2.47	<5.0	--	<0.10	1.22J	<100	<10.0	<5.00	<5.00	<10.0	<20.0	<5.00
	6/22/2009	NOT SAMPLED																				
MW-13	2/17/2009	<1.00	<1.00	<1.00	35.8	10.1	17.4	<1.00	<0.010	<0.015	4.39	<5.0	--	<0.10	1.11J	<100	<10.0	<5.00	<5.00	16.7	<20.0	<5.00
	6/22/2009	NOT SAMPLED																				
MW-14	2/17/2009	<1.00	<1.00	<1.00	<3.00	<5.00	1.55	<1.00	<0.010	0.0037B	2.00	<5.0	--	<0.10	<5.00	<100	<10.0	<5.00	<5.00	<10.0	<20.0	<5.00
	6/22/2009	NOT SAMPLED																				
MW-15	2/17/2009	**822**	**1,420**	417	1,550	**143**	**1,320**	<20.0	<0.010	0.0047B	<0.010	<5.0	--	0.4	40.8J	<2,000	<200	<100	**141**	**2,150**	<400	<100
	6/22/2009	NOT SAMPLED																				
MW-16	2/17/2009	**183**	85.5	57.2	107	<25.0	**542**	**9.19**	0.019	0.0037B	<0.010	<5.0	--	2.2	28.6	<500	<50.0	<25.0	39.3	114	237	<25.0
	6/22/2009	NOT SAMPLED																				
MW-17	2/16/2009	**106**	15.7	54.6	84.0	<25.0	**463**	4.74J	<0.010	<0.015	<0.010	<5.0	--	2.4	24.0J	<500	<50.0	<25.0	38.3	72.8	<100	<25.0
	6/22/2009	NOT SAMPLED																				
MW-18	2/16/2009	**255**	72.7	109	458	<25.0	**689**	**7.48**	0.015	0.0056B	<0.010	<5.0	--	2.5	37.9	<500	<50.0	<25.0	44.0	123	143	<25.0
	6/22/2009	NOT SAMPLED																				
MW-19	2/17/2009	**3,110**	**9,000**	**1,330**	5,410	**682**	**12,100**	<100	**6.49**	**0.10**	<0.010	4.5B	--	2.8	**323J**	<10,000	<1,000	<500	**804**	**7,480**	<2,000	<500
	6/22/2009	NOT SAMPLED																				
MW-20	2/17/2009	**1,340**	**1,840**	**1,040**	2,670	**602**	**6,230**	<100	**1.61**	**0.053B**	<0.010	<5.0	--	0.6	146J	<10,000	<1,000	<500	**676**	**16,300**	**8,450**	<500
	6/22/2009	NOT SAMPLED																				
MW-21	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-23	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24	6/22/2009	**233**	195	**1,040**	2,990	**312**	19.5J	<20.0	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	6/22/2009	**299**	65.8	635	1,260	**226**	**103**	<10.0	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-26	6/22/2009	**399**	119	335	1,160	**165**	**156**	<10.0	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	6/22/2009	**500**	13.1	261	96.8	**60.9**	**1,060**	<10.0	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-28	6/22/2009	<1.00	<1.00	<1.00	<3.00	3.98J	0.749J	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-29	6/22/2009	**14.4**	11.3	65.4	302	**29.0**	**44.2**	4.39	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-30	6/22/2009	3.06	<1.00	1.25	<3.00	<5.00	31.4	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-31	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 3
GROUNDWATER ANALYTICAL DATA
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303

WELL ID	SAMPLING DATE	PARAMETERS																			
		Benzene	Toluene	Ethyl benzene	Xylenes	Naphthalene	MTBE	1,2 DCA	EDB	Lead	Nitrate/ Nitrite	Sulfate	Methane	Ferrous Iron	DIPE	Ethanol	ETBA	ETBE	TAME	TBA	TAA	TBF
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	mg/L	mg/L	mg/L	ug/l	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
RBSL	--	5	1,000	700	10,000	25	40	5	0.05	0.05	N/A	N/A	N/A	N/A	150	10,000	N/A	47	128	1,400	240	N/A
MW-32	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-33	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-34	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-35	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-37	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-38	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010													
DW-1	2/17/2009	1.66	1.39	<1.00	<3.00	<5.00	**47.5**	<1.00	<0.010	<0.075	0.507	9.4	--	0.2	2.42J	<100	<10.0	<5.00	6.66	42.9	<20.0	<5.00
	6/22/2009	NOT SAMPLED																				
DW-2	2/17/2009	2.81	<1.00	<1.00	<3.00	<5.00	**51.3**	<1.00	<0.010	0.015B	0.594	1.4B	--	<0.10	2.14J	<100	<10.0	<5.00	6.77	14.7	<20.0	<5.00
	6/22/2009	NOT SAMPLED																				
DW-3	2/17/2009	**6.59**	1.85J	<2.00	<6.00	<10.0	**279**	3.42	<0.010	<0.075	0.461	<5.0	--	<0.10	14.0	<200	<20.0	<10.0	15.8	42.7	76.8	<10.0
	6/22/2009	NOT SAMPLED																				
DW-5	6/22/2009	1.93	1.22	2.36	1.24J	<5.00	2.42	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-6	6/23/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-7	6/23/2009	<1.00	<1.00	<1.00	<3.00	<5.00	1.60	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-9	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	1.20	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-10	6/23/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--

NOTES:

-- = Parameter was not tested
RBSL = Risk Based Screening Levels
ug/L= micrograms per liter
mg/L= milligrams per liter
J = Indicates an estimated value
MTBE = tert-Butyl Methyl Ether
1,2 DCA = 1,2 Dichloroethane
EDB = 1,2-Dibromoethane
DIPE = diisopropyl Ether
ETBA = ethyl tert-butanol
ETBE = Ethyl tert-butyl ether
TAME = tert-amyl methyl ether
TBA = tert-Butanol
TAA = tert-amyl alcohol
TBF = tert-butyl formate
B = (ORGANICS) Indicates the analyte was detected in the associated method blank
B = (INORGANICS) Indicates the result is between the RDL and the MDL
Bold Lettering indicates parameter exceeds SCDHEC RBSLs except for 1,2 DCA which is based on EPA limits

APPENDIX 3

AFVR Data & Disposal Manifest

TABLE 1
GROUNDWATER ELEVATION AND VACUUM DATA
Former Li'l Cricket #339
Seneca, South Carolina
SCDHEC UST Permit # 07303
May 7, 2009

Well #	MW-13			Well #	MW-15			Well #	MW-16			Well #	MW-20		
Elapsed Time	Depth to Product (ft)	Depth to Water (ft)	Vacuum (in H2O)	Elapsed Time	Depth to Product (ft)	Depth to Water (ft)	Vacuum (in H2O)	Elapsed Time	Depth to Product (ft)	Depth to Water (ft)	Vacuum (in H2O)	Elapsed Time	Depth to Product (ft)	Depth to Water (ft)	Vacuum (in H2O)
0	n/a	44.63	0.0	0	n/a	46.33	0.0	0	n/a	41.02	0.0	0	n/a	42.41	0.0
0.5	n/a	44.63	0.0	0.5	n/a	46.33	0.0	0.5	n/a	41.02	0.0	0.5	n/a	42.41	0.0
1	n/a	44.63	0.0	1	n/a	46.33	0.0	1	n/a	41.02	0.0	1	n/a	42.42	0.0
1.5	n/a	44.62	0.0	1.5	n/a	46.33	0.0	1.5	n/a	41.03	0.0	1.5	n/a	42.42	0.0
2	n/a	44.62	0.0	2	n/a	46.33	0.0	2	n/a	41.03	0.0	2	n/a	42.42	0.0
2.5	n/a	44.61	0.0	2.5	n/a	46.33	0.0	2.5	n/a	41.03	0.0	2.5	n/a	42.42	0.0
3	n/a	44.61	0.0	3	n/a	46.33	0.0	3	n/a	41.03	0.0	3	n/a	42.42	0.0
3.5	n/a	44.61	0.0	3.5	n/a	46.32	0.0	3.5	n/a	41.03	0.0	3.5	n/a	42.42	0.0
4	n/a	44.60	0.0	4	n/a	46.32	0.0	4	n/a	41.03	0.0	4	n/a	42.42	0.0
4.5	n/a	44.60	0.0	4.5	n/a	46.31	0.0	4.5	n/a	41.03	0.0	4.5	n/a	42.42	0.0
5	n/a	44.60	0.0	5	n/a	46.31	0.0	5	n/a	41.03	0.0	5	n/a	42.42	0.0
5.5	n/a	44.60	0.0	5.5	n/a	46.31	0.0	5.5	n/a	41.03	0.0	5.5	n/a	42.43	0.0
6	n/a	44.61	0.0	6	n/a	46.31	0.0	6	n/a	41.02	0.0	6	n/a	42.43	0.0
6.5	n/a	44.61	0.0	6.5	n/a	46.31	0.0	6.5	n/a	41.02	0.0	6.5	n/a	42.43	0.0
7	n/a	44.61	0.0	7	n/a	46.31	0.0	7	n/a	41.02	0.0	7	n/a	42.43	0.0
7.5	n/a	44.61	0.0	7.5	n/a	46.31	0.0	7.5	n/a	41.02	0.0	7.5	n/a	42.43	0.0
8	n/a	44.61	0.0	8	n/a	46.31	0.0	8	n/a	41.02	0.0	8	n/a	42.43	0.0
Maximum Drawdown		**0.00**		Maximum Drawdown		**0.00**		Maximum Drawdown		**0.01**		Maximum Drawdown		**0.02**	
Maximum Observed Vacuum			**0.0**	Maximum Observed Vacuum			**0.0**	Maximum Observed Vacuum			**0.0**	Maximum Observed Vacuum			**0.0**
Distance From Recovery Well (ft)			**47**	Distance From Recovery Well (ft)			**37**	Distance From Recovery Well (ft)			**32**	Distance From Recovery Well (ft)			**49**

RADIUS OF INFLUENCE

Best Fit Linear Regression - Drawdown Data	**40**	ft
Best Fit Linear Regression - Vacuum Data	**<32**	ft

AFVR Emissions Field Data

Date:	May 7, 2009											**Average Depth to Groundwater:**		~45 ft		
Site Name:	Former Li'l Cricket #339											**Describe Soil in Saturated Zone:**		Sandy Silt		
SCDHEC Site ID #:	07303											**Vacuum Contractor:**		Terry Environmental Services, Inc.		
Well ID #:	**MW-10**		**Blower Specification of the Vacuum Truck (CFM @ Hg):**									20 SCFM @ 25" Hg				
DRY STANDARD CUBIC FEET PER MINUTE (DSCFM) CALCULATIONS (Qstd)										**EMISSION CALCULATION**						
		Vacuum	Velocity	Pipe Id	Temp.	Rel.Humid	$PPM_{measured}$	Elapsed time	Flow	PPM_d	PPM_c	K	C_{cm}	C_c	PMR_c	PMR_g	PMR_g
Date	Time	(in. Hg)	(ft/min)	(in)	(F)	(%)	(ppm)	(min)	(DSCFM)				(mg/dsm^3)	(lb/dscf)	(lb/hr)	(lb/hr)	(gal/hr)
5/7/2009	11:30	14.0	2,680	3	133.4	19.9	126	0	106.74	138.11	552.45	4	275.65	1.721E-05	0.11	0.13	0.02
5/7/2009	12:00	14.0	2,790	3	139.7	18.3	129	30	109.95	141.40	565.60	4	282.21	1.762E-05	0.12	0.13	0.02
5/7/2009	12:30	14.0	2,841	3	140.0	17.8	138	60	111.90	151.27	605.07	4	301.90	1.885E-05	0.13	0.15	0.02
5/7/2009	13:00	14.0	2,776	3	140.0	18.4	151	90	109.34	165.52	662.06	4	330.34	2.062E-05	0.14	0.16	0.03
5/7/2009	13:30	14.0	2,890	3	140.0	19.9	176	120	113.83	192.92	771.68	4	385.04	2.404E-05	0.16	0.19	0.03
5/7/2009	14:00	14.0	2,612	3	140.0	19.2	162	150	102.88	177.57	710.29	4	354.41	2.213E-05	0.14	0.16	0.03
5/7/2009	14:30	14.0	2,581	3	140.0	19.6	181	180	101.66	198.40	793.60	4	395.98	2.472E-05	0.15	0.17	0.03
5/7/2009	15:00	15.0	2,763	3	140.0	18.7	170	210	108.83	186.34	745.37	4	371.91	2.322E-05	0.15	0.18	0.03
5/7/2009	15:30	15.0	2,808	3	140.0	18.0	193	240	110.60	211.55	846.22	4	422.23	2.636E-05	0.17	0.20	0.03
5/7/2009	16:00	15.0	2,719	3	139.3	16.7	205	270	107.22	224.71	898.83	4	448.48	2.800E-05	0.18	0.21	0.03
5/7/2009	16:30	15.0	2,710	3	137.5	16.9	211	300	107.19	231.28	925.14	4	461.61	2.882E-05	0.19	0.21	0.03
5/7/2009	17:00	15.0	2,777	3	139.1	15.3	221	330	109.55	242.25	968.98	4	483.48	3.018E-05	0.20	0.23	0.04
5/7/2009	17:30	15.0	2,642	3	140.0	13.9	215	360	104.06	235.67	942.67	4	470.36	2.936E-05	0.18	0.21	0.03
5/7/2009	18:00	15.0	2,669	3	140.0	15.8	203	390	105.13	222.52	890.06	4	444.11	2.773E-05	0.17	0.20	0.03
5/7/2009	18:30	15.0	2,805	3	138.2	16.4	194	420	110.82	212.65	850.60	4	424.42	2.650E-05	0.18	0.20	0.03
5/7/2009	19:00	15.0	2,830	3	137.1	16.0	198	450	112.01	217.03	868.14	4	433.17	2.704E-05	0.18	0.21	0.03
5/7/2009	19:30	15.0	2,901	3	137.4	19.3	202	480	114.76	221.42	885.68	4	441.92	2.759E-05	0.19	0.22	0.04
Average		14.6	2753	3.0	138.9	17.7	181		108.62	198.27	793.08	4	395.72	2.470E-05	0.16	0.19	0.03
Bws =	0.088	Bwsw:	0.06														

Total Pounds of Carbon Recovered as Emissions: 1.29

Total Pounds of Gasoline Vapor Recovered as Emissions: 1.49

Total Gallons of Gasoline Recovered as Emissions: 0.24

(This Number Represents the Gallons Recovered via Vapors, Not Total Liquids)

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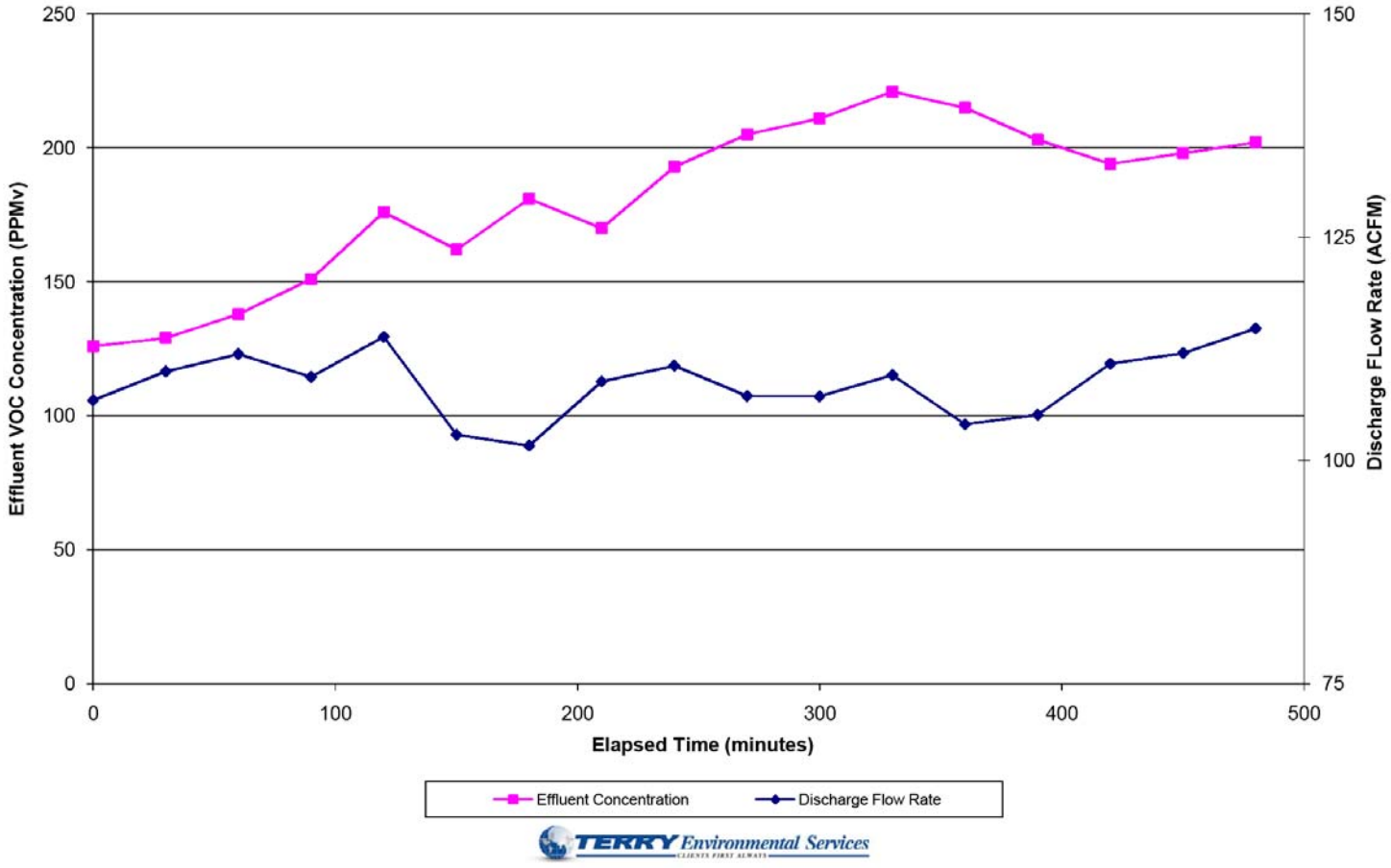
AFVR PROCESS MONITORING
May 7, 2009
Former Li'l Cricket #339, Seneca, South Carolina
SCDHEC UST Permit #07303



TERRY Environmental Services
CLIENTS FIRST ALWAYS

AFVR Definitions and Equations

Qstd = (60 sec/min) (1- Bws) (velocity) (Pipe ID sq.ft.) [(528 oR / (Temp. + 460)] (Listed As Flow Above)

Bws = (B_{wsw} / 18 lb-mole H_2O) / [(1/28.84 lb-mole dry air) + B_{wsw} / 18 lb-mole H_2O)]

PPMd = (PPMw) / (1-Bws)

PPMc = (PPM) (K)

Cc = Ccm (62.43 E -9 lb-m^3/mg-ft^3)

PMRg = (PMRc) (Mg/Mcg)

Bgs = below top of casing

Bws = (B_{WSW} / 18 lb-mole H_2O) / [(1/28.84 lb-mole dry air) + B_{wsw} / 18 lb-mole H_2O)]

Qstd = (60 sec/min)(1-Bws)(V)(A)(Temp deg Rankin)

Bgs = below top of casing

Bws - water vapor % by volume

PPMmeasured = obtained directly from Photo Ionization Detector (PID)

Bwsw - pounds of water per pound of dry air, derived from the psychometric chart (temp Vs relative hum)

PPMw = PPM measured (wet Conc.)

K = # of carbons in calibration gas (isobutylene)

PPMc = PPMv, volumetric concentration of VOC emissions as carbon, dry basis, at STP

Ccm = mg/dsm^3, mass concentration of VOC emissions as carbon

Mc = 12.01 mg/mg-mole, molecular wt. of carbon

K_3 = 24.07 $dsm^3/10^6$ mg-mole, mass to volume conversion factor at stp

Cc = lb/dscf, mass concentration of VOC emissions as carbon, dry basis, at STP

PMRc = lb/hr, pollutant mass removal rate of VOC's as carbon

PMRg = lb/hr, pollutant mass removal rate of VOC's as gasoline

Mcg = 89 mg/mg-mole, weight of carbon in gasoline molecule

PPMd = "dry" concentration

Mg = 103 mg/mg-mole, molecular wt. of gasoline

Qstd - Flow at DSCFM

Ccm = PPMc (Mc/K_3)

PMRc = Cc (Qstd) (60 min/hr)

Reference:

North Carolina Department of Natural Resources, Division of Waste Management, Underground Storage Tank Section, Appendix B, Report Formats, April 2001.

US Water Recovery

Non-Hazardous Wastewater Manifest Number:

1. Generator's EPA ID# (if applicable): 07303 — Waste ID Number:

2. Generator's Name and Mailing Address: Former L/I Cricket 339, 800 West North First Street, Seneca, SC — Phone (843) 873-8200 — PO#: 2170D

3. Agent of Generator and Mailing Address: Terry Environmental Services, P.O. Box 25, Summerville, SC 29484 — Phone (843) 873-8200 — PO#: 2170D

4. Transporter Company Name: SAME AS ↑ — Phone ( )

Truck & Trailer License Number:

5. Transporter U.S. EPA ID#:

6. Facility Name and Site Address: U S Water Recovery, 435 Old Mt. Holly Rd., Mt. Holly, SC 29445 — Phone: (843) 797-8674 — Fax: (843) 797-2126

Mailing Address: U S Water Recovery, 511 Old Mt. Holly Rd., Goose Creek, SC 29445 — Phone: (843) 797-3111 — Fax: (843) 797-0710

7. Facility U.S. EPA ID#:

Start Level: 0 — End Level: 50 — Total Gallons: 50 — Tank Number

8. U.S. DOT Desciption	Container No.	Container Type	Unit	Quantity
a. Non-Hazardous, non-regulated waste water	1	VAC	Gallons	50

9. Generator's Certification: I hereby declare that the contents of this consignment are not hazardous by definition or listing and are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina. I further certify that the contents of this consignment are as represented by the description contained on the Waste Profile Form previously submitted to and approved by the Designated Facility.

Printed/Typed Name: Tony Monk — Signature: Anthony Monk Its Agent — Date: 5-11-09

10. Transporter Acknowledgement of Receipt of Materials

Printed/Typed Name: Tony Monk — Signature: Anthony Monk its Agent — Date: 5-11-09

11. Discrepancy indication space:

12. Facility Owner or Operator Certification of Receipt of Materials

Printed/Typed Name: David Wood — Signature: David Wood — Date: 5-11-09

White - Facility Yellow - Transporter Pink - Generator

5088

APPENDIX 4

Well Construction Logs

TERRY ENVIRONMENTAL SERVICES
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WELL LOG

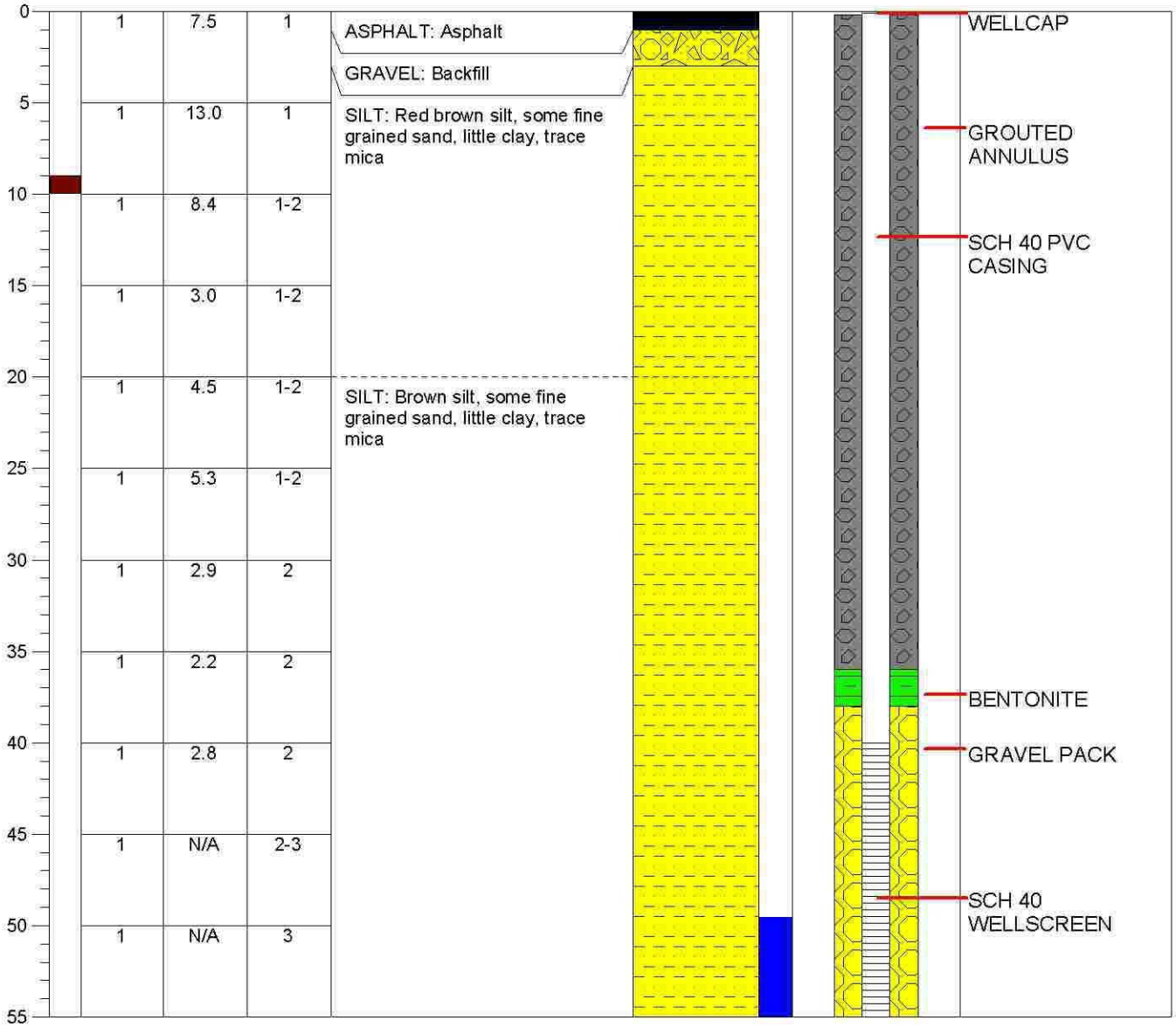
MONITORING WELL #: MW-21
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L.Ortman
START DATE: 6/1/09 FINISH DATE: 6/1/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Jerry Watkins (Cert # 1979)
DRILLING METHOD: Air

HOLE DIAMETER: 6"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 154.55
WATER LEVEL: 49.56 ft bgs
EASTING: 823.5594
NORTHING: 1252.3967
DEVELOPMENT: Pumping/Surging

Casing Interval 0-40 ft bgs | Bentonite Interval 36-38 ft bgs | Filter Interval 38-55 ft bgs
Screen Interval 40-55 ft bgs | Grout Interval 0-36 ft bgs | Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology	Water Level	Well Construction
0		1	7.5	1	ASPHALT: Asphalt GRAVEL: Backfill		WELLCAP
5		1	13.0	1	SILT: Red brown silt, some fine grained sand, little clay, trace mica		GROUTED ANNULUS
10		1	8.4	1-2			SCH 40 PVC CASING
15		1	3.0	1-2			
20		1	4.5	1-2	SILT: Brown silt, some fine grained sand, little clay, trace mica		
25		1	5.3	1-2			
30		1	2.9	2			
35		1	2.2	2			BENTONITE
40		1	2.8	2			GRAVEL PACK
45		1	N/A	2-3			
50		1	N/A	3			SCH 40 WELLSCREEN
55							



Total Depth = 55 ft bgs

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WELL LOG

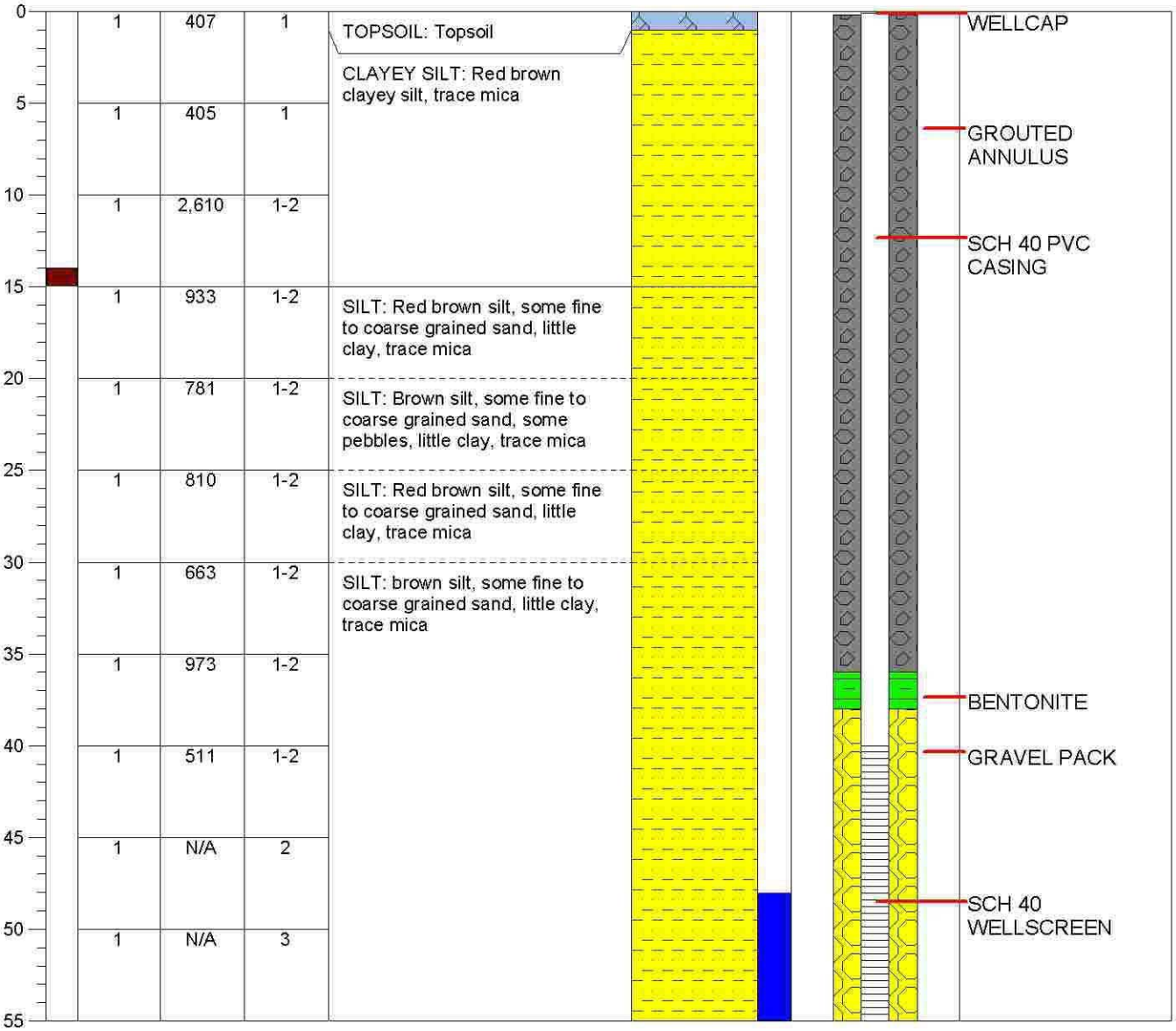
MONITORING WELL #: MW-22
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L.Ortman
START DATE: 6/5/09 FINISH DATE: 6/5/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Jerry Watkins (Cert # 1979)
DRILLING METHOD: Air

HOLE DIAMETER: 6"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 149.85
WATER LEVEL: 48.02 ft bgs
EASTING: 700.1014
NORTHING: 1338.2463
DEVELOPMENT: Pumping/Surging

Casing Interval 0-40 ft bgs | Bentonite Interval 36-38 ft bgs | Filter Interval 38-55 ft bgs
Screen Interval 40-55 ft bgs | Grout Interval 0-36 ft bgs | Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology	Water Level	Well Construction
0		1	407	1	TOPSOIL: Topsoil CLAYEY SILT: Red brown clayey silt, trace mica		WELLCAP
5		1	405	1			GROUTED ANNULUS
10		1	2,610	1-2			SCH 40 PVC CASING
15		1	933	1-2	SILT: Red brown silt, some fine to coarse grained sand, little clay, trace mica		
20		1	781	1-2	SILT: Brown silt, some fine to coarse grained sand, some pebbles, little clay, trace mica		
25		1	810	1-2	SILT: Red brown silt, some fine to coarse grained sand, little clay, trace mica		
30		1	663	1-2	SILT: brown silt, some fine to coarse grained sand, little clay, trace mica		
35		1	973	1-2			BENTONITE
40		1	511	1-2			GRAVEL PACK
45		1	N/A	2			
50		1	N/A	3			SCH 40 WELLSCREEN
55							



Total Depth = 55 ft bgs

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WELL LOG

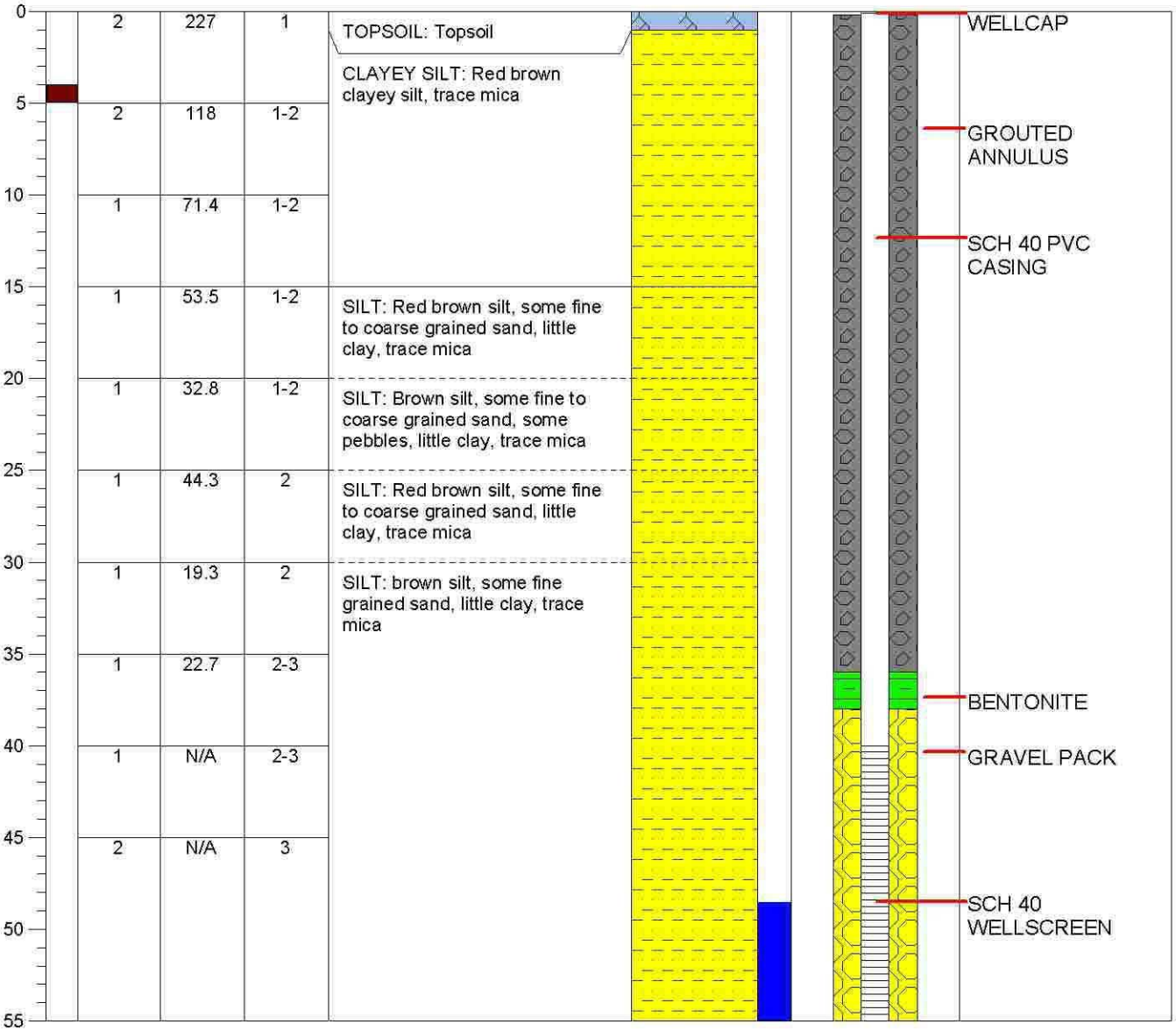
MONITORING WELL #: MW-23
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L.Ortman
START DATE: 6/17/09 FINISH DATE: 6/17/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Jerry Watkins (Cert # 1979)
DRILLING METHOD: Air

HOLE DIAMETER: 6"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 150.05
WATER LEVEL: 48.52 ft bgs
EASTING: 648.536
NORTHING: 1331.0635
DEVELOPMENT: Pumping/Surging

Casing Interval 0-40 ft bgs | Bentonite Interval 36-38 ft bgs | Filter Interval 38-55 ft bgs
Screen Interval 40-55 ft bgs | Grout Interval 0-36 ft bgs | Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology	Water Level	Well Construction
0		2	227	1	TOPSOIL: Topsoil CLAYEY SILT: Red brown clayey silt, trace mica		WELLCAP
5		2	118	1-2			GROUTED ANNULUS
10		1	71.4	1-2			SCH 40 PVC CASING
15		1	53.5	1-2	SILT: Red brown silt, some fine to coarse grained sand, little clay, trace mica		
20		1	32.8	1-2	SILT: Brown silt, some fine to coarse grained sand, some pebbles, little clay, trace mica		
25		1	44.3	2	SILT: Red brown silt, some fine to coarse grained sand, little clay, trace mica		
30		1	19.3	2	SILT: brown silt, some fine grained sand, little clay, trace mica		
35		1	22.7	2-3			BENTONITE
40		1	N/A	2-3			GRAVEL PACK
45		2	N/A	3			SCH 40 WELLSCREEN
50							
55							



Total Depth = 55 ft bgs

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WELL LOG

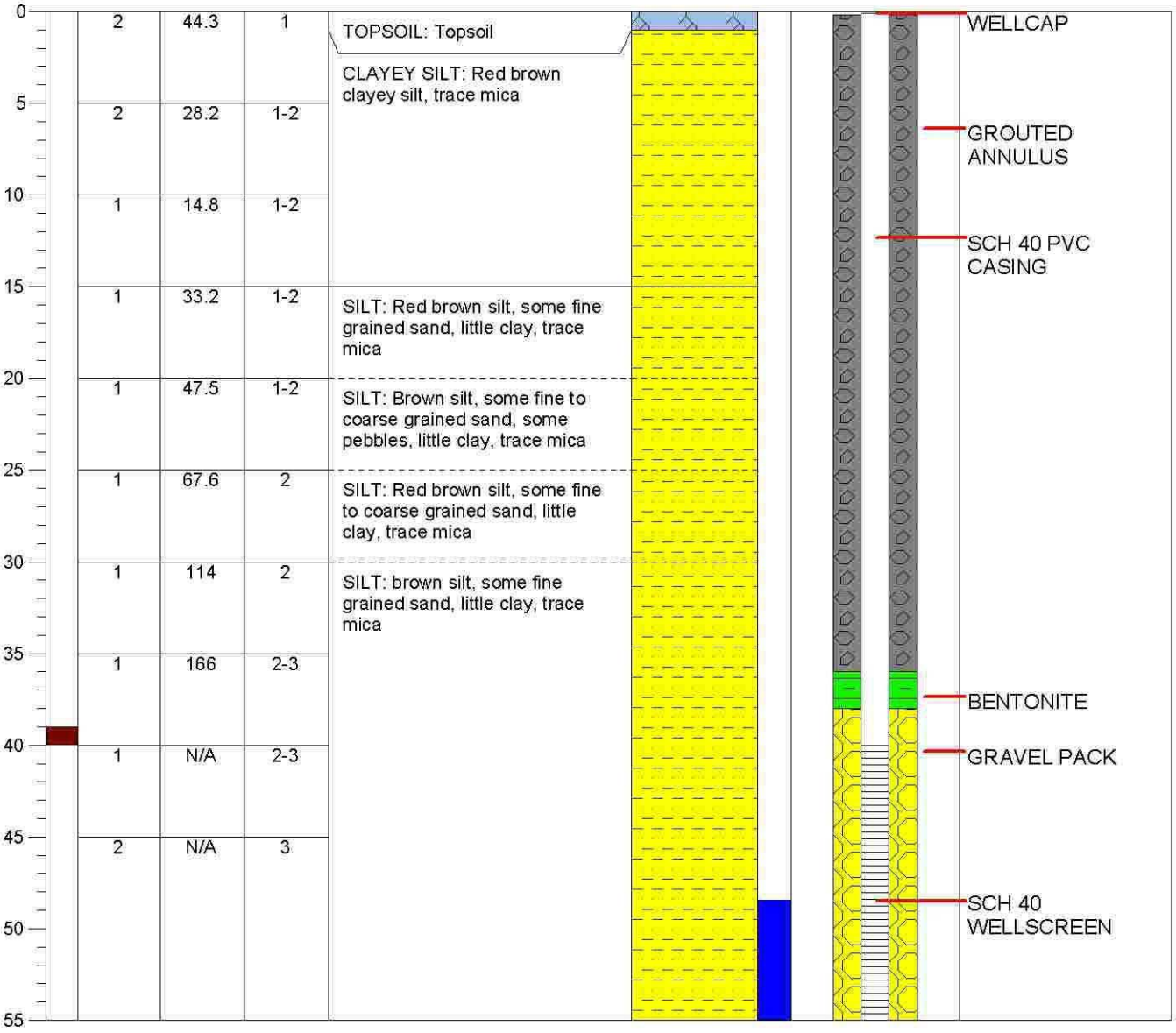
MONITORING WELL #: MW-24
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L.Ortman
START DATE: 6/17/09 FINISH DATE: 6/17/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Jerry Watkins (Cert # 1979)
DRILLING METHOD: Air

HOLE DIAMETER: 6"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 150.02
WATER LEVEL: 48.43 ft bgs
EASTING: 614.2216
NORTHING: 1315.8898
DEVELOPMENT: Pumping/Surging

Casing Interval 0-40 ft bgs | Bentonite Interval 36-38 ft bgs | Filter Interval 38-55 ft bgs
Screen Interval 40-55 ft bgs | Grout Interval 0-36 ft bgs | Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology	Water Level	Well Construction
0		2	44.3	1	TOPSOIL: Topsoil CLAYEY SILT: Red brown clayey silt, trace mica		WELLCAP
5		2	28.2	1-2			GROUTED ANNULUS
10		1	14.8	1-2			SCH 40 PVC CASING
15		1	33.2	1-2	SILT: Red brown silt, some fine grained sand, little clay, trace mica		
20		1	47.5	1-2	SILT: Brown silt, some fine to coarse grained sand, some pebbles, little clay, trace mica		
25		1	67.6	2	SILT: Red brown silt, some fine to coarse grained sand, little clay, trace mica		
30		1	114	2	SILT: brown silt, some fine grained sand, little clay, trace mica		
35		1	166	2-3			BENTONITE
40		1	N/A	2-3			GRAVEL PACK
45		2	N/A	3			SCH 40 WELLSCREEN
50							
55							



Total Depth = 55 ft bgs

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WELL LOG

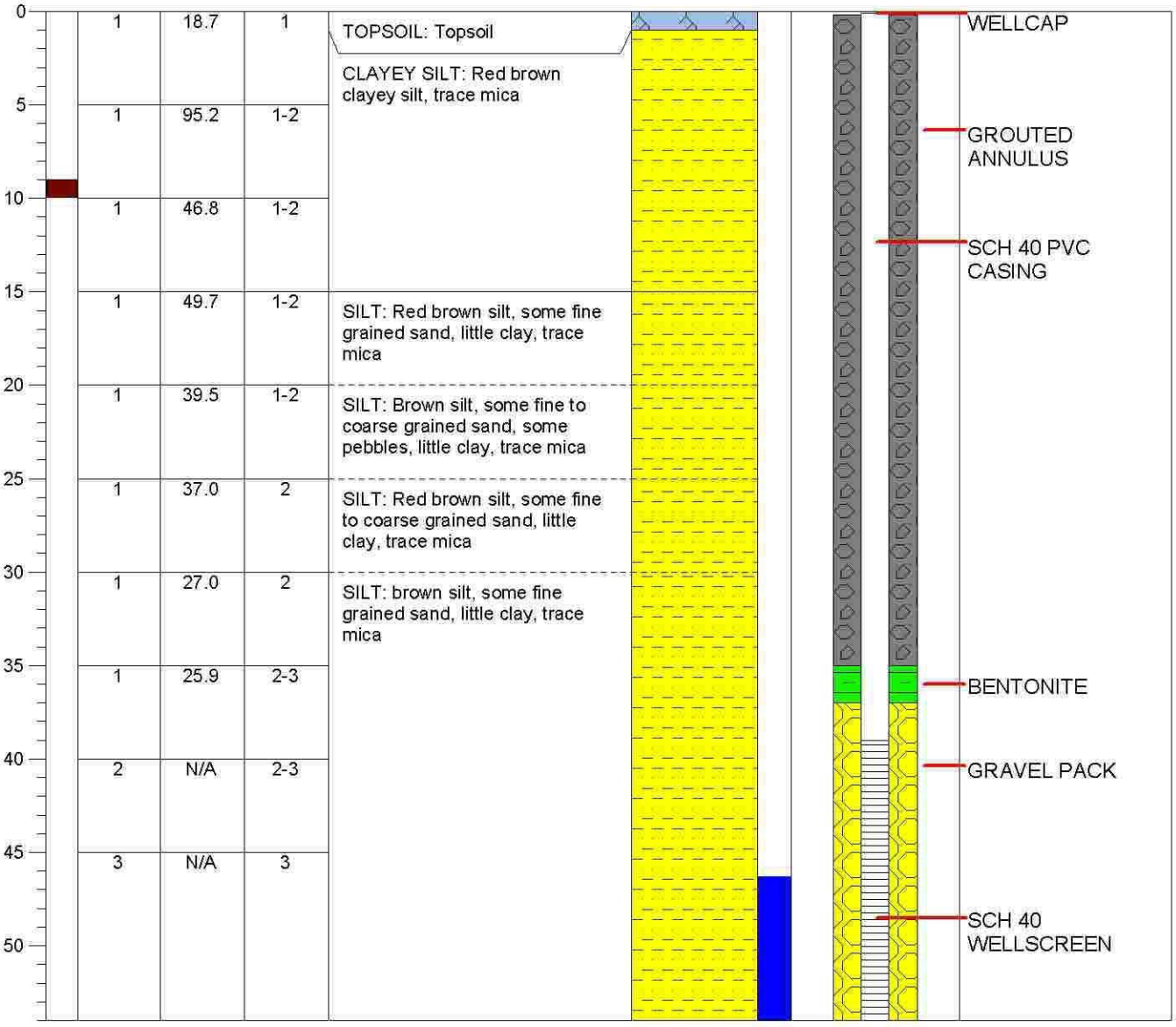
MONITORING WELL #: MW-25
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L.Ortman
START DATE: 6/17/09 FINISH DATE: 6/17/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Jerry Watkins (Cert # 1979)
DRILLING METHOD: Air

HOLE DIAMETER: 6"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 148.14
WATER LEVEL: 46.31 ft bgs
EASTING: 563.1808
NORTHING: 1290.4203
DEVELOPMENT: Pumping/Surging

Casing Interval 0-39 ft bgs | Bentonite Interval 35-37 ft bgs | Filter Interval 37-54 ft bgs
Screen Interval 39-54 ft bgs | Grout Interval 0-35 ft bgs | Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology (SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.)	Water Level	Well Construction
0		1	18.7	1	TOPSOIL: Topsoil CLAYEY SILT: Red brown clayey silt, trace mica		WELLCAP
5		1	95.2	1-2			GROUTED ANNULUS
10		1	46.8	1-2			SCH 40 PVC CASING
15		1	49.7	1-2	SILT: Red brown silt, some fine grained sand, little clay, trace mica		
20		1	39.5	1-2	SILT: Brown silt, some fine to coarse grained sand, some pebbles, little clay, trace mica		
25		1	37.0	2	SILT: Red brown silt, some fine to coarse grained sand, little clay, trace mica		
30		1	27.0	2	SILT: brown silt, some fine grained sand, little clay, trace mica		
35		1	25.9	2-3			BENTONITE
40		2	N/A	2-3			GRAVEL PACK
45		3	N/A	3			SCH 40 WELLSCREEN
50							



Total Depth = 54 ft bgs

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WELL LOG

MONITORING WELL #: MW-26
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L.Ortman
START DATE: 6/3/09 FINISH DATE: 6/3/09
DRILLING COMPANY: Geologic Exploration
DRILLER: James Hess (Cert #D1929)
DRILLING METHOD: Hollow Stem Auger

HOLE DIAMETER: 9"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 146.65
WATER LEVEL: 43.96 ft bgs
EASTING: 576.2771
NORTHING: 1237.7914
DEVELOPMENT: Pumping/Surging

Casing Interval 0-37 ft bgs | Bentonite Interval 33-35 ft bgs | Filter Interval 35-52 ft bgs
Screen Interval 37-52 ft bgs | Grout Interval 0-33ft bgs | Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology (SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.)	Water Level	Well Construction
0		1	2.3	1	TOPSOIL: Topsoil		WELLCAP
					CLAYEY SILT: Red brown clayey silt, trace mica		
5		1	12.8	1-2			GROUTED ANNULUS
					SILT: Brown silt, some fine grained sand, some clay, trace mica		
10		1	35.9	1-2			SCH 40 PVC CASING
15		1	24.4	1-2			
20		1	34.4	1-2			
25		2	67.8	1-2	CLAYEY SILT: Brown clayey silt, some pebbles, trace mica		
30		2	38.6	1-2	CLAYEY SILT: Gray brown clayey silt, trace mica		
35		2	15.1	2			BENTONITE
40		2	17.3	3			GRAVEL PACK
45		2	N/A	3			
50					WEATHERED ROCK: Partially weathered rock		SCH 40 WELLSCREEN

Total Depth = 52 ft bgs

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WELL LOG

MONITORING WELL #: MW-27
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L.Ortman
START DATE: 6/3/09 FINISH DATE: 6/3/09
DRILLING COMPANY: Geologic Exploration
DRILLER: James Hess (Cert #D1929)
DRILLING METHOD: Hollow Stem Auger

HOLE DIAMETER: 9"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 149.99
WATER LEVEL: 46.59 ft bgs
EASTING: 633.8656
NORTHING: 1260.9905
DEVELOPMENT: Pumping/Surging

Casing Interval 0-40 ft bgs | Bentonite Interval 36-38 ft bgs | Filter Interval 38-55 ft bgs
Screen Interval 40-55 ft bgs | Grout Interval 0-36 ft bgs | Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology	Water Level	Well Construction
0		1	39.4	1	TOPSOIL: Topsoil		WELLCAP
5		1	45.7	1-2	CLAYEY SILT: Red brown clayey silt, trace mica		GROUTED ANNULUS
10		1	28.2	1-2	SILT: Brown silt, some fine grained sand, some clay, trace mica		SCH 40 PVC CASING
15		1	63.8	1-2			
20		1	52.5	1-2			
25		2	169	1-2			
30		2	361	1-2			
35		2	554	2			BENTONITE
40		3	N/A	3			GRAVEL PACK
45					CLAYEY SILT: Brown clayey silt, trace mica		SCH 40 WELLSCREEN
50					CLAYEY SILT: Gray brown clayey silt, trace mica		
55							

Total Depth = 55 ft bgs

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WELL LOG

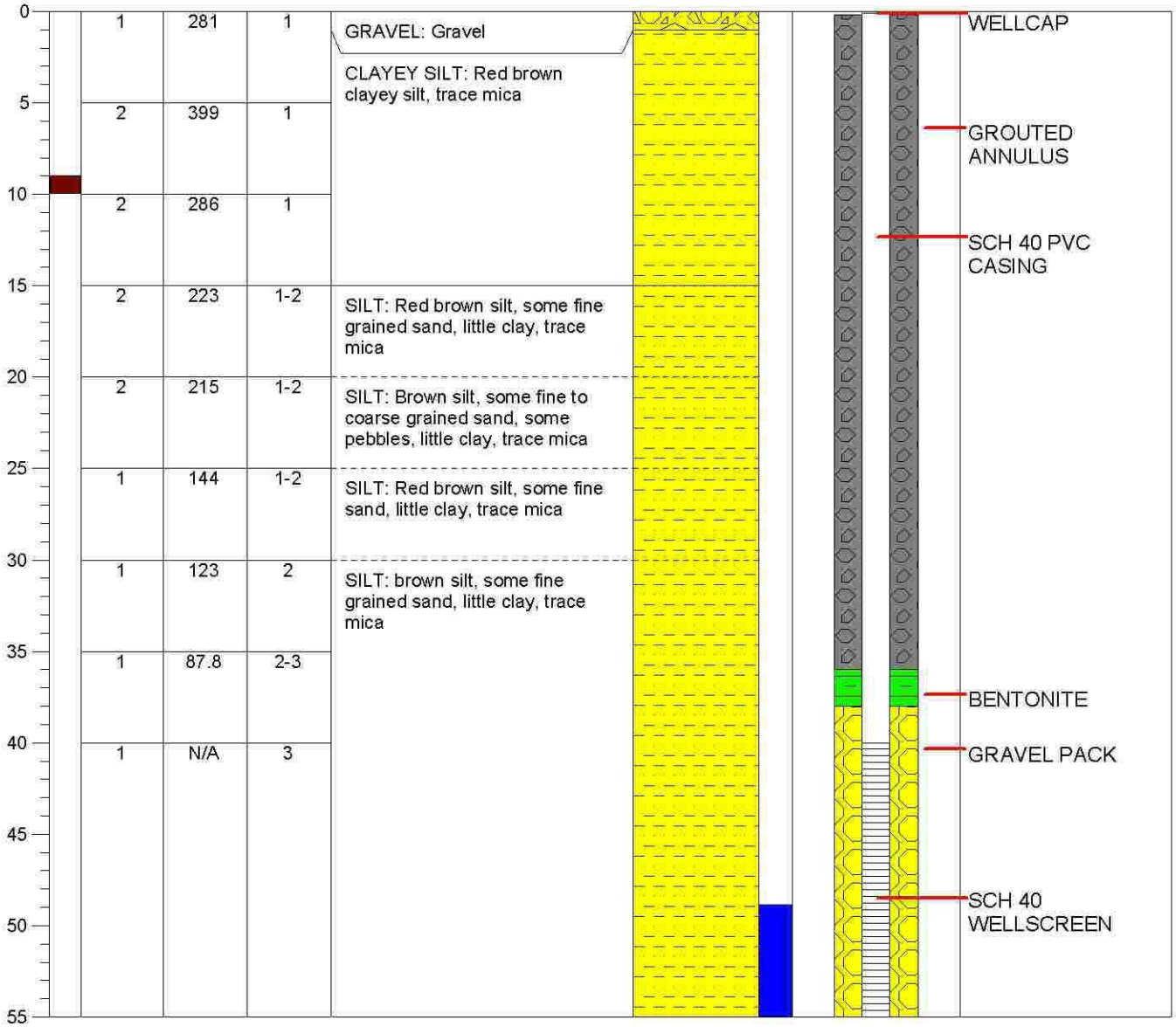
MONITORING WELL #: MW-28
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L.Ortman
START DATE: 6/17/09 FINISH DATE: 6/17/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Jerry Watkins (Cert # 1979)
DRILLING METHOD: Air

HOLE DIAMETER: 6"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 152.24
WATER LEVEL: 48.87 ft bgs
EASTING: 694.5135
NORTHING: 1293.3044
DEVELOPMENT: Pumping/Surging

Casing Interval 0-40 ft bgs | Bentonite Interval 36-38 ft bgs | Filter Interval 38-55 ft bgs
Screen Interval 40-55 ft bgs | Grout Interval 0-36 ft bgs | Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology	Water Level
0-5		1	281	1	GRAVEL: Gravel CLAYEY SILT: Red brown clayey silt, trace mica	
5-10		2	399	1		
10-15		2	286	1		
15-20		2	223	1-2	SILT: Red brown silt, some fine grained sand, little clay, trace mica	
20-25		2	215	1-2	SILT: Brown silt, some fine to coarse grained sand, some pebbles, little clay, trace mica	
25-30		1	144	1-2	SILT: Red brown silt, some fine sand, little clay, trace mica	
30-35		1	123	2	SILT: brown silt, some fine grained sand, little clay, trace mica	
35-40		1	87.8	2-3		
40-45		1	N/A	3		
45-50						
50-55						



Well Construction

Total Depth = 55 ft bgs

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WELL LOG

MONITORING WELL #: MW-29
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L.Ortman
START DATE: 6/2/09 FINISH DATE: 6/2/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Jerry Watkins (Cert # 1979)
DRILLING METHOD: Air

HOLE DIAMETER: 6"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 152.17
WATER LEVEL: 46.43 ft bgs
EASTING: 574.7768
NORTHING: 1189.8082
DEVELOPMENT: Pumping/Surging

Casing Interval 0-40 ft bgs | Bentonite Interval 36-38 ft bgs | Filter Interval 38-55 ft bgs
Screen Interval 40-55 ft bgs | Grout Interval 0-36 ft bgs | Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology	Water Level	Well Construction
0		1	238	1	TOPSOIL: Topsoil		WELLCAP
					CLAYEY SILT: Red brown clayey silt, trace mica		
5		3	1,742	1			GROUTED ANNULUS
10		3	919	1-2			
							SCH 40 PVC CASING
15		3	974	1-2	SILT: Red brown silt, some fine grained sand, little clay, trace mica		
20		3	939	1-2	SILT: Brown silt, some fine grained sand, little clay, trace mica		
25		3	136	1-2			
30		3	306	1-2			
35		3	565	1-2			BENTONITE
40		3	517	1-2			GRAVEL PACK
45		N/A	N/A	N/A	WEATHERED ROCK: Partially weathered rock		
					BEDROCK: Bedrock		SCH 40 WELLSCREEN
50							
55							

Total Depth = 55 ft bgs

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WELL LOG

MONITORING WELL #: MW-30
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L. Ortman
START DATE: 6/4/09 FINISH DATE: 6/4/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Jerry Watkins (Cert # 1979)
DRILLING METHOD: Air

HOLE DIAMETER: 6"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 151.23
WATER LEVEL: 40.72 ft bgs
EASTING: 574.6272
NORTHING: 1149.9616
DEVELOPMENT: Pumping/Surging

Casing Interval 0-45 ft bgs Bentonite Interval 41-43 ft bgs Filter Interval 43-60 ft bgs
Screen Interval 45-60 ft bgs Grout Interval 0-41 ft bgs Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology	Water Level	Well Construction
0		1	79.2	1	CONCRETE: Concrete		WELLCAP
5		1	45.1	1	CLAYEY SILT: Red-brown clayey silt, trace mica		
10		1	30.3	1	SILT: Red silt, some fine grained sand, little clay, trace mica		GROUTED ANNULUS
15		1	59.6	1-2	SILT: Red-brown silt, some fine grained sand, little clay, trace mica		
20		2	91.4	1-2			
25		2	118	1-2			SCH 40 PVC CASING
30		N/A	N/A	2	WEATHERED ROCK: Partially weathered rock		
		N/A	N/A	N/A	BEDROCK: Bedrock		
35							
40							BENTONITE
45							
50							GRAVEL PACK
55							SCH 40 WELLSCREEN
60							

Total Depth = 60 ft bgs

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WELL LOG

MONITORING WELL #: MW-31
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L.Ortman
START DATE: 6/10/09 FINISH DATE: 6/10/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Jerry Watkins (Cert # 1979)
DRILLING METHOD: Air

HOLE DIAMETER: 6"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 148.95
WATER LEVEL: 32.82 ft bgs
EASTING: 551.7006
NORTHING: 1004.3141
DEVELOPMENT: Pumping/Surging

Casing Interval 0-26 ft bgs | Bentonite Interval 22-24 ft bgs | Filter Interval 24-41 ft bgs
Screen Interval 26-41 ft bgs | Grout Interval 0-22 ft bgs | Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology (SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.)	Water Level	Well Construction
0		1	3.1	1	TOPSOIL: Topsoil CLAYEY SILT: Red brown clayey silt, trace mica		WELLCAP
5		1	3.8	1			GROUTED ANNULUS
10		1	2.4	1			SCH 40 PVC CASING
15		1	9.4	1	SILT: Brown silt, some fine to coarse grained sand, little clay, little pebbles, trace mica		
20		1	18.8	2	SILT: Gray brown silt, some fine to coarse grained sand, some pebbles, trace mica		BENTONITE
25		1	10.1	2	SILT: Gray silt, some fine to coarse grained sand, some pebbles, trace mica WEATHERED ROCK: Partially weathered rock		GRAVEL PACK
30		N/A	N/A	N/A			
35					BEDROCK: Bedrock		SCH 40 WELLSCREEN
40							

Total Depth = 41 ft bgs

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WELL LOG

MONITORING WELL #: MW-32
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L.Ortman
START DATE: 6/10/09 FINISH DATE: 6/10/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Jerry Watkins (Cert # 1979)
DRILLING METHOD: Air

HOLE DIAMETER: 6"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 150.06
WATER LEVEL: 34.86 ft bgs
EASTING: 588.6298
NORTHING: 1003.0456
DEVELOPMENT: Pumping/Surging

Casing Interval 0-30 ft bgs | Bentonite Interval 26-28 ft bgs | Filter Interval 28-45 ft bgs
Screen Interval 30-45 ft bgs | Grout Interval 0-26 ft bgs | Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology (SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.)	Water Level	Well Construction
0		1	27.8	1	TOPSOIL: Topsoil CLAYEY SILT: Red brown clayey silt, trace mica		WELLCAP
5		1	12.6	1			GROUTED ANNULUS
10		1	59.6	1			SCH 40 PVC CASING
15		1	78.7	1	SILT: Brown silt, little clay, some fine to coarse grained sand, little pebbles, trace mica		
20		1	47.1	2	SILT: Gray brown silt, some fine to coarse grained sand, some pebbles, trace mica		
25		1	20.3	2			BENTONITE
30		1	36.6	2	SILT: Gray silt, some fine to coarse grained sand, some pebbles, trace mica		GRAVEL PACK
35		N/A	N/A	N/A	WEATHERED ROCK: Partially weathered rock		SCH 40 WELLSCREEN
40					BEDROCK: Bedrock		
45							

Total Depth = 45 ft bgs

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WELL LOG

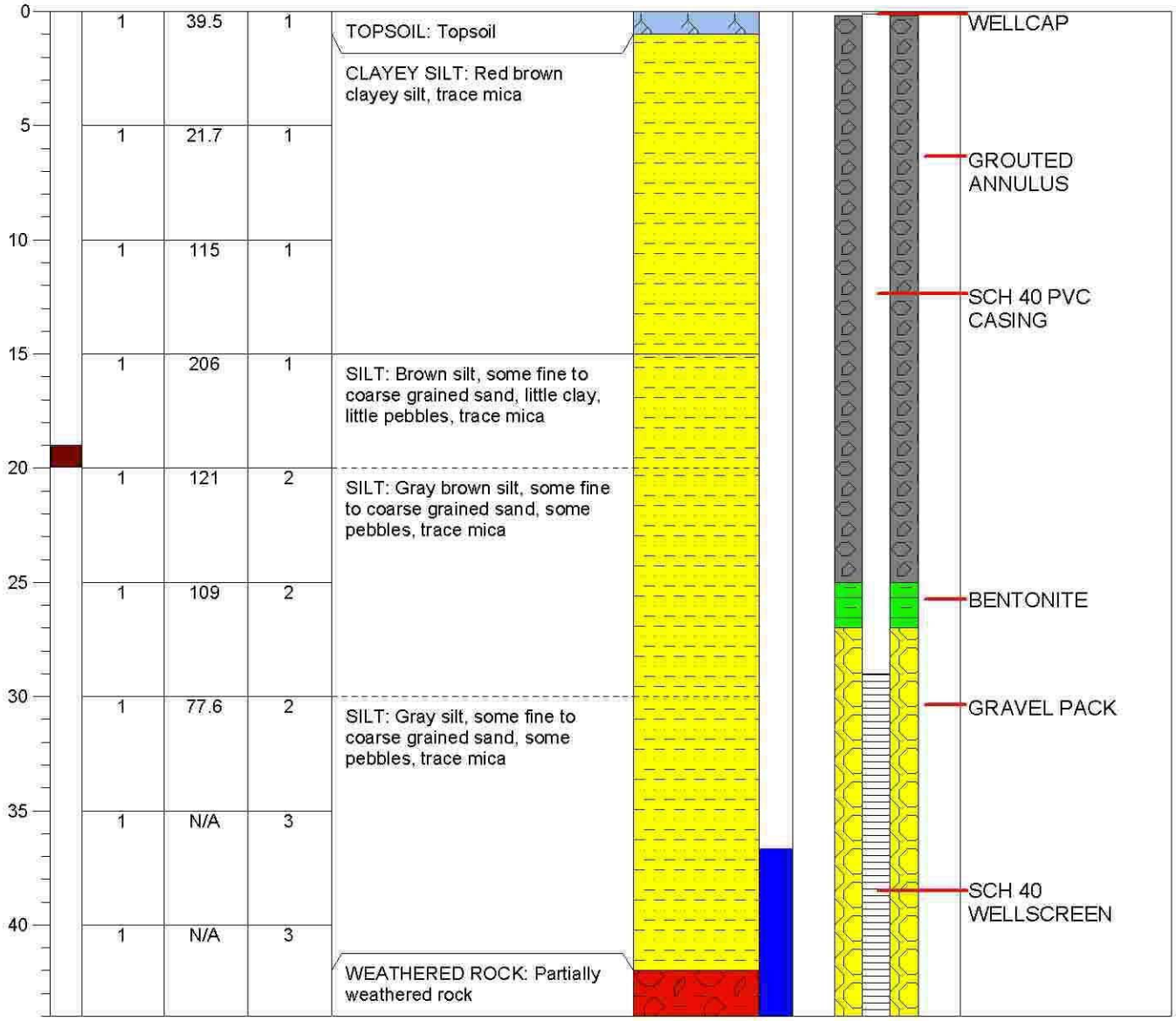
MONITORING WELL #: MW-33
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L.Ortman
START DATE: 6/10/09 FINISH DATE: 6/10/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Jerry Watkins (Cert # 1979)
DRILLING METHOD: Air

HOLE DIAMETER: 6"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 151.57
WATER LEVEL: 36.67 ft bgs
EASTING: 623.2069
NORTHING: 1001.2328
DEVELOPMENT: Pumping/Surging

Casing Interval 0-29 ft bgs | Bentonite Interval 25-27 ft bgs | Filter Interval 27-44 ft bgs
Screen Interval 29-44 ft bgs | Grout Interval 0-25 ft bgs | Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology (SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.)	Water Level	Well Construction
0		1	39.5	1	TOPSOIL: Topsoil CLAYEY SILT: Red brown clayey silt, trace mica		WELLCAP
5		1	21.7	1			GROUTED ANNULUS
10		1	115	1			SCH 40 PVC CASING
15		1	206	1	SILT: Brown silt, some fine to coarse grained sand, little clay, little pebbles, trace mica		
20		1	121	2	SILT: Gray brown silt, some fine to coarse grained sand, some pebbles, trace mica		
25		1	109	2			BENTONITE
30		1	77.6	2	SILT: Gray silt, some fine to coarse grained sand, some pebbles, trace mica		GRAVEL PACK
35		1	N/A	3			SCH 40 WELLSCREEN
40		1	N/A	3	WEATHERED ROCK: Partially weathered rock		



Total Depth = 44 ft bgs

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WELL LOG

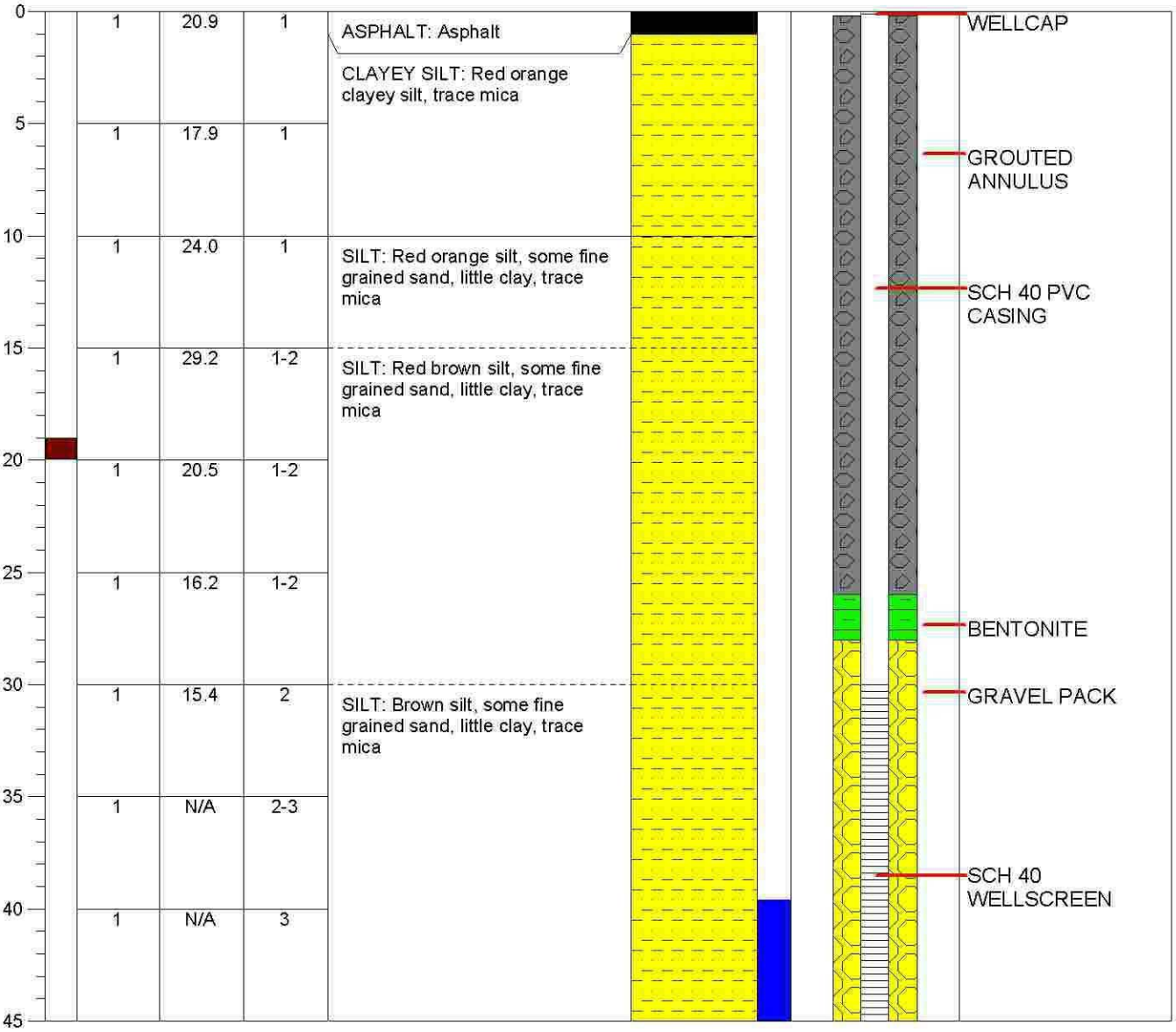
MONITORING WELL #: MW-34
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L.Ortman
START DATE: 6/8/09 FINISH DATE: 6/8/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Jerry Watkins (Cert # 1979)
DRILLING METHOD: Air

HOLE DIAMETER: 6"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 153.7
WATER LEVEL: 39.61 ft bgs
EASTING: 689.1867
NORTHING: 997.1738
DEVELOPMENT: Pumping/Surging

Casing Interval 0-30 ft bgs Bentonite Interval 26-28 ft bgs Filter Interval 28-45 ft bgs
Screen Interval 30-45 ft bgs Grout Interval 0-26 ft bgs Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology	Water Level
0		1	20.9	1	ASPHALT: Asphalt	
					CLAYEY SILT: Red orange clayey silt, trace mica	
5		1	17.9	1		
10		1	24.0	1	SILT: Red orange silt, some fine grained sand, little clay, trace mica	
15		1	29.2	1-2	SILT: Red brown silt, some fine grained sand, little clay, trace mica	
20		1	20.5	1-2		
25		1	16.2	1-2		
30		1	15.4	2	SILT: Brown silt, some fine grained sand, little clay, trace mica	
35		1	N/A	2-3		
40		1	N/A	3		
45						



Well Construction

Total Depth = 45 ft bgs

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WELL LOG

MONITORING WELL #: MW-35
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L.Ortman
START DATE: 6/8/09 FINISH DATE: 6/8/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Jerry Watkins (Cert # 1979)
DRILLING METHOD: Air

HOLE DIAMETER: 6"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 154.52
WATER LEVEL: 40.48 ft bgs
EASTING: 724.1784
NORTHING: 996.5999
DEVELOPMENT: Pumping/Surging

Casing Interval 0-31 ft bgs | Bentonite Interval 27-29 ft bgs | Filter Interval 29-46 ft bgs
Screen Interval 31-46 ft bgs | Grout Interval 0-27 ft bgs | Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology	Water Level	Well Construction
0		1	76.9	1	ASPHALT: Asphalt CLAYEY SILT: Red orange clayey silt, trace mica		WELLCAP
5		1	94.3	1			GROUTED ANNULUS
10		1	59.3	1	SILT: Red orange silt, some fine grained sand, little clay, trace mica		SCH 40 PVC CASING
15		1	32.7	1	SILT: Red brown silt, some fine grained sand,little clay, trace mica		
20		1	117	1-2			
25		1	72.3	1-2			BENTONITE
30		1	66.6	1-2	SILT: Brown silt, some fine grained sand, little clay, trace mica		GRAVEL PACK
35		1	N/A	2-3			
40		1	N/A	2-3			SCH 40 WELLSCREEN
45		1	N/A	3			

Total Depth = 46 ft bgs

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WELL LOG

MONITORING WELL #: MW-36
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L.Ortman
START DATE: 6/16/09 FINISH DATE: 6/16/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Jerry Watkins (Cert # 1979)
DRILLING METHOD: Air

HOLE DIAMETER: 6"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 156.04
WATER LEVEL: 40.42 ft bgs
EASTING: 715.7587
NORTHING: 920.5258
DEVELOPMENT: Pumping/Surging

Casing Interval 0-31 ft bgs | Bentonite Interval 27-29 ft bgs | Filter Interval 29-46 ft bgs
Screen Interval 31-46 ft bgs | Grout Interval 0-27 ft bgs | Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology (SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.)	Water Level	Well Construction
0		1	0.2	1	GRAVEL: Gravel CLAYEY SILT: Red orange clayey silt, trace mica		WELLCAP
5		1	0.0	1			GROUTED ANNULUS
10		1	82.7	1-2	SILT: Red orange silt, some fine grained sand, little clay, trace mica		SCH 40 PVC CASING
15		1	93.8	1-2	SILT: Red brown silt, some fine grained sand, little clay, trace mica		
20		1	79.9	2			
25		1	113	2			BENTONITE
30		1	N/A	2-3	SILT: Brown silt, some fine grained sand, little clay, trace mica		GRAVEL PACK
35		1	N/A	3			
40							SCH 40 WELLSCREEN
45							

Total Depth = 46 ft bgs

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WELL LOG

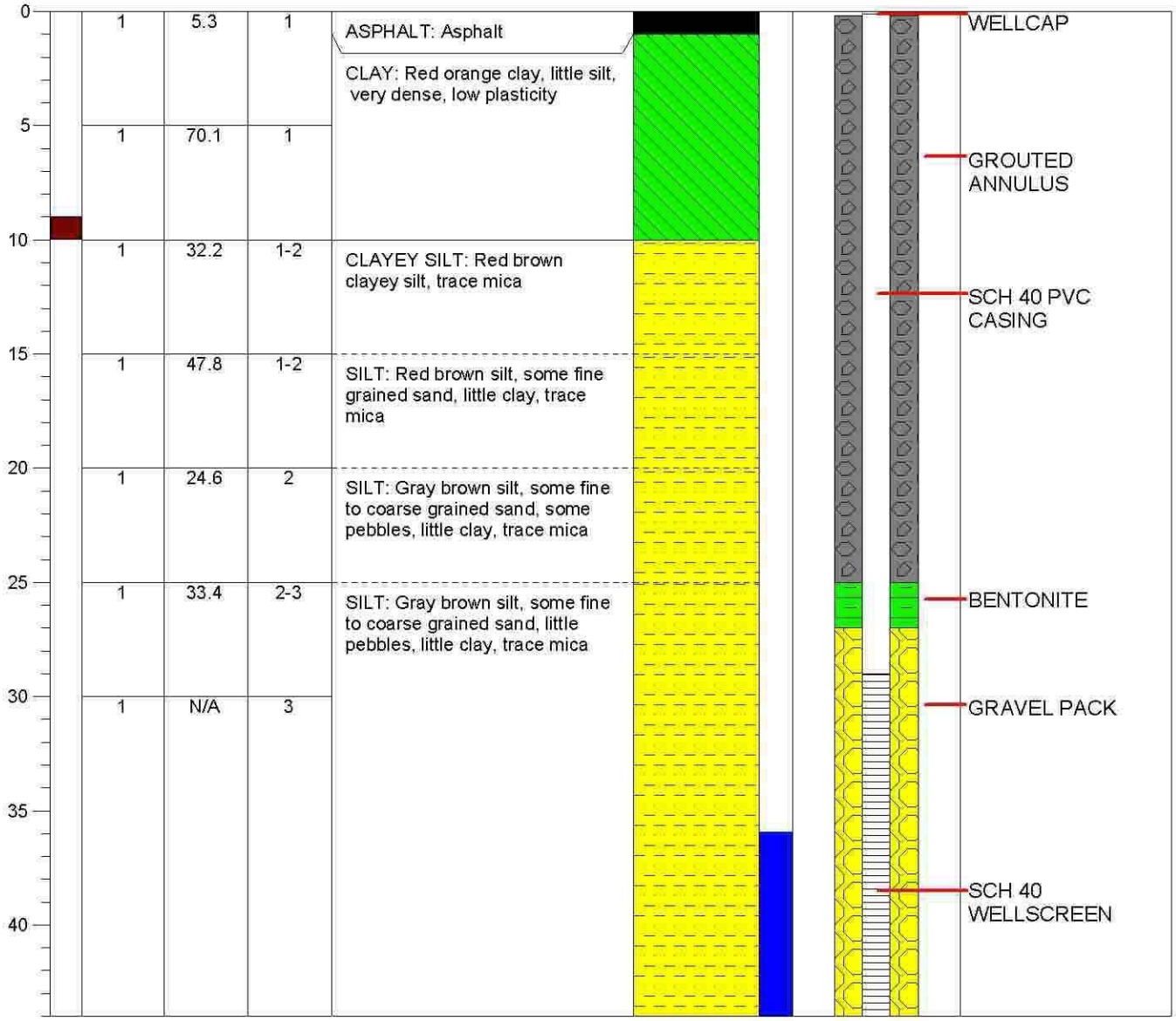
MONITORING WELL #: MW-37
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L.Ortman
START DATE: 6/16/09 FINISH DATE: 6/16/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Jerry Watkins (Cert # 1979)
DRILLING METHOD: Air

HOLE DIAMETER: 6"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 151.73
WATER LEVEL: 35.92 ft bgs
EASTING: 629.0631
NORTHING: 917.9847
DEVELOPMENT: Pumping/Surging

Casing Interval 0-29 ft bgs Bentonite Interval 25-27 ft bgs Filter Interval 27-44 ft bgs
Screen Interval 29-44 ft bgs Grout Interval 0-25 ft bgs Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology	Water Level	Well Construction
0		1	5.3	1	ASPHALT: Asphalt		WELLCAP
					CLAY: Red orange clay, little silt, very dense, low plasticity		
5		1	70.1	1			GROUTED ANNULUS
10		1	32.2	1-2	CLAYEY SILT: Red brown clayey silt, trace mica		SCH 40 PVC CASING
15		1	47.8	1-2	SILT: Red brown silt, some fine grained sand, little clay, trace mica		
20		1	24.6	2	SILT: Gray brown silt, some fine to coarse grained sand, some pebbles, little clay, trace mica		
25		1	33.4	2-3	SILT: Gray brown silt, some fine to coarse grained sand, little pebbles, little clay, trace mica		BENTONITE
30		1	N/A	3			GRAVEL PACK
35							SCH 40 WELLSCREEN
40							



Total Depth = 44 ft bgs

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WELL LOG

MONITORING WELL #: MW-38
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L.Ortman
START DATE: 6/4/09 FINISH DATE: 6/4/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Jerry Watkins (Cert # 1979)
DRILLING METHOD: Air

HOLE DIAMETER: 6"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 150.63
WATER LEVEL: 34.61 ft bgs
EASTING: 588.8711
NORTHING: 923.0801
DEVELOPMENT: Pumping/Surging

Casing Interval 0-32 ft bgs | Bentonite Interval 28-30 ft bgs | Filter Interval 30-47 ft bgs
Screen Interval 32-47 ft bgs | Grout Interval 0-28 ft bgs | Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology (SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.)	Water Level	Well Construction
0		1	10.7	1	ASPHALT: Asphalt		WELLCAP
					CLAY: Red orange clay, little silt, very dense, low plasticity		
5		1	274	1			GROUTED ANNULUS
10		1	129	1-2	CLAYEY SILT: Red brown clayey silt, trace mica		SCH 40 PVC CASING
15		1	300	1-2	SILT: Red brown silt, some fine grained sand, little clay, trace mica		
20		1	202	1-2	SILT: Gray brown silt, some fine to coarse grained sand, some pebbles, little clay, trace mica		
25		1	246	2	SILT: Gray brown silt, some fine to coarse grained sand, little pebbles, little clay, trace mica		BENTONITE
30		1	178	2			GRAVEL PACK
35		1	N/A	2-3			
40		1	N/A	3	WEATHERED ROCK: Partially weathered rock		SCH 40 WELLSCREEN
45		N/A	N/A	N/A	BEDROCK: Bedrock		

Total Depth = 47 ft bgs

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WELL LOG

MONITORING WELL #: DW-5
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L. Ortman
START DATE: 6/2/09 FINISH DATE: 6/5/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Jerry Watkins (Cert # 1979)
DRILLING METHOD: Air

HOLE DIAMETER: 5 7/8"
CASING DIAMETER: 2"/6"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 150.19
WATER LEVEL: 45.55 ft bgs
EASTING: 703.8942
NORTHING: 1342.4176
DEVELOPMENT: Pumping/Surging

Casing Interval 0-75 ft bgs Bentonite Interval 70-73 ft bgs Filter Interval 73-80 ft bgs
Screen Interval 75-80 ft bgs Grout Interval 0-70 ft bgs Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology	Water Level	Well Construction
0		1	5.7	1	TOPSOIL: Topsoil		WELLCAP
5		1	7.2	1	CLAYEY SILT: Red brown clayey silt, trace mica		
10		1	3.9	1			
15		1	4.6	1-2	SILT: Red brown silt, some fine grained sand, little clay, trace mica		GROUTED ANNULUS
20		1	4.5	1-2	SILT: Brown silt, some fine to coarse grained sand, some pebbles, little clay, trace mica		
25		1	7.2	1-2			SCH 40 PVC CASING
30		1	8.3	1-2	SILT: Red brown silt, some fine to coarse grained sand, some pebbles, little clay, trace mica		
35		1	36.7	1-2	SILT: Brown silt, some fine grained sand, little clay, trace mica		
40		1	13.8	1-2			SCH 40 PVC OUTER CASING
45		1	4.4	2			
50		1	N/A	3			
55							
60					SILT: Dark brown silt, some fine grained sand, little clay, trace mica		
65		1	N/A	3	WEATHERED ROCK: Partially weathered rock		BENTONITE
70		N/A	N/A	N/A	BEDROCK: Bedrock		GRAVEL PACK
75							SCH 40 WELLSCREEN
80							

Total Depth = 80 ft bgs

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WELL LOG

MONITORING WELL #: DW-6
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L. Ortman
START DATE: 6/8/09 FINISH DATE: 6/15/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Jerry Watkins (Cert # 1979)
DRILLING METHOD: Air

HOLE DIAMETER: 5 7/8"
CASING DIAMETER: 2"/6"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 153.57
WATER LEVEL: 63.39 ft bgs
EASTING: 684.914
NORTHING: 1205.7997
DEVELOPMENT: Pumping/Surging

Casing Interval 0-115 ft bgs | Bentonite Interval 111-113 ft bgs | Filter Interval 113-130 ft bgs
Screen Interval 115-130 ft bgs | Grout Interval 0-111 ft bgs | Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology (SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.)	Water Level	Well Construction
0-5		1	211	1	TOPSOIL: Topsoil		WELLCAP
5-10		1	165	1-2	CLAYEY SILT: Red brown clayey silt, trace mica		
10-15		1	387	1-2			
15-20		1	293	1-2	CLAYEY SILT: Dark brown clayey silt, trace mica		GROUTED ANNULUS
20-25		1	263	1-2			
25-30		2	600	1-2	SILT: Brown silt, some fine grained sand, little clay, trace mica		
30-35		1	354	1-2			SCH 40 PVC CASING
35-40		1	248	1-2			
40-45		1	N/A	2	SILT: Brown silt, some fine grained sand and pebbles, little clay, trace mica		
45-50		N/A	N/A	N/A			SCH 40 PVC OUTER CASING
50-55					WEATHERED ROCK: Partially weathered rock		
55-60							
60-65					BEDROCK: Bedrock		
65-70							
70-75							
75-80							
80-85							
85-90							
90-95							
95-100							
100-105							
105-110							BENTONITE
110-115							GRAVEL PACK
115-120							
120-125							SCH 40 WELLSCREEN
125-130							

Total Depth = 130 ft bgs

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WELL LOG

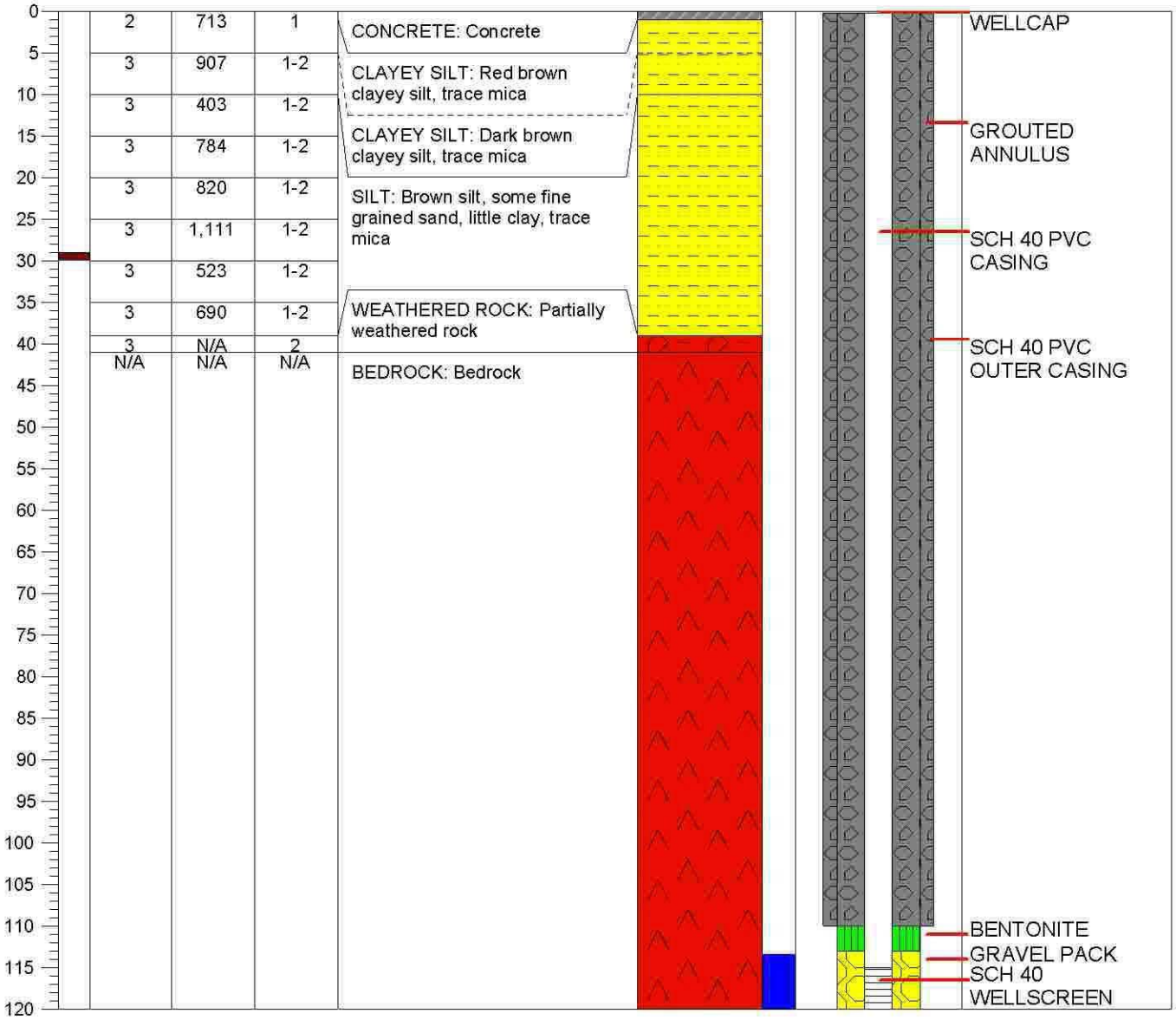
MONITORING WELL #: DW-7
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L. Ortman
START DATE: 6/3/09 FINISH DATE: 6/15/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Jerry Watkins (Cert # 1979)
DRILLING METHOD: Air

HOLE DIAMETER: 5 7/8"
CASING DIAMETER: 2"/6"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 151.97
WATER LEVEL: 113.41 ft bgs
EASTING: 671.9926
NORTHING: 1147.7926
DEVELOPMENT: Pumping/Surging

Casing Interval 0-115 ft bgs Bentonite Interval 110-113 ft bgs Filter Interval 113-120 ft bgs
Screen Interval 115-120 ft bgs Grout Interval 0-110 ft bgs Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology	Water Level	Well Construction
0		2	713	1	CONCRETE: Concrete		WELLCAP
5		3	907	1-2	CLAYEY SILT: Red brown clayey silt, trace mica		
10		3	403	1-2			
15		3	784	1-2	CLAYEY SILT: Dark brown clayey silt, trace mica		GROUTED ANNULUS
20		3	820	1-2	SILT: Brown silt, some fine grained sand, little clay, trace mica		
25		3	1,111	1-2			
30		3	523	1-2			SCH 40 PVC CASING
35		3	690	1-2	WEATHERED ROCK: Partially weathered rock		
40		3	N/A	2			SCH 40 PVC OUTER CASING
45		N/A	N/A	N/A	BEDROCK: Bedrock		
50							
55							
60							
65							
70							
75							
80							
85							
90							
95							
100							
105							
110							BENTONITE
115							GRAVEL PACK
120							SCH 40 WELLSCREEN



Total Depth = 120 ft bgs

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WELL LOG

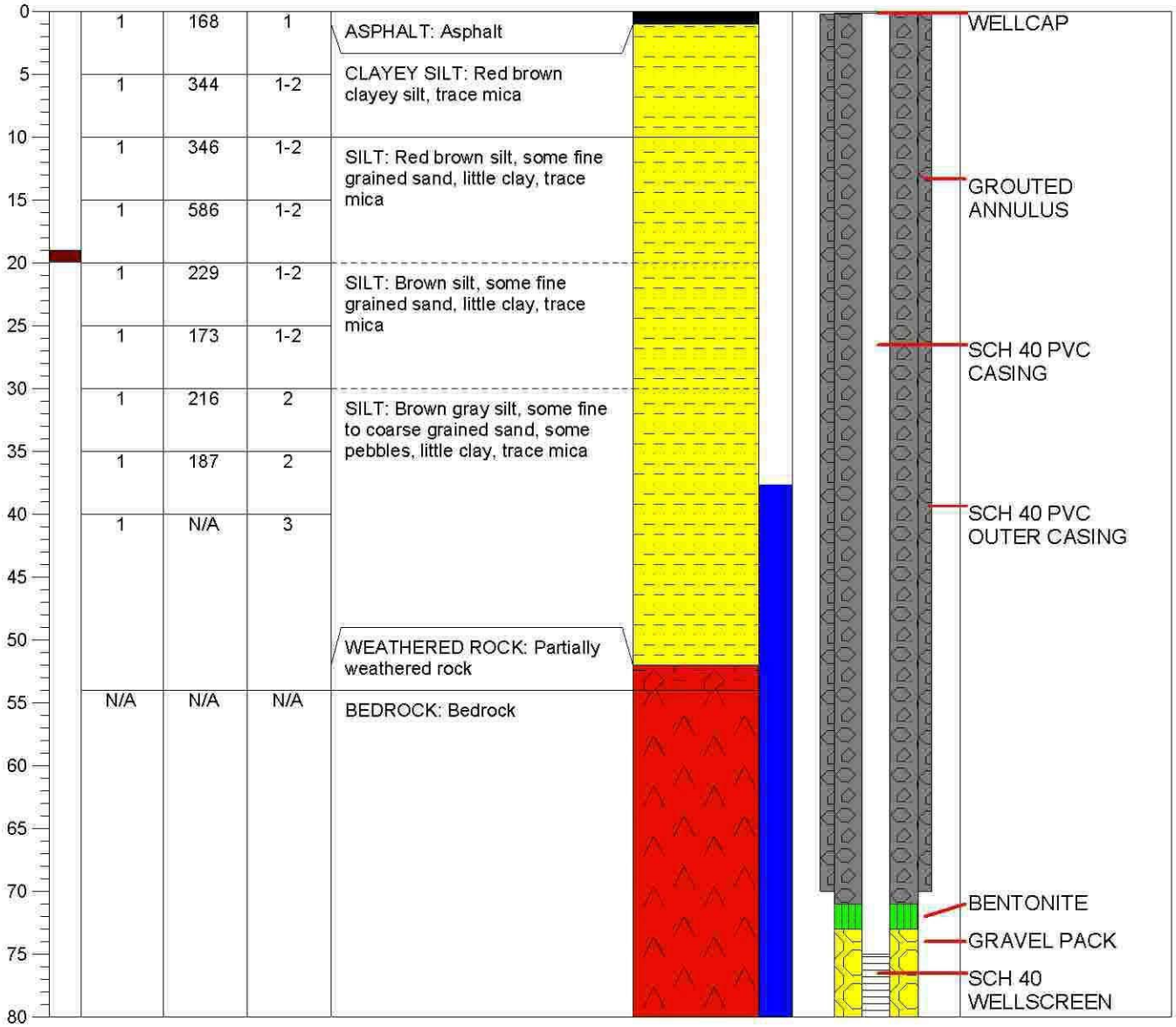
MONITORING WELL #: DW-9
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L. Ortman
START DATE: 6/4/09 FINISH DATE: 6/16/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Jerry Watkins (Cert # 1979)
DRILLING METHOD: Air

HOLE DIAMETER: 5 7/8"
CASING DIAMETER: 2"/6"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 151.96
WATER LEVEL: 37.64 ft bgs
EASTING: 630.2075
NORTHING: 922.6511
DEVELOPMENT: Pumping/Surging

Casing Interval 0-75 ft bgs Bentonite Interval 71-73 ft bgs Filter Interval 73-80 ft bgs
Screen Interval 75-80 ft bgs Grout Interval 0-71 ft bgs Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology	Water Level	Well Construction
0		1	168	1	ASPHALT: Asphalt		WELLCAP
5		1	344	1-2	CLAYEY SILT: Red brown clayey silt, trace mica		
10		1	346	1-2	SILT: Red brown silt, some fine grained sand, little clay, trace mica		GROUTED ANNULUS
15		1	586	1-2			
20		1	229	1-2	SILT: Brown silt, some fine grained sand, little clay, trace mica		
25		1	173	1-2			SCH 40 PVC CASING
30		1	216	2	SILT: Brown gray silt, some fine to coarse grained sand, some pebbles, little clay, trace mica		
35		1	187	2			
40		1	N/A	3			SCH 40 PVC OUTER CASING
45							
50					WEATHERED ROCK: Partially weathered rock		
55		N/A	N/A	N/A	BEDROCK: Bedrock		
60							
65							
70							BENTONITE
75							GRAVEL PACK
80							SCH 40 WELLSCREEN



Total Depth = 80 ft bgs

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WELL LOG

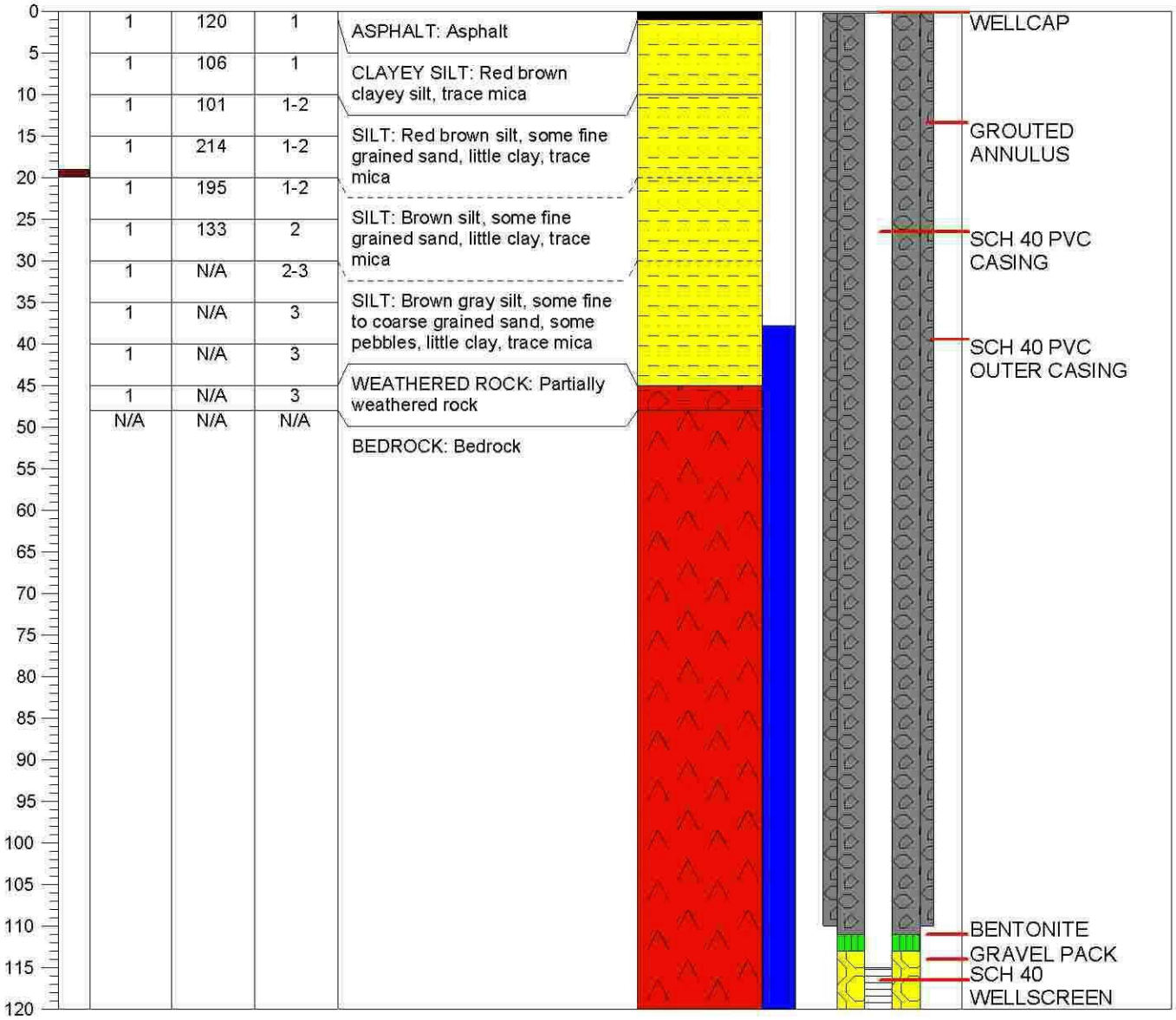
MONITORING WELL #: DW-10
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L. Ortman
START DATE: 6/9/09 FINISH DATE: 6/16/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Jerry Watkins (Cert # 1979)
DRILLING METHOD: Air

HOLE DIAMETER: 5 7/8"
CASING DIAMETER: 2"/6"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 151.77
WATER LEVEL: 37.84 ft bgs
EASTING: 625.2021
NORTHING: 922.6146
DEVELOPMENT: Pumping/Surging

Casing Interval 0-115 ft bgs | Bentonite Interval 111-113 ft bgs | Filter Interval 113-120 ft bgs
Screen Interval 115-120 ft bgs | Grout Interval 0-111 ft bgs | Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology (SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.)	Water Level
0-5		1	120	1	ASPHALT: Asphalt	
5-10		1	106	1	CLAYEY SILT: Red brown clayey silt, trace mica	
10-15		1	101	1-2		
15-20		1	214	1-2	SILT: Red brown silt, some fine grained sand, little clay, trace mica	
20-25		1	195	1-2		
25-30		1	133	2	SILT: Brown silt, some fine grained sand, little clay, trace mica	
30-35		1	N/A	2-3		
35-40		1	N/A	3	SILT: Brown gray silt, some fine to coarse grained sand, some pebbles, little clay, trace mica	
40-45		1	N/A	3		
45-50		1	N/A	3	WEATHERED ROCK: Partially weathered rock	
50-55		N/A	N/A	N/A	BEDROCK: Bedrock	



Total Depth = 120 ft bgs

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WELL LOG

MONITORING WELL #: DW-4A
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L. Ortman
START DATE: 6/1/09 FINISH DATE: 6/18/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Jerry Watkins (Cert # 1979)
DRILLING METHOD: Air

HOLE DIAMETER: 5 7/8"
CASING DIAMETER: 6"
SCREEN DIAMETER: N/A
TOP OF CASING ELEVATION: 0
WATER LEVEL: N/A
EASTING: 698.6234
NORTHING: 1343.6956
DEVELOPMENT: N/A

Casing Interval 0-110 ft bgs Bentonite Interval N/A Filter Interval N/A
Screen Interval N/A Grout Interval 0-175 ft bgs Filter Material N/A

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology	Water Level
0						
5		1	78.6	1	TOPSOIL: Topsoil	
10		1	39.7	1		
15		1	12.9	1	CLAYEY SILT: Red brown clayey silt, trace mica	
20		1	23.9	1-2		
25		1	30.0	1-2	SILT: Red brown silt, little clay, trace mica	
30		1	32.5	1-2		
35		1	59.1	1-2	SILT: Brown silt, some pebbles, little clay, trace mica	
40		1	122	1-2		
45		1	37.5	2	SILT: Red brown silt, some pebbles, little clay, trace mica	
50		1	80.0	2		
55		1	51.5	2	SILT: Brown silt, little pebbles, little clay, trace mica	
60		1	N/A	3		
65		1	N/A	3	SILT: Brown silt, little clay, trace mica	
70		N/A	N/A	N/A	WEATHERED ROCK: Partially weathered rock	
75						
80					BEDROCK: Bedrock	
85						
90						
95						
100						
105						
110						
115						
120						
125						
130						
135						
140						
145						
150						
155						
160						
165						
170						
175						

Well Construction

ABANDONED - PORTLAND NEAT CEMENT FROM END OF BORING TO GROUND SURFACE (0'-175')

SCH 40 PVC OUTER CASING (0'-110')

Total Depth = 175 ft bgs

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WELL LOG

MONITORING WELL #: DW-8A
TERRY PROJECT: Former Li'l Cricket #339
PROJECT LOCATION: Seneca, SC

TERRY PROJECT #: 2170D
SCDHEC SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: L. Ortman
START DATE: 6/2/09 FINISH DATE: 6/18/09
DRILLING COMPANY: Geologic Exploration
DRILLER: Jerry Watkins (Cert # 1979)
DRILLING METHOD: Air

HOLE DIAMETER: 5 7/8"
CASING DIAMETER: 6"
SCREEN DIAMETER: N/A
TOP OF CASING ELEVATION: 0
WATER LEVEL: N/A
EASTING: 663.2573
NORTHING: 1111.4981
DEVELOPMENT: N/A

Casing Interval 0-110 ft bgs Bentonite Interval N/A Filter Interval N/A
Screen Interval N/A Grout Interval 0-175 ft bgs Filter Material N/A

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology (SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.)	Water Level
0		1	3,778	1	CONCRETE: Concrete	
5		3	1,903	1-2	CLAYEY SILT: Red brown clayey silt, trace mica	
10		3	1,343	1-2		
15		3	1,883	1-2		
20		3	2,078	1-2	CLAYEY SILT: Dark brown clayey silt, trace mica	
25		3	2,301	1-2		
30		3	N/A	2	SILT: Brown silt, little clay, trace mica	
35		N/A	N/A	N/A	WEATHERED ROCK: Partially weathered rock	
40						
45						
50					BEDROCK: Bedrock	
55						
60						
65						
70						
75						
80						
85						
90						
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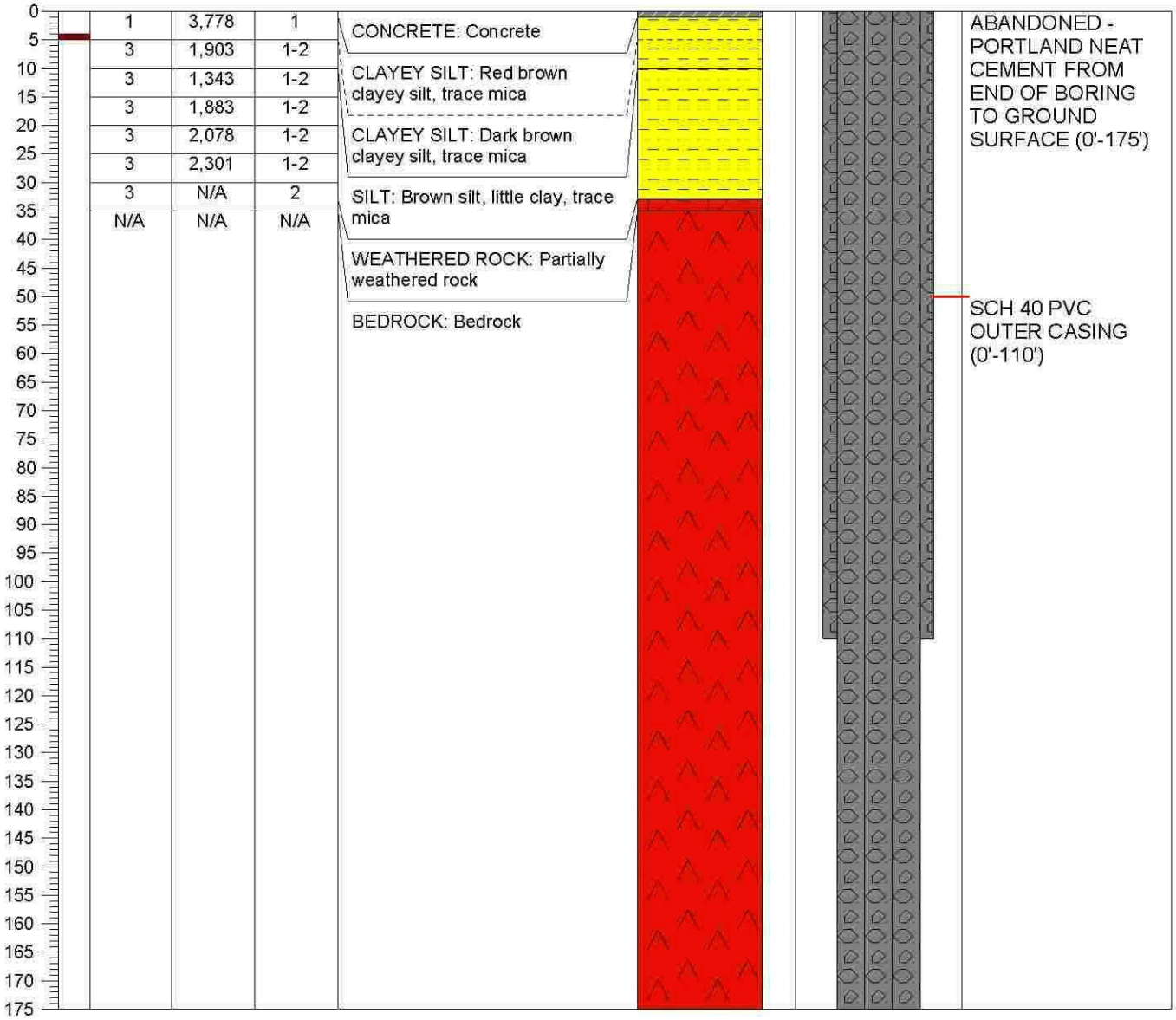

Well Construction

Total Depth = 175 ft bgs

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
RED/BROWN SILTY SANDY CLAY	20.0	20.0
BROWN SANDY SILT	35.0	55.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-21 BENTONITE SEAL FROM 36.0 TO 38.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 55.0 ft. Date Started: 06/01/09 Date Completed: 06/01/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 40.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 15.0 FEET
Set Between: 40.0 ft. and 55.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 47.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 38.0 ft. to 55.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 36.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS **CERT. NO.:** 01979
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A B C D (circle one) ☐ ☑ ☐ ☐
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Jerry R. Watkins Date: 06/26/09
Well Driller

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ORANGE SANDY CLAY	10.0	10.0
ORANGE SILTY SANDY CLAY	25.0	35.0
BROWN SILT	20.0	55.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-22 BENTONITE SEAL FROM 36.0 TO 38.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 55.0 ft. Date Started: 06/05/09 Date Completed: 06/05/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 40.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 15.0 FEET
Set Between: 40.0 ft. and 55.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 47.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 38.0 ft. to 55.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 36.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS CERT. NO.: 01979
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☑ C ☐ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Jerry R. Watkins Date: 06/26/09
Well Driller

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ORANGE SANDY CLAY	12.0	12.0
BROWN SILTY SAND	43.0	55.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-23 BENTONITE SEAL FROM 36.0 TO 38.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 06/17/09
55.0 ft. Date Completed: 06/17/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 40.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 15.0 FEET
Set Between: 40.0 ft. and 55.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 47.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 38.0 ft. to 55.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 36.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS **CERT. NO.:** 01979
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A B C D (circle one) ☐ ☑ ☐ ☐
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Jerry R. Watkins Date: 06/26/09
Well Driller

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ORANGE SANDY CLAY	12.0	12.0
BROWN SILTY SAND	43.0	55.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-24 BENTONITE SEAL FROM 36.0 TO 38.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 55.0 ft. Date Started: 06/17/09 Date Completed: 06/17/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 40.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 15.0 FEET
Set Between: 40.0 ft. and 55.0 ft. NOTE: MULTIPLE SCREENS
_____ ft. and _____ ft. USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 46.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 38.0 ft. to 55.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 36.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS **CERT. NO.:** 01979
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A B C D (circle one) ☐ ☑ ☐ ☐
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Jerry R. Watkins Well Driller Date: 06/26/09

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
RED CLAY	5.0	5.0
ORANGE SILTY SANDY CLAY	15.0	20.0
BROWN SILTY SAND	34.0	54.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-25 BENTONITE SEAL FROM 35.0 TO 37.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 54.0 ft. Date Started: 06/17/09 Date Completed: 06/17/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 39.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 15.0 FEET
Set Between: 39.0 ft. and 54.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 46.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 37.0 ft. to 54.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 35.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS **CERT. NO.:** 01979
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A B C D (circle one) ☐ ☑ ☐ ☐
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Jerry R. Watkins Well Driller Date: 06/26/09

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ORANGE SANDY CLAY	8.0	8.0
BROWN SANDY SILT	16.0	24.0
SILT	28.0	52.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-26 BENTONITE SEAL FROM 33.0 TO 35.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other AUGER

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 06/03/09
52.0 ft. Date Completed: 06/03/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 37.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 15.0 FEET
Set Between: 37.0 ft. and 52.0 ft. NOTE: MULTIPLE SCREENS
_____ ft. and _____ ft. USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 46.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 35.0 ft. to 52.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 33.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JAMES HESS CERT. NO.: 01929
Address: (Print) 176 COMMERCE BLVD Level: A ☐ B ☐ C ☐ D ☑ (circle one)
STATESVILLE, NC 28625
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.
Signed: James T. Hess Date: 06/26/09
Well Driller
If D Level Driller, provide supervising driller's name:
MARK GETTYS

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ORANGE SANDY CLAY	8.0	8.0
BROWN SANDY SILT	16.0	24.0
SILT	31.0	55.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-27 BENTONITE SEAL FROM 36.0 TO 38.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other AUGER

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 55.0 ft. Date Started: 06/03/09 Date Completed: 06/03/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 40.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 15.0 FEET
Set Between: 40.0 ft. and 55.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 46.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 38.0 ft. to 55.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 36.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JAMES HESS **CERT. NO.:** 01929
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.
Signed: James T. Hess Date: 06/26/09
Well Driller

If D Level Driller, provide supervising driller's name:
MARK GETTYS

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ORANGE SANDY CLAY	25.0	25.0
BROWN SILTY SAND	30.0	55.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-28 BENTONITE SEAL FROM 36.0 TO 38.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 55.0 ft. Date Started: 06/17/09 Date Completed: 06/17/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 40.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 15.0 FEET
Set Between: 40.0 ft. and 55.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 47.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 38.0 ft. to 55.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 36.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS **CERT. NO.:** 01979
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☑ C ☐ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Jerry R. Watkins Well Driller Date: 06/26/09

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ORANGE SANDY CLAY	15.0	15.0
BROWN SILT	33.0	48.0
ROCK	7.0	55.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-29 BENTONITE SEAL FROM 36.0 TO 38.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 55.0 ft. Date Started: 06/02/09 Date Completed: 06/02/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 40.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 15.0 FEET
Set Between: 40.0 ft. and 55.0 ft. NOTE: MULTIPLE SCREENS
_____ ft. and _____ ft. USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 47.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 38.0 ft. to 55.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 36.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS CERT. NO.: 01979
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A B C D (circle one) ☐ ☑ ☐ ☐
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Jerry R. Watkins Well Driller Date: 06/26/09

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
RED CLAY	5.0	5.0
ORANGE SANDY CLAY	15.0	20.0
BROWN SANDY SILT	11.0	31.0
ROCK	29.0	60.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-30 BENTONITE SEAL FROM 41.0 TO 43.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 60.0 ft. Date Started: 06/04/09 Date Completed: 06/04/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 45.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 15.0 FEET
Set Between: 45.0 ft. and 60.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 55.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 43.0 ft. to 60.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 41.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS CERT. NO.: 01979
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☑ C ☐ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Jerry R. Watkins Well Driller Date: 06/26/09

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
RED CLAY	4.0	4.0
ORANGE SANDY CLAY	8.0	12.0
BROWN SANDY SILT	20.0	32.0
ROCK	13.0	45.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-31 BENTONITE SEAL FROM 22.0 TO 24.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 41.0 ft. Date Started: 06/10/09 Date Completed: 06/10/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 26.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 15.0 FEET
Set Between: 26.0 ft. and 41.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 35.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 24.0 ft. to 41.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 22.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS CERT. NO.: 01979
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☑ C ☐ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Jerry R. Watkins Well Driller Date: 06/26/09

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
RED CLAY	3.0	3.0
ORANGE SANDY CLAY	9.0	12.0
BROWN SANDY SILT	29.0	41.0
ROCK	4.0	45.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-32 BENTONITE SEAL FROM 26.0 TO 28.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 45.0 ft. Date Started: 06/10/09 Date Completed: 06/10/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 30.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 15.0 FEET
Set Between: 30.0 ft. and 45.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 37.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 28.0 ft. to 45.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 26.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS CERT. NO.: 01979
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☑ C ☐ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.
Signed: Jerry R. Watkins Well Driller Date: 06/26/09

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
RED CLAY	3.0	3.0
ORANGE SANDY CLAY	9.0	12.0
BROWN SANDY SILT	32.0	44.0
ROCK	1.0	45.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-33 BENTONITE SEAL FROM 25.0 TO 27.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 44.0 ft. Date Started: 06/10/09 Date Completed: 06/10/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 29.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 15.0 FEET
Set Between: 29.0 ft. and 44.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 38.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 27.0 ft. to 44.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 25.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS **CERT. NO.:** 01979
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☑ C ☐ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Jerry R. Watkins Date: 06/26/09
Well Driller

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
RED CLAY	8.0	8.0
ORANGE SANDY CLAY	15.0	23.0
BROWN SILTY SAND	22.0	45.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-34 BENTONITE SEAL FROM 26.0 TO 28.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 45.0 ft. Date Started: 06/08/09 Date Completed: 06/08/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 30.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 15.0 FEET
Set Between: 30.0 ft. and 45.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 39.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 28.0 ft. to 45.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 26.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS CERT. NO.: 01979
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A B C D (circle one) ☐ ☑ ☐ ☐
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Jerry R. Watkins Well Driller Date: 06/26/09

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
RED CLAY	8.0	8.0
ORANGE SANDY SILTY CLAY	17.0	25.0
BROWN SILTY SAND	21.0	46.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-35 BENTONITE SEAL FROM 27.0 TO 29.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 06/08/09
46.0 ft. Date Completed: 06/08/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 31.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 15.0 FEET
Set Between: 31.0 ft. and 46.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 40.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 29.0 ft. to 46.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 27.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS **CERT. NO.:** 01979
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☑ C ☐ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Jerry R. Watkins Well Driller Date: 06/26/09

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
RED CLAY	8.0	8.0
ORANGE SANDY CLAY	17.0	25.0
BROWN SILTY SAND	21.0	46.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-36 BENTONITE SEAL FROM 27.0 TO 29.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 46.0 ft. Date Started: 06/16/09 Date Completed: 06/16/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 31.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 15.0 FEET
Set Between: 31.0 ft. and 46.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 38.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 29.0 ft. to 46.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 27.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS CERT. NO.: 01979
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A B C D (circle one) ☐ ☑ ☐ ☐
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Jerry R. Watkins Well Driller Date: 06/26/09

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ORANGE SANDY CLAY	10.0	10.0
ORANGE SILTY SANDY CLAY	13.0	23.0
BROWN SILTY SAND	21.0	44.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-37 BENTONITE SEAL FROM 25.0 TO 27.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 44.0 ft. Date Started: 06/16/09 Date Completed: 06/16/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 29.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 15.0 FEET
Set Between: 29.0 ft. and 44.0 ft. NOTE: MULTIPLE SCREENS
_____ ft. and _____ ft. USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 36.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 27.0 ft. to 44.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 25.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS CERT. NO.: 01979
Address: (Print) 176 COMMERCE BLVD Level: A ☐ B ☑ C ☐ D ☐ (circle one)
STATESVILLE, NC 28625
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Jerry R. Watkins Well Driller Date: 06/26/09

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
RED CLAY	7.0	7.0
ORANGE SANDY CLAY	11.0	18.0
BROWN SILTY SAND	7.0	25.0
SILT	19.0	44.0
ROCK	3.0	47.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-38 BENTONITE SEAL FROM 28.0 TO 30.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 47.0 ft. Date Started: 06/04/09 Date Completed: 06/04/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 32.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 15.0 FEET
Set Between: 32.0 ft. and 47.0 ft. NOTE: MULTIPLE SCREENS
_____ ft. and _____ ft. USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 39.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 30.0 ft. to 47.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 28.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS CERT. NO.: 01979
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☑ C ☐ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Jerry R. Watkins Well Driller Date: 06/26/09

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ORANGE SANDY CLAY	10.0	10.0
ORANGE SILTY SANDY CLAY	25.0	35.0
BROWN SILT	33.0	68.0
ROCK	12.0	80.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
DW-5 BENTONITE SEAL FROM 70.0 TO 73.0 FT. 6 1/4 INCH GALVANIZED CASING GROUTED FROM 0.0 TO 70.0 FT

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 06/02/09
80.0 ft. Date Completed: 06/05/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH, 6 INCH
Type: ☑ PVC ☑ Galvanized ☐ Steel ☐ Other
2.0 in. to 75.0 ft. depth
6.0 in. to 70.0 ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 5.0 FEET
Set Between: 75.0 ft. and 80.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 50.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 73.0 ft. to 80.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 70.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS CERT. NO.: 01979
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☑ C ☐ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Jerry R. Watkins Date: 06/26/09
Well Driller

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
RED CLAY	6.0	6.0
ORANGE SANDY CLAY	17.0	23.0
BROWN SILTY SAND	18.0	41.0
ROCK	89.0	130.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
DW-6 BENTONITE SEAL FROM 111.0 TO 113.0 FT 6 1/4 INCH GALVANIZED CASING GROUTED FROM 0.0 TO 110.0 FT

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 130.0 ft. Date Started: 06/08/09 Date Completed: 06/15/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH, 6 INCH
Type: ☑ PVC ☑ Galvanized ☐ Steel ☐ Other
2.0 in. to 115.0 ft. depth
6.0 in. to 110.0 ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 15.0 FEET
Set Between: 115.0 ft. and 130.0 ft. NOTE: MULTIPLE SCREENS
_____ ft. and _____ ft. USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 50.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 113.0 ft. to 130.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 111.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS CERT. NO.: 01979
Address: (Print) 176 COMMERCE BLVD Level: A ☐ B ☑ C ☐ D ☐ (circle one)
STATESVILLE, NC 28625
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.
Signed: Jerry R. Watkins Well Driller Date: 06/26/09

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ORANGE SANDY CLAY	10.0	10.0
ORANGE SILTY SANDY CLAY	14.0	24.0
BROWN SILT	17.0	41.0
ROCK	79.0	120.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
DW-7 BENTONITE SEAL FROM 110.0 TO 113.0 FT 6 1/4 INCH GALVANIZED CASING GROUTED FROM 0.0 TO 110.0 FT

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 120.0 ft. Date Started: 06/03/09 Date Completed: 06/15/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH, 6 INCH
Type: ☑ PVC ☑ Galvanized ☐ Steel ☐ Other
2.0 in. to 115.0 ft. depth
6.0 in. to 110.0 ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 5.0 FEET
Set Between: 115.0 ft. and 120.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 50.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 113.0 ft. to 120.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 110.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS CERT. NO.: 01979
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☑ C ☐ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.
Signed: Jerry R. Watkins Well Driller Date: 06/26/09

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ORANGE SANDY CLAY	10.0	10.0
ORANGE SILTY SANDY CLAY	13.0	23.0
SILT	31.0	54.0
ROCK	26.0	80.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
DW-9 BENTONITE SEAL FROM 71.0 TO 73.0 FT. 6 1/4 INCH GALVANIZED CASING GROUTED FROM 0.0 TO 70.0 FT

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 80.0 ft. Date Started: 06/04/09 Date Completed: 06/16/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH, 6 INCH
Type: ☑ PVC ☑ Galvanized ☐ Steel ☐ Other
2.0 in. to 75.0 ft. depth
6.0 in. to 70.0 ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 5.0 FEET
Set Between: 75.0 ft. and 80.0 ft. NOTE: MULTIPLE SCREENS
_____ ft. and _____ ft. USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 40.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 73.0 ft. to 80.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 71.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS **CERT. NO.:** 01979
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☑ C ☐ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Jerry R. Watkins Well Driller Date: 06/26/09

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET #339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
RED CLAY	4.0	4.0
ORANGE SANDY CLAY	8.0	12.0
BROWN SILTY SAND	18.0	30.0
SILT	18.0	48.0
ROCK	72.0	120.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
DW-10 BENTONITE SEAL FROM 111.0 TO 113.0 FT 6 1/4 INCH GALVANIZED CASING GROUTED FROM 0.0 TO 110.0 FT

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 120.0 ft. Date Started: 06/09/09 Date Completed: 06/16/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH, 6 INCH
Type: ☑ PVC ☑ Galvanized ☐ Steel ☐ Other
2.0 in. to 115.0 ft. depth
6.0 in. to 110.0 ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 5.0 FEET
Set Between: 115.0 ft. and 120.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 40.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 113.0 ft. to 120.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 111.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS CERT. NO.: 01979
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☑ C ☐ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Jerry R. Watkins Well Driller Date: 06/26/09

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET - 339
Street Address: 800 WEST NORTH FIRST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 175.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ORANGE SANDY CLAY	10.0	10.0
ORANGE SILTY SANDY CLAY	25.0	35.0
BROWN SILT	33.0	68.0
ROCK	92.0	160.0
WELL ABANDONED BY		
GEOLOGIC EXPLORATION, INC		
ON 06/18/09 VIA TREMIE PIPE		
WITH PORTLAND BENTONITE		
SLURRY.		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
DW-4A
275.0 GALLONS PORTLAND BENTONITE SLURRY. 6 1/4 INCH GALVANIZED CASING GROUTED FROM 0.0 TO 110.0 FT

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 175.0 ft. Date Started: 06/01/09 Date Completed: 06/18/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 6 INCH
Type: ☐ PVC ☑ Galvanized ☐ Steel ☐ Other
6.0 in. to 110.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: _____ Diam.: _____
Slot/Gauge: _____ Length: _____
Set Between: _____ ft. and _____ ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL DRY ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from _____ ft. to _____ ft.
Effective size _____ Uniformity Coefficient _____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From _____ ft. to _____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS CERT. NO.: 01979
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A B C D (circle one) ☐ ☑ ☐ ☐
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.
Signed: Jerry R. Watkins Date: 06/26/09
Well Driller

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LITTLE CRICKET - 339
Street Address: 800 WEST NORTH FIRST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 175.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ORANGE SANDY CLAY	23.0	23.0
BROWN SILT	10.0	33.0
ROCK	142.0	175.0
WELL ABANDONED BY		
GEOLOGIC EXPLORATION, INC		
ON 06/18/09 VIA TREMIE PIPE		
WITH PORTLAND BENTONITE		
SLURRY.		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
DW-8A
280.0 GALLONS PORTLAND BENTONITE SLURRY. 6 1/4 INCH GALVANIZED CASING GROUTED FROM 0.0 TO 110.0 FT

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 175.0 ft. Date Started: 06/02/09 Date Completed: 06/18/09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 6 INCH
Type: ☐ PVC ☑ Galvanized ☐ Steel ☐ Other
6.0 in. to 110.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: _____ Diam.: _____
Slot/Gauge: _____ Length: _____
Set Between: _____ ft. and _____ ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL DRY ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from _____ ft. to _____ ft.
Effective size _____ Uniformity Coefficient _____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From _____ ft. to _____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS CERT. NO.: 01979
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A B C D (circle one) ☐ ☑ ☐ ☐
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.
Signed: Jerry R. Watkins Well Driller Date: 06/26/09

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

APPENDIX 5

Soil Analytical Data

ACCESS
ANALYTICAL, INC.

ANALYTICAL REPORT

CLIENT
Terry Environmental
P.O. Box 25
Summerville, SC 29484

ATTENTION
Kelly Cone

PROJECT ID
Former Li'l Cricket #339 2170D

LABORATORY REPORT NUMBER
209060609

DATE
06/12/2009

Primary Data Review By

Curtis Ekker
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PLEASE NOTE:

- **Unless otherwise noted, all analysis on this report performed at Gulf Coast Analytical Labs (GCAL), 7979 GSRI Rd. Baton Rouge, LA 70820.**

- **GCAL is SCDHEC certified laboratory # 73006, NCDENR certified lab # 618, GA certified lab # LA-01955, NELAP certified laboratory # 01955**

- Local support services for this project are provided by Access Analytical, Inc.. Access Analytical is a representative of GCAL serving clients in the SC/NC/GA areas. All questions regarding this report should be directed to your local Access Analytical representative at 803.781.4243 or toll free at 888.315.4243.

NELAP CERTIFICATE NUMBER 01955

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

Report Date 06/12/2009

GCAL Report 209060609

Deliver To	Terry Environmental P.O. Box 25 Summerville, SC 29484
Attn	Kelly Cone

Project Former Li'l Cricket #339 2170D

CASE NARRATIVE

Client: Terry Environmental Services **Report:** 209060609

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

VOLATILES MASS SPECTROMETRY

In the SW-846 8260B analysis, sample 20906060910 (DW-8) had to be diluted to bracket the concentration of target compounds within the calibration range of the instrument.

In the SW-846 8260B analysis, the recovery for the surrogate, 1,2-Dichloroethane-d4 was above the upper control limit for samples 20906060904 (MW-29), 20906060905 (MW-30), 20906060906 (MW-38), 20906060907 (DW-4), 20906060908 (DW-5), 20906060911 (DW-9), and 20906060912 (MW-22). No target analytes were detected above the reporting limit in these samples (estimated concentrations in two of the samples).

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND	Indicates the result was Not Detected at the specified RDL
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
00:00	Reported as a time equivalent to 12:00 AM

Reporting Flags Utilized in this Report

J	Indicates an estimated value
U	Indicates the compound was analyzed for but not detected
B	(ORGANICS) Indicates the analyte was detected in the associated Method Blank
B	(INORGANICS) Indicates the result is between the RDL and MDL

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with ISO Guide 25 and NELAC, this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the NELAC standard and terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

Robyn Migues
Technical Director
GCAL REPORT 209060609

THIS REPORT CONTAINS _____ PAGES.

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906060901	MW-21	Solid	06/01/2009 18:00	06/06/2009 09:00
20906060902	MW-26	Solid	06/03/2009 18:10	06/06/2009 09:00
20906060903	MW-27	Solid	06/03/2009 13:15	06/06/2009 09:00
20906060904	MW-29	Solid	06/02/2009 14:15	06/06/2009 09:00
20906060905	MW-30	Solid	06/04/2009 16:45	06/06/2009 09:00
20906060906	MW-38	Solid	06/04/2009 15:15	06/06/2009 09:00
20906060907	DW-4	Solid	06/01/2009 12:30	06/06/2009 09:00
20906060908	DW-5	Solid	06/02/2009 16:10	06/06/2009 09:00
20906060909	DW-7	Solid	06/03/2009 13:30	06/06/2009 09:00
20906060910	DW-8	Solid	06/02/2009 08:15	06/06/2009 09:00
20906060911	DW-9	Solid	06/04/2009 09:30	06/06/2009 09:00
20906060912	MW-22	Solid	06/05/2009 11:30	06/06/2009 09:00

Summary of Compounds Detected

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906060901	MW-21	Solid	06/01/2009 18:00	06/06/2009 09:00

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
1330-20-7	Xylene (total)	3.65J	10.6	0.727	ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906060905	MW-30	Solid	06/04/2009 16:45	06/06/2009 09:00

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
108-88-3	Toluene	0.881J	5.06	0.202	ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906060909	DW-7	Solid	06/03/2009 13:30	06/06/2009 09:00

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
108-88-3	Toluene	0.572J	5.07	0.203	ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906060910	DW-8	Solid	06/02/2009 08:15	06/06/2009 09:00

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	150J	444	12.2	ug/Kg
108-88-3	Toluene	212J	444	17.8	ug/Kg
100-41-4	Ethylbenzene	3770	444	18.3	ug/Kg
1330-20-7	Xylene (total)	9960	888	61.0	ug/Kg
91-20-3	Naphthalene	11300	444	73.3	ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906060911	DW-9	Solid	06/04/2009 09:30	06/06/2009 09:00

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
108-88-3	Toluene	0.666J	5.68	0.227	ug/Kg

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906060912	**MW-22**	Solid	06/05/2009 11:30	06/06/2009 09:00

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
108-88-3	Toluene	0.554J	4.52	0.181	ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906060901	**MW-21**	Solid	06/01/2009 18:00	06/06/2009 09:00

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/08/2009 20:08	CLH	413076

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<5.30	5.30	0.145	ug/Kg
108-88-3	Toluene	<5.30	5.30	0.212	ug/Kg
100-41-4	Ethylbenzene	<5.30	5.30	0.218	ug/Kg
1330-20-7	**Xylene (total)**	**3.65J**	**10.6**	**0.727**	**ug/Kg**
91-20-3	Naphthalene	<5.30	5.30	0.874	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	44.6	34.9	ug/Kg	78	62 - 127
1868-53-7	Dibromofluoromethane	44.6	47.4	ug/Kg	106	65 - 130
2037-26-5	Toluene d8	44.6	43.8	ug/Kg	98	71 - 132
17060-07-0	1,2-Dichloroethane-d4	44.6	53.1	ug/Kg	119	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906060902	**MW-26**	Solid	06/03/2009 18:10	06/06/2009 09:00

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/08/2009 20:33	CLH	413076

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<4.68	4.68	0.128	ug/Kg
108-88-3	Toluene	<4.68	4.68	0.187	ug/Kg
100-41-4	Ethylbenzene	<4.68	4.68	0.193	ug/Kg
1330-20-7	Xylene (total)	<9.36	9.36	0.642	ug/Kg
91-20-3	Naphthalene	<4.68	4.68	0.772	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	39.8	32.1	ug/Kg	81	62 - 127
1868-53-7	Dibromofluoromethane	39.8	41.2	ug/Kg	103	65 - 130
2037-26-5	Toluene d8	39.8	40.8	ug/Kg	102	71 - 132
17060-07-0	1,2-Dichloroethane-d4	39.8	48.7	ug/Kg	122	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906060903	**MW-27**	Solid	06/03/2009 13:15	06/06/2009 09:00

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/08/2009 20:57	CLH	413076

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<4.80	4.80	0.131	ug/Kg
108-88-3	Toluene	<4.80	4.80	0.192	ug/Kg
100-41-4	Ethylbenzene	<4.80	4.80	0.198	ug/Kg
1330-20-7	Xylene (total)	<9.59	9.59	0.658	ug/Kg
91-20-3	Naphthalene	<4.80	4.80	0.791	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	38.5	32.4	ug/Kg	84	62 - 127
1868-53-7	Dibromofluoromethane	38.5	44.7	ug/Kg	116	65 - 130
2037-26-5	Toluene d8	38.5	39.9	ug/Kg	104	71 - 132
17060-07-0	1,2-Dichloroethane-d4	38.5	47.6	ug/Kg	124	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906060904	**MW-29**	Solid	06/02/2009 14:15	06/06/2009 09:00

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/08/2009 21:22	CLH	413076

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<4.49	4.49	0.123	ug/Kg
108-88-3	Toluene	<4.49	4.49	0.180	ug/Kg
100-41-4	Ethylbenzene	<4.49	4.49	0.185	ug/Kg
1330-20-7	Xylene (total)	<8.98	8.98	0.616	ug/Kg
91-20-3	Naphthalene	<4.49	4.49	0.741	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	32.4	24.6	ug/Kg	76	62 - 127
1868-53-7	Dibromofluoromethane	32.4	35	ug/Kg	108	65 - 130
2037-26-5	Toluene d8	32.4	30.3	ug/Kg	94	71 - 132
17060-07-0	1,2-Dichloroethane-d4	32.4	40.7	ug/Kg	**126***	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906060905	**MW-30**	Solid	06/04/2009 16:45	06/06/2009 09:00

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/08/2009 21:48	CLH	413076

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<5.06	5.06	0.139	ug/Kg
108-88-3	**Toluene**	**0.881J**	**5.06**	**0.202**	**ug/Kg**
100-41-4	Ethylbenzene	<5.06	5.06	0.208	ug/Kg
1330-20-7	Xylene (total)	<10.1	10.1	0.694	ug/Kg
91-20-3	Naphthalene	<5.06	5.06	0.834	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	47.6	34.7	ug/Kg	73	62 - 127
1868-53-7	Dibromofluoromethane	47.6	52.7	ug/Kg	111	65 - 130
2037-26-5	Toluene d8	47.6	46.7	ug/Kg	98	71 - 132
17060-07-0	1,2-Dichloroethane-d4	47.6	65.5	ug/Kg	**138***	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906060906	**MW-38**	Solid	06/04/2009 15:15	06/06/2009 09:00

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/08/2009 22:13	CLH	413076

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<6.64	6.64	0.182	ug/Kg
108-88-3	Toluene	<6.64	6.64	0.266	ug/Kg
100-41-4	Ethylbenzene	<6.64	6.64	0.274	ug/Kg
1330-20-7	Xylene (total)	<13.3	13.3	0.911	ug/Kg
91-20-3	Naphthalene	<6.64	6.64	1.10	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	53.1	41.2	ug/Kg	78	62 - 127
1868-53-7	Dibromofluoromethane	53.1	62.9	ug/Kg	119	65 - 130
2037-26-5	Toluene d8	53.1	51.3	ug/Kg	97	71 - 132
17060-07-0	1,2-Dichloroethane-d4	53.1	69.7	ug/Kg	131*	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906060907	**DW-4**	Solid	06/01/2009 12:30	06/06/2009 09:00

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/08/2009 22:37	CLH	413076

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<4.37	4.37	0.120	ug/Kg
108-88-3	Toluene	<4.37	4.37	0.175	ug/Kg
100-41-4	Ethylbenzene	<4.37	4.37	0.180	ug/Kg
1330-20-7	Xylene (total)	<8.74	8.74	0.600	ug/Kg
91-20-3	Naphthalene	<4.37	4.37	0.721	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	37.8	28.5	ug/Kg	75	62 - 127
1868-53-7	Dibromofluoromethane	37.8	41.2	ug/Kg	109	65 - 130
2037-26-5	Toluene d8	37.8	35.9	ug/Kg	95	71 - 132
17060-07-0	1,2-Dichloroethane-d4	37.8	48.4	ug/Kg	**128***	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906060908	DW-5	Solid	06/02/2009 16:10	06/06/2009 09:00

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/08/2009 23:02	CLH	413076

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<4.85	4.85	0.133	ug/Kg
108-88-3	Toluene	<4.85	4.85	0.194	ug/Kg
100-41-4	Ethylbenzene	<4.85	4.85	0.200	ug/Kg
1330-20-7	Xylene (total)	<9.70	9.70	0.665	ug/Kg
91-20-3	Naphthalene	<4.85	4.85	0.800	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	40.5	31.6	ug/Kg	78	62 - 127
1868-53-7	Dibromofluoromethane	40.5	45	ug/Kg	111	65 - 130
2037-26-5	Toluene d8	40.5	39.5	ug/Kg	98	71 - 132
17060-07-0	1,2-Dichloroethane-d4	40.5	50.8	ug/Kg	126*	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906060909	DW-7	Solid	06/03/2009 13:30	06/06/2009 09:00

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/08/2009 23:27	CLH	413076

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<5.07	5.07	0.139	ug/Kg
108-88-3	**Toluene**	**0.572J**	**5.07**	**0.203**	**ug/Kg**
100-41-4	Ethylbenzene	<5.07	5.07	0.209	ug/Kg
1330-20-7	Xylene (total)	<10.1	10.1	0.695	ug/Kg
91-20-3	Naphthalene	<5.07	5.07	0.836	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	44	31.7	ug/Kg	72	62 - 127
1868-53-7	Dibromofluoromethane	44	47.5	ug/Kg	108	65 - 130
2037-26-5	Toluene d8	44	41.1	ug/Kg	93	71 - 132
17060-07-0	1,2-Dichloroethane-d4	44	53.6	ug/Kg	122	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906060910	DW-8	Solid	06/02/2009 08:15	06/06/2009 09:00

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			100	06/08/2009 13:26	AGC	413042

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	150J	444	12.2	ug/Kg
108-88-3	Toluene	212J	444	17.8	ug/Kg
100-41-4	Ethylbenzene	3770	444	18.3	ug/Kg
1330-20-7	Xylene (total)	9960	888	61.0	ug/Kg
91-20-3	Naphthalene	11300	444	73.3	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	3660	4050	ug/Kg	111	62 - 127
1868-53-7	Dibromofluoromethane	3660	4210	ug/Kg	115	65 - 130
2037-26-5	Toluene d8	3660	3340	ug/Kg	91	71 - 132
17060-07-0	1,2-Dichloroethane-d4	3660	4150	ug/Kg	113	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906060911	DW-9	Solid	06/04/2009 09:30	06/06/2009 09:00

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/08/2009 23:52	CLH	413076

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<5.68	5.68	0.156	ug/Kg
108-88-3	**Toluene**	**0.666J**	**5.68**	**0.227**	**ug/Kg**
100-41-4	Ethylbenzene	<5.68	5.68	0.234	ug/Kg
1330-20-7	Xylene (total)	<11.4	11.4	0.779	ug/Kg
91-20-3	Naphthalene	<5.68	5.68	0.937	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	49.6	37.1	ug/Kg	75	62 - 127
1868-53-7	Dibromofluoromethane	49.6	64.2	ug/Kg	129	65 - 130
2037-26-5	Toluene d8	49.6	48.4	ug/Kg	98	71 - 132
17060-07-0	1,2-Dichloroethane-d4	49.6	64.3	ug/Kg	130*	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906060912	**MW-22**	Solid	06/05/2009 11:30	06/06/2009 09:00

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/09/2009 00:17	CLH	413076

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<4.52	4.52	0.124	ug/Kg
108-88-3	**Toluene**	**0.554J**	**4.52**	**0.181**	**ug/Kg**
100-41-4	Ethylbenzene	<4.52	4.52	0.186	ug/Kg
1330-20-7	Xylene (total)	<9.04	9.04	0.620	ug/Kg
91-20-3	Naphthalene	<4.52	4.52	0.746	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	39.9	29.4	ug/Kg	74	62 - 127
1868-53-7	Dibromofluoromethane	39.9	43.6	ug/Kg	109	65 - 130
2037-26-5	Toluene d8	39.9	37.5	ug/Kg	94	71 - 132
17060-07-0	1,2-Dichloroethane-d4	39.9	50.4	ug/Kg	**126***	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GC/MS Volatiles Quality Control Summary

Analytical Batch	413042	Client ID	MB413042			LCS413042			LCSD413042			
Prep Batch	N/A	GCAL ID	731315			731316			731317			
		Sample Type	Method Blank			LCS			LCSD			
		Analytical Date	06/08/2009 08:22			06/08/2009 07:33			06/08/2009 07:58			
		Matrix	Solid			Solid			Solid			
SW-846 8260B		Units	ug/Kg	Spike Added	Result	% R	Control Limits % R	Result	% R	RPD	RPD Limit
100-41-4	Ethylbenzene	<250	250	2500	2530	101	80 - 123	2600	104	3	30
1634-04-4	tert-Butyl methyl ether (MTBE)	<250	250	2500	0.00	0*	69 - 131	0.00	0*	0	30
1330-20-7	Xylene (total)	<500	500	7500	6950	93	80 - 120	7030	94	1	30
91-20-3	Naphthalene	<250	250	2500	2290	92	58 - 137	2220	89	3	30
71-43-2	Benzene	<250	250	2500	2700	108	78 - 120	2590	104	4	21
108-88-3	Toluene	<250	250	2500	2400	96	78 - 122	2440	98	2	21
Surrogate											
460-00-4	4-Bromofluorobenzene	2400	96	2500	2650	106	62 - 127	2620	105		
1868-53-7	Dibromofluoromethane	2230	89	2500	2390	96	65 - 130	2540	102		
2037-26-5	Toluene d8	2590	104	2500	2400	96	71 - 132	2440	98		
17060-07-0	1,2-Dichloroethane-d4	2430	97	2500	2590	104	62 - 125	2490	100		

Analytical Batch	413042	Client ID	1			730069MS			730069MSD			
Prep Batch	N/A	GCAL ID	20906036101			731421			731422			
		Sample Type	SAMPLE			MS			MSD			
		Analytical Date	06/08/2009 12:37			06/08/2009 14:39			06/08/2009 15:58			
		Matrix	Solid			Solid			Solid			
SW-846 8260B		Units	ug/Kg	Spike Added	Result	% R	Control Limits % R	Result	% R	RPD	RPD Limit
100-41-4	Ethylbenzene	30.3	250	2500	2600	103	80 - 123	2820	112	8	30
1330-20-7	Xylene (total)	637	500	7500	7070	86	80 - 120	7600	93	7	30
71-43-2	Benzene	0.00	250	2500	2640	106	78 - 120	2940	118	11	21
108-88-3	Toluene	158	250	2500	2530	95	78 - 122	2690	101	6	21
Surrogate											
460-00-4	4-Bromofluorobenzene			2500	2620	105	62 - 127	2580	103		
1868-53-7	Dibromofluoromethane			2500	2450	98	65 - 130	2770	111		
2037-26-5	Toluene d8			2500	2470	99	71 - 132	2380	95		
17060-07-0	1,2-Dichloroethane-d4			2500	2490	100	62 - 125	2860	114		

GC/MS Volatiles Quality Control Summary

Analytical Batch 413076	Client ID	MB413076			LCS413076			LCSD413076			
Prep Batch N/A	GCAL ID	731455			731456			731457			
	Sample Type	Method Blank			LCS			LCSD			
	Analytical Date	06/08/2009 19:43			06/08/2009 18:29			06/08/2009 18:53			
	Matrix	Solid			Solid			Solid			
SW-846 8260B	**Units**	ug/Kg	**Spike Added**	**Result**	**Result**	**% R**	**Control Limits %R**	**Result**	**% R**	**RPD**	**RPD Limit**
100-41-4 Ethylbenzene	<5.00	5.00	50.0	48.3	97	80 - 123	45.9	92	5	30
1634-04-4 tert-Butyl methyl ether (MTBE)	<5.00	5.00	50.0	52.8	106	69 - 131	53.4	107	1	30
1330-20-7 Xylene (total)	<10.0	10.0	150	138	92	80 - 120	131	87	5	30
91-20-3 Naphthalene	<5.00	5.00	50.0	39.3	79	58 - 137	42.4	85	8	30
71-43-2 Benzene	<5.00	5.00	50.0	45.7	91	78 - 120	49.4	99	8	21
108-88-3 Toluene	<5.00	5.00	50.0	46.5	93	78 - 122	44.3	89	5	21
Surrogate										
460-00-4 4-Bromofluorobenzene	39.7	79	50	47.7	95	62 - 127	47.7	95		
1868-53-7 Dibromofluoromethane	55.4	111	50	52.2	104	65 - 130	60.8	122		
2037-26-5 Toluene d8	51.7	103	50	49.1	98	71 - 132	48.6	97		
17060-07-0 1,2-Dichloroethane-d4	56.3	113	50	55.7	111	62 - 125	56.6	113		

ACCESS 45651 20906006091 6-12-09

Access Analytical - Chain of Custody Record

LAB USE ONLY

Project Work Order #_____ PO #_____ Access Quote #_____ LAB USE ONLY Laboratory ID: GCAL

Company Name: Terry Environmental

Report To: Kelly Cone

Address: PO Box 25

City: Summerville State: SC Zip: 29484

Phone: 873-8200 Fax:

Email: KCone@Terryenvironmental.com

Project Name: Former Li'L Cricket #339 2170D

Sampled By: L. Ortman

Preservative: (*see codes below)

↓ REQUESTED LAB ANALYSIS: ↓

BTEX, Naph ~~MTBE~~

Sample Location/Description	Date Collected:	Time Collected:	Type: (grab or composite)	Matrix: (see codes)	# of cont.	
MW-21	6/1/09	1800	grab	S	4	-1
MW-26	6/3/09	1810				-2
MW-27	6/3/09	1315				-3
MW-29	6/2/09	1415				-4
MW-30	6/4/09	1645				-5
MW-38	6/4/09	1515				-6
DW-4	6/1/09	1230				-7
DW-5	6/2/09	1610				-8
DW-7	6/3/09	1330				-9
DW-8	6/2/09	0815				-10

ACCESS ANALYTICAL, INC.
7478 Carlisle Street
Irmo, SC 29063
Phone: (803) 781-4243
Fax: 781-4303
Toll Free (888) 315-4243
www.axs-inc.com

*Preservative Codes (place corresponding # in block above analysis field): 0=None, 1=HCL, 2=HNO_3, 3=H_2SO_4, 4=NaOH, 5=$Na_2S_2O_3$, 6=$NaHSO_4$, Other=Specify

*Matrix Codes (place corresponding code in sample matrix column): GW=ground water, WW=waste water, DW=drinking water, S=soil, SL=sludge, A=air, IW=industrial waste, WO=waste oil, OT=other (Specify in comments section)

NOTES / COMMENTS
(if sample is a composite please use space below to note start/finish times & dates)

Turnaround Time:

X Standard
___ RUSH*
*Date Required:_____
(For rush work, results emailed/faxed by end of business day on date required)

LAB USE ONLY
Samples Recd. on Ice?
X Yes
___ No
Receipt Temp 4.3°

Project Location:
X SC
___ NC
___ Other_____(specify)

Relinquished By:	Date:	Time:	Received By:
Laura Mott	6/5/09	1430	M. Robertson
M. Robertson	6/5/09	1700	
FEDEX	6-6-09	0900	AMarston

See Reverse for Terms and Conditions

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ACCESS / 45651 / 2090606609 / 6-12-09

Access Analytical - Chain of Custody Record

LAB USE ONLY

Project Work Order #_____ PO #_____ Access Quote #_____ LAB USE ONLY Laboratory ID:_____

Company Name: Terry Environmental
Report To: Kelly Cone
Address: PO Box 25
City: Summerville State: SC Zip: 29484
Phone: 873-8200 Fax:
Email: KCone@Terryenvironmental.com
Project Name: Former LiL Cricket #339 0170D
Sampled By: L. Ortman

Sample Location/Description	Date Collected:	Time Collected:	Type: (grab or composite)	Matrix: (see codes)	# of cont.	Preservative: (*see codes below)	↓ REQUESTED LAB ANALYSIS: ↓ BTEX, Naph, MTBE
DW-9	6/4/09	0930	grab	S	4		X
MW-21	6/5/09	0635		GW	2		X X
MW-26	6/5/09	0830					X X
MW-27	6/5/09	0815					X X
MW-29	6/5/09	0645					X X
MW-38	6/5/09	0715					X X
DW-5	6/5/09	0710					X X
MW-30	6/5/09	0930					X X
MW-22	6/5/09	1130		S	4		X
MW-22	6/5/09	1200		GW	2		X X

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7478 Carlisle Street
Irmo, SC 29063
Phone: (803) 781-4243
Fax: 781-4303
Toll Free (888) 315-4243
www.axs-inc.com

*Preservative Codes (place corresponding # in block above analysis field): 0=None, 1=HCL, 2=HNO_3, 3=H_2SO_4, 4=NaOH, 5=$Na_2S_2O_3$, 6=$NaHSO_4$, Other=Specify

*Matrix Codes (place corresponding code in sample matrix column): GW=ground water, WW=waste water, DW=drinking water, S=soil, SL=sludge, A=air, IW=industrial waste, WO=waste oil, OT=other (Specify in comments section)

-11 NOTES / COMMENTS
(if sample is a composite please use space below to note start/finish times & dates)

Field Screen*

* NOTE: Field screen samples subbed via Access

-12 Field Screen*

Turnaround Time:
X Standard
___ RUSH*
*Date Required:_____
(For rush work, results emailed/faxed by end of business day on date required)

LAB USE ONLY
Samples Recd. on Ice? X Yes ___ No
Receipt Temp 4.3°

Project Location: X SC ___ NC ___ Other_____(specify)

Relinquished By:	Date:	Time:	Received By:
Laura M Otte	6/5/09	1430	M Robertson
M. Robertson	6/5/09	1700	
FEDEX	6.6.09	0900	AMASSION

See Reverse for Terms and Conditions

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Pink Copy - Client Copy

ACCESS
ANALYTICAL, INC.

ANALYTICAL REPORT

CLIENT
Terry Environmental
P.O. Box 25
Summerville, SC 29484

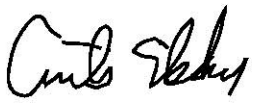
ATTENTION
Kelly Cone

PROJECT ID
Former Li'l Cricket #339 2170D

LABORATORY REPORT NUMBER
209061220

DATE
06/16/2009

Primary Data Review By



Curtis Ekker
Tue Jun 16 16:54:57 2009

Curtis Ekker
Data Validation Manager, GCAL

Secondary Data Review By

Ashley B. Amick
Project Manager, Access Analytical, Inc.
aamick@accessanalyticalinc.com

PLEASE NOTE:

- **Unless otherwise noted, all analysis on this report performed at Gulf Coast Analytical Labs (GCAL), 7979 GSRI Rd. Baton Rouge, LA 70820.**

- **GCAL is SCDHEC certified laboratory # 73006, NCDENR certified lab # 618, GA certified lab # LA-01955, NELAP certified laboratory # 01955**

- Local support services for this project are provided by Access Analytical, Inc.. Access Analytical is a representative of GCAL serving clients in the SC/NC/GA areas. All questions regarding this report should be directed to your local Access Analytical representative at 803.781.4243 or toll free at 888.315.4243.

NELAP CERTIFICATE NUMBER 01955

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

Report Date 06/16/2009

GCAL Report 209061220

Deliver To	Terry Environmental P.O. Box 25 Summerville, SC 29484
Attn	Kelly Cone

Project Former Li'l Cricket #339 2170D

CASE NARRATIVE

Client: Terry Environmental Services **Report:** 209061220

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

VOLATILES MASS SPECTROMETRY

In the SW-846 8260B analysis for analytical batch 413380, no MS/MSD was performed due to insufficient sample volume. The LCS/LCSD is included for review.

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND	Indicates the result was Not Detected at the specified RDL
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
00:00	Reported as a time equivalent to 12:00 AM

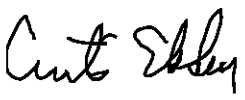
Reporting Flags Utilized in this Report

J	Indicates an estimated value
U	Indicates the compound was analyzed for but not detected
B	(ORGANICS) Indicates the analyte was detected in the associated Method Blank
B	(INORGANICS) Indicates the result is between the RDL and MDL

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with ISO Guide 25 and NELAC, this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the NELAC standard and terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.



Curtis Ebker
Tue Jun 16 16:55:13 2009

Robyn Migues
Technical Director
GCAL REPORT 209061220

THIS REPORT CONTAINS _____ PAGES.

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906122001	MW-34	Solid	06/08/2009 19:10	06/12/2009 09:17
20906122002	MW-35	Solid	06/08/2009 18:00	06/12/2009 09:17
20906122003	DW-6	Solid	06/08/2009 12:00	06/12/2009 09:17
20906122004	DW-10	Solid	06/09/2009 09:45	06/12/2009 09:17
20906122005	MW-33	Solid	06/10/2009 10:30	06/12/2009 09:17
20906122006	MW-31	Solid	06/10/2009 11:00	06/12/2009 09:17
20906122007	MW-32	Solid	06/10/2009 12:45	06/12/2009 09:17

Summary of Compounds Detected

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906122001	**MW-34**	Solid	06/08/2009 19:10	06/12/2009 09:17

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
108-88-3	Toluene	1.15J	5.18	0.207	ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906122002	**MW-35**	Solid	06/08/2009 18:00	06/12/2009 09:17

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
108-88-3	Toluene	1.01J	5.99	0.240	ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906122007	**MW-32**	Solid	06/10/2009 12:45	06/12/2009 09:17

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
108-88-3	Toluene	1.07J	5.02	0.201	ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906122001	**MW-34**	Solid	06/08/2009 19:10	06/12/2009 09:17

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/13/2009 16:16	CLH	413380

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<5.18	5.18	0.142	ug/Kg
108-88-3	**Toluene**	**1.15J**	**5.18**	**0.207**	**ug/Kg**
100-41-4	Ethylbenzene	<5.18	5.18	0.213	ug/Kg
1330-20-7	Xylene (total)	<10.4	10.4	0.710	ug/Kg
91-20-3	Naphthalene	<5.18	5.18	0.854	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	44	43.9	ug/Kg	100	62 - 127
1868-53-7	Dibromofluoromethane	44	48.1	ug/Kg	109	65 - 130
2037-26-5	Toluene d8	44	45.3	ug/Kg	103	71 - 132
17060-07-0	1,2-Dichloroethane-d4	44	47.3	ug/Kg	107	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906122002	**MW-35**	Solid	06/08/2009 18:00	06/12/2009 09:17

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/13/2009 16:39	CLH	413380

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<5.99	5.99	0.164	ug/Kg
108-88-3	**Toluene**	**1.01J**	**5.99**	**0.240**	**ug/Kg**
100-41-4	Ethylbenzene	<5.99	5.99	0.247	ug/Kg
1330-20-7	Xylene (total)	<12.0	12.0	0.822	ug/Kg
91-20-3	Naphthalene	<5.99	5.99	0.988	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50.8	52.4	ug/Kg	103	62 - 127
1868-53-7	Dibromofluoromethane	50.8	55.9	ug/Kg	110	65 - 130
2037-26-5	Toluene d8	50.8	54.2	ug/Kg	107	71 - 132
17060-07-0	1,2-Dichloroethane-d4	50.8	55.5	ug/Kg	109	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906122003	**DW-6**	Solid	06/08/2009 12:00	06/12/2009 09:17

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/13/2009 17:02	CLH	413380

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<6.08	6.08	0.167	ug/Kg
108-88-3	Toluene	<6.08	6.08	0.243	ug/Kg
100-41-4	Ethylbenzene	<6.08	6.08	0.250	ug/Kg
1330-20-7	Xylene (total)	<12.2	12.2	0.834	ug/Kg
91-20-3	Naphthalene	<6.08	6.08	1.00	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50.5	52.1	ug/Kg	103	62 - 127
1868-53-7	Dibromofluoromethane	50.5	55	ug/Kg	109	65 - 130
2037-26-5	Toluene d8	50.5	53.2	ug/Kg	105	71 - 132
17060-07-0	1,2-Dichloroethane-d4	50.5	49.5	ug/Kg	98	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906122004	**DW-10**	Solid	06/09/2009 09:45	06/12/2009 09:17

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/13/2009 17:24	CLH	413380

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<6.09	6.09	0.167	ug/Kg
108-88-3	Toluene	<6.09	6.09	0.243	ug/Kg
100-41-4	Ethylbenzene	<6.09	6.09	0.251	ug/Kg
1330-20-7	Xylene (total)	<12.2	12.2	0.835	ug/Kg
91-20-3	Naphthalene	<6.09	6.09	1.00	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	51.5	53.3	ug/Kg	103	62 - 127
1868-53-7	Dibromofluoromethane	51.5	56.6	ug/Kg	110	65 - 130
2037-26-5	Toluene d8	51.5	55	ug/Kg	107	71 - 132
17060-07-0	1,2-Dichloroethane-d4	51.5	56.2	ug/Kg	109	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906122005	**MW-33**	Solid	06/10/2009 10:30	06/12/2009 09:17

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/13/2009 17:47	CLH	413380

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<5.18	5.18	0.142	ug/Kg
108-88-3	Toluene	<5.18	5.18	0.207	ug/Kg
100-41-4	Ethylbenzene	<5.18	5.18	0.213	ug/Kg
1330-20-7	Xylene (total)	<10.4	10.4	0.711	ug/Kg
91-20-3	Naphthalene	<5.18	5.18	0.855	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	44.1	45.6	ug/Kg	103	62 - 127
1868-53-7	Dibromofluoromethane	44.1	49	ug/Kg	111	65 - 130
2037-26-5	Toluene d8	44.1	47.7	ug/Kg	108	71 - 132
17060-07-0	1,2-Dichloroethane-d4	44.1	49.8	ug/Kg	113	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906122006	**MW-31**	Solid	06/10/2009 11:00	06/12/2009 09:17

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/13/2009 18:10	CLH	413380

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<4.55	4.55	0.125	ug/Kg
108-88-3	Toluene	<4.55	4.55	0.182	ug/Kg
100-41-4	Ethylbenzene	<4.55	4.55	0.188	ug/Kg
1330-20-7	Xylene (total)	<9.11	9.11	0.625	ug/Kg
91-20-3	Naphthalene	<4.55	4.55	0.751	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	42.4	44.7	ug/Kg	105	62 - 127
1868-53-7	Dibromofluoromethane	42.4	47.3	ug/Kg	111	65 - 130
2037-26-5	Toluene d8	42.4	46.3	ug/Kg	109	71 - 132
17060-07-0	1,2-Dichloroethane-d4	42.4	49.4	ug/Kg	116	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906122007	**MW-32**	Solid	06/10/2009 12:45	06/12/2009 09:17

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/13/2009 18:32	CLH	413380

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<5.02	5.02	0.137	ug/Kg
108-88-3	**Toluene**	**1.07J**	**5.02**	**0.201**	**ug/Kg**
100-41-4	Ethylbenzene	<5.02	5.02	0.207	ug/Kg
1330-20-7	Xylene (total)	<10.0	10.0	0.688	ug/Kg
91-20-3	Naphthalene	<5.02	5.02	0.828	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	39.4	41.1	ug/Kg	104	62 - 127
1868-53-7	Dibromofluoromethane	39.4	42.2	ug/Kg	107	65 - 130
2037-26-5	Toluene d8	39.4	40.2	ug/Kg	102	71 - 132
17060-07-0	1,2-Dichloroethane-d4	39.4	46.5	ug/Kg	118	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GC/MS Volatiles Quality Control Summary

Analytical Batch	413380	Client ID	MB413380			LCS413380			LCSD413380			
Prep Batch	N/A	GCAL ID	733040			733041			733042			
		Sample Type	Method Blank			LCS			LCSD			
		Analytical Date	06/13/2009 13:24			06/13/2009 12:15			06/13/2009 12:38			
		Matrix	Solid			Solid			Solid			
SW-846 8260B		**Units**	ug/Kg	**Spike Added**	**Result**	**Result**	**% R**	**Control Limits**	**Result**	**% R**	**RPD**	**RPD Limit**
100-41-4	Ethylbenzene	<5.00	5.00	50.0	54.1	108	80 - 123	50.8	102	6	30
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00	50.0	47.9	96	69 - 131	47.2	94	1	30
1330-20-7	Xylene (total)	<10.0	10.0	150	158	105	80 - 120	152	101	4	30
91-20-3	Naphthalene	<5.00	5.00	50.0	47.5	95	58 - 137	50.0	100	5	30
71-43-2	Benzene	<5.00	5.00	50.0	54.3	109	78 - 120	51.9	104	5	21
108-88-3	Toluene	<5.00	5.00	50.0	52.5	105	78 - 122	49.4	99	6	21
Surrogate											
460-00-4	4-Bromofluorobenzene	50	100	50	51.4	103	62 - 127	48.9	98		
1868-53-7	Dibromofluoromethane	51.7	103	50	55.7	111	65 - 130	54	108		
2037-26-5	Toluene d8	55.5	111	50	51.1	102	71 - 132	51.3	103		
17060-07-0	1,2-Dichloroethane-d4	46.4	93	50	51.6	103	62 - 125	52.9	106		

Access Analytical - Chain of Custody Record

Access/4525/20606120/6.99

LAB USE ONLY

Project Work Order #_____ PO #_____ Access Quote #_____ LAB USE ONLY Laboratory ID:_____

Company Name: Terry Environmental

Report To: Kelly Cone

Address: PO Box 25

City: Summerville State: SC Zip: 29484

Phone: (843) 873-8200 Fax:

Email: KCone@Terryenvironmental.com

Project Name: Ft. Lil Cricket #339 2170D

Sampled By: L. Ortman

Sample Location/Description	Date Collected:	Time Collected:	Type: (grab or composite)	Matrix: (see codes)	# of cont.	Preservative: (*see codes below)	↓ REQUESTED LAB ANALYSIS: ↓	
MW-34	6/8/09	1910	grab	S	4		BTEX, Naph.	1
MW-35	6/8/09	1800						2
DW-6	6/8/09	1200						3
DW-10	6/9/09	0945						4
MW-33	6/10/09	1030						5
MW-31	6/10/09	1100						6
MW-32	6/10/09	1245	↓	↓	↓		↓	7

Chain Screen

ACCESS ANALYTICAL, INC.

7478 Carlisle Street
Irmo, SC 29063

Phone: (803) 781-4243
Fax: 781-4303
Toll Free (888) 315-4243
www.axs-inc.com

*Preservative Codes (place corresponding # in block above analysis field): 0=None, 1=HCL, 2=HNO_3, 3=H_2SO_4, 4=NaOH, 5=$Na_2S_2O_3$, 6=$NaHSO_4$, Other=Specify

*Matrix Codes (place corresponding code in sample matrix column): GW=ground water, WW=waste water, DW=drinking water, S=soil, SL=sludge, A=air, IW=industrial waste, WO=waste oil, OT=other (Specify in comments section)

NOTES / COMMENTS
(if sample is a composite please see space below to note start/finish times & dates)

Turnaround Time:

X Standard
___ RUSH*
*Date Required:_____
(For rush work, results emailed/faxed by end of business day on date required)

LAB USE ONLY
Samples Recd. on Ice?
X Yes
___ No
Receipt Temp ____

Project Location:
X SC
___ NC
___ Other_____(specify)

Relinquished By:	Date:	Time:	Received By:
Lauren Motte	6/10/09	1725	
Christ Pus	6/11/09	1210	FedEx
Fedex	6-12-9	917	

See Reverse for Terms and Conditions

Pg 1 of 1

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Pink Copy - Client Copy

ACCESS
ANALYTICAL, INC.

ANALYTICAL REPORT

CLIENT
Terry Environmental
P.O. Box 25
Summerville, SC 29484

ATTENTION
Kelly Cone

PROJECT ID
FR. Li'L Cricket #$339 / 2170D

LABORATORY REPORT NUMBER
209061918

DATE
06/29/2009

Primary Data Review By

Curtis Ekker
Mon Jun 29 09:22:24 2009

Curtis Ekker
Data Validation Manager, GCAL

Secondary Data Review By

Ashley B. Amick
Project Manager, Access Analytical, Inc.
aamick@accessanalyticalinc.com

PLEASE NOTE:

- **Unless otherwise noted, all analysis on this report performed at Gulf Coast Analytical Labs (GCAL), 7979 GSRI Rd. Baton Rouge, LA 70820.**

- **GCAL is SCDHEC certified laboratory # 73006, NCDENR certified lab # 618, GA certified lab # LA-01955, NELAP certified laboratory # 01955**

- Local support services for this project are provided by Access Analytical, Inc.. Access Analytical is a representative of GCAL serving clients in the SC/NC/GA areas. All questions regarding this report should be directed to your local Access Analytical representative at 803.781.4243 or toll free at 888.315.4243.

NELAP CERTIFICATE NUMBER 01955

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

Report Date 06/29/2009

GCAL Report 209061918

Deliver To	Terry Environmental P.O. Box 25 Summerville, SC 29484
Attn	Kelly Cone

Project FR. Li'L Cricket #$339 / 2170D

CASE NARRATIVE

Client: Terry Environmental Services **Report:** 209061918

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

VOLATILES MASS SPECTROMETRY

In the SW-846 8260B analysis for analytical batch 413745, no MS/MSD was performed due to insufficient sample volume. The LCS/LCSD is included for review.

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND	Indicates the result was Not Detected at the specified RDL
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
00:00	Reported as a time equivalent to 12:00 AM

Reporting Flags Utilized in this Report

J	Indicates an estimated value
U	Indicates the compound was analyzed for but not detected
B	(ORGANICS) Indicates the analyte was detected in the associated Method Blank
B	(INORGANICS) Indicates the result is between the RDL and MDL

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with ISO Guide 25 and NELAC, this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the NELAC standard and terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

Robyn Migues
Technical Director
GCAL REPORT 209061918

THIS REPORT CONTAINS _____ PAGES.

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906191801	MW-23	Solid	06/17/2009 09:50	06/19/2009 09:15
20906191802	MW-24	Solid	06/17/2009 09:15	06/19/2009 09:15
20906191803	MW-25	Solid	06/17/2009 08:40	06/19/2009 09:15
20906191804	MW-28	Solid	06/17/2009 11:15	06/19/2009 09:15
20906191805	MW-36	Solid	06/16/2009 16:30	06/19/2009 09:15
20906191806	MW-37	Solid	06/16/2009 15:00	06/19/2009 09:15

Summary of Compounds Detected

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906191801	MW-23	Solid	06/17/2009 09:50	06/19/2009 09:15

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
108-88-3	Toluene	1.21J	5.62	0.225	ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906191802	MW-24	Solid	06/17/2009 09:15	06/19/2009 09:15

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
108-88-3	Toluene	1.16J	5.72	0.229	ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906191803	MW-25	Solid	06/17/2009 08:40	06/19/2009 09:15

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
108-88-3	Toluene	0.965J	5.00	0.200	ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906191804	MW-28	Solid	06/17/2009 11:15	06/19/2009 09:15

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
108-88-3	Toluene	0.719J	5.07	0.203	ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906191805	MW-36	Solid	06/16/2009 16:30	06/19/2009 09:15

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
108-88-3	Toluene	0.949J	5.23	0.209	ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906191806	MW-37	Solid	06/16/2009 15:00	06/19/2009 09:15

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
108-88-3	Toluene	1.09J	5.75	0.230	ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906191801	**MW-23**	Solid	06/17/2009 09:50	06/19/2009 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/20/2009 12:16	RJU	413745

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<5.62	5.62	0.154	ug/Kg
108-88-3	**Toluene**	**1.21J**	**5.62**	**0.225**	**ug/Kg**
100-41-4	Ethylbenzene	<5.62	5.62	0.232	ug/Kg
1330-20-7	Xylene (total)	<11.2	11.2	0.771	ug/Kg
91-20-3	Naphthalene	<5.62	5.62	0.927	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	40	40.2	ug/Kg	101	62 - 127
1868-53-7	Dibromofluoromethane	40	38.5	ug/Kg	96	65 - 130
2037-26-5	Toluene d8	40	40.5	ug/Kg	101	71 - 132
17060-07-0	1,2-Dichloroethane-d4	40	38.1	ug/Kg	95	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906191802	**MW-24**	Solid	06/17/2009 09:15	06/19/2009 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/20/2009 12:38	RJU	413745

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<5.72	5.72	0.157	ug/Kg
108-88-3	**Toluene**	**1.16J**	**5.72**	**0.229**	**ug/Kg**
100-41-4	Ethylbenzene	<5.72	5.72	0.236	ug/Kg
1330-20-7	Xylene (total)	<11.4	11.4	0.785	ug/Kg
91-20-3	Naphthalene	<5.72	5.72	0.944	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	42.6	43	ug/Kg	101	62 - 127
1868-53-7	Dibromofluoromethane	42.6	43.1	ug/Kg	101	65 - 130
2037-26-5	Toluene d8	42.6	43.3	ug/Kg	102	71 - 132
17060-07-0	1,2-Dichloroethane-d4	42.6	43.5	ug/Kg	102	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906191803	**MW-25**	Solid	06/17/2009 08:40	06/19/2009 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/20/2009 13:01	RJU	413745

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<5.00	5.00	0.137	ug/Kg
108-88-3	**Toluene**	**0.965J**	**5.00**	**0.200**	**ug/Kg**
100-41-4	Ethylbenzene	<5.00	5.00	0.206	ug/Kg
1330-20-7	Xylene (total)	<10.0	10.0	0.687	ug/Kg
91-20-3	Naphthalene	<5.00	5.00	0.826	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	40.1	40	ug/Kg	100	62 - 127
1868-53-7	Dibromofluoromethane	40.1	38.1	ug/Kg	95	65 - 130
2037-26-5	Toluene d8	40.1	40	ug/Kg	100	71 - 132
17060-07-0	1,2-Dichloroethane-d4	40.1	40.7	ug/Kg	101	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906191804	**MW-28**	Solid	06/17/2009 11:15	06/19/2009 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/20/2009 13:24	RJU	413745

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<5.07	5.07	0.139	ug/Kg
108-88-3	**Toluene**	**0.719J**	**5.07**	**0.203**	**ug/Kg**
100-41-4	Ethylbenzene	<5.07	5.07	0.209	ug/Kg
1330-20-7	Xylene (total)	<10.1	10.1	0.695	ug/Kg
91-20-3	Naphthalene	<5.07	5.07	0.836	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	39.7	41.7	ug/Kg	105	62 - 127
1868-53-7	Dibromofluoromethane	39.7	41.1	ug/Kg	103	65 - 130
2037-26-5	Toluene d8	39.7	40.7	ug/Kg	102	71 - 132
17060-07-0	1,2-Dichloroethane-d4	39.7	42.7	ug/Kg	107	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906191805	**MW-36**	Solid	06/16/2009 16:30	06/19/2009 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/20/2009 13:47	RJU	413745

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<5.23	5.23	0.143	ug/Kg
108-88-3	**Toluene**	**0.949J**	**5.23**	**0.209**	**ug/Kg**
100-41-4	Ethylbenzene	<5.23	5.23	0.215	ug/Kg
1330-20-7	Xylene (total)	<10.5	10.5	0.717	ug/Kg
91-20-3	Naphthalene	<5.23	5.23	0.863	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	40.8	42.3	ug/Kg	104	62 - 127
1868-53-7	Dibromofluoromethane	40.8	40.1	ug/Kg	98	65 - 130
2037-26-5	Toluene d8	40.8	43.2	ug/Kg	106	71 - 132
17060-07-0	1,2-Dichloroethane-d4	40.8	38.9	ug/Kg	95	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906191806	**MW-37**	Solid	06/16/2009 15:00	06/19/2009 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/20/2009 14:10	RJU	413745

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<5.75	5.75	0.157	ug/Kg
108-88-3	**Toluene**	**1.09J**	**5.75**	**0.230**	**ug/Kg**
100-41-4	Ethylbenzene	<5.75	5.75	0.237	ug/Kg
1330-20-7	Xylene (total)	<11.5	11.5	0.789	ug/Kg
91-20-3	Naphthalene	<5.75	5.75	0.948	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	47.7	48.6	ug/Kg	102	62 - 127
1868-53-7	Dibromofluoromethane	47.7	47.5	ug/Kg	100	65 - 130
2037-26-5	Toluene d8	47.7	48.3	ug/Kg	101	71 - 132
17060-07-0	1,2-Dichloroethane-d4	47.7	49.7	ug/Kg	104	62 - 125

RESULTS REPORTED ON A DRY WEIGHT BASIS

GC/MS Volatiles Quality Control Summary

Analytical Batch	413745	Client ID	MB413745			LCS413745			LCSD413745			
Prep Batch	N/A	GCAL ID	734892			734893			734894			
		Sample Type	Method Blank			LCS			LCSD			
		Analytical Date	06/20/2009 10:43			06/20/2009 09:57			06/20/2009 11:06			
		Matrix	Solid			Solid			Solid			
SW-846 8260B		**Units**	ug/Kg	**Spike Added**	**Result**	**Result**	**% R**	**Control Limits**	**Result**	**% R**	**RPD**	**RPD Limit**
100-41-4	Ethylbenzene		<5.00	5.00	50.0	51.1	102	80 - 123	46.9	94	9	30
1634-04-4	tert-Butyl methyl ether (MTBE)		<5.00	5.00	50.0	46.1	92	69 - 131	42.7	85	8	30
1330-20-7	Xylene (total)		<10.0	10.0	150	150	100	80 - 120	144	96	4	30
91-20-3	Naphthalene		<5.00	5.00	50.0	58.5	117	58 - 137	53.1	106	10	30
71-43-2	Benzene		<5.00	5.00	50.0	47.9	96	78 - 120	47.7	95	0.4	21
108-88-3	Toluene		<5.00	5.00	50.0	48.6	97	78 - 122	48.2	96	0.8	21
Surrogate												
460-00-4	4-Bromofluorobenzene		53	106	50	49.9	100	62 - 127	53.2	106		
1868-53-7	Dibromofluoromethane		51.6	103	50	49.2	98	65 - 130	49.6	99		
2037-26-5	Toluene d8		50.1	100	50	49.5	99	71 - 132	51.7	103		
17060-07-0	1,2-Dichloroethane-d4		55.6	111	50	46	92	62 - 125	48.3	97		

Access Analytical - Chain of Custody Record

LAB USE ONLY

Project Work Order #: _____ PO #: _____ Access Quote #: _____ LAB USE ONLY Laboratory ID: _____

Company Name: Terry Environmental

Report To: Kelly Cone

Address: PO Box 25

City: Summerville State: SC Zip: 29484

Phone: (843) 873-8200 Fax:

Email: K Cone @ Terryenvironmental.com

Project Name: Ft. Li'L Cricket #339 2170D

Sampled By: L. Ortman

Sample Location/Description	Date Collected:	Time Collected:	Type: (grab or composite)	Matrix: (see codes)	# of cont.	Preservative: (*see codes below)	↓ REQUESTED LAB ANALYSIS: ↓ BTEX, Naph	
MW-23	6/17/09	0950	grab	S	4			-1
MW-24	6/17/09	0915	↓	↓	↓			-2
MW-25	6/17/09	0840						-3
MW-28	6/17/09	1115						-4
MW-36	6/16/09	1630						-5
MW-37	6/16/09	1500	↓	↓	↓		↓	-6

ACCESS ANALYTICAL, INC.

7478 Carlisle Street
Irmo, SC 29063

Phone: (803) 781-4243
Fax: 781-4303
Toll Free (888) 315-4243
www.axs-inc.com

*Preservative Codes (place corresponding # in block above analysis field): 0=None, 1=HCL, 2=HNO3, 3=H2SO4, 4=NaOH, 5=Na2S2O3, 6=NaHSO4, Other=Specify

*Matrix Codes (place corresponding code in sample matrix column): GW=ground water, WW=waste water, DW=drinking water, S=soil, SL=sludge, A=air, IW=industrial waste, WO=waste oil, OT=other (Specify in comments section)

NOTES / COMMENTS
(if sample is a composite please use space below to note start/finish times & dates)

Turnaround Time:

X Standard
___ RUSH*
*Date Required: _____
(For rush work, results emailed/faxed by end of business day on date required)

LAB USE ONLY

Samples Recd. on Ice?
X Yes
___ No
Receipt Temp 1.2°

Project Location:
X SC
___ NC
___ Other _____ (specify)

Relinquished By:	Date:	Time:	Received By:
[signature]	6/18/09	1330	[signature]
[signature]	6/18/09	1700	FEDEX
FEDEX	6/19/09	0915	A Marston

See Reverse for Terms and Conditions

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APPENDIX 6

Well Sampling Logs

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170D
SCDHEC Permit No.	07303
Project Name	Former Li'L Cricket #339
Date	6/22/09
Field Personnel	LO, GM
General Weather	Overcast
Ambient Air Temperature	85°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-21		
Testing Parameters	BTEX, NAPH, MTBE and EDB 1,2 DCA		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	40-55	ft	
Total Well Depth	55.0	ft	
Depth to Groundwater	49.56	ft	
Length of Water Column	5.44	ft	
1 Casing Volume (0.163)	0.87	gals	
3 Casing Volumes (0.489)	2.66	gals	55.0
Total Volume Purged	3	gals	

Volume (gal)	1	2	3							
Time	1645	1650	1655							
pH (su)	5.57	5.55	5.53							
Spec Conductivity	48.1	48.5	51.7							
Water Temperature	19.5	19.3	19.3							
Turbidity (subjective)	3	3	3							
Dissolved Oxygen (mg/L)	7.6	7.6	7.7							

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170D
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	6/22/09
Field Personnel	LD, GM
General Weather	Overcast
Ambient Air Temperature	85°F

Quality Assurance

pH Meter	Oakton		Conductivity Meter	Oakton	
Serial Number	73168		Serial Number	73168	
Calibration Constant	4.01		Calibration Constant	447 µS	
Calibration Constant	7.00		Calibration Constant	1413 µS	
Calibration Constant	10.00		Calibration Constant		

Monitoring Well Information

Well ID	MW-22		
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, & EDB		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	40-55	ft	
Total Well Depth	54.9	ft	54.9
Depth to Groundwater	48.02	ft	
Length of Water Column	6.88	ft	
1 Casing Volume (0.163)	1.12	gals	
3 Casing Volumes (0.489)	3.36	gals	
Total Volume Purged	3.75	gals	

Volume (gal)	1.25	2.5	3.75								
Time	1450	1500	1510								
pH (su)	5.79	5.77	5.76								
Spec Conductivity	100.1	96.6	102.7								
Water Temperature	20.4	20.1	20.0								
Turbidity (subjective)	2	2	2								
Dissolved Oxygen (mg/L)	5.5	5.9	5.8								

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services
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Site Specific Information

Terry Project ID	2170D
SCDHEC Permit No.	07303
Project Name	Former Li'L Cricket #339
Date	6/22/09
Field Personnel	LO, GM
General Weather	Cloudy
Ambient Air Temperature	85°

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-23
Testing Parameters	BTEX, NAPH, MTBE and EDB 1,2 DCA

Well Diameter	2	in
Screened Interval	40-55	ft
Total Well Depth	55.30	ft
Depth to Groundwater	48.52	ft
Length of Water Column	6.78	ft
1 Casing Volume (0.163)	1.10	gals
3 Casing Volumes (0.489)	3.30	gals
Total Volume Purged	3.75	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

55.30

Volume (gal)	1.25	2.50	3.75							
Time	1345	1350	1400							
pH (su)	7.09	7.01	7.00							
Spec Conductivity	252	250	250							
Water Temperature	20.6	19.8	19.6							
Turbidity (subjective)	2	3	3							
Dissolved Oxygen (mg/L)	3.8	3.6	3.2							

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

- petro odor

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170D
SCDHEC Permit No.	07303
Project Name	Former Li'L Cricket #339
Date	6/22/09
Field Personnel	LO, GM
General Weather	Cloudy
Ambient Air Temperature	85°

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-24
Testing Parameters	BTEX, NAPH, MTBE and EDB 1,2 DCA

Well Diameter	2	in
Screened Interval	40-55	ft
Total Well Depth	54.85	ft
Depth to Groundwater	48.43	ft
Length of Water Column	6.42	ft
1 Casing Volume (0.163)	1.05	gals
3 Casing Volumes (0.489)	3.15	gals
Total Volume Purged	3.75	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

54.85

Volume (gal)	1.25	2.5	3.75								
Time	13:50	14:00	14:10								
pH (su)	6.59	6.26	6.21								
Spec Conductivity	319	317	315								
Water Temperature	20.0	20.5	20.4								
Turbidity (subjective)	2	3	3								
Dissolved Oxygen (mg/L)	2.0	2.2	2.2								

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	↓
-other comments	

Additional Comments

Slight petro smell

Groundwater Sampling Log

TERRY Environmental Services
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Site Specific Information	
Terry Project ID	2170D
SCDHEC Permit No.	07303
Project Name	Former Li'L Cricket #339
Date	6/22/09
Field Personnel	LO, GM
General Weather	Overcast
Ambient Air Temperature	85°F

Quality Assurance			
pH Meter	Oakton	Conductivity Meter	Oakton
Serial Number	73168	Serial Number	73168
Calibration Constant	4.01	Calibration Constant	447 µS
Calibration Constant	7.00	Calibration Constant	1413 µS
Calibration Constant	10.00	Calibration Constant	

Monitoring Well Information		
Well ID	MW-25	
Testing Parameters	BTEX, NAPH, MTBE and EDB 1,2 DCA	
Well Diameter	2	in
Screened Interval	39-54	ft
Total Well Depth	54.10	ft
Depth to Groundwater	46.31	ft
Length of Water Column	7.79	ft
1 Casing Volume (0.163)	1.27	gals
3 Casing Volumes (0.489)	3.8	gals
Total Volume Purged	4.5	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

54.10

Volume (gal)	1.5	3.0	4.5							
Time	1420	1430	1440							
pH (su)	6.02	6.02	5.99							
Spec Conductivity	311	298	289							
Water Temperature	20.3	20.0	20.0							
Turbidity (subjective)	2	3	3							
Dissolved Oxygen (mg/L)	1.3	1.2	1.2							

Well Condition Information	
-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	↓
-other comments	

Additional Comments

Strong petro odor

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170D
SCDHEC Permit No.	07303
Project Name	Former Li'L Cricket #339
Date	6/22/09
Field Personnel	LO, GM
General Weather	Sunny
Ambient Air Temperature	85°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-26
Testing Parameters	BTEX, NAPH, MTBE and EDB 1,2 DCA

Well Diameter	2	in
Screened Interval	37-52	ft
Total Well Depth	51.05	ft
Depth to Groundwater	43.96	ft
Length of Water Column	7.09	ft
1 Casing Volume (0.163)	1.16	gals
3 Casing Volumes (0.489)	3.47	gals
Total Volume Purged	2.75	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

51.05

Volume (gal)	1.25	2.5	2.75								
Time	1615	1625	1635								
pH (su)	5.98	6.01	6.03								
Spec Conductivity	203	291	293								
Water Temperature	19.9	19.9	20.0								
Turbidity (subjective)	3	3	3								
Dissolved Oxygen (mg/L)	2.5	2.8	3.3								

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

- Soft bottom
- dry @ 2.75 gallons
- Slight petro odor

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170D
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	6/22/09
Field Personnel	LO, GM
General Weather	Sunny
Ambient Air Temperature	85°F

Quality Assurance

pH Meter	Oakton		Conductivity Meter	Oakton	
Serial Number	73168		Serial Number	73168	
Calibration Constant	4.01		Calibration Constant	447 µS	
Calibration Constant	7.00		Calibration Constant	1413 µS	
Calibration Constant	10.00		Calibration Constant		

Monitoring Well Information

Well ID	MW-27
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, & EDB

Well Diameter	2	in
Screened Interval	40-55	ft
Total Well Depth	54.33	ft
Depth to Groundwater	46.59	ft
Length of Water Column	7.74	ft
1 Casing Volume (0.163)	1.26	gals
3 Casing Volumes (0.489)	3.78	gals
Total Volume Purged	4.5	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

54.33

Volume (gal)	1.5	3.0	4.5								
Time	1540	1545	1555								
pH (su)	6.41	6.37	6.25								
Spec Conductivity	296	302	308								
Water Temperature	20.7	21.0	20.9								
Turbidity (subjective)	2	2	2								
Dissolved Oxygen (mg/L)	0.9	1.0	1.0								

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

- Strong petro odor

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170D
SCDHEC Permit No.	07303
Project Name	Former Li'L Cricket #339
Date	6/22/09
Field Personnel	LO, GM
General Weather	Sunny
Ambient Air Temperature	85°F

Quality Assurance

pH Meter	Oakton	Conductivity Meter	Oakton
Serial Number	73168	Serial Number	73168
Calibration Constant	4.01	Calibration Constant	447 µS
Calibration Constant	7.00	Calibration Constant	1413 µS
Calibration Constant	10.00	Calibration Constant	

Monitoring Well Information

Well ID	MW-28
Testing Parameters	BTEX, NAPH, MTBE and EDB 1,2 DCA

Well Diameter	2	in
Screened Interval	40-55	ft
Total Well Depth	54.9	ft
Depth to Groundwater	48.87	ft
Length of Water Column	6.03	ft
1 Casing Volume (0.163)	0.98	gals
3 Casing Volumes (0.489)	2.95	gals
Total Volume Purged	3	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

54.9

	1	2	3
Volume (gal)			
Time	15:35	15:40	15:45
pH (su)	7.35	6.33	5.96
Spec Conductivity	140.3	125.2	123.0
Water Temperature	20.4	20.2	21.1
Turbidity (subjective)	3	3	3
Dissolved Oxygen (mg/L)	4.1	3.7	3.4

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170D
SCDHEC Permit No.	07303
Project Name	Former Li'L Cricket #339
Date	6/22/09
Field Personnel	LO, GM
General Weather	Overcast
Ambient Air Temperature	85°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-29
Testing Parameters	BTEX, NAPH, MTBE and EDB 1,2 DCA

Well Diameter	2	in
Screened Interval	40-55	ft
Total Well Depth	55.2	ft
Depth to Groundwater	46.43	ft
Length of Water Column	8.77	ft
1 Casing Volume (0.163)	1.43	gals
3 Casing Volumes (0.489)	4.29	gals
Total Volume Purged	4.5	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

55.2

Volume (gal)	1.5	3.0	4.5								
Time	1215	1225	1235								
pH (su)	6.10	6.13	6.15								
Spec Conductivity	254	277	292								
Water Temperature	20.2	20.0	19.8								
Turbidity (subjective)	2	2	2								
Dissolved Oxygen (mg/L)	1.7	1.0	0.7								

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

- Strong petro odor

Groundwater Sampling Log

TERRY Environmental Services
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Site Specific Information

Terry Project ID	2170D
SCDHEC Permit No.	07303
Project Name	Former Li'L Cricket #339
Date	6/22/09
Field Personnel	LO, GM
General Weather	cloudy
Ambient Air Temperature	85°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-30
Testing Parameters	BTEX, NAPH, MTBE and EDB 1,2 DCA

Well Diameter	2	in
Screened Interval	45-60	ft
Total Well Depth	60.4	ft
Depth to Groundwater	40.72	ft
Length of Water Column	19.68	ft
1 Casing Volume (0.163)	3.21	gals
3 Casing Volumes (0.489)	9.62	gals
Total Volume Purged	9.75	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

Volume (gal)	3.25	6.5	9.75								
Time	1125	1140	1155								
pH (su)	6.89	6.97	6.98								
Spec Conductivity	339	468	472								
Water Temperature	21.7	21.0	21.0								
Turbidity (subjective)	3	3	3								
Dissolved Oxygen (mg/L)	2.6	3.0	2.8								

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

- Slight petro odor

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170D
SCDHEC Permit No.	07303
Project Name	Former Li'L Cricket #339
Date	6/22/09
Field Personnel	LO, GM
General Weather	Overcast
Ambient Air Temperature	80°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-31		
Testing Parameters	BTEX, NAPH, MTBE and EDB 1,2 DCA		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	26-41	ft	
Total Well Depth	40.33	ft	
Depth to Groundwater	32.82	ft	40.33
Length of Water Column	7.51	ft	
1 Casing Volume (0.163)	1.22	gals	
3 Casing Volumes (0.489)	3.66	gals	
Total Volume Purged	3.75	gals	

Volume (gal)	1.25	2.50	3.75								
Time	2025	2030	2035								
pH (su)	6.38	6.27	6.26								
Spec Conductivity	204	202	197								
Water Temperature	20.0	19.8	19.8								
Turbidity (subjective)	3	3	3								
Dissolved Oxygen (mg/L)	4.6	5.1	5.1								

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170D
SCDHEC Permit No.	07303
Project Name	Former Li'L Cricket #339
Date	6/22/09
Field Personnel	LO, GM
General Weather	Overcast
Ambient Air Temperature	80F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-32	
Testing Parameters	BTEX, NAPH, MTBE and EDB 1,2 DCA	
Well Diameter	2	in
Screened Interval	30-45	ft
Total Well Depth	44.42	ft
Depth to Groundwater	34.86	ft
Length of Water Column	9.56	ft
1 Casing Volume (0.163)	1.56	gals
3 Casing Volumes (0.489)	4.67	gals
Total Volume Purged	5.25	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

44.42

Volume (gal)	1.75	3.5	5.25							
Time	2005	2010	2020							
pH (su)	6.17	6.19	6.21							
Spec Conductivity	256	290	320							
Water Temperature	20.2	19.8	19.8							
Turbidity (subjective)	3	3	3							
Dissolved Oxygen (mg/L)	5.2	5.5	5.7							

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	"
-manhole and cover acceptable?	"
-well pad acceptable?	"
-area safe?	"
-other comments	

Additional Comments

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170D
SCDHEC Permit No.	07303
Project Name	Former Li'L Cricket #339
Date	6/22/09
Field Personnel	LO, GM
General Weather	Overcast
Ambient Air Temperature	80°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-33		
Testing Parameters	BTEX, NAPH, MTBE and EDB 1,2 DCA		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	29-44	ft	
Total Well Depth	43.53	ft	
Depth to Groundwater	36.67	ft	
Length of Water Column	6.87	ft	
1 Casing Volume (0.163)	1.12	gals	
3 Casing Volumes (0.489)	3.35	gals	43.53
Total Volume Purged	3.75	gals	

Volume (gal)	1.25	2.5	3.75							
Time	20:00	20:05	20:10							
pH (su)	5.51	5.82	6.17							
Spec Conductivity	141.6	147.7	146.5							
Water Temperature	20.0	20.0	20.1							
Turbidity (subjective)	3	3	3							
Dissolved Oxygen (mg/L)	5.3	4.8	4.8							

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170D
SCDHEC Permit No.	07303
Project Name	Former Li'L Cricket #339
Date	6/22/09
Field Personnel	LO, GM
General Weather	Overcast
Ambient Air Temperature	80°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-34
Testing Parameters	BTEX, NAPH, MTBE and EDB 1,2DCA

Well Diameter	2	in
Screened Interval	30-45	ft
Total Well Depth	45.0	ft
Depth to Groundwater	39.61	ft
Length of Water Column	5.39	ft
1 Casing Volume (0.163)	0.88	gals
3 Casing Volumes (0.489)	2.64	gals
Total Volume Purged	3	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

45.0

Volume (gal)	1	2	3								
Time	1900	1905	1910								
pH (su)	5.22	5.23	5.26								
Spec Conductivity	56.9	57.7	59.7								
Water Temperature	20.7	20.7	20.6								
Turbidity (subjective)	3	3	3								
Dissolved Oxygen (mg/L)	6.0	6.2	5.7								

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	"
-manhole and cover acceptable?	"
-well pad acceptable?	"
-area safe?	"
-other comments	

Additional Comments

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170D
SCDHEC Permit No.	07303
Project Name	Former Li'L Cricket #339
Date	6/22/09
Field Personnel	LO, GM
General Weather	Overcast
Ambient Air Temperature	80°F

Quality Assurance

pH Meter	Oakton	Conductivity Meter	Oakton
Serial Number	73168	Serial Number	73168
Calibration Constant	4.01	Calibration Constant	447 µS
Calibration Constant	7.00	Calibration Constant	1413 µS
Calibration Constant	10.00	Calibration Constant	

Monitoring Well Information

Well ID	MW-35	
Testing Parameters	BTEX, NAPH, MTBE and EDB 1,2 DCA	
Well Diameter	2	in
Screened Interval	31-46	ft
Total Well Depth	45.26	ft
Depth to Groundwater	40.48	ft
Length of Water Column	4.78	ft
1 Casing Volume (0.163)	0.78	gals
3 Casing Volumes (0.489)	2.34	gals
Total Volume Purged	3	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

45.26

Volume (gal)	1	2	3
Time	19:00	19:20	19:25
pH (su)	9.20	7.44	6.35
Spec Conductivity	57.0	39.2	33.0
Water Temperature	20.7	20.7	20.5
Turbidity (subjective)	2	3	3
Dissolved Oxygen (mg/L)	6.5	6.5	6.5

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170D
SCDHEC Permit No.	07303
Project Name	Former Li'L Cricket #339
Date	6/22/09
Field Personnel	LO, GM
General Weather	Overcast
Ambient Air Temperature	80°F

Quality Assurance

pH Meter	Oakton	Conductivity Meter	Oakton
Serial Number	73168	Serial Number	73168
Calibration Constant	4.01	Calibration Constant	447 µS
Calibration Constant	7.00	Calibration Constant	1413 µS
Calibration Constant	10.00	Calibration Constant	

Monitoring Well Information

Well ID	MW-36	
Testing Parameters	BTEX, NAPH, MTBE and EDB 1,2 DCA	
Well Diameter	2	in
Screened Interval	31-46	ft
Total Well Depth	46.3	ft
Depth to Groundwater	40.42	ft
Length of Water Column	5.88	ft
1 Casing Volume (0.163)	0.96	gals
3 Casing Volumes (0.489)	2.87	gals
Total Volume Purged	3	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

46.3

Volume (gal)	1	2	3								
Time	1930	1935	1940								
pH (su)	6.86	6.87	6.89								
Spec Conductivity	58.4	52.4	53.6								
Water Temperature	19.7	19.6	19.6								
Turbidity (subjective)	3	3	3								
Dissolved Oxygen (mg/L)	7.2	7.4	7.2								

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170D
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	6/22/09
Field Personnel	LO, GM
General Weather	Overcast
Ambient Air Temperature	85°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-37
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, & EDB

Well Diameter	2	in
Screened Interval	29-44	ft
Total Well Depth	44.6	ft
Depth to Groundwater	35.92	ft
Length of Water Column	8.68	ft
1 Casing Volume (0.163)	1.41	gals
3 Casing Volumes (0.489)	4.24	gals
Total Volume Purged	4.5	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

44.6

Volume (gal)	1.5	3.0	4.5								
Time	1735	1745	1755								
pH (su)	5.32	5.25	5.27								
Spec Conductivity	77.2	76.3	75.4								
Water Temperature	21.0	20.5	20.7								
Turbidity (subjective)	3	3	3								
Dissolved Oxygen (mg/L)	6.5	7.4	7.3								

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	↓
-well pad acceptable?	↓
-area safe?	↓
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170D
SCDHEC Permit No.	07303
Project Name	Former Li'L Cricket #339
Date	6/22/09
Field Personnel	LO, GM
General Weather	Cloudy
Ambient Air Temperature	85°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-38
Testing Parameters	BTEX, NAPH, MTBE and EDB 1,2 DCA

Well Diameter	2	in
Screened Interval	32-47	ft
Total Well Depth	47.27	ft
Depth to Groundwater	34.61	ft
Length of Water Column	12.66	ft
1 Casing Volume (0.163)	2.06	gals
3 Casing Volumes (0.489)	6.18	gals
Total Volume Purged	6.75	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

47.27

Volume (gal)	2.25	4.50	6.75							
Time	1815	18:20	18:25							
pH (su)	5.65	5.59	5.58							
Spec Conductivity	91.8	89.9	89.9							
Water Temperature	20.0	20.1	20.1							
Turbidity (subjective)	3	3	3							
Dissolved Oxygen (mg/L)	6.6	6.2	6.0							

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170D
SCDHEC Permit No.	07303
Project Name	Former Li'L Cricket #339
Date	6/22/09
Field Personnel	LO, GM
General Weather	Cloudy
Ambient Air Temperature	85°

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	DW-5
Testing Parameters	BTEX, NAPH, MTBE and EDB 1,2 DCA

Well Diameter	2	in
Screened Interval	75-80	ft
Total Well Depth	79.92	ft
Depth to Groundwater	45.55	ft
Length of Water Column	34.37	ft
1 Casing Volume (0.163)	5.60	gals
3 Casing Volumes (0.489)	16.80	gals
Total Volume Purged	5.25	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

79.92

Volume (gal)	5.25										
Time	15:00										
pH (su)	12.52										
Spec Conductivity	18.40mS										
Water Temperature	21.9										
Turbidity (subjective)	2										
Dissolved Oxygen (mg/L)	6.5										

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Day @ 5.25 gallons; enough to sample

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170D
SCDHEC Permit No.	07303
Project Name	Former Li'L Cricket #339
Date	6/22/09 - 6/23/09
Field Personnel	LO, GM
General Weather	Cloudy
Ambient Air Temperature	85F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	DW-6	
Testing Parameters	BTEX, NAPH, MTBE and EDB 1,2 DCA	
Well Diameter	2	in
Screened Interval	115-130	ft
Total Well Depth	129.76	ft
Depth to Groundwater	63.39	ft
Length of Water Column	66.37	ft
1 Casing Volume (0.163)	10.8	gals
3 Casing Volumes (0.489)	32.4	gals
Total Volume Purged	8.5	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

129.76

Volume (gal)	8.5	8.5										
Time	1230	0755										
pH (su)	10.76	10.66										
Spec Conductivity	630	672										
Water Temperature	19.8	20.3										
Turbidity (subjective)	3	3										
Dissolved Oxygen (mg/L)	3.3	1.9										

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

- dry @ 8.5 gallons, await till tomorrow for recharge / sample
- 6/23/09 H2O level at 116.73, Sample at 0755

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170D
SCDHEC Permit No.	07303
Project Name	Former Li'L Cricket #339
Date	6/22/09 – 6/23/09
Field Personnel	LO, GM
General Weather	Cloudy
Ambient Air Temperature	85F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	DW-7	
Testing Parameters	BTEX, NAPH, MTBE and EDB 1,2 DCA	
Well Diameter	2	in
Screened Interval	115-120	ft
Total Well Depth	120.60	ft
Depth to Groundwater	113.41	ft
Length of Water Column	7.19	ft
1 Casing Volume (0.163)	1.17	gals
3 Casing Volumes (0.489)	3.51	gals
Total Volume Purged	2.0	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

120.60

Volume (gal)	1.5	2	2								
Time	1050	1100	0800								
pH (su)	12.11	12.14	12.16								
Spec Conductivity	4.56ms	4.24ms	4.14ms								
Water Temperature	20.4	20.3	20.1								
Turbidity (subjective)	1	3	3								
Dissolved Oxygen (mg/L)	4.7	4.6	3.4								

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

dry @ 2 gallons wait recharge over night (purge 6/22/09)

– 6/23/09 H_2O @ 117.02 Sample at 0800

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information	
Terry Project ID	2170D
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	6/22/09
Field Personnel	LO, GM
General Weather	Cloudy
Ambient Air Temperature	85F

Quality Assurance			
pH Meter	Oakton	Conductivity Meter	Oakton
Serial Number	73168	Serial Number	73168
Calibration Constant	4.01	Calibration Constant	447 µS
Calibration Constant	7.00	Calibration Constant	1413 µS
Calibration Constant	10.00	Calibration Constant	

Monitoring Well Information		
Well ID	DW-9	
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, & EDB	
Well Diameter	2	in
Screened Interval	75-80	ft
Total Well Depth	80.14	ft
Depth to Groundwater	37.64	ft
Length of Water Column	42.50	ft
1 Casing Volume (0.163)	6.92	gals
3 Casing Volumes (0.489)	20.76	gals
Total Volume Purged	21	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

80.14

Volume (gal)	7	14	21								
Time	1755	1800	1810								
pH (su)	6.43	6.41	6.47								
Spec Conductivity	170.5	159.4	152.7								
Water Temperature	19.7	19.9	19.6								
Turbidity (subjective)	1	1	1								
Dissolved Oxygen (mg/L)	5.4	5.7	5.9								

Well Condition Information	
-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170D
SCDHEC Permit No.	07303
Project Name	Former Li'L Cricket #339
Date	~~6/22/09~~ 6/23/09
Field Personnel	LO, GM
General Weather	Cloudy
Ambient Air Temperature	85F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	DW-10	
Testing Parameters	BTEX, NAPH, MTBE and EDB 1,2 DCA	
Well Diameter	2	in
Screened Interval	115-120	ft
Total Well Depth	119.85	ft
Depth to Groundwater	37.84	ft
Length of Water Column	82.01	ft
1 Casing Volume (0.163)	13.36	gals
3 Casing Volumes (0.489)	40.08	gals
Total Volume Purged	21.25	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

119.85

Volume (gal)	13.5	21.25									
Time	19:00	7:36									
pH (su)	11.71	12.22									
Spec Conductivity	5.37mS	4.09mS									
Water Temperature	21.9	20.8									
Turbidity (subjective)	1	1									
Dissolved Oxygen (mg/L)	6.7	5.5									

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	↓
-well pad acceptable?	↓
-area safe?	↓
-other comments	

Additional Comments

Dry @ 21.25 gallons - enough to sample

APPENDIX 7

Groundwater Analytical Data

ACCESS
ANALYTICAL, INC.

ANALYTICAL REPORT

CLIENT
Terry Environmental
P.O. Box 25
Summerville, SC 29484

ATTENTION
Kelly Cone

PROJECT ID
2170 D / Li'l Cricket #339

LABORATORY REPORT NUMBER
209062512

DATE
06/30/2009

Primary Data Review By

Curtis Ekker
Data Validation Manager, GCAL

Secondary Data Review By

Ashley B. Amick
Project Manager, Access Analytical, Inc.
aamick@accessanalyticalinc.com

PLEASE NOTE:

- **Unless otherwise noted, all analysis on this report performed at Gulf Coast Analytical Labs (GCAL), 7979 GSRI Rd. Baton Rouge, LA 70820.**

- **GCAL is SCDHEC certified laboratory # 73006, NCDENR certified lab # 618, GA certified lab # LA-01955, NELAP certified laboratory # 01955**

- Local support services for this project are provided by Access Analytical, Inc.. Access Analytical is a representative of GCAL serving clients in the SC/NC/GA areas. All questions regarding this report should be directed to your local Access Analytical representative at 803.781.4243 or toll free at 888.315.4243.

NELAP CERTIFICATE NUMBER 01955

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

Report Date 06/30/2009

GCAL Report 209062512

Deliver To	Terry Environmental P.O. Box 25 Summerville, SC 29484
Attn	Kelly Cone

Project 2170 D / Li'l Cricket #339

CASE NARRATIVE

Client: Terry Environmental Services **Report:** 209062512

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

VOLATILES MASS SPECTROMETRY

In the SW-846 8260B analysis, samples 20906251204 (MW-24), 20906251205 (MW-25), 20906251206 (MW-26) and 20906251207 (MW-27) had to be diluted to bracket the concentration of target compounds within the calibration range of the instrument.

In the SW-846 8260B analysis of sample 20906251219 (DW-5), the recovery for the surrogate Dibromofluoromethane was outside of the established control limits. The sample was re-analyzed and similar results were observed.

In the SW-846 8260B analysis for analytical batch 414140, the LCS/LCSD exhibited marginal sporadic recovery failures for the extended list of spike compounds.

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND	Indicates the result was Not Detected at the specified RDL
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
00:00	Reported as a time equivalent to 12:00 AM

Reporting Flags Utilized in this Report

J	Indicates an estimated value
U	Indicates the compound was analyzed for but not detected
B	(ORGANICS) Indicates the analyte was detected in the associated Method Blank
B	(INORGANICS) Indicates the result is between the RDL and MDL

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with ISO Guide 25 and NELAC, this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the NELAC standard and terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

Robyn Migues
Technical Director
GCAL REPORT 209062512

THIS REPORT CONTAINS _____ PAGES.

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251201	MW-21	Water	06/22/2009 16:55	06/25/2009 09:50
20906251202	MW-22	Water	06/22/2009 15:10	06/25/2009 09:50
20906251203	MW-23	Water	06/22/2009 14:00	06/25/2009 09:50
20906251204	MW-24	Water	06/22/2009 14:10	06/25/2009 09:50
20906251205	MW-25	Water	06/22/2009 14:40	06/25/2009 09:50
20906251206	MW-26	Water	06/22/2009 16:35	06/25/2009 09:50
20906251207	MW-27	Water	06/22/2009 15:55	06/25/2009 09:50
20906251208	MW-28	Water	06/22/2009 15:45	06/25/2009 09:50
20906251209	MW-29	Water	06/22/2009 12:35	06/25/2009 09:50
20906251210	MW-30	Water	06/22/2009 11:55	06/25/2009 09:50
20906251211	MW-31	Water	06/22/2009 20:35	06/25/2009 09:50
20906251212	MW-32	Water	06/22/2009 20:20	06/25/2009 09:50
20906251213	MW-33	Water	06/22/2009 20:10	06/25/2009 09:50
20906251214	MW-34	Water	06/22/2009 19:10	06/25/2009 09:50
20906251215	MW-35	Water	06/22/2009 19:25	06/25/2009 09:50
20906251216	MW-36	Water	06/22/2009 19:40	06/25/2009 09:50
20906251217	MW-37	Water	06/22/2009 17:55	06/25/2009 09:50
20906251218	MW-38	Water	06/22/2009 18:25	06/25/2009 09:50
20906251219	DW-5	Water	06/22/2009 15:00	06/25/2009 09:50
20906251220	DW-6	Water	06/23/2009 07:55	06/25/2009 09:50
20906251221	DW-7	Water	06/23/2009 08:00	06/25/2009 09:50
20906251222	DW-9	Water	06/22/2009 18:10	06/25/2009 09:50
20906251223	DW-10	Water	06/23/2009 07:30	06/25/2009 09:50

Summary of Compounds Detected

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251204	**MW-24**	Water	06/22/2009 14:10	06/25/2009 09:50

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	233	20.0	1.49	ug/L
108-88-3	Toluene	195	20.0	1.64	ug/L
100-41-4	Ethylbenzene	1040	20.0	1.04	ug/L
1330-20-7	Xylene (total)	2990	60.0	6.68	ug/L
91-20-3	Naphthalene	312	100	2.02	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	19.5J	20.0	1.94	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251205	**MW-25**	Water	06/22/2009 14:40	06/25/2009 09:50

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	299	10.0	0.747	ug/L
108-88-3	Toluene	65.8	10.0	0.820	ug/L
100-41-4	Ethylbenzene	635	10.0	0.522	ug/L
1330-20-7	Xylene (total)	1260	30.0	3.34	ug/L
91-20-3	Naphthalene	226	50.0	1.01	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	103	10.0	0.972	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251206	**MW-26**	Water	06/22/2009 16:35	06/25/2009 09:50

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	399	10.0	0.747	ug/L
108-88-3	Toluene	119	10.0	0.820	ug/L
100-41-4	Ethylbenzene	335	10.0	0.522	ug/L
1330-20-7	Xylene (total)	1160	30.0	3.34	ug/L
91-20-3	Naphthalene	165	50.0	1.01	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	156	10.0	0.972	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251207	**MW-27**	Water	06/22/2009 15:55	06/25/2009 09:50

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	500	10.0	0.747	ug/L
108-88-3	Toluene	13.1	10.0	0.820	ug/L
100-41-4	Ethylbenzene	261	10.0	0.522	ug/L
1330-20-7	Xylene (total)	96.8	30.0	3.34	ug/L
91-20-3	Naphthalene	60.9	50.0	1.01	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	1060	10.0	0.972	ug/L

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251208	**MW-28**	Water	06/22/2009 15:45	06/25/2009 09:50

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
91-20-3	Naphthalene	3.98J	5.00	0.101	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.749J	1.00	0.097	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251209	**MW-29**	Water	06/22/2009 12:35	06/25/2009 09:50

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	14.4	1.00	0.075	ug/L
108-88-3	Toluene	11.3	1.00	0.082	ug/L
100-41-4	Ethylbenzene	65.4	1.00	0.052	ug/L
1330-20-7	Xylene (total)	302	3.00	0.334	ug/L
91-20-3	Naphthalene	29.0	5.00	0.101	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	44.2	1.00	0.097	ug/L
107-06-2	1,2-Dichloroethane	4.39	1.00	0.064	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251210	**MW-30**	Water	06/22/2009 11:55	06/25/2009 09:50

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	3.06	1.00	0.075	ug/L
100-41-4	Ethylbenzene	1.25	1.00	0.052	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	31.4	1.00	0.097	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251219	**DW-5**	Water	06/22/2009 15:00	06/25/2009 09:50

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	1.93	1.00	0.075	ug/L
108-88-3	Toluene	1.22	1.00	0.082	ug/L
100-41-4	Ethylbenzene	2.36	1.00	0.052	ug/L
1330-20-7	Xylene (total)	1.24J	3.00	0.334	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	2.42	1.00	0.097	ug/L

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251221	DW-7	Water	06/23/2009 08:00	06/25/2009 09:50

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
1634-04-4	tert-Butyl methyl ether (MTBE)	1.60	1.00	0.097	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251222	DW-9	Water	06/22/2009 18:10	06/25/2009 09:50

SW-846 8260B

CAS#	Parameter	Result	RDL	MDL	Units
1634-04-4	tert-Butyl methyl ether (MTBE)	1.20	1.00	0.097	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251201	**MW-21**	Water	06/22/2009 16:55	06/25/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/27/2009 04:32	CLH	414136

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<1.00	1.00	0.075	ug/L
108-88-3	Toluene	<1.00	1.00	0.082	ug/L
100-41-4	Ethylbenzene	<1.00	1.00	0.052	ug/L
1330-20-7	Xylene (total)	<3.00	3.00	0.334	ug/L
91-20-3	Naphthalene	<5.00	5.00	0.101	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<1.00	1.00	0.097	ug/L
107-06-2	1,2-Dichloroethane	<1.00	1.00	0.064	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.7	ug/L	97	78 - 130
1868-53-7	Dibromofluoromethane	50	53.9	ug/L	108	77 - 127
2037-26-5	Toluene d8	50	54.4	ug/L	109	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	48.7	ug/L	97	71 - 127

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
06/26/2009 12:30	414044	SW-846 8011	1	06/29/2009 11:37	TLS	414251

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251202	**MW-22**	Water	06/22/2009 15:10	06/25/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/27/2009 04:57	CLH	414136

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<1.00	1.00	0.075	ug/L
108-88-3	Toluene	<1.00	1.00	0.082	ug/L
100-41-4	Ethylbenzene	<1.00	1.00	0.052	ug/L
1330-20-7	Xylene (total)	<3.00	3.00	0.334	ug/L
91-20-3	Naphthalene	<5.00	5.00	0.101	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<1.00	1.00	0.097	ug/L
107-06-2	1,2-Dichloroethane	<1.00	1.00	0.064	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	50.3	ug/L	101	78 - 130
1868-53-7	Dibromofluoromethane	50	53.1	ug/L	106	77 - 127
2037-26-5	Toluene d8	50	55.1	ug/L	110	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	48.8	ug/L	98	71 - 127

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
06/26/2009 12:30	414044	SW-846 8011	1	06/29/2009 12:02	TLS	414251

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251203	**MW-23**	Water	06/22/2009 14:00	06/25/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/27/2009 05:21	CLH	414136

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<1.00	1.00	0.075	ug/L
108-88-3	Toluene	<1.00	1.00	0.082	ug/L
100-41-4	Ethylbenzene	<1.00	1.00	0.052	ug/L
1330-20-7	Xylene (total)	<3.00	3.00	0.334	ug/L
91-20-3	Naphthalene	<5.00	5.00	0.101	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<1.00	1.00	0.097	ug/L
107-06-2	1,2-Dichloroethane	<1.00	1.00	0.064	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	52.1	ug/L	104	78 - 130
1868-53-7	Dibromofluoromethane	50	54.6	ug/L	109	77 - 127
2037-26-5	Toluene d8	50	52.4	ug/L	105	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	53.3	ug/L	107	71 - 127

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
06/26/2009 12:30	414044	SW-846 8011	1	06/29/2009 12:32	TLS	414251

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251204	**MW-24**	Water	06/22/2009 14:10	06/25/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20	06/26/2009 21:50	CLH	414136

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	**Benzene**	**233**	**20.0**	**1.49**	**ug/L**
108-88-3	**Toluene**	**195**	**20.0**	**1.64**	**ug/L**
100-41-4	**Ethylbenzene**	**1040**	**20.0**	**1.04**	**ug/L**
1330-20-7	**Xylene (total)**	**2990**	**60.0**	**6.68**	**ug/L**
91-20-3	**Naphthalene**	**312**	**100**	**2.02**	**ug/L**
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**19.5J**	**20.0**	**1.94**	**ug/L**
107-06-2	1,2-Dichloroethane	<20.0	20.0	1.28	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	1000	1030	ug/L	103	78 - 130
1868-53-7	Dibromofluoromethane	1000	1070	ug/L	107	77 - 127
2037-26-5	Toluene d8	1000	1020	ug/L	102	76 - 134
17060-07-0	1,2-Dichloroethane-d4	1000	1050	ug/L	105	71 - 127

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
06/26/2009 12:30	414044	SW-846 8011	1	06/29/2009 12:58	TLS	414251

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251205	**MW-25**	Water	06/22/2009 14:40	06/25/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			10	06/27/2009 14:35	CLH	414140

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	**Benzene**	**299**	**10.0**	**0.747**	**ug/L**
108-88-3	**Toluene**	**65.8**	**10.0**	**0.820**	**ug/L**
100-41-4	**Ethylbenzene**	**635**	**10.0**	**0.522**	**ug/L**
1330-20-7	**Xylene (total)**	**1260**	**30.0**	**3.34**	**ug/L**
91-20-3	**Naphthalene**	**226**	**50.0**	**1.01**	**ug/L**
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**103**	**10.0**	**0.972**	**ug/L**
107-06-2	1,2-Dichloroethane	<10.0	10.0	0.640	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	500	540	ug/L	108	78 - 130
1868-53-7	Dibromofluoromethane	500	534	ug/L	107	77 - 127
2037-26-5	Toluene d8	500	518	ug/L	104	76 - 134
17060-07-0	1,2-Dichloroethane-d4	500	531	ug/L	106	71 - 127

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
06/26/2009 12:30	414044	SW-846 8011	1	06/29/2009 13:28	TLS	414251

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251206	**MW-26**	Water	06/22/2009 16:35	06/25/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			10	06/27/2009 15:00	CLH	414140

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	**Benzene**	**399**	**10.0**	**0.747**	**ug/L**
108-88-3	**Toluene**	**119**	**10.0**	**0.820**	**ug/L**
100-41-4	**Ethylbenzene**	**335**	**10.0**	**0.522**	**ug/L**
1330-20-7	**Xylene (total)**	**1160**	**30.0**	**3.34**	**ug/L**
91-20-3	**Naphthalene**	**165**	**50.0**	**1.01**	**ug/L**
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**156**	**10.0**	**0.972**	**ug/L**
107-06-2	1,2-Dichloroethane	<10.0	10.0	0.640	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	500	509	ug/L	102	78 - 130
1868-53-7	Dibromofluoromethane	500	521	ug/L	104	77 - 127
2037-26-5	Toluene d8	500	512	ug/L	102	76 - 134
17060-07-0	1,2-Dichloroethane-d4	500	496	ug/L	99	71 - 127

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
06/26/2009 12:30	414044	SW-846 8011	1	06/29/2009 13:55	TLS	414251

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251207	**MW-27**	Water	06/22/2009 15:55	06/25/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			10	06/27/2009 15:25	CLH	414140

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	**Benzene**	**500**	**10.0**	**0.747**	**ug/L**
108-88-3	**Toluene**	**13.1**	**10.0**	**0.820**	**ug/L**
100-41-4	**Ethylbenzene**	**261**	**10.0**	**0.522**	**ug/L**
1330-20-7	**Xylene (total)**	**96.8**	**30.0**	**3.34**	**ug/L**
91-20-3	**Naphthalene**	**60.9**	**50.0**	**1.01**	**ug/L**
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**1060**	**10.0**	**0.972**	**ug/L**
107-06-2	1,2-Dichloroethane	<10.0	10.0	0.640	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	500	465	ug/L	93	78 - 130
1868-53-7	Dibromofluoromethane	500	544	ug/L	109	77 - 127
2037-26-5	Toluene d8	500	513	ug/L	103	76 - 134
17060-07-0	1,2-Dichloroethane-d4	500	519	ug/L	104	71 - 127

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
06/26/2009 12:30	414044	SW-846 8011	1	06/29/2009 14:23	TLS	414251

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251208	**MW-28**	Water	06/22/2009 15:45	06/25/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/27/2009 15:51	CLH	414140

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<1.00	1.00	0.075	ug/L
108-88-3	Toluene	<1.00	1.00	0.082	ug/L
100-41-4	Ethylbenzene	<1.00	1.00	0.052	ug/L
1330-20-7	Xylene (total)	<3.00	3.00	0.334	ug/L
91-20-3	**Naphthalene**	**3.98J**	**5.00**	**0.101**	**ug/L**
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**0.749J**	**1.00**	**0.097**	**ug/L**
107-06-2	1,2-Dichloroethane	<1.00	1.00	0.064	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	50.6	ug/L	101	78 - 130
1868-53-7	Dibromofluoromethane	50	54.2	ug/L	108	77 - 127
2037-26-5	Toluene d8	50	52.6	ug/L	105	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	53.7	ug/L	107	71 - 127

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
06/26/2009 12:30	414044	SW-846 8011	1	06/29/2009 15:20	TLS	414251

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251209	**MW-29**	Water	06/22/2009 12:35	06/25/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/27/2009 16:16	CLH	414140

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	**Benzene**	**14.4**	**1.00**	**0.075**	**ug/L**
108-88-3	**Toluene**	**11.3**	**1.00**	**0.082**	**ug/L**
100-41-4	**Ethylbenzene**	**65.4**	**1.00**	**0.052**	**ug/L**
1330-20-7	**Xylene (total)**	**302**	**3.00**	**0.334**	**ug/L**
91-20-3	**Naphthalene**	**29.0**	**5.00**	**0.101**	**ug/L**
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**44.2**	**1.00**	**0.097**	**ug/L**
107-06-2	**1,2-Dichloroethane**	**4.39**	**1.00**	**0.064**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	55.7	ug/L	111	78 - 130
1868-53-7	Dibromofluoromethane	50	42.7	ug/L	85	77 - 127
2037-26-5	Toluene d8	50	53.6	ug/L	107	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	56.1	ug/L	112	71 - 127

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
06/26/2009 12:30	414044	SW-846 8011	1	06/29/2009 15:48	TLS	414251

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251210	**MW-30**	Water	06/22/2009 11:55	06/25/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/27/2009 16:41	CLH	414140

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	**Benzene**	**3.06**	**1.00**	**0.075**	**ug/L**
108-88-3	Toluene	<1.00	1.00	0.082	ug/L
100-41-4	**Ethylbenzene**	**1.25**	**1.00**	**0.052**	**ug/L**
1330-20-7	Xylene (total)	<3.00	3.00	0.334	ug/L
91-20-3	Naphthalene	<5.00	5.00	0.101	ug/L
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**31.4**	**1.00**	**0.097**	**ug/L**
107-06-2	1,2-Dichloroethane	<1.00	1.00	0.064	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	50.8	ug/L	102	78 - 130
1868-53-7	Dibromofluoromethane	50	52.3	ug/L	105	77 - 127
2037-26-5	Toluene d8	50	50.5	ug/L	101	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	49.5	ug/L	99	71 - 127

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
06/26/2009 12:30	414044	SW-846 8011	1	06/29/2009 16:12	TLS	414251

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251211	**MW-31**	Water	06/22/2009 20:35	06/25/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/27/2009 17:06	CLH	414140

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<1.00	1.00	0.075	ug/L
108-88-3	Toluene	<1.00	1.00	0.082	ug/L
100-41-4	Ethylbenzene	<1.00	1.00	0.052	ug/L
1330-20-7	Xylene (total)	<3.00	3.00	0.334	ug/L
91-20-3	Naphthalene	<5.00	5.00	0.101	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<1.00	1.00	0.097	ug/L
107-06-2	1,2-Dichloroethane	<1.00	1.00	0.064	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	51.1	ug/L	102	78 - 130
1868-53-7	Dibromofluoromethane	50	52.6	ug/L	105	77 - 127
2037-26-5	Toluene d8	50	53	ug/L	106	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	51.3	ug/L	103	71 - 127

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
06/26/2009 12:30	414044	SW-846 8011	1	06/29/2009 16:36	TLS	414251

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251212	**MW-32**	Water	06/22/2009 20:20	06/25/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/27/2009 17:30	CLH	414140

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<1.00	1.00	0.075	ug/L
108-88-3	Toluene	<1.00	1.00	0.082	ug/L
100-41-4	Ethylbenzene	<1.00	1.00	0.052	ug/L
1330-20-7	Xylene (total)	<3.00	3.00	0.334	ug/L
91-20-3	Naphthalene	<5.00	5.00	0.101	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<1.00	1.00	0.097	ug/L
107-06-2	1,2-Dichloroethane	<1.00	1.00	0.064	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	46	ug/L	92	78 - 130
1868-53-7	Dibromofluoromethane	50	53.9	ug/L	108	77 - 127
2037-26-5	Toluene d8	50	51.7	ug/L	103	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	50.2	ug/L	100	71 - 127

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
06/26/2009 12:30	414044	SW-846 8011	1	06/29/2009 17:01	TLS	414251

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251213	**MW-33**	Water	06/22/2009 20:10	06/25/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/27/2009 17:55	CLH	414140

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<1.00	1.00	0.075	ug/L
108-88-3	Toluene	<1.00	1.00	0.082	ug/L
100-41-4	Ethylbenzene	<1.00	1.00	0.052	ug/L
1330-20-7	Xylene (total)	<3.00	3.00	0.334	ug/L
91-20-3	Naphthalene	<5.00	5.00	0.101	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<1.00	1.00	0.097	ug/L
107-06-2	1,2-Dichloroethane	<1.00	1.00	0.064	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	50.8	ug/L	102	78 - 130
1868-53-7	Dibromofluoromethane	50	54.5	ug/L	109	77 - 127
2037-26-5	Toluene d8	50	53.9	ug/L	108	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	48.6	ug/L	97	71 - 127

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
06/26/2009 12:30	414044	SW-846 8011	1	06/29/2009 17:25	TLS	414251

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251214	**MW-34**	Water	06/22/2009 19:10	06/25/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/27/2009 18:20	CLH	414140

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<1.00	1.00	0.075	ug/L
108-88-3	Toluene	<1.00	1.00	0.082	ug/L
100-41-4	Ethylbenzene	<1.00	1.00	0.052	ug/L
1330-20-7	Xylene (total)	<3.00	3.00	0.334	ug/L
91-20-3	Naphthalene	<5.00	5.00	0.101	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<1.00	1.00	0.097	ug/L
107-06-2	1,2-Dichloroethane	<1.00	1.00	0.064	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	46.4	ug/L	93	78 - 130
1868-53-7	Dibromofluoromethane	50	52.7	ug/L	105	77 - 127
2037-26-5	Toluene d8	50	50.7	ug/L	101	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	50.9	ug/L	102	71 - 127

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
06/26/2009 12:30	414044	SW-846 8011	1	06/29/2009 17:48	TLS	414251

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251215	**MW-35**	Water	06/22/2009 19:25	06/25/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/27/2009 18:44	CLH	414140

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<1.00	1.00	0.075	ug/L
108-88-3	Toluene	<1.00	1.00	0.082	ug/L
100-41-4	Ethylbenzene	<1.00	1.00	0.052	ug/L
1330-20-7	Xylene (total)	<3.00	3.00	0.334	ug/L
91-20-3	Naphthalene	<5.00	5.00	0.101	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<1.00	1.00	0.097	ug/L
107-06-2	1,2-Dichloroethane	<1.00	1.00	0.064	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	45.9	ug/L	92	78 - 130
1868-53-7	Dibromofluoromethane	50	53.8	ug/L	108	77 - 127
2037-26-5	Toluene d8	50	51.1	ug/L	102	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	51.3	ug/L	103	71 - 127

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
06/26/2009 12:30	414044	SW-846 8011	1	06/29/2009 18:14	TLS	414251

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251216	**MW-36**	Water	06/22/2009 19:40	06/25/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/27/2009 19:13	CLH	414140

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<1.00	1.00	0.075	ug/L
108-88-3	Toluene	<1.00	1.00	0.082	ug/L
100-41-4	Ethylbenzene	<1.00	1.00	0.052	ug/L
1330-20-7	Xylene (total)	<3.00	3.00	0.334	ug/L
91-20-3	Naphthalene	<5.00	5.00	0.101	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<1.00	1.00	0.097	ug/L
107-06-2	1,2-Dichloroethane	<1.00	1.00	0.064	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	47.4	ug/L	95	78 - 130
1868-53-7	Dibromofluoromethane	50	53.6	ug/L	107	77 - 127
2037-26-5	Toluene d8	50	50.3	ug/L	101	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	51.6	ug/L	103	71 - 127

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
06/26/2009 12:30	414044	SW-846 8011	1	06/29/2009 18:38	TLS	414251

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251217	**MW-37**	Water	06/22/2009 17:55	06/25/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/27/2009 19:37	CLH	414140

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<1.00	1.00	0.075	ug/L
108-88-3	Toluene	<1.00	1.00	0.082	ug/L
100-41-4	Ethylbenzene	<1.00	1.00	0.052	ug/L
1330-20-7	Xylene (total)	<3.00	3.00	0.334	ug/L
91-20-3	Naphthalene	<5.00	5.00	0.101	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<1.00	1.00	0.097	ug/L
107-06-2	1,2-Dichloroethane	<1.00	1.00	0.064	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	44.4	ug/L	89	78 - 130
1868-53-7	Dibromofluoromethane	50	53.9	ug/L	108	77 - 127
2037-26-5	Toluene d8	50	50.1	ug/L	100	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	52.7	ug/L	105	71 - 127

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
06/26/2009 12:30	414044	SW-846 8011	1	06/29/2009 19:01	TLS	414251

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251218	**MW-38**	Water	06/22/2009 18:25	06/25/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/27/2009 20:02	CLH	414140

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<1.00	1.00	0.075	ug/L
108-88-3	Toluene	<1.00	1.00	0.082	ug/L
100-41-4	Ethylbenzene	<1.00	1.00	0.052	ug/L
1330-20-7	Xylene (total)	<3.00	3.00	0.334	ug/L
91-20-3	Naphthalene	<5.00	5.00	0.101	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<1.00	1.00	0.097	ug/L
107-06-2	1,2-Dichloroethane	<1.00	1.00	0.064	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	52.2	ug/L	104	78 - 130
1868-53-7	Dibromofluoromethane	50	53.1	ug/L	106	77 - 127
2037-26-5	Toluene d8	50	53.9	ug/L	108	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	50.6	ug/L	101	71 - 127

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
06/26/2009 12:30	414044	SW-846 8011	1	06/29/2009 19:49	TLS	414251

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251219	DW-5	Water	06/22/2009 15:00	06/25/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/28/2009 16:28	CLH	414150

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	**Benzene**	**1.93**	**1.00**	**0.075**	**ug/L**
108-88-3	**Toluene**	**1.22**	**1.00**	**0.082**	**ug/L**
100-41-4	**Ethylbenzene**	**2.36**	**1.00**	**0.052**	**ug/L**
1330-20-7	**Xylene (total)**	**1.24J**	**3.00**	**0.334**	**ug/L**
91-20-3	Naphthalene	<5.00	5.00	0.101	ug/L
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**2.42**	**1.00**	**0.097**	**ug/L**
107-06-2	1,2-Dichloroethane	<1.00	1.00	0.064	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	46.4	ug/L	93	78 - 130
1868-53-7	Dibromofluoromethane	50	14	ug/L	**28***	77 - 127
2037-26-5	Toluene d8	50	52.7	ug/L	105	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	47.3	ug/L	95	71 - 127

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
06/26/2009 12:30	414044	SW-846 8011	1	06/29/2009 20:12	TLS	414251

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251220	DW-6	Water	06/23/2009 07:55	06/25/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/27/2009 20:52	CLH	414140

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<1.00	1.00	0.075	ug/L
108-88-3	Toluene	<1.00	1.00	0.082	ug/L
100-41-4	Ethylbenzene	<1.00	1.00	0.052	ug/L
1330-20-7	Xylene (total)	<3.00	3.00	0.334	ug/L
91-20-3	Naphthalene	<5.00	5.00	0.101	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<1.00	1.00	0.097	ug/L
107-06-2	1,2-Dichloroethane	<1.00	1.00	0.064	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	49.1	ug/L	98	78 - 130
1868-53-7	Dibromofluoromethane	50	52.7	ug/L	105	77 - 127
2037-26-5	Toluene d8	50	51.6	ug/L	103	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	48.7	ug/L	97	71 - 127

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
06/26/2009 12:30	414044	SW-846 8011	1	06/29/2009 20:35	TLS	414251

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251221	DW-7	Water	06/23/2009 08:00	06/25/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/27/2009 21:17	CLH	414140

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<1.00	1.00	0.075	ug/L
108-88-3	Toluene	<1.00	1.00	0.082	ug/L
100-41-4	Ethylbenzene	<1.00	1.00	0.052	ug/L
1330-20-7	Xylene (total)	<3.00	3.00	0.334	ug/L
91-20-3	Naphthalene	<5.00	5.00	0.101	ug/L
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**1.60**	**1.00**	**0.097**	**ug/L**
107-06-2	1,2-Dichloroethane	<1.00	1.00	0.064	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.1	ug/L	96	78 - 130
1868-53-7	Dibromofluoromethane	50	55.3	ug/L	111	77 - 127
2037-26-5	Toluene d8	50	50.5	ug/L	101	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	51.5	ug/L	103	71 - 127

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
06/26/2009 14:00	414046	SW-846 8011	1	06/29/2009 22:08	TLS	414251

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251222	DW-9	Water	06/22/2009 18:10	06/25/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/27/2009 21:41	CLH	414140

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<1.00	1.00	0.075	ug/L
108-88-3	Toluene	<1.00	1.00	0.082	ug/L
100-41-4	Ethylbenzene	<1.00	1.00	0.052	ug/L
1330-20-7	Xylene (total)	<3.00	3.00	0.334	ug/L
91-20-3	Naphthalene	<5.00	5.00	0.101	ug/L
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**1.20**	**1.00**	**0.097**	**ug/L**
107-06-2	1,2-Dichloroethane	<1.00	1.00	0.064	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	45.4	ug/L	91	78 - 130
1868-53-7	Dibromofluoromethane	50	53.3	ug/L	107	77 - 127
2037-26-5	Toluene d8	50	51.1	ug/L	102	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	51.7	ug/L	103	71 - 127

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
06/26/2009 14:00	414046	SW-846 8011	1	06/29/2009 22:32	TLS	414251

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20906251223	**DW-10**	Water	06/23/2009 07:30	06/25/2009 09:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/27/2009 22:07	CLH	414140

CAS#	Parameter	Result	RDL	MDL	Units
71-43-2	Benzene	<1.00	1.00	0.075	ug/L
108-88-3	Toluene	<1.00	1.00	0.082	ug/L
100-41-4	Ethylbenzene	<1.00	1.00	0.052	ug/L
1330-20-7	Xylene (total)	<3.00	3.00	0.334	ug/L
91-20-3	Naphthalene	<5.00	5.00	0.101	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<1.00	1.00	0.097	ug/L
107-06-2	1,2-Dichloroethane	<1.00	1.00	0.064	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.4	ug/L	97	78 - 130
1868-53-7	Dibromofluoromethane	50	53.2	ug/L	106	77 - 127
2037-26-5	Toluene d8	50	50.9	ug/L	102	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	51.4	ug/L	103	71 - 127

SW-846 8011

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
06/26/2009 14:00	414046	SW-846 8011	1	06/29/2009 22:55	TLS	414251

CAS#	Parameter	Result	RDL	MDL	Units
106-93-4	1,2-Dibromoethane	<0.010	0.010	0.00350	ug/L

GC/MS Volatiles Quality Control Summary

Analytical Batch	414136	Client ID	MB414136			LCS414136			LCSD414136			
Prep Batch	N/A	GCAL ID	736785			736786			736787			
		Sample Type	Method Blank			LCS			LCSD			
		Analytical Date	06/26/2009 21:26			06/26/2009 20:12			06/26/2009 20:36			
		Matrix	Water			Water			Water			
SW-846 8260B		Units	ug/L	Spike Added	Result	Result	% R	Control Limits	Result	% R	RPD	RPD Limit
107-06-2	1,2-Dichloroethane	<1.00	1.00	50.0	46.9	94	76 - 123	46.0	92	2	30
100-41-4	Ethylbenzene	<1.00	1.00	50.0	46.0	92	74 - 126	43.8	88	5	30
75-69-4	Trichlorofluoromethane	<1.00	1.00	50.0	41.4	83	74 - 133	42.7	85	3	30
96-12-8	1,2-Dibromo-3-chloropropane	<1.00	1.00	50.0	44.3	89	65 - 128	41.3	83	7	30
1634-04-4	tert-Butyl methyl ether (MTBE)	<1.00	1.00	50.0	48.9	98	76 - 122	47.8	96	2	30
1330-20-7	Xylene (total)	<3.00	3.00	150	137	91	76 - 123	129	86	6	30
76-13-1	Trichlorotrifluoroethane	<1.00	1.00	50.0	38.3	77	77 - 130	40.4	81	5	30
91-20-3	Naphthalene	<5.00	5.00	50.0	44.7	89	64 - 127	43.3	87	3	35
71-43-2	Benzene	<1.00	1.00	50.0	45.0	90	78 - 121	44.6	89	0.9	20
108-88-3	Toluene	<1.00	1.00	50.0	46.1	92	78 - 121	43.3	87	6	20
Surrogate											
460-00-4	4-Bromofluorobenzene	47.3	95	50	54.9	110	78 - 130	52.3	105		
1868-53-7	Dibromofluoromethane	52.9	106	50	55.2	110	77 - 127	54.6	109		
2037-26-5	Toluene d8	51.2	102	50	51.6	103	76 - 134	48.5	97		
17060-07-0	1,2-Dichloroethane-d4	47.1	94	50	54.2	108	71 - 127	49.1	98		

Analytical Batch	414136	Client ID	MW-24			736251MS			736251MSD			
Prep Batch	N/A	GCAL ID	20906251204			736824			736825			
		Sample Type	SAMPLE			MS			MSD			
		Analytical Date	06/26/2009 21:50			06/26/2009 22:15			06/26/2009 22:40			
		Matrix	Water			Water			Water			
SW-846 8260B		Units	ug/L	Spike Added	Result	Result	% R	Control Limits	Result	% R	RPD	RPD Limit
107-06-2	1,2-Dichloroethane	0.00	20.0	1000	911	91	76 - 123	903	90	0.9	30
100-41-4	Ethylbenzene	1040	20.0	1000	2140	110	74 - 126	2020	98	6	30
75-69-4	Trichlorofluoromethane	0.00	20.0	1000	883	88	74 - 133	844	84	5	30
96-12-8	1,2-Dibromo-3-chloropropane	0.00	20.0	1000	893	89	65 - 128	934	93	4	30
1634-04-4	tert-Butyl methyl ether (MTBE)	19.5	20.0	1000	977	96	76 - 122	1000	98	2	30
1330-20-7	Xylene (total)	2990	60.0	3000	6250	109	76 - 123	5930	98	5	30
76-13-1	Trichlorotrifluoroethane	0.00	20.0	1000	804	80	77 - 130	789	79	2	30
91-20-3	Naphthalene	312	100	1000	1300	99	64 - 127	1270	96	2	30
71-43-2	Benzene	233	20.0	1000	1270	104	78 - 121	1040	81	20	30

GC/MS Volatiles Quality Control Summary

Analytical Batch	414136	Client ID	MW-24	736251MS	736251MSD
Prep Batch	N/A	GCAL ID	20906251204	736824	736825
		Sample Type	SAMPLE	MS	MSD
		Analytical Date	06/26/2009 21:50	06/26/2009 22:15	06/26/2009 22:40
		Matrix	Water	Water	Water

SW-846 8260B		Units	ug/L	Spike Added	Result	Result	% R	Control Limits	RPD	% R	Result	% R	RPD	RPD Limit
108-88-3	Toluene	195	20.0	1000	1150	96	78 - 121				1090	90	5	30
Surrogate														
460-00-4	4-Bromofluorobenzene	1030	103	1000	1040	104	78 - 130				1040	104		
1868-53-7	Dibromofluoromethane	1070	107	1000	1070	107	77 - 127				1070	107		
2037-26-5	Toluene d8	1020	102	1000	976	98	76 - 134				967	97		
17060-07-0	1,2-Dichloroethane-d4	1050	105	1000	1060	106	71 - 127				1040	104		

Analytical Batch	414140	Client ID	MB414140	LCS414140	LCSD414140
Prep Batch	N/A	GCAL ID	736835	736836	736837
		Sample Type	Method Blank	LCS	LCSD
		Analytical Date	06/27/2009 12:32	06/27/2009 11:18	06/27/2009 11:42
		Matrix	Water	Water	Water

SW-846 8260B		Units	ug/L	Spike Added	Result	Result	% R	Control Limits	RPD	% R	Result	% R	RPD	RPD Limit
107-06-2	1,2-Dichloroethane	<1.00	1.00	50.0	46.9	94	76 - 123				45.5	91	3	30
100-41-4	Ethylbenzene	<1.00	1.00	50.0	46.8	94	74 - 126				43.9	88	6	30
75-69-4	Trichlorofluoromethane	<1.00	1.00	50.0	44.1	88	74 - 133				41.9	84	5	30
96-12-8	1,2-Dibromo-3-chloropropane	<1.00	1.00	50.0	39.4	79	65 - 128				42.1	84	7	30
1634-04-4	tert-Butyl methyl ether (MTBE)	<1.00	1.00	50.0	46.7	93	76 - 122				48.5	97	4	30
1330-20-7	Xylene (total)	<3.00	3.00	150	134	89	76 - 123				132	88	2	30
76-13-1	Trichlorotrifluoroethane	<1.00	1.00	50.0	40.1	80	77 - 130				37.9	76*	6	30
91-20-3	Naphthalene	<5.00	5.00	50.0	44.3	89	64 - 127				45.6	91	3	35
71-43-2	Benzene	<1.00	1.00	50.0	45.4	91	78 - 121				39.5	79	14	20
108-88-3	Toluene	<1.00	1.00	50.0	45.9	92	78 - 121				43.8	88	5	20
Surrogate														
460-00-4	4-Bromofluorobenzene	50.2	100	50	53.2	106	78 - 130				49.4	99		
1868-53-7	Dibromofluoromethane	54.1	108	50	55.5	111	77 - 127				53.3	107		
2037-26-5	Toluene d8	53.6	107	50	49.4	99	76 - 134				47.9	96		
17060-07-0	1,2-Dichloroethane-d4	52.8	106	50	53.8	108	71 - 127				51	102		

GC/MS Volatiles Quality Control Summary

Analytical Batch	414140	Client ID	MW-1		736318MS			736318MSD			
Prep Batch	N/A	GCAL ID	20906251501		736846			736847			
		Sample Type	SAMPLE		MS			MSD			
		Analytical Date	06/27/2009 12:56		06/27/2009 13:21			06/27/2009 13:46			
		Matrix	Water		Water			Water			
SW-846 8260B		Units	ug/L	Spike Added	Result	% R	Control Limits	Result	% R	RPD	RPD Limit
107-06-2	1,2-Dichloroethane	0.00	20.0	1000	851	85	76 - 123	828	83	3	30
100-41-4	Ethylbenzene	107	20.0	1000	936	83	74 - 126	906	80	3	30
1634-04-4	tert-Butyl methyl ether (MTBE)	65.1	20.0	1000	937	87	76 - 122	973	91	4	30
1330-20-7	Xylene (total)	527	60.0	3000	2980	82	76 - 123	2900	79	3	30
91-20-3	Naphthalene	0.00	100	1000	821	82	64 - 127	858	86	4	30
71-43-2	Benzene	1170	20.0	1000	2250	108	78 - 121	1980	81	13	30
108-88-3	Toluene	715	20.0	1000	1640	93	78 - 121	1570	86	4	30
Surrogate											
460-00-4	4-Bromofluorobenzene			1000	1050	105	78 - 130	1110	111		
1868-53-7	Dibromofluoromethane			1000	1090	109	77 - 127	1040	104		
2037-26-5	Toluene d8			1000	981	98	76 - 134	1020	102		
17060-07-0	1,2-Dichloroethane-d4			1000	1030	103	71 - 127	1050	105		

Analytical Batch	414150	Client ID	MB414150		LCS414150			LCSD414150			
Prep Batch	N/A	GCAL ID	736854		736855			736856			
		Sample Type	Method Blank		LCS			LCSD			
		Analytical Date	06/28/2009 12:33		06/28/2009 11:22			06/28/2009 11:45			
		Matrix	Water		Water			Water			
SW-846 8260B		Units	ug/L	Spike Added	Result	% R	Control Limits	Result	% R	RPD	RPD Limit
107-06-2	1,2-Dichloroethane	<1.00	1.00	50.0	41.0	82	76 - 123	40.5	81	1	30
100-41-4	Ethylbenzene	<1.00	1.00	50.0	53.1	106	74 - 126	49.1	98	8	30
75-69-4	Trichlorofluoromethane	<1.00	1.00	50.0	56.7	113	74 - 133	52.7	105	7	30
96-12-8	1,2-Dibromo-3-chloropropane	<1.00	1.00	50.0	53.6	107	65 - 128	53.8	108	0.4	30
1634-04-4	tert-Butyl methyl ether (MTBE)	<1.00	1.00	50.0	49.1	98	76 - 122	46.2	92	6	30
1330-20-7	Xylene (total)	<3.00	3.00	150	168	112	76 - 123	152	101	10	30
76-13-1	Trichlorotrifluoroethane	<1.00	1.00	50.0	56.7	113	77 - 130	52.7	105	7	30
91-20-3	Naphthalene	<5.00	5.00	50.0	54.1	108	64 - 127	52.6	105	3	35
71-43-2	Benzene	<1.00	1.00	50.0	53.7	107	78 - 121	49.7	99	8	20
108-88-3	Toluene	<1.00	1.00	50.0	54.6	109	78 - 121	48.8	98	11	20
Surrogate											
460-00-4	4-Bromofluorobenzene	47.4	95	50	49.3	99	78 - 130	47.1	94		

GC/MS Volatiles Quality Control Summary

Analytical Batch	414150	Client ID	MB414150			LCS414150			LCSD414150			
Prep Batch	N/A	GCAL ID	736854			736855			736856			
		Sample Type	Method Blank			LCS			LCSD			
		Analytical Date	06/28/2009 12:33			06/28/2009 11:22			06/28/2009 11:45			
		Matrix	Water			Water			Water			
SW-846 8260B		**Units**	ug/L	**Spike Added**	**Result**	**Result**	**% R**	**Control Limits**	**Result**	**% R**	**RPD**	**RPD Limit**
1868-53-7	Dibromofluoromethane		47.1	94	50	45.6	91	77 - 127	45.5	91		
2037-26-5	Toluene d8		53.3	107	50	52.7	105	76 - 134	52.2	104		
17060-07-0	1,2-Dichloroethane-d4		47	94	50	46.2	92	71 - 127	45.9	92		

Analytical Batch	414150	Client ID	SOIL DRUM			736549MS			736549MSD			
Prep Batch	N/A	GCAL ID	20906260201			736868			736869			
		Sample Type	SAMPLE			MS			MSD			
		Analytical Date	06/28/2009 14:54			06/28/2009 15:18			06/28/2009 15:41			
		Matrix	Solid			Solid			Solid			
SW-846 8260B		**Units**	ug/L	**Spike Added**	**Result**	**Result**	**% R**	**Control Limits**	**Result**	**% R**	**RPD**	**RPD Limit**
107-06-2	1,2-Dichloroethane		0.00	40.0	2000	1810	91	73 - 128	1780	89	2	30
71-43-2	Benzene		0.00	40.0	2000	2240	112	78 - 120	2080	104	7	21
Surrogate												
460-00-4	4-Bromofluorobenzene				2000	1890	95	62 - 127	1930	97		
1868-53-7	Dibromofluoromethane				2000	1860	93	65 - 130	1860	93		
2037-26-5	Toluene d8				2000	2010	101	71 - 132	2070	104		
17060-07-0	1,2-Dichloroethane-d4				2000	1860	93	62 - 125	1820	91		

General Chromatography Quality Control Summary

Analytical Batch	414251	Client ID	MB414044			LCS414044			LCSD414044			
Prep Batch	414044	GCAL ID	736357			736358			736359			
Prep Method	SW-846 8011	Sample Type	Method Blank			LCS			LCSD			
		Prep Date	06/26/2009 12:30			06/26/2009 12:30			06/26/2009 12:30			
		Analytical Date	06/29/2009 10:23			06/29/2009 10:46			06/29/2009 11:10			
		Matrix	Water			Water			Water			
SW-846 8011		**Units**	ug/L	**Spike Added**	**Result**	**Result**	**% R**	**Control Limits**	**Result**	**% R**	**RPD**	**RPD Limit**
106-93-4	1,2-Dibromoethane	<0.010	0.010	1.16	1.01	87	62 - 140	RDL % R	0.988	88	2	40

Analytical Batch	414251	Client ID	MB414046			LCS414046			LCSD414046			
Prep Batch	414046	GCAL ID	736362			736363			736364			
Prep Method	SW-846 8011	Sample Type	Method Blank			LCS			LCSD			
		Prep Date	06/26/2009 14:00			06/26/2009 14:00			06/26/2009 14:00			
		Analytical Date	06/29/2009 21:00			06/29/2009 21:23			06/29/2009 21:45			
		Matrix	Water			Water			Water			
SW-846 8011		**Units**	ug/L	**Spike Added**	**Result**	**Result**	**% R**	**Control Limits**	**Result**	**% R**	**RPD**	**RPD Limit**
106-93-4	1,2-Dibromoethane	<0.010	0.010	1.16	0.894	77	62 - 140	RDL % R	0.788	68	13	40

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Access Analytical - Chain of Custody Record

LAB USE ONLY

Project Work Order #: _____ PO #: _____ Access Quote #: _____ LAB USE ONLY Laboratory ID: GLM

Company Name: Terry Environmental

Report To: Kelly Cone

Address: P.O. Box 25

City: Summerville State: SC Zip: 29484

Phone: 843-873-8200 Fax: 843-873-8765

Email: kcone@terryenvironmental.com

Project Name: 2170D/Li'L Cricket 339

Sampled By: Lauran Ortman, Gabrielle Munn

Preservative: (*see codes below)

↓ REQUESTED LAB ANALYSIS: ↓

Sample Location/Description	Date Collected:	Time Collected:	Type: (grab or composite)	Matrix: (see codes)	# of cont.	BTEX, NAPH, MTBE, 1,2 DCA	EDB
MW-21	6/22/09	16:55	Grab	GW	4	X	X
MW-22		15:10					
MW-23		14:00					
MW-24		14:10					
MW-25		14:40					
MW-26		16:35					
MW-27		15:55					
MW-28		15:45					
MW-29		12:35					
MW-30		11:55					

ACCESS ANALYTICAL, INC.

7478 Carlisle Street
Irmo, SC 29063

Phone: (803) 781-4243
Fax: 781-4303
Toll Free (888) 315-4243
www.axs-inc.com

*Preservative Codes (place corresponding # in block above analysis field): 0=None, 1=HCL, 2=HNO3, 3=H2SO4, 4=NaOH, 5=Na2S2O3, 6=NaHSO4, Other=Specify

*Matrix Codes (place corresponding code in sample matrix column): GW=ground water, WW=waste water, DW=drinking water, S=soil, SL=sludge, A=air, IW=industrial waste, WO=waste oil, OT=other (Specify in comments section)

NOTES / COMMENTS
(if sample is a composite please use space below to note start/finish times & dates)

-1
-2
-3 Slight petro odor
-4 Slight petro odor
-5 Slight petro odor
-6 Slight petro odor
-7 Strong petro odor
-8
-9 Strong petro odor
-10 Slight petro Odor

Turnaround Time:

✓ Standard
___ RUSH*
*Date Required: _____
(For rush work, results emailed/faxed by end of business day on date required)

LAB USE ONLY

Samples Recd. on Ice?
✓ Yes
___ No
Receipt Temp 28

Project Location:
✓ SC
___ NC
___ Other _____ (specify)

Relinquished By:	Date:	Time:	Received By:
Gabrielle Munn	6/23/09	1315	M Robertson
M Robertson	6/23/09	1700	FedEx
FEDEX	6.25.09	0950	LAmarston

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Access Analytical - Chain of Custody Record

LAB USE ONLY

Project Work Order #_____ PO #_____ Access Quote #_____

LAB USE ONLY

Laboratory ID: [illegible]

Company Name: Terry Environmental

Report To: Kelly Cone

Address: P.O. Box 25

City: Summerville State: SC Zip: 29484

Phone: 843-873-8200 Fax: 843-873-8765

Email: kcone@terryenvironmental.com

Project Name: 2170D/Li'L Cricket 339

Sampled By: Lauran Ortman, Gabrielle Munn

Sample Location/Description	Date Collected:	Time Collected:	Type: (grab or composite)	Matrix: (see codes)	# of cont.	Preservative: (*see codes below)	* REQUESTED LAB ANALYSIS: * BTEX NAPH, MTBE, 1,2 DCA	EDB
MW-31	6/22/09	20:35	Grab	GW	4		X	X
MW-32		20:20						
MW-33		20:10						
MW-34		19:10						
MW-35		19:25						
MW-36		19:40						
MW-37		17:55						
MW-38		18:25						
DW-5		15:00						
DW-6	6/23/09	7:55						

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*Preservative Codes (place corresponding # in Block above analysis field): 0=None, 1=HCL, 2=HNO_3, 3=H_2SO_4, 4=NaOH, 5=$Na_2S_2O_3$, 6=$NaHSO_4$, Other=Specify

*Matrix Codes (place corresponding code in sample matrix column): GW=ground water, WW=waste water, DW=drinking water, S=soil, SL=sludge, A=air, IW=industrial waste, WO=waste oil, OT=other (Specify in comments section)

NOTES / COMMENTS
(if sample is a composite please use space below to note start/finish times & dates)

-11
-12
-13
-14
-15
-16
-17
-18
-19
-20

Turnaround Time:

✓ Standard
__ RUSH*
*Date Required:_____
(For rush work, results emailed/faxed by end of business day on date required)

LAB USE ONLY

Samples Recd. on Ice?
✓ Yes
__ No
Receipt Temp 2.8

Project Location:
✓ SC
__ NC
__ Other_____(specify)

Relinquished By:	Date:	Time:	Received By:
Gabrielle Munn	6/23/09	1315	M. Rebuteau
M. Rebuteau	6/23/09	1700	FedEx
FEDEX	6-25-09	0950	AMarston

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Access Analytical - Chain of Custody Record

LAB USE ONLY

Project Work Order #_____ PO #_____ Access Quote #_____ LAB USE ONLY Laboratory ID: _____

Company Name: Terry Environmental

Report To: Kelly Cone

Address: P.O. Box 25

City: Summerville State: SC Zip: 29484

Phone: 843-873-8200 Fax: 843-873-8765

Email: kcone@terryenvironmental.com

Project Name: 2170D/Li'L Cricket 339

Sampled By: Lauran Ortman, Gabrielle Munn

Sample Location/Description	Date Collected:	Time Collected:	Type: (grab or composite)	Matrix: (see codes)	# of cont.	Preservative: (*see codes below)	↓ REQUESTED LAB ANALYSIS: ↓ BTEX, MAPH, MTBE, 1,2 DCA	EDB
DW-7	6/23/09	8:00	Grab	GW	4		X	X
DW-9	6/22/09	18:10	↓	↓	↓		↓	↓
DW-10	6/23/09	7:30	↓	↓	↓		↓	↓

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7478 Carlisle Street Fax: 781-4303
Irmo, SC 29063 Toll Free (888) 315-4243
www.axs-inc.com

*Preservative Codes (place corresponding # in block above analysis field): 0=None, 1=HCL, 2=HNO3, 3=H2SO4, 4=NaOH, 5=Na2S2O3, 6=NaHSO4, Other=Specify

*Matrix Codes (place corresponding code in sample matrix column): GW=ground water, WW=waste water, DW=drinking water, S=soil, SL=sludge, A=air, IW=industrial waste, WO=waste oil, OT=other (Specify in comments section)

NOTES / COMMENTS
(if sample is a composite please see space below to note start/finish times & dates)

-21
-22
-23

Turnaround Time:

✓ Standard
___ RUSH*
*Date Required:_____
(For rush work, results emailed/faxed by end of business day on date required)

LAB USE ONLY
Samples Recd. on Ice?
✓ Yes
___ No
Receipt Temp 28°

Project Location:
✓ SC
___ NC
___ Other_____(specify)

Relinquished By:	Date:	Time:	Received By:
Gabrielle Munn	6/23/09	1315	M. Robertson
M. Robertson	6/23/09	1700	FedEx
FEDEX	6-25-09	0950	LAmarston

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APPENDIX 8

Disposal Manifests

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of 1

3. Emergency Response Phone: 800-922-9175

4. Waste Tracking Number: 29199

5. Generator's Name and Mailing Address
Lil Cricket Food Stores
c/o Terry Env., PO Box 25
Summerville, SC 29484
Generator's Phone: 843 873-8200

Generator's Site Address (if different than mailing address)
Former Lil Cricket #339
800 North West First St.
Seneca, SC 29678

6. Transporter 1 Company Name
A&D Environmental Services (SC), LLC
U.S. EPA ID Number: SCD 987598331

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
VLS - Mauldin
305 South Main St.
Mauldin, SC 29662
Facility's Phone: 864-962-9953
U.S. EPA ID Number: SCR000762468

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. Non-Hazardous/Non-Regulated Material Soil cuttings Profile # 8439	051	DM	306 CO	P
2. Non-Hazardous/Non-Regulated Material Well water Profile # 8440	001	DM	200	P
3.				
4.				

GENERATOR

13. Special Handling Instructions and Additional Information
Job # 89842 Contact at Terry Env.: Kelly Cone 843-873-8200
PO#1272 A&D(SC)

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: K K Cone as agent for Lil Cricket
Signature: K Cone
Month: 06 Day: 24 Year: 09

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Corey A Cannon
Signature: Corey A Cannon
Month: 6 Day: 29 Year: 09
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name
Signature
Month: 06 Day: 29 Year: 09

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY'S COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of 1

3. Emergency Response Phone: 800-922-9175

4. Waste Tracking Number: 29208

5. Generator's Name and Mailing Address:
Lil Cricket Food Stores
c/o Terry Env., PO Box 25
Summerville, SC 29484
Generator's Phone: 843 871-8200

Generator's Site Address (if different than mailing address):
Former Lil's Cricket #539
800 North West First St.
Manning, SC 29102

6. Transporter 1 Company Name: MED Environmental Services (SC), LLC
U.S. EPA ID Number: SCD 987598331

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address:
VLS - Ruralia
305 South Main St.
Ruralia, SC 29662
Facility's Phone: 864-982-9953
U.S. EPA ID Number: SCD980742488

	9. Waste Shipping Name and Description	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.
GENERATOR	1. Non-Hazardous/Non-Regulated Material Mill cuttings Profile # 9439	047	DM	2P200	P
	2. Non-Hazardous/Non-Regulated Material Mill water Profile # 9440	001	DM	8300	P
	3.				
	4.				

13. Special Handling Instructions and Additional Information:
Job # 89842 Contact at Terry Env.: Kelly Cone 843-873-8200
PO# 81272 AED(SC)

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: K.K Cone as agent for Lil Cricket
Signature: K K Cone
Month: 06 Day: 24 Year: 09

INTL
15. International Shipments: ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: CORY KENNEDY
Signature:
Month: 6 Day: 29 Year: 09
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Todd Ivey
Signature:
Month: 06 Day: 30 Year: 09

TRS-BLC-O 6 10498 (Rev. 8/08)

DESIGNATED FACILITY'S COPY

APPENDIX 9

Proposal

ASSESSMENT PLAN

SOUTH CAROLINA
Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Site ID # 07303 Facility Name Former Li'l Cricket #339

Site Maps

1. Attach a copy of the relevant portion of the USGS topographic map showing the site location.

2. Prepare a site base map. This map must be accurately scaled, but does not need to be surveyed. The map must include the following:

North	Legend with facility name and address, Site ID number, date, and a bar scale
Location of property lines	Streets or highways (indicate names and numbers)
Location of buildings	Identification of located buildings
Paved areas on or adjacent to site	Locations of all present and former ASTs and USTs
Previous soil sampling locations	Underground and above ground utilities on or adjacent to site
Previous monitoring well locations	Locations of any other potential receptor

Aquifer Characterization (Check one an provide explanation for choice)

Pump Test _____ Slug Tests _____

Slug tests performed during previous assessment.

Small Volume Disposal Type and Method

Soil _____

Purge Water _____

Purge water will be containerized within 55 gallon drums and disposed of properly.

Additional Comments An AFVR Event should be performed on MW-10.

ASSESSMENT PLAN

SOUTH CAROLINA
Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Site ID # 07303 County Oconee Facility Name Former Li'l Cricket #339
Facility Address 800 West North First Street, Seneca, SC
Responsible party Li'l Cricket Food Stores Address PO Box 4551, Spartanburg, SC
No. USTs 6 removed? Yes, Feb. 2000 & 2004 (date) replaced ? No (date)
Current use of facility/property Commercial property – vacant diner
Current property owner name Thomas H. Glenn
Current property owner address unknown

Field Screening Methodology
Specify the field screening methodology to be used. The use of field screening methods to optimize the number and location of permanent wells is required.

Permanent Monitoring wells (Estimate number and total completed depth)
# of shall wells _____ total depth _____
# of deep wells _____ total depth _____ (if necessary)
Comments, if warranted _____

Analyses BTEX, Naphthalene, MTBE
List the analytical parameters (e.g., BTEX MTBE) and estimated number.
Groundwater:
40 – BTEX, Naphthalene, MTBE, 1,2-DCA
40 – EDB
40 – Lead
40 – Oxygenates

Implementation Schedule
Start up date Upon Approval Completion date 90 Days from Approval
Report submittal date 90 Days from Approval

ASSESSMENT COMPONENT INVOICE
SOUTH CAROLINA
Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
State Underground Petroleum Environmental Response Bank Account

Facility Name Former Li'l Cricket #339
UST Permit # 07303 Cost Agreement # Proposal

	ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
1	Plan*				
	A. Plan Preparation		X	$100.00	
	B. Tax Maps		X	$50.00	
2	Receptor Survey*		X	$500.00	
3	Comprehensive Survey		X	$1,000.00	
4	Mob/Demob				
	A. Equipment - 23	1	X	$575.00	$575.00
	B. Personnel - 10, 17, 23	3	each	$290.00	$870.00
	C. Adverse Terrain Vehicle		X	$575.00	
5	Soil Borings (hand auger)*		feet X	$14.00	
6	Soil Borings(drilled) & Field Screening		feet X	$17.00	
7	Soil Leachability Model		each X	$200.00	
8	Abandonment*		feet X	$5.00	
9	Well Installation *				
	A. Water Table (hand auger)		feet X	$20.00	
	B. Water Table (drilled)		feet X	$38.00	
	C. Telescoping		feet X	$58.00	
	D. Rock Drilling		feet X	$58.00	
10	Groundwater Sample collection*				
	A. Groundwater	9	samples X	$55.00	$495.00
	B. Air Vapor		samples X	$90.00	
	C. Water Supply		samples X	$25.00	
	D. Groundwater No Purge	31	samples X	$35.00	$1,085.00
	E. Gauge Well Only		per well X	$20.00	
11	Analyses-Groundwater	(See Analytical Methodology for analyses)			
	A. BTEX + Napth. + MTBE	40	samples X	$100.00	$4,000.00
	BB. 1,2-DCA	40	samples X	$10.75	$430.00
	C. BTEX+naph.+MTBE Trimethylbenzene		samples X	$135.00	
	D. PAH's		samples X	$120.00	
	E. Lead	40	samples X	$20.00	$800.00
	F. EDB	40	samples X	$55.00	$2,200.00
	G. 8 RCRA Metals		samples X	$140.00	
	H. TPH (9070)		samples X	$55.00	
	I. pH		samples X	$10.00	
	J. BOD		samples X	$40.00	
	K. Nitrate		samples X	$20.00	
	L. Sulfate		samples X	$20.00	
	M. Ferrous Iron		samples X	$20.00	
	N. Methane		samples X	$110.00	
	O. Organic Lead		samples X	$100.00	
	P. 8 Oxygenates	40	samples X	$85.00	$3,400.00

Continued on second page

11	Analyses-Soils				
	Q. BTEX + Napth.		samples X	$100.00	
	R. PAH's		samples X	$120.00	
	S. 8 RCRA Metals		samples X	$150.00	
	T. TPH (9071)		samples X	$60.00	
	U. TPH (3550B/8015B)		samples X	$65.00	
	V. TPH (5030B/8015B)		samples X	$65.00	
	W. Grain size / hydrometer		samples X	$75.00	
	X. Total Organic Carbon		samples X	$35.00	
11	Analyses-Air				
	Y. BTEX + Naph.		samples X	$100.00	
	Z. Hydrocarbon Fuel Identification		samples X	$593.00	
12	Aquifer Characterization*				
	A. Pumping Test		hours X	$120.00	
	B. Slug Test		tests X	$150.00	
13	Free Product Recovery Rate Test*		tests X	$120.00	
14	Fate/Transport Modeling				
	A. Mathematical Model		each	$300.00	
	B. Computer Model		each	$500.00	
15	Risk Evaluation				
	A. Tier I Risk Evaluation		X	$300.00	
	B. Tier II Risk Evaluation		X	$500.00	
16	Subsequent Survey*		X	$260.00	
17	Disposal*				
	A. Wastewater				
	1. Purging/Sampling	3	drums X	$90.00	$270.00
	2. Pumping Test/EFR	1,000	gallons X	$0.60	$600.00
	B. Free Product		drums X	$110.00	
	C. Soil (Treatment/Disposal)		tons X	$50.00	
18	Miscellaneous (attach receipts)		X		
20	Tier I Assessment (Use DHEC 3665 form)				
21	IGWA (Use DHEC 3666 form)				
22	Corrective Action (Use DHEC 3687 form)				
23	EFR A. 8-hour Event*	1	each X	$3,000.00	$3,000.00
	B. Additional Hour		per hour X	$204.00	
	C. Off-gas treatment	8	per hour X	$35.00	$280.00
24	Granulated Activated Carbon (GAC)				
	filter system installation & service:				
	A. New GAC System Installation*		each X	$2,500.00	
	B. Refurbished GAC Sys. Install*		each X	$850.00	
	C. Filter replacement/removal*		each X	$450.00	
	D. GAC System removal, cleaning,				
	& refurbishment*		each X	$450.00	
	E. GAC System housing		each X	$450.00	
	F. In-line particulate filter		each X	$140.00	
	G. Additional piping & fittings		feet X	$4.00	
19	Report/Project Management & Coordination	$18,005.00	X	15%	$2,700.75
25	Total				$20,705.75

* The appropriate mobilization cost can be added to complete these tasks, as necessary.

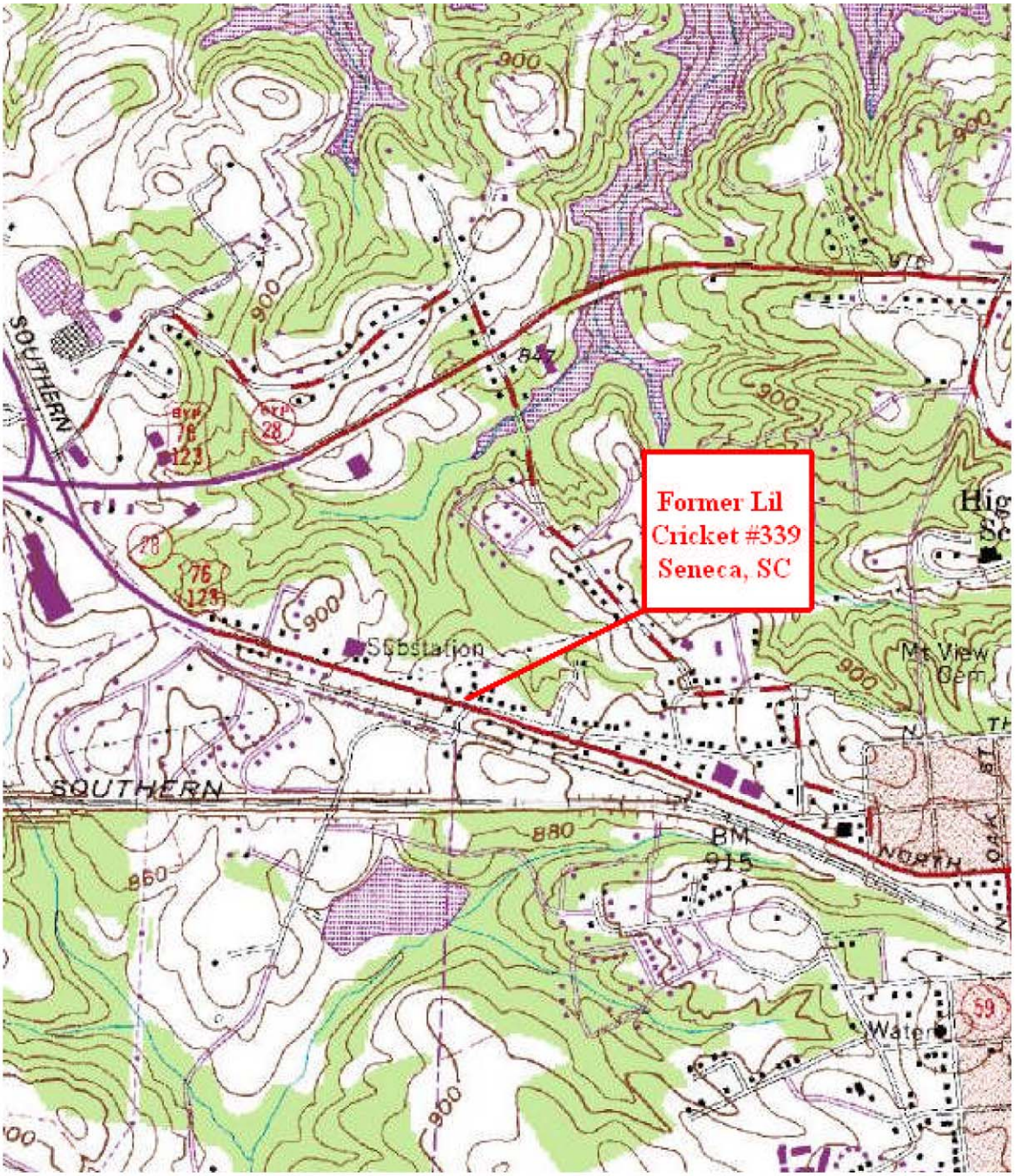


FIGURE 1
SITE LOCATION (USGS)

Former Li'l Cricket #339
800 West North First Street
Seneca, South Carolina

TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

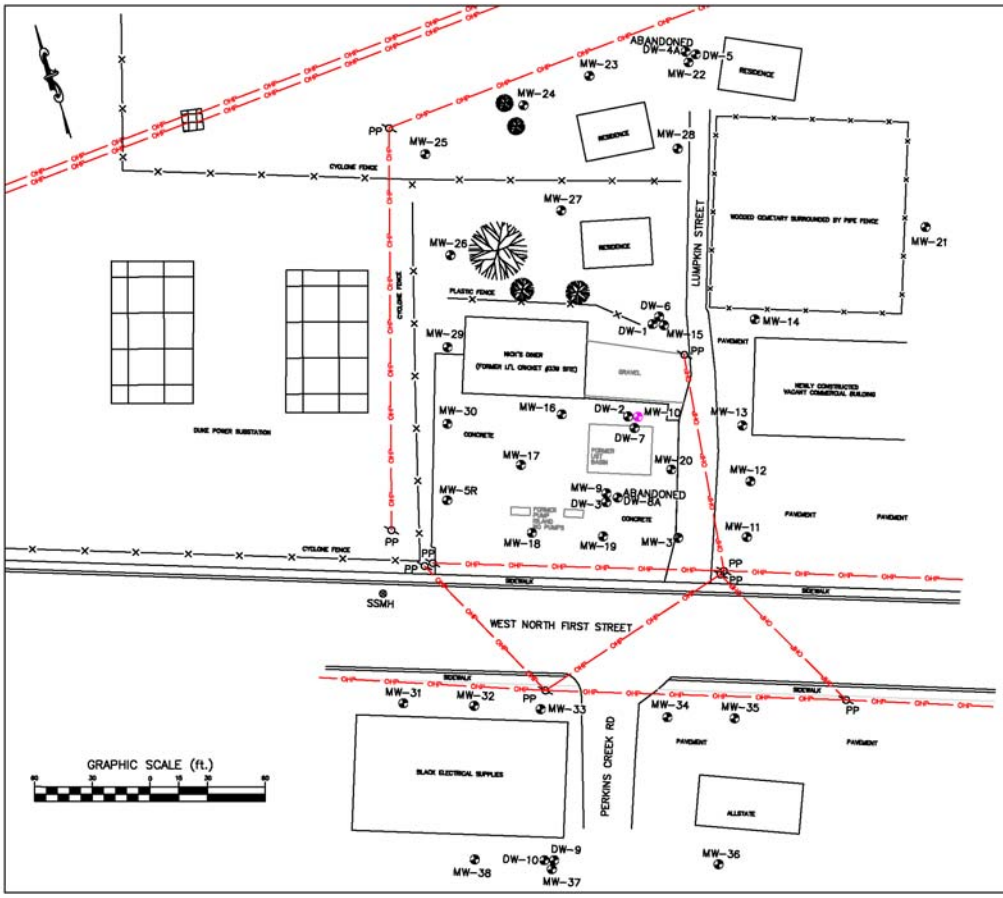
... providing our clients with the best services available, actually understanding our clients objectives, and making their obectives our own!

PO Box 25
Summerville, South Carolina 29484
(800) 325-0605 (843)-873-8200 fax: (843)-873-8765

SIZE	TERRY Project No.	DWG NO.	REV
B	2170D	Figure 1 Site Location	

SCALE: NOT TO SCALE

DATE: JULY 2009



LEGEND AND ABBREVIATIONS:

- MW = MONITORING WELL
- SSMH = SANITARY SEWER MAN HOLE
- PP = POWER POLE
- UST = UNDERGROUND STORAGE TANK
- —X— = FENCE
- —OHP— = OVERHEAD POWER LINE
- PROPOSED RECOVERY WELL

TERRY ENVIRONMENTAL SERVICES
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FIGURE 2
PROPOSAL MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170D	07303
SCALE 1" = 50'	DATE JULY 2009

ASSESSMENT PLAN

SOUTH CAROLINA
Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

UST
AUG 0 6 2009
PROGRAM

Site ID # 07303 Facility Name Li'l Cricket #339

Site Maps

1. Attach a copy of the relevant portion of the USGS topographic map showing the site location.

2. Prepare a site base map. This map must be accurately scaled, but does not need to be surveyed. The map must include the following:

North	Legend with facility name and address, Site ID number, date, and a bar scale
Location of property lines	Streets or highways (indicate names and numbers)
Location of buildings	Identification of located buildings
Paved areas on or adjacent to site	Locations of all present and former ASTs and USTs
Previous soil sampling locations	Underground and above ground utilities on or adjacent to site
Previous monitoring well locations	Locations of any other potential receptor

Aquifer Characterization (Check one an provide explanation for choice)

Pump Test _____ Slug Tests _____

Small Volume Disposal Type and Method

Soil

Soil cuttings will be containerized within 55 gallon drums and disposed of properly.

Purge Water

Purge water will be containerized within 55 gallon drums and disposed of properly.

Additional Comments

An AFVR Event should be performed on MW-10.

UST
DOCKET
14702

ASSESSMENT PLAN

SOUTH CAROLINA
Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Site ID # 07303 County Oconee Facility Name Li'l Cricket #339

Facility Address 800 North West First Street, Seneca, SC

Responsible party Li'l Cricket Convenience Stores Address PO Box 4551, Spartanburg, SC

No. USTs 6 removed? Yes, Feb. 2000 & 2004 (date) replaced? No (date)

Current use of facility/property Commercial property – vacant diner

Current property owner name Thomas H. Glenn

Current property owner address unknown

Field Screening Methodology

Specify the field screening methodology to be used. The use of field screening methods to optimize the number and location of permanent wells is required.

16 shallow Geoprobe borings will be advanced to depths of 55 feet to further assess the horizontal extent of the groundwater contamination. Upon collection, groundwater samples will be submitted for laboratory analysis. Following plume delineation, monitoring wells will be installed after conference with the SCDHEC Project Manager.

**Due to the wooded nature of the proposed borings and subsequent well locations, clearing will be required to access these locations. This will also have to be approved by the current property owner.

Permanent Monitoring wells (Estimate number and total completed depth)

# of shall wells 9 (55' each) total depth 495'

# of deep wells _____ total depth _____ (if necessary)

Comments, if warranted _____

Analyses BTEX, Naphthalene, MTBE

List the analytical parameters (e.g., BTEX MTBE) and estimated number.

Groundwater:

8 – BTEX, Naphthalene, MTBE (during field screening)

49 – BTEX, Naphthalene, MTBE, 1,2-DCA

49 – Lead

49 – EDB

49 - Oxygenates

Implementation Schedule

Start up date Upon Approval Completion date 90 Days from Approval

Report submittal date 90 Days from Approval

ASSESSMENT COMPONENT INVOICE
SOUTH CAROLINA
Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
State Underground Petroleum Environmental Response Bank Account

Facility Name Former Li'l Cricket #339
UST Permit # 07303
Cost Agreement # Proposal

	ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
1	Plan*				
	A. Plan Preparation	1	X	$100.00	$100.00
	B. Tax Maps		X	$50.00	
2	Receptor Survey*		X	$500.00	
3	Comprehensive Survey		X	$1,000.00	
4	Mob/Demob				
	A. Equipment - 6, 9, 23	3	X	$575.00	$1,725.00
	B. Personnel - 6, 9, 10, 17, 18, 23	6	each	$290.00	$1,740.00
	C. Adverse Terrain Vehicle		X	$575.00	
5	Soil Borings (hand auger)*		feet X	$14.00	
6	Soil Borings(drilled) & Field Screening	880	feet X	$17.00	$14,960.00
7	Soil Leachability Model		each X	$200.00	
8	Abandonment*	880	feet X	$5.00	$4,400.00
9	Well Installation *				
	A. Water Table (hand auger)		feet X	$20.00	
	B. Water Table (drilled)	495	feet X	$38.00	$18,810.00
	C. Telescoping		feet X	$58.00	
	D. Rock Drilling		feet X	$58.00	
10	Groundwater Sample collection*				
	A. Groundwater	19	samples X	$55.00	$1,045.00
	B. Air Vapor		samples X	$90.00	
	C. Water Supply		samples X	$25.00	
	D. Groundwater No Purge	30	samples X	$35.00	$1,050.00
	E. Gauge Well Only		per well X	$20.00	
11	Analyses-Groundwater	(See Analytical Methodology for analyses)			
	A. BTEX + Napth. + MTBE (8FD + 49 MW)	57	samples X	$100.00	$5,700.00
	BB. 1,2-DCA	49	samples X	$10.75	$526.75
	C. BTEX+naph.+MTBE Trimethylbenzene		samples X	$135.00	
	D. PAH's		samples X	$120.00	
	E. Lead	49	samples X	$20.00	$980.00
	F. EDB	49	samples X	$55.00	$2,695.00
	G. 8 RCRA Metals		samples X	$140.00	
	H. TPH (9070)		samples X	$55.00	
	I. pH		samples X	$10.00	
	J. BOD		samples X	$40.00	
	K. Nitrate		samples X	$20.00	
	L. Sulfate		samples X	$20.00	
	M. Ferrous Iron		samples X	$20.00	
	N. Methane		samples X	$110.00	
	O. Organic Lead		samples X	$100.00	
	P. 8 Oxygenates	49	samples X	$85.00	$4,165.00

Continued on second page

11	Analyses-Soils				
	Q. BTEX + Napth.		samples X	$100.00	
	R. PAH's		samples X	$120.00	
	S. 8 RCRA Metals		samples X	$150.00	
	T. TPH (9071)		samples X	$60.00	
	U. TPH (3550B/8015B)		samples X	$65.00	
	V. TPH (5030B/8015B)		samples X	$65.00	
	W. Grain size / hydrometer		samples X	$75.00	
	X. Total Organic Carbon		samples X	$35.00	
11	Analyses-Air				
	Y. BTEX + Naph.		samples X	$100.00	
	Z. Hydrocarbon Fuel Identification		samples X	$593.00	
12	Aquifer Characterization*				
	A. Pumping Test		hours X	$120.00	
	B. Slug Test		tests X	$150.00	
13	Free Product Recovery Rate Test*		tests X	$120.00	
14	Fate/Transport Modeling				
	A. Mathematical Model		each	$300.00	
	B. Computer Model		each	$500.00	
15	Risk Evaluation				
	A. Tier I Risk Evaluation		X	$300.00	
	B. Tier II Risk Evaluation		X	$500.00	
16	Subsequent Survey*		X	$260.00	
17	Disposal*				
	A. Wastewater				
	1. Purging/Sampling	8	drums X	$90.00	$720.00
	2. Pumping Test/EFR	1,000	gallons X	$0.60	$600.00
	B. Free Product		drums X	$110.00	
	C. Soil (Treatment/Disposal)	30	tons X	$50.00	$1,500.00
18	Miscellaneous (attach receipts) - Clearing est.	1	X	$2,000.00	$2,000.00
20	Tier I Assessment (Use DHEC 3665 form)				
21	IGWA (Use DHEC 3666 form)				
22	Corrective Action (Use DHEC 3687 form)				
23	EFR A. 8-hour Event*	1	each X	$3,000.00	$3,000.00
	B. Additional Hour		per hour X	$204.00	
	C. Off-gas treatment	8	per hour X	$35.00	$280.00
24	Granulated Activated Carbon (GAC)				
	filter system installation & service:				
	A. New GAC System Installation*		each X	$2,500.00	
	B. Refurbished GAC Sys. Install*		each X	$850.00	
	C. Filter replacement/removal*		each X	$450.00	
	D. GAC System removal, cleaning,				
	& refurbishment*		each X	$450.00	
	E. GAC System housing		each X	$450.00	
	F. In-line particulate filter		each X	$140.00	
	G. Additional piping & fittings		feet X	$4.00	
19	Report/Project Management & Coordination	$65,996.75	X	15%	$9,899.51
25	Total				$75,896.26

* The appropriate mobilization cost can be added to complete these tasks, as necessary.

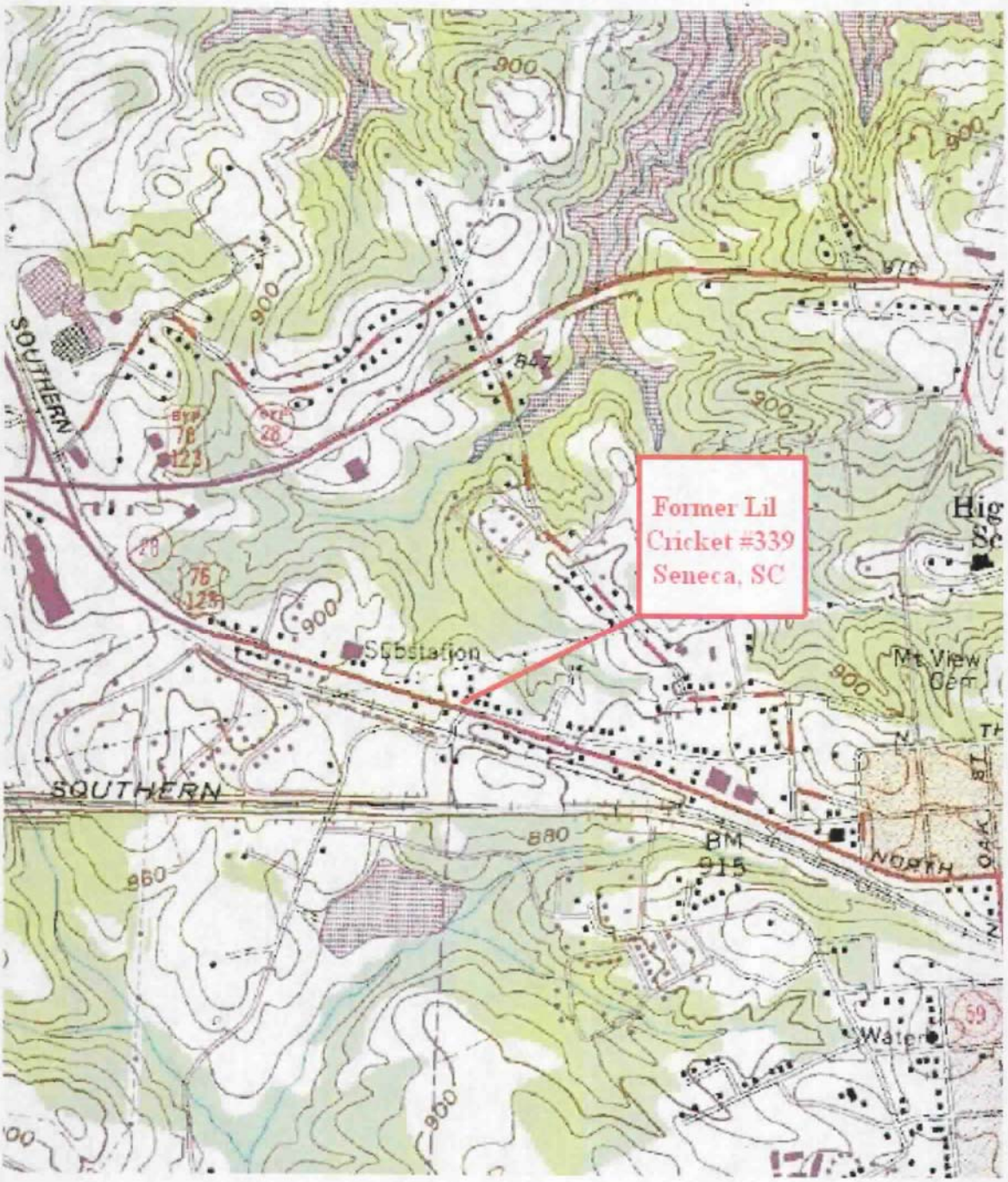


FIGURE 1
SITE LOCATION (USGS)

Former Li'l Cricket #339
800 West North First Street
Seneca, South Carolina

TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

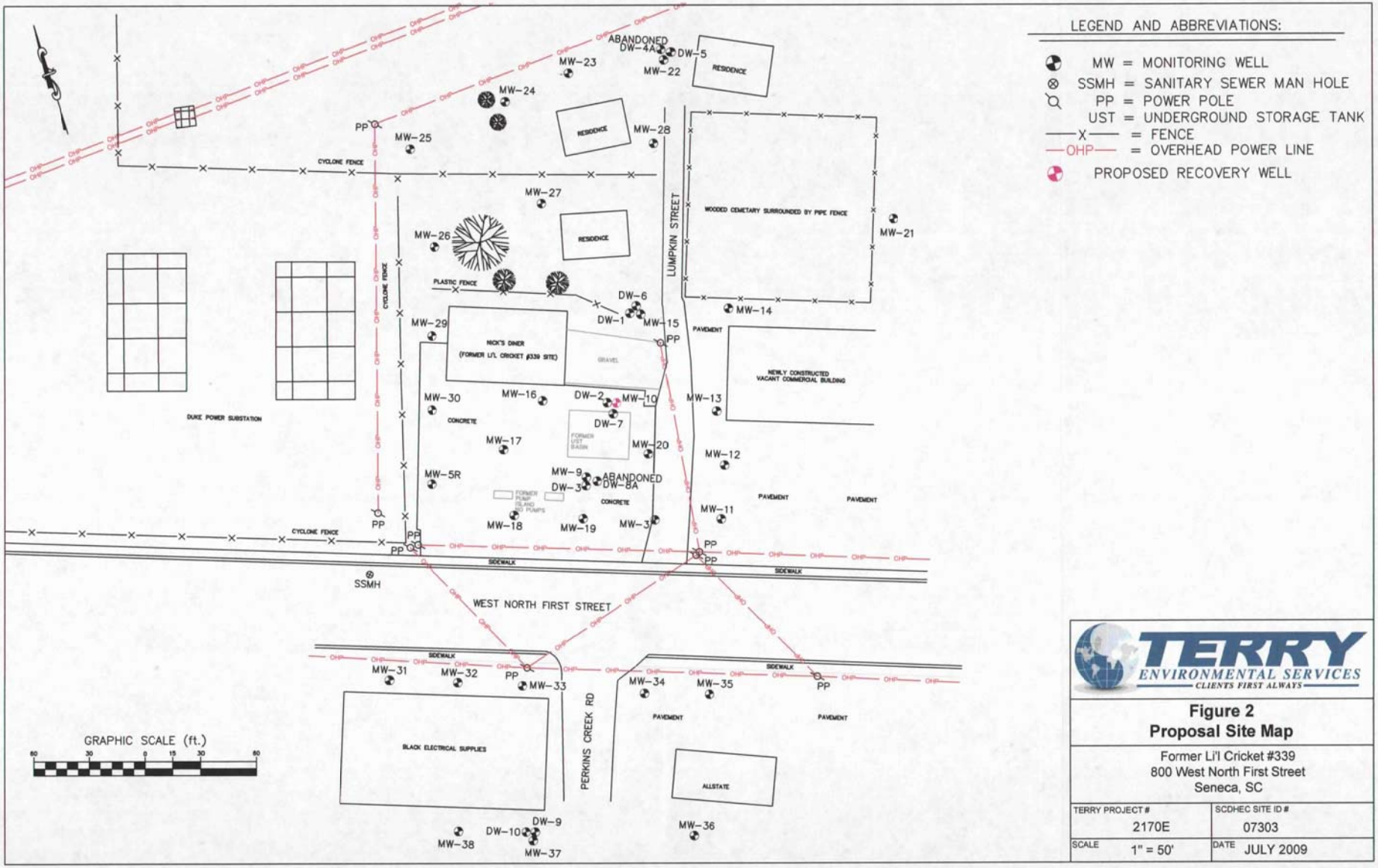
... providing our clients with the best services available, actually understanding our clients objectives, and making their obectives our own!

PO Box 25
Summerville, South Carolina 29484
(800) 325-0605 (843)-873-8200 fax: (843)-873-8765

SIZE	TERRY Project No.	DWG NO.	REV
B	2170E	Figure 1 Site Location	

SCALE: NOT TO SCALE

DATE: JULY 2009



TERRY ENVIRONMENTAL SERVICES
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Figure 2
Proposal Site Map

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170E	07303
SCALE 1" = 50'	DATE JULY 2009

- Monitoring Well
- Contaminated Well
- Proposed Shallow GW Boring
- Proposed Shallow Well

Note: Well locations and measurements are approximate.

TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

Figure 3
Proposal Aerial Map

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170E	07303
SCALE Not to Scale	DATE JULY 2009

D H E C
PROMOTE PROTECT PROSPER

C. Earl Hunter, Commissioner

Promoting and protecting the health of the public and the environment.

JUL 13 2010

UST DOCKET 15160

MR TERRY L LENMAN
LIL CRICKET CONVENIENCE STORES INC
PO BOX 4551
SPARTANBURG SC 29305-4551

Re: Tier II Assessment Report Directive
Former Li'l Cricket #339, 800 North West First Street, Seneca, SC
UST Permit # 07303; CA # 36773; MWA # UMW-23042
Release Reported April 27, 1989
Assessment Plan with Associated Cost Agreement received August 6, 2009
Oconee County

Dear Mr. Lenman:

The Underground Storage Tank (UST) Management Division of the South Carolina Department of Health and Environmental Control (SCDHEC) recognizes your commitment to continue work at this site utilizing your own contractor, Terry Environmental, Incorporated. The UST Division agrees with your site rehabilitation contractor that an Aggressive Fluid and Vapor Recovery (AFVR) event should be conducted on monitoring well MW-10 and additional monitoring wells installed to define petroleum Chemicals of Concern (CoC) at the referenced facility.

Assessment activities at the site should begin immediately upon receipt of this letter. Cost agreement 36773 has been approved in the amount shown on the enclosed cost agreement form for a Tier II Assessment and AFVR event on monitoring well MW-10. Please be advised that SUPERB Account Allowable Costs dated February 1, 2006 states, "If the vertical and horizontal extent of chemicals of concern is not fully defined by the tier report, the Department may not approve additional future mobilizations for additional screening or well installation." Therefore only one equipment mobilization has been approved for this scope of work. Monitoring wells approval has been provided to your site rehabilitation contractor. A copy of the monitoring well approval is enclosed for your records. Assessment activities should be in accordance with the Tier II Guidance document and appendices a copy is available on line at our website at http://www.scdhec.gov/environment/lwm/html/ust_guidance_docs.htm.

Please be aware that a total of $277,518.32 has been reimbursed to date and this base line sampling and installation of necessary monitoring wells represents an additional $68,032.26 in assessment activities. Lil Cricket Convenience Stores will be responsible for rehabilitation costs that would exceed $1 million.

The Tier II Assessment and AFVR Report and invoice are due within 100 days from the date of this letter. The soil sample exhibiting the highest volatile organic value above the saturated zone for each new monitoring well should be sent for laboratory analyses. Monitoring wells should be sampled approximately 30 days after the completion of the AFVR event. Existing groundwater monitoring wells that properly bracket the water table do not need to be purged. Groundwater samples from all monitoring wells associated with this release should be collected and analyzed for BTEX, naphthalene, MtBE, lead, EDB, 8 oxygenates, and 1,2 DCA. Soil and groundwater samples should be analyzed in accordance with

Analytical Methodology for Soil and Groundwater Assessment for Petroleum Releases dated June 24, 2005. A copy of this publication is available on line at http://www.scdhec.gov/eqc/lwm/forms/analmetpdf.

Terry Environmental Services, Incorporated can submit an invoice for direct billing from the State Underground Petroleum Environmental Response Bank (SUPERB) Account for approved costs. An interim well drilling invoice may be submitted for well installation. If the invoice is not submitted within 120 days from the date of this letter, monies allocated to pay this invoice will be uncommitted. This means that the invoice will not be processed for payment until all other committed funds are paid or monies become available. Shallow groundwater monitoring wells must be installed with 10 foot screens that properly bracket the water table. Please note, if unnecessary dilutions are completed resulting in reporting limits of individual CoC in excess of Risk-Based Screening Levels (RBSLs), the data cannot be used. In those cases, the Division may deny payment for any non-detect analysis where the reporting limit exceeds the RBSL. The UST Division encourages the use of 'J' values as necessary so the appropriate action can be determined for a release. Please be advised that all applicable South Carolina certification requirements apply to the laboratory services, well installation, and report preparation. All site rehabilitation activities must be performed and submitted by a South Carolina Certified Underground Storage Tank Site Rehabilitation Contractor.

Please note that you and/or your contractor are responsible for obtaining all off-site access agreements and/or encroachment permits necessary for this scope of work.

The Department grants pre-approval for transportation of virgin petroleum impacted soil and groundwater from the referenced site to a permitted treatment facility. There can be no spillage or leakage in transport. All investigation-derived waste (IDW) must be properly contained and labeled prior to disposal. IDW should not be stored on-site longer than ninety (90) days. A copy of the disposal manifest and/or acceptance letter from the receiving facility that clearly designates the quantity received must be included as an appendix to the report. If the CoC concentrations, based on laboratory analysis, are below RBSLs, please contact the project manager for approval to dispose of soil and/or groundwater on site. The SUPERB Account will not reimburse for transportation or treatment of soil and/or groundwater with concentrations below RBSLs.

On all correspondence regarding this site, please reference UST Permit number 07303. Should you have any questions regarding this correspondence, please feel free to contact me at (803) 896-6669, fax me at (803) 896-6245, or e-mail me at shradeaa@dhec.sc.gov.

Sincerely,

Arthur Shrader, Hydrogeologist
Assessment Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

enc: Approved Cost Agreement (ACA)
Monitoring Well Approval (MWA)

cc: Mr. Glenn, 800 North West First Street, Seneca, SC 29678 (without enc.)
Terry Environmental Services, Inc., PO Box 25, Summerville, SC 29484 (with enc.)
Technical file (with enc.)

D H E C

PROMOTE PROTECT PROSPER

C. Earl Hunter, Commissioner

Promoting and protecting the health of the public and the environment.

Monitoring Well Approval

Approval is hereby granted to:	Terry Environmental Services, Incorporated
(On behalf of):	Lil Cricket Food Stores Incorporated
Facility:	Li'l Cricket #339, 800 North West First Street, Seneca, SC
UST Permit Number:	07303
County:	Oconee

This approval is for the installation of sixteen temporary and nine shallow groundwater-monitoring wells. The monitoring wells are to be installed in the approved locations. The monitoring wells are to be installed following the South Carolina Well Standards, R.61-71, and the applicable guidance documents.

Please note that R.61-71 requires the following:

1. All wells shall be drilled, constructed, and abandoned by a South Carolina certified well driller per R.61-71.D.1.

2. All monitoring wells shall be labeled as required by R.61-71.H.2.c.

3. A Water Well Record Form or other form provided or approved by the Department shall be completed and submitted to the Department within 30 days after well completion or abandonment unless another schedule has been approved by the Department. The form should contain the "as-built" construction details and all other information required by R.61-71.H.1.f

4. All analytical data and water levels obtained from each monitoring well shall be submitted to the Department within 30 days of receipt of laboratory results unless another schedule has been approved by the Department as required by R.61-71.H.1.d.

5. If any of the information provided to the Department changes, notification to Arthur Shrader (tel: (803) 896-6669 or e-mail: shradeaa@dhec.sc.gov) shall be provided a minimum of twenty-four (24) hours prior to well construction as required by R.61-71.H.1.a.

6. All temporary monitoring wells shall be abandoned within 5 days of borehole completion using appropriate methods as required by R.61-71.H.4.c. All other wells shall be properly developed per R.61-71.H.2.d.

7. Departmental approval is required prior to abandonment of all monitoring wells as required by R.61-71.H.1.a.

This approval is pursuant to the provisions of Section 44-55-40 of the 1976 South Carolina Code of Laws and R.61-71 of the South Carolina Well Standards and Regulations, dated April 26, 2002. A copy of this approval should be on the site during well installation.

Date of Issuance: **August 6, 2009** **Approval #:** **UMW-23042**

Arthur Shrader Hydrogeologist
Assessment Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

Approved Cost Agreement 36773

Facility: 07303 LIL CRICKET 339
SHRADEAA
PO Number:

Task / Description	Categories	Item Description	Qty / Pct	Unit Price	Amount
01 PLAN					
		A PLAN PREPARATION	1.0000	100.00	100.00
04 MOB/DEMOB					
		A EQUIPMENT	1.0000	575.00	575.00
		B PERSONNEL	5.0000	290.00	1,450.00
		C ADVERSE TERRAIN VEHICLE	1.0000	575.00	575.00
06 SOIL BORINGS (DRILLED)					
		A SOIL BORINGS & FLD SCREENING	880.0000	17.00	14,960.00
08 ABANDONMENT					
		ABANDONMENT	880.0000	5.00	4,400.00
09 WELL INSTALLATION					
		B WATER TABLE (DRILLED)	495.0000	38.00	18,810.00
10 SAMPLE COLLECTION					
		A GROUND WATER	19.0000	55.00	1,045.00
		D GROUNDWATER NO-PURGE	30.0000	35.00	1,050.00
		F SAMPLE BELOW PRODUCT	1.0000	50.00	50.00
11 ANALYSES	GW GROUNDWATER				
		A BTEX+NAPTH+MTBE	57.0000	100.00	5,700.00
		BB 1,2-DCA	49.0000	10.75	526.75
		E LEAD	49.0000	20.00	980.00
		F EDB	49.0000	55.00	2,695.00
16 SUBSEQUENT SURVEY					
		SUBSEQUENT SURVEY	1.0000	260.00	260.00
17 DISPOSAL					
		A1 WASTEWATER - PURGING/SAMPLING	8.0000	90.00	720.00
		A2 WASTEWATER - PUMPING TEST	800.0000	0.60	480.00
		C SOIL (TREATMENT/DISPOSAL)	30.0000	50.00	1,500.00
19 RPT/PROJECT MNGT & COORDINATIO					
		PCT PERCENT	0.1500	59,156.75	8,873.51
23 EFR					
		A 8 HOUR EVENT	1.0000	3,000.00	3,000.00
		C OFF GAS TREATMENT	8.0000	35.00	280.00
			Total Amount		68,030.26

TERRY Environmental Services
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UST
OCT 0 8 2010
PROGRAM

October 6, 2010

South Carolina Department of Health and Environmental Control
Assessment Section
2600 Bull Street
Columbia, South Carolina 29201

UST
DOCKET

Attention: Mr. Arthur Shrader, Hydrogeologist

Reference: **REQUEST FOR ASSISTANCE WITH OFF-SITE ACCESS**
TIER II ASSESSMENT DIRECTIVE
Li'l Cricket #339, UST Permit #07303, CA #36773
800 West North First Street, Seneca, South Carolina
TERRY Project #2170E

Dear Mr. Shrader,

TERRY Environmental Services, Inc. (TERRY) received the Tier II Assessment Report Directive dated July 13, 2010. We immediately researched the properties that would require off-site access agreements to conduct the directed scope of work. Two properties were identified that would require agreements; Parcel #520-21-01-012 and Parcel #520-22-01-037 (Attachment 1, Figure 1). Access was denied to Parcel #520-21-01-012 therefore a second attempt was made to gain access to Parcel #520-21-01-010. Please see the details of our attempts for each parcel to follow:

PARCEL #520-21-01-012

The parcel identified as #520-21-01-012 by the Oconee County Tax Assessor's Office is owned by Thomas H. Glenn. Mr. Glenn is also the current owner of the former Li'l Cricket #339 site. Due to previous contact with Mr. Glenn, the initial request for off-site access was sent regular mail to Mr. Glenn on July 21, 2010. On July 23, 2010 TERRY personnel received a phone call from Mr. Glenn vehemently denying access to the subject parcel. Mr. Glenn was extremely non-cooperative as detailed in the attached Telephone Conversation Log dated July 23, 2010. The denial for off-site access was relayed to SCDHEC on July 26, 2010 via electronic mail. Documentation is provided in Attachment 2.

PARCEL #520-22-01-037

The parcel identified as #520-22-01-037 by the Oconee County Tax Assessor's Office is owned by Troy D. Grant. The initial request for off-site access was sent via certified mail on July 21, 2010. The letter was confirmed delivered on July 26, 2010 and signed for by Sarah E. Owen. After no response to the initial request a second letter was mailed via certified mail on August 3,

2010. The letter was confirmed delivered on August 5, 2010 and signed for by Troy W. Grant. Mr. Grant was still non-responsive so a third letter was sent regular mail on September 13, 2010. TERRY has had no response or contact regarding our three attempts to gain off-site access to this parcel. Documentation is provided in Attachment 3.

PARCEL #520-21-01-010

The parcel identified as #520-21-01-010 by the Oconee County Tax Assessor's Office is owned by Duke Energy (Duke). Duke was initially contacted in June 2009 during the Tier II Assessment. Off-site access was denied due to OSHA safety requirements that govern entrance to the substation located on the parcel. When access was denied by Mr. Glenn to Parcel #520-21-01-012 in July 2010, TERRY again contacted Duke to see if it would be possible to gain limited access to the portions of the parcel that are located outside of the fenced substation.

Mr. Jerry Allen with Duke was contacted via electronic mail on July 26, 2010 with details concerning our revised request for off-site access. Mr. Allen responded on July 30, 2010 that he had received my request. On August 10, 2010 Mr. Allen called requesting additional information. A detailed response was sent via electronic mail addressing his concerns for the term of the off-site agreement. Mr. Allen has since been contacted via electronic mail on September 13, 2010 and October 6, 2010 for an update on our request. No response from Duke has been received to date. Documentation is provided in Attachment 4.

CONCLUSION

Based on the details and documentation presented herein TERRY has been unsuccessful at obtaining the off-site access agreements required to complete the directed scope of work. TERRY is requesting that SCDHEC assist in contacting the parties involved in an attempt to gain the required off-site access.

We appreciate your assistance with this project. If there are any questions regarding the information presented here, please contact us at (843) 873-8200.

Sincerely,

KK Cone

Kelly K. Cone, PG
Project Manager

Jason A. Terry, PG
President

cc: Mr. Gordon Zuber

ATTACHMENT 1

Figure

TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

FIGURE 1
TAX MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170E	07303
SCALE Not to Scale	DATE OCTOBER 2010

ATTACHMENT 2

Documentation - Parcel #520-21-01-012

TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

PO BOX 25
SUMMERVILLE, SC 29484
843-873-8200 OFFICE
843-873-8765 FAX
1-800-325-0605

MEETING AND TELEPHONE CONVERSATION LOG

Date	7/23/10	Time	4:25
Contact	Thomas Glenn	Address1	
Company		Address 2	
Title	Property Owner	City	
Department		State	
Salutation		Zip	
Phone	864-710-8747 cell	Website	
Mobile		Contact Type	
Email		Terry Personnel	Kelly Cone
Last Results			

OPPORTUNITIES

NOTES — Project #2170E Li'l Cricket #339

Received an irate phone call from Mr. Glenn in reference to the recently mailed Right to Enter (RTE) letter for his adjacent property (TMS #520-21-01-012). Mr. Glenn also owns the former Li'l Cricket site. He said there is no reason we need to be working on his property that is located across another parcel and a ravine with a stream. I told him that we attempted to gain access to the parcel in between during the previous scope of assessment but the property is owned by Duke Power and they will not allow access due to safety. There are high voltage power lines and a substation. He said "there will be a safety issue on my property as well. I am not threatening you, but there will be a safety issue." I tried to explain that DHEC wants to have the plume define in all directions and that his property was the next parcel to the west. He said he didn't care, move on the next property because he would not agree. He went on to say he would call Lindsey Graham if he had to. They are personal friends and he wondered what Mr. Graham would think of all of this nonsense. I told him I would relay his message on to DHEC.

Follow-up Activities:

SHADED AREAS REQUIRED AT A MINIMUM

Kelly Cone

From: Kelly Cone [kcone@terryenvironmental.com]
Sent: Monday, July 26, 2010 12:24 PM
To: 'Art A. Shrader'
Subject: Right to Enter Issues - Former Li'l Cricket #339 (Permit #07303)
Attachments: New GIS Aerial2.bmp

Art,

I need to follow up with you on the Former Li'l Cricket #339 (Permit #07303). As I mentioned in my last e-mail we mailed the two required right to enter agreements last Wednesday. Late Friday afternoon, I received a phone call from Mr. Thomas Glenn. He currently owns the Li'l Cricket property and also owns the parcel to the west of the Duke Substation where we proposed the additional borings/wells. He has always been very helpful and cooperative in the past. This was not the case in reference to the recent request for entry. He was nothing short of irate on the phone. He thinks it is totally unreasonable that we would skip over the adjacent Duke Power Property to his parcel (#520-21-01-012). I tried to explained that access was denied by Duke based on a safety issue due to the high voltage equipment. He replied the we will also have a safety issue if we attempt to enter his property and quickly tried to recover by saying that was not a threat. I told him I would discuss the matter with the DHEC PM and we would proceed as directed based on his refusal for access. He further mentioned that he would call Lindsey Graham if he had to as they are acquaintances and he wondered how Mr. Graham would view the issue.

I have attached the most recent GIS parcel map from Oconee County for your review. With having to skip over the Duke parcel we were already approx. 650 feet to the west of the contaminated boundary wells, MW-25, MW-26, and MW-29. If we have to skip over Mr. Glenn's parcel it will put us approx. 950 feet to the west of the contaminated boundary wells. I have not heard back from the second letter we mailed for entry to parcel #520-22-01-037. I also sent a follow up e-mail to my contact at Duke Power this morning to see if there is any way they will allow us to work in the wooded area to the west of the actual substation. I will keep you posted. Thanks, Kelly

Kelly K. Cone, P.G.
Vice President, Assessment Services

Terry Environmental Services, Inc.
P.O. Box 25
Summerville, SC 29484

843-873-8200 phone
843-873-8765 fax

kcone@terryenvironmental.com

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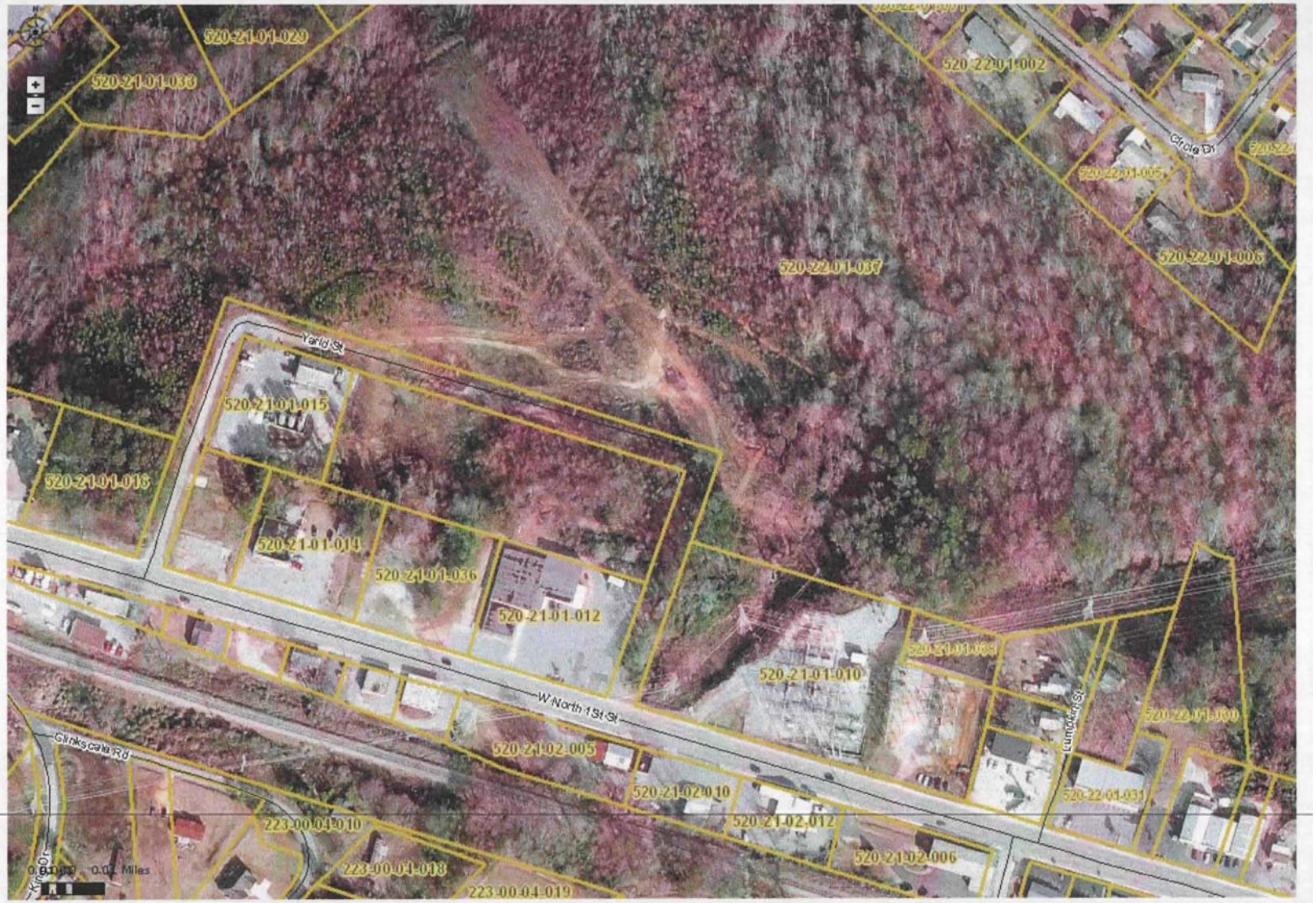
520-21-01-029
520-21-01-033
520-22-01-002
Circle Dr
520-22-01-005
520-22-01-006
520-22-01-037
York St
520-21-01-015
520-21-01-016
520-21-01-014
520-21-01-036
520-21-01-012
520-21-01-010
W North 1St St
Lumber St
520-22-01-031
Glinkycala Rd
520-21-02-005
520-21-02-010
520-21-02-012
520-21-02-006
223-00-04-010
223-00-04-018
223-00-04-019
0.01 Miles

ATTACHMENT 3

Documentation - Parcel #520-22-01-037

UNITED STATES POSTAL SERVICE

Date: 10/04/2010

Kelly Cone:

The following is in response to your 10/04/2010 request for delivery information on your Certified Mail(TM) item number 7196 9011 5430 2701 8383. The delivery record shows that this item was delivered on 07/26/2010 at 10:13 AM in WEST UNION, SC 29696. The scanned image of the recipient information is provided below.

Signature of Recipient:

Sarah E Owen

Address of Recipient: 70

Thank you for selecting the Postal Service for your mailing needs. If you require additional assistance, please contact your local Post Office or postal representative.

Sincerely,

United States Postal Service

UNITED STATES POSTAL SERVICE

Date: 10/04/2010

Kelly Cone:

The following is in response to your 10/04/2010 request for delivery information on your Certified Mail(TM) item number 7196 9011 5430 2701 8567. The delivery record shows that this item was delivered on 08/05/2010 at 11:22 AM in WEST UNION, SC 29696. The scanned image of the recipient information is provided below.

Signature of Recipient: Troy W Grant

Address of Recipient: P.O. Box 70

Thank you for selecting the Postal Service for your mailing needs. If you require additional assistance, please contact your local Post Office or postal representative.

Sincerely,

United States Postal Service

ATTACHMENT 4

Documentation - Parcel #520-21-01-010

Kelly Cone

From: Allen, Jerry W [Jerry.Allen@duke-energy.com]
Sent: Wednesday, June 10, 2009 2:22 PM
To: Kelly Cone
Subject: RE: Follow up on Request for Access - Seneca Tie Station

Duke Energy does not grant access to our electrical substations due to OSHA requirements calling for only trained electrical workers inside such substations. To allow access would require
Duke Energy to provide trained escorts at any time that technicians are in the station to drill or monitor any test sites that may be located inside our fence.

Jerry W. Allen, P.E.
Manager Substation O&M

From: Kelly Cone [mailto:kcone@terryenvironmental.com]
Sent: Wednesday, June 10, 2009 11:49 AM
To: Allen, Jerry W
Subject: Follow up on Request for Access - Seneca Tie Station

Mr. Allen,

I received your contact information from Mr. Mark McGary with Duke Power. We spoke this morning concerning the ongoing Tier II environmental investigation at the Former Li'l Cricket #339 in Seneca, SC. The Li'l Cricket site is located adjacent and to the east of the Seneca Tie Station that is owned and operated by Duke Power. In our attempt to bound the contaminant plume at the Li'l Cricket site we contacted you to gain access to the Seneca Tie Station property. We are requesting access in order to install one or two proposed groundwater monitoring wells.

However, based on our conversation this morning it seems that due to safety and security issues it is Duke's position that they do not intend to grant access to enter the property for the environmental assessment activities associated with the Li'l Cricket site. I am sending this e-mail to document our conversation and to give you a chance to document Duke's position on our request. Thank you again for your prompt response this morning. If you have any additional questions concerning the ongoing assessment work please feel free to contact me. - Kelly

Kelly K. Cone, P.G.
Vice President, Assessment Services

Terry Environmental Services, Inc.
P.O. Box 25
Summerville, SC 29484

843-873-8200 phone
843-873-8765 fax

kcone@terryenvironmental.com

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Kelly Cone

From: Kelly Cone [kcone@terryenvironmental.com]
Sent: Monday, July 26, 2010 12:11 PM
To: 'Jerry.Allen@duke-energy.com'
Subject: FW: Follow up on Request for Access - Seneca Tie Station
Attachments: Oconee County GIS - Duke Prop..pdf

Mr. Allen,

We corresponded briefly back in June of last year regarding the Seneca Tie Station located on West North First Street (see below). I am following up to clarify on one point. We have recently received a directive from SC DHEC requesting that we further delineate the contaminant plume associated with the Former Li'l Cricket #339 site. I realize based on our last contact that Duke will not allow access to the substation itself. However, would it be possible for us to access the area that I have indicated on the attached Oconee County GIS map? If my memory is correct this area is located outside of the fence line. We are currently in the process of contacting Parcel #520-22-01-037 for an access agreement as well. If approved we could access the wooded portion of the Duke parcel from that adjacent parcel and we would not interfere with the substation itself. Please let me know if this is something Duke would consider. I would appreciate any help in this matter. Thanks, Kelly

Kelly K. Cone, P.G.
Vice President, Assessment Services

Terry Environmental Services, Inc.
P.O. Box 25
Summerville, SC 29484

843-873-8200 phone
843-873-8765 fax

kcone@terryenvironmental.com

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Wooded portion of Duke Power Parcel

Former Li'l Cricket Site

Kelly Cone

From: Kelly Cone [kcone@terryenvironmental.com]
Sent: Tuesday, August 10, 2010 10:46 AM
To: 'Allen, Jerry W'
Subject: Details Concerning the Request for Access - Seneca Tie Station

Mr. Allen,

Thanks for your call this morning in response to my recent request for partial access to the Seneca Tie Station (TMS #520-21-01-010). You had inquired about how long the access would be required and whether it would be permanent. Initially we are requesting access to install temporary soil borings (1-2 days on site) and permanent groundwater monitoring wells (2-3 days on site). These wells would be required to be sampled periodically (usually quarterly or semi-annually) to monitor the boundaries of the contaminant plume associated with the Former Li'l Cricket site. SC DHEC will make the final determination about how long the site will be actively monitored. The Right to Enter is currently written to allow access until SCDHEC determines "No Further Action" is required a the Former Li'l Cricket site. Therefore, the access term limit is dependent on SC DHEC and site conditions. I have seen previous access agreements written with a term limit (i.e. five years). However, this would ultimately have to be approved through the SCDHEC Project Manger and is handled on a case by case basis. Please let me know if you need any further clarification. Thanks again for your help in this matter. - Kelly

Kelly K. Cone, P.G.
Vice President, Assessment Services

Terry Environmental Services, Inc.
P.O. Box 25
Summerville, SC 29484

843-873-8200 phone
843-873-8765 fax

kcone@terryenvironmental.com

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TERRY Environmental Services
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#17
UST
DOCKET

October 15, 2010

South Carolina Department of Health and Environmental Control
Assessment Section
2600 Bull Street
Columbia, South Carolina 29201

Attention: Mr. Arthur Shrader, Hydrogeologist

Reference: **REQUEST FOR ASSISTANCE WITH OFF-SITE ACCESS RESPONSE TIER II ASSESSMENT DIRECTIVE**
Li'l Cricket #339, UST Permit #07303, CA #36773
800 West North First Street, Seneca, South Carolina
TERRY Project #2170E

Dear Mr. Shrader,

TERRY Environmental Services, Inc. (TERRY) received your Request for Assistance with Property Access Letter dated October 13, 2010. This is our response to the items where further clarification was requested.

PARCEL #520-21-01-012 (not the subject site)

Thomas H. Glenn is the current owner of the former Li'l Cricket #339 site located at 800 North West First Street, Parcel #520-22-01-034. Mr. Glenn has been very agreeable and allowed access to the former Li'l Cricket #339 site during the past three scopes of assessment work conducted between August 2008 and July 2009.

However, the current assessment directive dated July 13, 2010 requires access to several off-site properties for additional plume delineation. One of those properties identified as #520-21-01-012 by the Oconee County Tax Assessor's Office is also owned by Thomas H. Glenn. Due to our extensive previous contact with Mr. Glenn, the initial request for off-site access was sent regular mail to Mr. Glenn on July 21, 2010. On July 23, 2010 TERRY personnel received a phone call from Mr. Glenn vehemently denying access to the off-site parcel. Mr. Glenn was extremely non-cooperative concerning the requested access to the additional off-site property as detailed in our previous letter.

PARCEL #520-22-01-037

The parcel identified as #520-22-01-037 by the Oconee County Tax Assessor's Office is owned by Troy D. Grant. Three off-site access request letters were sent to the address provided by the

Tax Office. Copies of the letters are provided in Attachment 1 per your request. TERRY has had no response or contact regarding our three attempts to gain off-site access to this parcel.

TERRY would appreciate the assistance from DHEC in sending a follow up letter on Li'l Cricket's behalf. TERRY is prepared to make a site visit to discuss access with Mr. Grant upon approval of the mobilization cost mentioned in your letter of October 13, 2010. The address provided by the tax records is a post office box. TERRY will attempt to locate a physical address and/or a telephone number for Mr. Grant.

PARCEL #520-21-01-010

The parcel identified as #520-21-01-010 by the Oconee County Tax Assessor's Office is owned by Duke Energy (Duke). Duke was initially contacted in June 2009 during the Tier II Assessment. Off-site access was denied due to OSHA safety requirements that govern entrance to the substation located on the parcel. As indicated to TERRY:

"Duke Energy does not grant access to our electrical substations due to OSHA requirements calling for only trained electrical workers inside such substations. To allow access would require Duke Energy to provide trained escorts at any time that technicians are in the station to drill or monitor any test sites that may be located inside our fence."

Based on our contact with Duke, the salary of the Duke escort is not as much of an issue as the inconvenience of the unknown number of days and visits that they may be required for the ongoing assessment and monitoring at the site. As for TERRY personnel obtaining the OSHA training, all TERRY field staff are 40-hour OSHA trained. However, they are not also "electrical workers" as stipulated in Duke Energy policy.

Mr. Jerry Allen responded via electronic mail on October 7, 2010 to TERRY's requests for follow-up that he is "… trying hard to get a reply and will pass it on just as soon as I can."

CONCLUSION

Any assistance the Program could offer in obtaining the needed access would be greatly appreciated. If there are any questions regarding the information provided, please contact us at (843) 873-8200.

Sincerely,

KK Cone

Kelly K. Cone, PG
Project Manager

Jason A. Terry, PG
President

cc: Mr. Gordon Zuber

ATTACHMENT 1

Copies of Troy D. Grant Access Letters

TERRY Environmental Services
CLIENTS FIRST ALWAYS

July 21, 2010

Troy D. Grant
P.O. Box 70
West Union, SC 29696

Re: Former Li'l Cricket #339
800 West North First Street
Seneca, SC 29678
SCDHEC UST Permit #07303

Mr. Grant:

Terry Environmental Services (TERRY) is the acting environmental consultant for the Former Li'l Cricket #339 site which was located at 800 West North First Street, Seneca, South Carolina. The South Carolina Department of Health and Environmental Control (SCDHEC) Underground Storage Tank Program (UST) has directed TERRY to conduct an environmental assessment of the property located at 800 West North First Street (Former Li'l Cricket #339) and adjacent properties (to include a portion of your vacant wooded parcel located to the north of West North First Street) to further define the horizontal extent of the groundwater contamination. The cost for this assessment is paid in full by South Carolina's SUPERB Fund.

The assessment work consists of boring down to depths ranging from 50 to 55 feet to collect groundwater samples for analysis. The boring diameter is approximately 1 inch. If the samples are determined to be "clean," monitoring wells will be installed at depths ranging from 50 to 55 feet in the same locations and these wells will be sampled periodically (approximately every 3 months) to monitor the groundwater for contamination. The wells are 2 inches in diameter. The well covers are steel and due to the highly vegetated nature of the area 4 inch square, approximately 3 feet tall, standup covers will be installed. After SCDHEC determines "No Further Action" is required at the Former Li'l Cricket #339 site, any well(s) on your property will be removed.

To complete this scope of work, TERRY has to access your vacant wooded parcel located to the north of West North First Street. As directed by SCDHEC, TERRY will begin boring activities as soon as possible. During the boring event, we expect to be on your property approximately three to four business days. Although the work is being performed under the direction and authority of SCDHEC, we are asked to obtain your permission prior to commencing any site activities on your property. However, if we fail to hear from you in a timely manner the SCDHEC Project Manager will be contacted and the necessary actions will be taken by the state to gain access to your property.

We have included a "Right of Entry" form and request that you fill this form out and fax it to our office at 843-873-8765, or mail the form to TERRY Environmental Services, PO Box 25, Summerville, SC 29484. If we do not receive the requested form by **July 30, 2010** we will assume that you have received this letter and are non-responsive. At which time a second letter will be mailed and the SCDHEC Project Manager will be contacted for assistance in moving forward with the off-site access agreement.

If you have any questions please contact me at 843-873-8200 and I will be happy to discuss the process. You may also contact the SCDHEC Project Manager Arthur Shrader at 803-896-6245.

Sincerely,

K K Cone

Kelly K. Cone
Project Manager

Jason A. Terry
President

= Approx. extent of proposed work area on parcel

520-22-01-037	GRANT TROY D	TRACTS 9 & 10 E A BROWN PO BOX 70	380	108,400 WEST UNION SC 29696	47.85

RIGHT OF ENTRY

I, _____ certify that I am the legal owner or the authorized representative for Troy D. Grant (owner) of the property described below. Permission is hereby granted to TERRY Environmental Services, Inc. (TERRY) and its agents to enter the referenced property for the following purposes:

Property Description: Vacant Wooded Parcel
Property as defined by Tax Parcel # 520-22-01-037
Location: North of West North First Street
Deed Book: -
Deed Page: -
Plat Book: -
Plat Page: -
Acres: 47.85

Performance of environmental assessment activities including groundwater boring, well installation, sampling, and/or testing as directed by the South Carolina Department of Health and Environmental Control (SCDHEC) Bureau of Underground Storage Tank Management.

TERRY will perform its work on the Property in a good and workmanlike manner, and will keep the Wells in good maintenance and repair while they are installed on the Property.

Once SCDHEC determines "No Further Action" is required at the Former Li'l Cricket #339 site, the monitoring well on your property will be removed. TERRY will complete the work within 60 days of written notice from SCDHEC and will restore the Property to the same condition as exists in the area immediately surrounding the well (i.e. asphalt, concrete, or turf).

Name: _____

Signature: _____

Telephone #: _____

Witness: _____

Date _____

Terry Project: Former Li'l Cricket #339 – 2170E

2170E

TERRY Environmental Services
CLIENTS FIRST ALWAYS

August 3, 2010

Troy D. Grant
P.O. Box 70
West Union, SC 29696

Re: Former Li'l Cricket #339
800 West North First Street
Seneca, SC 29678
SCDHEC UST Permit #07303

Mr. Grant:

Terry Environmental Services (TERRY) is the acting environmental consultant for the Former Li'l Cricket #339 site which was located at 800 West North First Street, Seneca, South Carolina. The South Carolina Department of Health and Environmental Control (SCDHEC) Underground Storage Tank Program (UST) has directed TERRY to conduct an environmental assessment of the property located at 800 West North First Street (Former Li'l Cricket #339) and adjacent properties (to include a portion of your vacant wooded parcel located to the north of West North First Street) to further define the horizontal extent of the groundwater contamination. The cost for this assessment is paid in full by South Carolina's SUPERB Fund.

The assessment work consists of boring down to depths ranging from 50 to 55 feet to collect groundwater samples for analysis. The boring diameter is approximately 1 inch. If the samples are determined to be "clean," monitoring wells will be installed at depths ranging from 50 to 55 feet in the same locations and these wells will be sampled periodically (approximately every 3 months) to monitor the groundwater for contamination. The wells are 2 inches in diameter. The well covers are steel and due to the highly vegetated nature of the area 4 inch square, approximately 3 feet tall, standup covers will be installed. After SCDHEC determines "No Further Action" is required at the Former Li'l Cricket #339 site, any well(s) on your property will be removed.

To complete this scope of work, TERRY has to access your vacant wooded parcel located to the north of West North First Street. As directed by SCDHEC, TERRY will begin boring activities as soon as possible. During the boring event, we expect to be on your property approximately three to four business days. Although the work is being performed under the direction and authority of SCDHEC, we are asked to obtain your permission prior to commencing any site activities on your property. However, if we fail to hear from you in a timely manner the SCDHEC Project Manager will be contacted and the necessary actions will be taken by the state to gain access to your property.

We have included a "Right of Entry" form and request that you fill this form out and fax it to our office at 843-873-8765, or mail the form to TERRY Environmental Services, PO Box 25, Summerville, SC 29484. If we do not receive the requested form by **August 16, 2010** we will assume that you have received this second letter and are non-responsive. At which time the SCDHEC Project Manager will be contacted for assistance in moving forward with the off-site access agreement.

If you have any questions please contact me at 843-873-8200 and I will be happy to discuss the process. You may also contact the SCDHEC Project Manager Arthur Shrader at 803-896-6245.

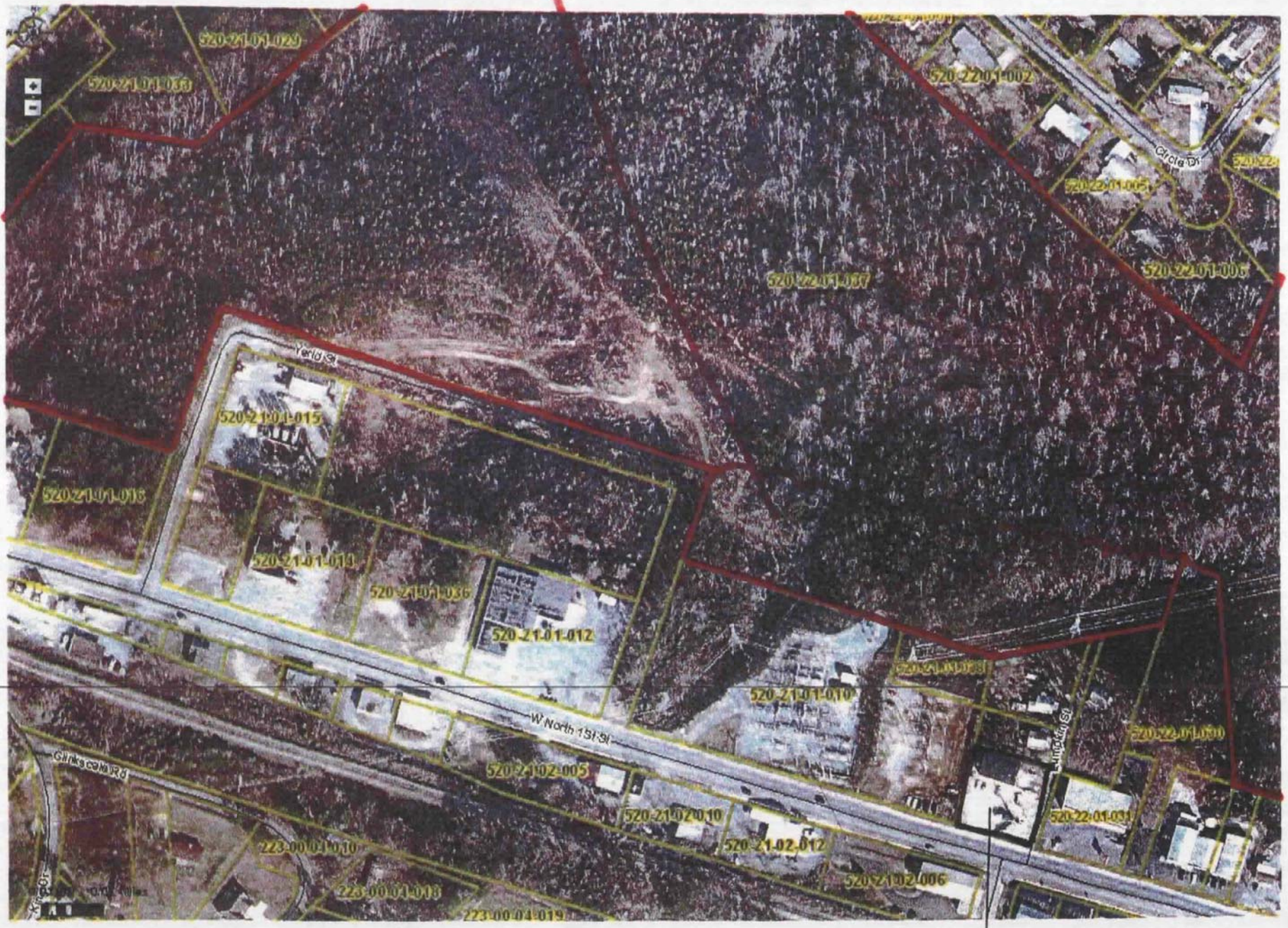
Sincerely,

K K Cone

Kelly K. Cone
Project Manager

Jason A. Terry
President

= Approx. extent of proposed work area on parcel



520-22-01-037	GRANT TROY D	TRACTS 9 & 10 E A BROWN PO BOX 70	380	108,400 WEST UNION SC 29696	47.85

RIGHT OF ENTRY

I, _____ certify that I am the legal owner or the authorized representative for Troy D. Grant (owner) of the property described below. Permission is hereby granted to TERRY Environmental Services, Inc. (TERRY) and its agents to enter the referenced property for the following purposes:

Property Description: Vacant Wooded Parcel
Property as defined by Tax Parcel # 520-22-01-037
Location: North of West North First Street
Deed Book: -
Deed Page: -
Plat Book: -
Plat Page: -
Acres: 47.85

Performance of environmental assessment activities including groundwater boring, well installation, sampling, and/or testing as directed by the South Carolina Department of Health and Environmental Control (SCDHEC) Bureau of Underground Storage Tank Management.

TERRY will perform its work on the Property in a good and workmanlike manner, and will keep the Wells in good maintenance and repair while they are installed on the Property.

Once SCDHEC determines "No Further Action" is required at the Former Li'l Cricket #339 site, the monitoring well on your property will be removed. TERRY will complete the work within 60 days of written notice from SCDHEC and will restore the Property to the same condition as exists in the area immediately surrounding the well (i.e. asphalt, concrete, or turf).

Name: _____

Signature: _____

Telephone #: _____

Witness: _____

Date _____

Terry Project: Former Li'l Cricket #339 – 2170E

2705

TERRY Environmental Services
CLIENTS FIRST ALWAYS

September 13, 2010

Troy D. Grant
P.O. Box 70
West Union, SC 29696

Re: Former Li'l Cricket #339
800 West North First Street
Seneca, SC 29678
SCDHEC UST Permit #07303
THIRD ATTEMPT

Mr. Grant:

Terry Environmental Services (TERRY) is the acting environmental consultant for the Former Li'l Cricket #339 site which was located at 800 West North First Street, Seneca, South Carolina. The South Carolina Department of Health and Environmental Control (SCDHEC) Underground Storage Tank Program (UST) has directed TERRY to conduct an environmental assessment of the property located at 800 West North First Street (Former Li'l Cricket #339) and adjacent properties (to include a portion of your vacant wooded parcel located to the north of West North First Street) to further define the horizontal extent of the groundwater contamination. The cost for this assessment is paid in full by South Carolina's SUPERB Fund.

The assessment work consists of boring down to depths ranging from 50 to 55 feet to collect groundwater samples for analysis. The boring diameter is approximately 1 inch. If the samples are determined to be "clean," monitoring wells will be installed at depths ranging from 50 to 55 feet in the same locations and these wells will be sampled periodically (approximately every 3 months) to monitor the groundwater for contamination. The wells are 2 inches in diameter. The well covers are steel and due to the highly vegetated nature of the area 4 inch square, approximately 3 feet tall, standup covers will be installed. After SCDHEC determines "No Further Action" is required at the Former Li'l Cricket #339 site, any well(s) on your property will be removed.

To complete this scope of work, TERRY has to access your vacant wooded parcel located to the north of West North First Street. As directed by SCDHEC, TERRY will begin boring activities as soon as possible. During the boring event, we expect to be on your property approximately three to four business days. Although the work is being performed under the direction and authority of SCDHEC, we are asked to obtain your permission prior to commencing any site activities on your property. However, if we fail to hear from you in a timely manner the SCDHEC Project Manager will be contacted and the necessary actions will be taken by the state to gain access to your property.

We have included a "Right of Entry" form and request that you fill this form out and fax it to our office at 843-873-8765, or mail the form to TERRY Environmental Services, PO Box 25, Summerville, SC 29484. If we do not receive the requested form by **September 24, 2010** we will assume that you have received this third letter and are non-responsive. At which time the SCDHEC Project Manager will be contacted for assistance in moving forward with the off-site access agreement.

If you have any questions please contact me at 843-873-8200 and I will be happy to discuss the process. You may also contact the SCDHEC Project Manager Arthur Shrader at 803-896-6245.

Sincerely,

K K Cone

Kelly K. Cone
Project Manager

Jason A. Terry
President

= Approx. extent of proposed work area on parcel

Former Lil Cricket site

520-22-01-037	GRANT TROY D	TRACTS 9 & 10 E A BROWN PO BOX 70	380	108,400 WEST UNION SC 29696	47.85

RIGHT OF ENTRY

I, _____ certify that I am the legal owner or the authorized representative for Troy D. Grant (owner) of the property described below. Permission is hereby granted to TERRY Environmental Services, Inc. (TERRY) and its agents to enter the referenced property for the following purposes:

Property Description: Vacant Wooded Parcel
Property as defined by Tax Parcel # 520-22-01-037
Location: North of West North First Street
Deed Book: -
Deed Page: -
Plat Book: -
Plat Page: -
Acres: 47.85

Performance of environmental assessment activities including groundwater boring, well installation, sampling, and/or testing as directed by the South Carolina Department of Health and Environmental Control (SCDHEC) Bureau of Underground Storage Tank Management.

TERRY will perform its work on the Property in a good and workmanlike manner, and will keep the Wells in good maintenance and repair while they are installed on the Property.

Once SCDHEC determines "No Further Action" is required at the Former Li'l Cricket #339 site, the monitoring well on your property will be removed. TERRY will complete the work within 60 days of written notice from SCDHEC and will restore the Property to the same condition as exists in the area immediately surrounding the well (i.e. asphalt, concrete, or turf).

Name: _____

Signature: _____

Telephone #: _____

Witness: _____

Date _____

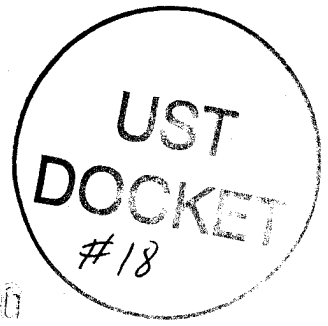
Terry Project: Former Li'l Cricket #339 – 2170E

D H E C

PROMOTE PROTECT PROSPER

C. Earl Hunter, Commissioner

Promoting and protecting the health of the public and the environment.



MR TERRY L LENMAN
LIL CRICKET CONVENIENCE STORES INC
PO BOX 4551
SPARTANBURG SC 29305-4551

OCT 13 2010

Re: Request for Assistance with Property Access
Former Li'l Cricket #339, 800 North West First Street, Seneca, SC
UST Permit # 07303; CA # 36773; MWA # UMW-23042
Release Reported April 27, 1989
Assessment Plan with Associated Cost Agreement received August 6, 2009
Tier II Assessment Report Directive dated July 13, 2010
Request for Assistance with Off-Site Access received October 8, 2010
Oconee County

Dear Mr. Lenman:

The Underground Storage Tank (UST) Management Division of the South Carolina Department of Health and Environmental Control (SCDHEC) recognizes your commitment to continue work at this site utilizing your own contractor, Terry Environmental Services, Incorporated (Terry). The UST Division has reviewed the letter by Terry detailing their efforts to obtain property access at the referenced and adjacent properties. The UST Management Division requests clarification on several items and provides the following suggestions in reference to property access:

800 North West First Street, Seneca, SC (Parcel #520-21-01-012)
The UST Division understands Lil Cricket removed four tanks in 2000, replaced them with two larger tanks in 2000, and then removed these two newer tanks in 2004. Did Lil' Cricket obtain or have any access agreement with the property owners at Lil Cricket 339 to conduct necessary environmental rehabilitation activities?

Wooded area north of the facility in Seneca, SC (Parcel #520-22-01-037)
Please provide a copy of the letter to Tony D. Grant, the property owner, with all attachments. The UST Division is willing to write a letter requesting access on behalf of Lil Cricket. The UST Division suggests personnel from Lil Cricket or Terry visit Mr. Grant in West Union, South Carolina. The State Underground Petroleum Environmental Response Bank (SUPERB) Account can reimburse for a personnel mobilization to coordinate property access.

Duke Power Substation west of the facility in Seneca, SC (Parcel #520-22-01-010 and 520-22-01-038)
Mr. Jerry Allen and Mr. Mark McGary of Duke Power indicated only OSHA trained and certified persons would be allowed unaccompanied access, or possibly entry would be provided if Duke Energy would provide an OSHA trained escort. Would Lil Cricket be willing to pay the salary for the Duke Power escorts or would staff from Terry Environmental complete the necessary OSHA training to work in a high voltage area? The SUPERB Account cannot reimburse costs for preparation of property access agreements, property access fees, or OSHA training.

On all correspondence regarding this site, please reference UST Permit number 07303. Should you have any questions regarding this correspondence, please feel free to contact me at (803) 896-6669, fax me at (803) 896-6245, or e-mail me at shradeaa@dhec.sc.gov.

Sincerely,

Arthur Shrader, Hydrogeologist
Assessment Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

cc: Terry Environmental Services, Inc., PO Box 25, Summerville, SC 29484
Technical file

D H E C

PROMOTE PROTECT PROSPER

C. Earl Hunter, Commissioner

Promoting and protecting the health of the public and the environment.

OCT 27 2010

UST DOCKET 194eh

MR TERRY L LENMAN
LIL CRICKET CONVENIENCE STORES INC
PO BOX 4551
SPARTANBURG SC 29305-4551

Re: Request for Assistance with Property Access
Former Li'l Cricket #339, 800 North West First Street, Seneca, SC
UST Permit # 07303; CA # 36773; MWA # UMW-23042
Release Reported April 27, 1989
Assessment Plan with Associated Cost Agreement received August 6, 2009
Tier II Assessment Report Directive dated July 13, 2010
Request for Assistance with Off-Site Access received October 8, 2010
SCDHEC Request for Additional Information dated October 13, 2010
Request for Assistance with Off-Site Access Response received October 21, 2010
Oconee County

Dear Mr. Lenman:

The Underground Storage Tank (UST) Management Division of the South Carolina Department of Health and Environmental Control (SCDHEC) recognizes your commitment to continue work at this site utilizing your own contractor, Terry Environmental Services, Incorporated (Terry). The UST Division has reviewed the letter by Terry detailing their efforts to obtain property access at the referenced and adjacent properties. The UST Management Division requests a copy of the letter sent to each property owner.

On all correspondence regarding this site, please reference UST Permit number 07303. Should you have any questions regarding this correspondence, please feel free to contact me at (803) 896-6669, fax me at (803) 896-6245, or e-mail me at shradeaa@dhec.sc.gov.

Sincerely,

Arthur Shrader, Hydrogeologist
Assessment Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

cc: Terry Environmental Services, Inc., PO Box 25, Summerville, SC 29484
Technical file

TERRY ENVIRONMENTAL SERVICES

...providing our Clients with the highest quality environmental services available, actually understanding our Clients' objectives, and making their objectives our own!

LETTER OF TRANSMITTAL – October 29, 2010			
To:	**Arthur Shrader**	**From:**	**Kelly Cone**
Address:	**2600 Bull Street**	**Address:**	**PO Box 25**
City:	**Columbia**	**City:**	**Summerville**
State, Zip:	**SC, 29201**	**State, Zip:**	**SC 29484**
Phone:	**803-896-6669**	**Phone:**	**843-873-8200**
Fax:	**803-896-6245**	**Fax:**	**843-873-8765**

☐ URGENT ☐ FOR REVIEW ☐ PLEASE COMMENT ☐ PLEASE REPLY ☐ PLEASE RECYCLE

THE CONTENTS OF THIS TRANSMISSION ARE PRIVILEGED AND CONFIDENTIAL. IN THE EVENT THAT YOU HAVE RECEIVED THIS TRANSMISSION IN ERROR, PLEASE CONTACT 1-800-325-0605 AND WE WILL RETRIEVE THEM AT NO COST TO YOU

NOTES/COMMENTS:

UST
NOV 0 1 2010
PROGRAM

RE: Former Li'l Cricket #339; Permit #07303; CA #36773

Dear Mr. Shrader:

Please find the enclosed requested copies of each letter or electronic mail sent to the property owners where off site access has been requested in reference to the directed assessment work at UST Permit # 07303. The last of three letters sent to Mr. Grant is included, however, all three letters were sent with our Response Letter dated October 15, 2010. Mr. Glenn was only sent one letter based on his initial response which was documented with a telephone conversation log in our October 6, 2010 Request for Assistance Letter. Duke Power was contacted via electronic mail based on our correspondence from the previous assessment activities.

Should you have any questions or comments, please feel free to contact us at your earliest convenience.

Sincerely,

K. Cone

Kelly K. Cone
Project Manager

UST
DOCKET

2705

TERRY Environmental Services
CLIENTS FIRST ALWAYS

September 13, 2010

Troy D. Grant
P.O. Box 70
West Union, SC 29696

Re: Former Li'l Cricket #339
800 West North First Street
Seneca, SC 29678
SCDHEC UST Permit #07303
THIRD ATTEMPT

Mr. Grant:

Terry Environmental Services (TERRY) is the acting environmental consultant for the Former Li'l Cricket #339 site which was located at 800 West North First Street, Seneca, South Carolina. The South Carolina Department of Health and Environmental Control (SCDHEC) Underground Storage Tank Program (UST) has directed TERRY to conduct an environmental assessment of the property located at 800 West North First Street (Former Li'l Cricket #339) and adjacent properties (to include a portion of your vacant wooded parcel located to the north of West North First Street) to further define the horizontal extent of the groundwater contamination. The cost for this assessment is paid in full by South Carolina's SUPERB Fund.

The assessment work consists of boring down to depths ranging from 50 to 55 feet to collect groundwater samples for analysis. The boring diameter is approximately 1 inch. If the samples are determined to be "clean," monitoring wells will be installed at depths ranging from 50 to 55 feet in the same locations and these wells will be sampled periodically (approximately every 3 months) to monitor the groundwater for contamination. The wells are 2 inches in diameter. The well covers are steel and due to the highly vegetated nature of the area 4 inch square, approximately 3 feet tall, standup covers will be installed. After SCDHEC determines "No Further Action" is required at the Former Li'l Cricket #339 site, any well(s) on your property will be removed.

To complete this scope of work, TERRY has to access your vacant wooded parcel located to the north of West North First Street. As directed by SCDHEC, TERRY will begin boring activities as soon as possible. During the boring event, we expect to be on your property approximately three to four business days. Although the work is being performed under the direction and authority of SCDHEC, we are asked to obtain your permission prior to commencing any site activities on your property. However, if we fail to hear from you in a timely manner the SCDHEC Project Manager will be contacted and the necessary actions will be taken by the state to gain access to your property.

We have included a "Right of Entry" form and request that you fill this form out and fax it to our office at 843-873-8765, or mail the form to TERRY Environmental Services, PO Box 25, Summerville, SC 29484. If we do not receive the requested form by **September 24, 2010** we will assume that you have received this third letter and are non-responsive. At which time the SCDHEC Project Manager will be contacted for assistance in moving forward with the off-site access agreement.

If you have any questions please contact me at 843-873-8200 and I will be happy to discuss the process. You may also contact the SCDHEC Project Manager Arthur Shrader at 803-896-6245.

Sincerely,

K K Cone

Kelly K. Cone
Project Manager

Jason A. Terry
President

= Approx. extent of proposed work area on parcel

520-22-01-037	GRANT TROY D	TRACTS 9 & 10 E A BROWN PO BOX 70	380	108,400 WEST UNION SC 29696	47.85

RIGHT OF ENTRY

I, _____ certify that I am the legal owner or the authorized representative for Troy D. Grant (owner) of the property described below. Permission is hereby granted to TERRY Environmental Services, Inc. (TERRY) and its agents to enter the referenced property for the following purposes:

Property Description: Vacant Wooded Parcel
Property as defined by Tax Parcel # 520-22-01-037
Location: North of West North First Street
Deed Book: -
Deed Page: -
Plat Book: -
Plat Page: -
Acres: 47.85

Performance of environmental assessment activities including groundwater boring, well installation, sampling, and/or testing as directed by the South Carolina Department of Health and Environmental Control (SCDHEC) Bureau of Underground Storage Tank Management.

TERRY will perform its work on the Property in a good and workmanlike manner, and will keep the Wells in good maintenance and repair while they are installed on the Property.

Once SCDHEC determines "No Further Action" is required at the Former Li'l Cricket #339 site, the monitoring well on your property will be removed. TERRY will complete the work within 60 days of written notice from SCDHEC and will restore the Property to the same condition as exists in the area immediately surrounding the well (i.e. asphalt, concrete, or turf).

Name: _____

Signature: _____

Telephone #: _____

Witness: _____

Date _____

Terry Project: Former Li'l Cricket #339 – 2170E

TERRY Environmental Services
CLIENTS FIRST ALWAYS

July 21, 2010

Thomas H. Glenn
809 West North First Street
Seneca, SC 29678

Re: Former Li'l Cricket #339
800 West North First Street
Seneca, SC 29678
SCDHEC UST Permit #07303

Mr. Glenn:

Terry Environmental Services (TERRY) is the acting environmental consultant for the Former Li'l Cricket #339 site which was located at 800 West North First Street, Seneca, South Carolina. The South Carolina Department of Health and Environmental Control (SCDHEC) Underground Storage Tank Program (UST) has directed TERRY to conduct an environmental assessment of the property located at 800 West North First Street (Former Li'l Cricket #339) and adjacent properties (to include a portion of your commercial property located on West North First Street and identified as the Old Sunnybright Building) to further define the horizontal extent of the groundwater contamination. The cost for this assessment is paid in full by South Carolina's SUPERB Fund.

The assessment work consists of boring down to depths ranging from 50 to 55 feet to collect groundwater samples for analysis. The boring diameter is approximately 1 inch. If the samples are determined to be "clean," monitoring wells will be installed at depths ranging from 50 to 55 feet in the same locations and these wells will be sampled periodically (approximately every 3 months) to monitor the groundwater for contamination. The wells are 2 inches in diameter. The well covers are steel, flush with the ground, and hardly noticeable. After SCDHEC determines "No Further Action" is required at the Former Li'l Cricket #339 site, any well(s) on your property will be removed.

To complete this scope of work, TERRY has to access your commercial property located on West North First Street and identified as the Old Sunnybright Building. As directed by SCDHEC, TERRY will begin boring activities as soon as possible. During the boring event, we expect to be on your property approximately two to three business days. Although the work is being performed under the direction and authority of SCDHEC, we are asked to obtain your permission prior to commencing any site activities on your property. However, if we fail to hear from you in a timely manner the SCDHEC Project Manager will be contacted and the necessary actions will be taken by the state to gain access to your property.

We have included a "Right of Entry" form and request that you fill this form out and fax it to our office at 843-873-8765, or mail the form to TERRY Environmental Services, PO Box 25, Summerville, SC 29484. If we do not receive the requested form by **July 30, 2010** we will assume that you have received this letter and are non-responsive. At which time a second letter will be mailed and the SCDHEC Project Manager will be contacted for assistance in moving forward with the off-site access agreement.

If you have any questions please contact me at 843-873-8200 and I will be happy to discuss the process. You may also contact the SCDHEC Project Manager Arthur Shrader at 803-896-6245.

Sincerely,

K K Cone

Kelly K. Cone
Project Manager

Jason A. Terry
President

520-21-01-012
520-22-01-037
520-21-01-038
520-21-01-010
520-22-01-030
520-22-01-033
520-21-02-005
W-North-431-St
520-22-01-031
520-21-02-010
520-21-02-012
520-21-02-006
Former Lil' Cricket
520-22-01-031
520-22-01-029
223-00-04-019
0.0080040 0.008 Miles
N-Perkins-Creek-Rd
520-24-02-004

520-21-01-012	GLENN THOMAS H & DOROTHY M JOINT SURVIVOR	OLD SUNNYBRIGHT BUILDIN 809 WEST N 1ST ST	4,080	6,000	68,000	99,990	1.24	
				SENECA SC 29678				

RIGHT OF ENTRY

I, _____ certify that I am the legal owner or the authorized representative for Thomas H. & Dorothy M. Glenn (owner) of the property described below. Permission is hereby granted to TERRY Environmental Services, Inc. (TERRY) and its agents to enter the referenced property for the following purposes:

Property Description: Commercial (Old Sunnybright Building)
Property as defined by Tax Parcel # 520-21-01-012
Location: West North First Street
Deed Book: -
Deed Page: -
Plat Book: -
Plat Page: -
Acres: 1.24

Performance of environmental assessment activities including groundwater boring, well installation, sampling, and/or testing as directed by the South Carolina Department of Health and Environmental Control (SCDHEC) Bureau of Underground Storage Tank Management.

TERRY will perform its work on the Property in a good and workmanlike manner, and will keep the Wells in good maintenance and repair while they are installed on the Property.

Once SCDHEC determines "No Further Action" is required at the Former Li'l Cricket #339 site, the monitoring well on your property will be removed. TERRY will complete the work within 60 days of written notice from SCDHEC and will restore the Property to the same condition as exists in the area immediately surrounding the well (i.e. asphalt, concrete, or turf).

Name: _____

Signature: _____

Telephone #: _____

Witness: _____

Date _____

Terry Project: Former Li'l Cricket #339 – 2170E

Kelly Cone

From: Kelly Cone [kcone@terryenvironmental.com]
Sent: Monday, July 26, 2010 12:11 PM
To: 'Jerry.Allen@duke-energy.com'
Subject: FW: Follow up on Request for Access - Seneca Tie Station
Attachments: Oconee County GIS - Duke Prop..pdf

Mr. Allen,

We corresponded briefly back in June of last year regarding the Seneca Tie Station located on West North First Street (see below). I am following up to clarify on one point. We have recently received a directive from SC DHEC requesting that we further delineate the contaminant plume associated with the Former Li'l Cricket #339 site. I realize based on our last contact that Duke will not allow access to the substation itself. However, would it be possible for us to access the area that I have indicated on the attached Oconee County GIS map? If my memory is correct this area is located outside of the fence line. We are currently in the process of contacting Parcel #520-22-01-037 for an access agreement as well. If approved we could access the wooded portion of the Duke parcel from that adjacent parcel and we would not interfere with the substation itself. Please let me know if this is something Duke would consider. I would appreciate any help in this matter. Thanks, Kelly

Kelly K. Cone, P.G.
Vice President, Assessment Services

Terry Environmental Services, Inc.
P.O. Box 25
Summerville, SC 29484

843-873-8200 phone
843-873-8765 fax

kcone@terryenvironmental.com

"CONFIDENTIAL COMMUNICATION: The information contained in this message may contain legally privileged and confidential information intended only for the use of the individual or entity named above. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution or duplication of this transmission is strictly prohibited. If you have received this communication in error, please notify us by telephone or email immediately and return the original message to us or destroy all printed and electronic copies. Nothing in this transmission is intended to be an electronic signature nor to constitute an agreement of any kind under applicable law unless otherwise expressly indicated. Intentional interception or dissemination of electronic mail not belonging to you may violate federal or state law."

From: Allen, Jerry W [mailto:Jerry.Allen@duke-energy.com]
Sent: Wednesday, June 10, 2009 2:22 PM
To: Kelly Cone
Subject: RE: Follow up on Request for Access - Seneca Tie Station

Duke Energy does not grant access to our electrical substations due to OSHA requirements calling for only trained electrical workers inside such substations. To allow access would require Duke Energy to provide trained escorts at any time that technicians are in the station to drill or monitor any test sites that may be located inside our fence.

Jerry W. Allen, P.E.
Manager Substation O&M

D H E C

PROMOTE PROTECT PROSPER

C. Earl Hunter, Commissioner

Promoting and protecting the health of the public and the environment.

2 Leah
UST
DOCKET

MR TROY D GRANT
PO BOX 70
WEST UNION SC 29696-0070

NOV 01 2010

Re: Request for Property Right of Entry
Former Lil' Cricket #339, 800 West North First Street, Seneca, SC
UST Permit # 07303
Access to Property at 800 West North Street and Adjacent Wooded Parcel to the North in Seneca, SC
Tax ID # 540-22-01-034 and 520-22-01-037
Oconee County

Dear Mr. Grant:

The Underground Storage Tank (UST) Division of the South Carolina Department of Health and Environmental Control has directed Lil' Cricket Food Store as the party responsible for the release at the Former Lil' Cricket #339, to perform work to assess a reported petroleum release. Terry Environmental Services, Incorporated (Terry) is currently conducting the environmental assessment for Lil' Cricket Food Store. Terry requires access to your property in order to install temporary screening points and monitoring wells if necessary, to fully assess the effects of the petroleum release. Enclosed is a letter from Terry requesting property access dated September 13, 2010. The locations of the proposed screening points and monitoring well locations can be adjusted to meet your approval. Terry will immediately repair any damage to your property created by the installation or abandonment of the screening points or monitoring wells with no cost to you.

The monitoring wells will be constructed in accordance with the South Carolina Well Standards and Regulations. They will be completed at grade and will be completed at the surface with a small diameter manhole cover and 2 foot by 2 foot concrete pad. The wellhead completion will not interfere with normal usage of your property. The temporary screening points will be installed by a Geoprobe™ drill and will be used to sample soil and groundwater. They will be properly abandoned upon completion, and no permanent effects will remain on your property.

Please sign the enclosed right of entry form and return it to Terry within fifteen days of the date of this letter. If you have any questions, please contact me at (803) 896-6669. Technical questions about well installation should be addressed to Ms. Kelly K. Cone at Terry at (843) 873-8200. Thank you for your consideration regarding this matter.

Sincerely,

Arthur Shrader, Hydrogeologist
Assessment Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

enc: Terry Letter Request for Property Access Letter dated September 13, 2010

cc: Mr. Lenman, Lil' Cricket, PO Box 4551, Spartanburg, SC 29305 (without enc.)
Terry Environmental Services, Inc., PO Box 25, Summerville, SC 29484 (without enc.)
Technical File (with enc.)

2170E

TERRY Environmental Services
CLIENTS FIRST ALWAYS

September 13, 2010

Troy D. Grant
P.O. Box 70
West Union, SC 29696

Re: Former Li'l Cricket #339
800 West North First Street
Seneca, SC 29678
SCDHEC UST Permit #07303
THIRD ATTEMPT

Mr. Grant:

Terry Environmental Services (TERRY) is the acting environmental consultant for the Former Li'l Cricket #339 site which was located at 800 West North First Street, Seneca, South Carolina. The South Carolina Department of Health and Environmental Control (SCDHEC) Underground Storage Tank Program (UST) has directed TERRY to conduct an environmental assessment of the property located at 800 West North First Street (Former Li'l Cricket #339) and adjacent properties (to include a portion of your vacant wooded parcel located to the north of West North First Street) to further define the horizontal extent of the groundwater contamination. The cost for this assessment is paid in full by South Carolina's SUPERB Fund.

The assessment work consists of boring down to depths ranging from 50 to 55 feet to collect groundwater samples for analysis. The boring diameter is approximately 1 inch. If the samples are determined to be "clean," monitoring wells will be installed at depths ranging from 50 to 55 feet in the same locations and these wells will be sampled periodically (approximately every 3 months) to monitor the groundwater for contamination. The wells are 2 inches in diameter. The well covers are steel and due to the highly vegetated nature of the area 4 inch square, approximately 3 feet tall, standup covers will be installed. After SCDHEC determines "No Further Action" is required at the Former Li'l Cricket #339 site, any well(s) on your property will be removed.

To complete this scope of work, TERRY has to access your vacant wooded parcel located to the north of West North First Street. As directed by SCDHEC, TERRY will begin boring activities as soon as possible. During the boring event, we expect to be on your property approximately three to four business days. Although the work is being performed under the direction and authority of SCDHEC, we are asked to obtain your permission prior to commencing any site activities on your property. However, if we fail to hear from you in a timely manner the SCDHEC Project Manager will be contacted and the necessary actions will be taken by the state to gain access to your property.

We have included a "Right of Entry" form and request that you fill this form out and fax it to our office at 843-873-8765, or mail the form to TERRY Environmental Services, PO Box 25, Summerville, SC 29484. If we do not receive the requested form by **September 24, 2010** we will assume that you have received this third letter and are non-responsive. At which time the SCDHEC Project Manager will be contacted for assistance in moving forward with the off-site access agreement.

If you have any questions please contact me at 843-873-8200 and I will be happy to discuss the process. You may also contact the SCDHEC Project Manager Arthur Shrader at 803-896-6245.

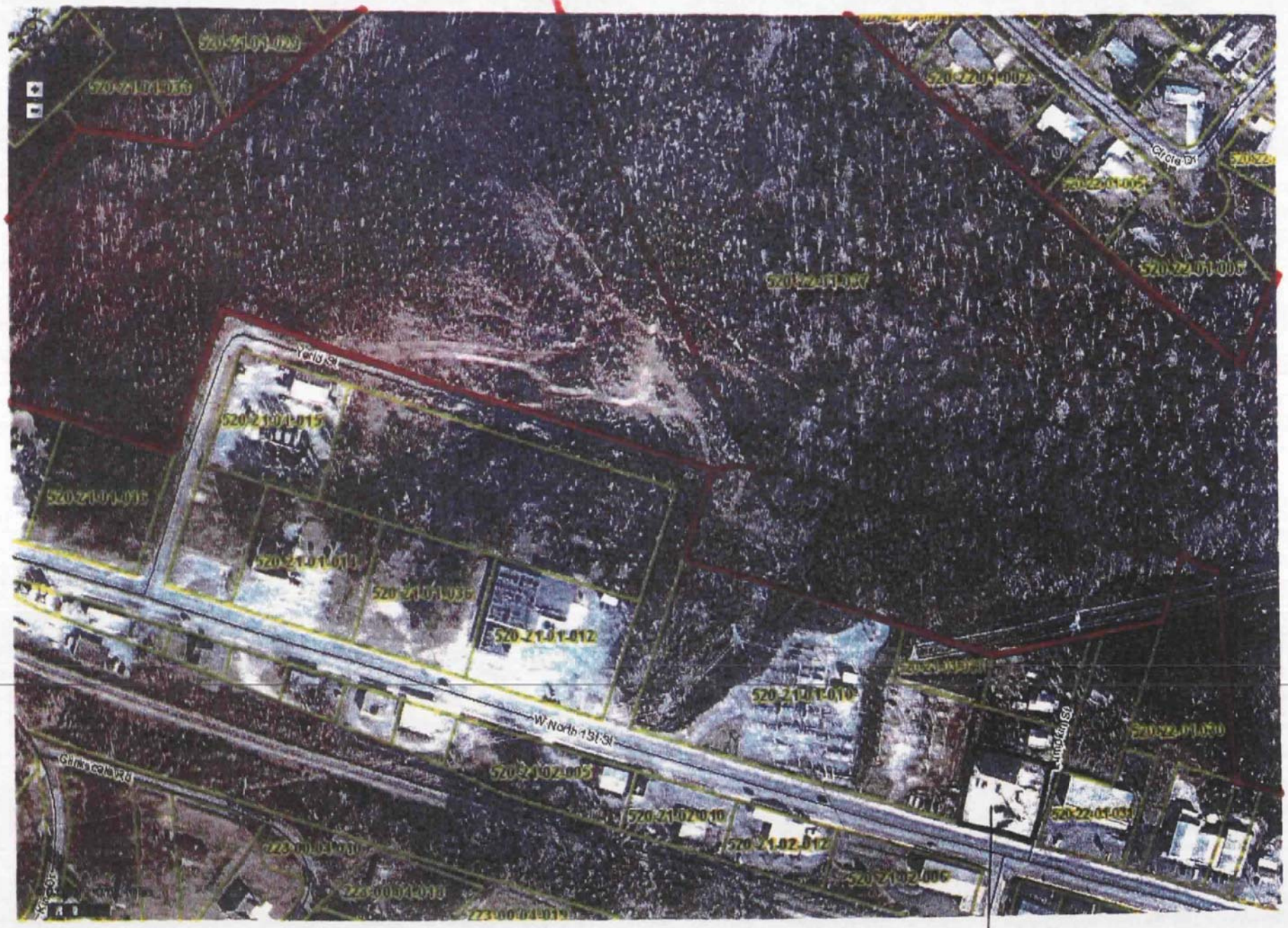
Sincerely,

K K Cone

Kelly K. Cone
Project Manager

Jason A. Terry
President

= Approx. extent of proposed work area on parcel



520-22-01-037	GRANT TROY D	TRACTS 9 & 10 E A BROWN PO BOX 70	380	108,400 WEST UNION SC 29696	47.85

RIGHT OF ENTRY

I, _____ certify that I am the legal owner or the authorized representative for Troy D. Grant (owner) of the property described below. Permission is hereby granted to TERRY Environmental Services, Inc. (TERRY) and its agents to enter the referenced property for the following purposes:

Property Description: Vacant Wooded Parcel
Property as defined by Tax Parcel # 520-22-01-037
Location: North of West North First Street
Deed Book: -
Deed Page: -
Plat Book: -
Plat Page: -
Acres: 47.85

Performance of environmental assessment activities including groundwater boring, well installation, sampling, and/or testing as directed by the South Carolina Department of Health and Environmental Control (SCDHEC) Bureau of Underground Storage Tank Management.

TERRY will perform its work on the Property in a good and workmanlike manner, and will keep the Wells in good maintenance and repair while they are installed on the Property.

Once SCDHEC determines "No Further Action" is required at the Former Li'l Cricket #339 site, the monitoring well on your property will be removed. TERRY will complete the work within 60 days of written notice from SCDHEC and will restore the Property to the same condition as exists in the area immediately surrounding the well (i.e. asphalt, concrete, or turf).

Name: _____

Signature: _____

Telephone #: _____

Witness: _____

Date _____

Terry Project: Former Li'l Cricket #339 – 2170E

Art A. Shrader - RE: FW: Follow up on Seneca Tie Station Access - Terry Environmental (Permit #07303)

From: "Kelly Cone" <kcone@terryenvironmental.com>
To: "'Art A. Shrader'" <Shradeaa@dhec.sc.gov>
Date: 11/19/2010 10:13 AM
Subject: RE: FW: Follow up on Seneca Tie Station Access - Terry Environmental (Permit #07303)

Art,
I will keep you posted. - Kelly

From: Art A. Shrader [mailto:Shradeaa@dhec.sc.gov]
Sent: Friday, November 19, 2010 8:55 AM
To: Kelly Cone
Subject: Re: FW: Follow up on Seneca Tie Station Access - Terry Environmental (Permit #07303)

Kelly,

OK. As long as the plume is defined.

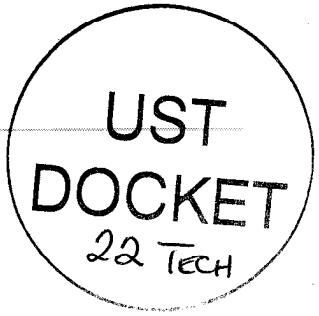
Art

>>> "Kelly Cone" <kcone@terryenvironmental.com> 11/19/2010 8:53 AM >>>
Art,
The meeting with Duke last week went well and they are in agreement with the well and boring locations that we discussed and proposed while on site. We had to reduce the number of borings and wells and but I feel like we will still have good coverage. Attached is the Duke - Proposal Map which only identifies the wells/borings that they have agreed to on their property (in light blue). A second Final - Proposal Map is also attached showing two additional borings and a well on the adjacent residential property (in purple) where we already have an access agreement. Please review the information and get back to me with any questions or concerns. We are prepared to move forward with probing activities as soon as we can get things scheduled. Thanks, Kelly

From: Bishop, Danny L [mailto:Danny.Bishop@duke-energy.com]
Sent: Thursday, November 18, 2010 1:45 PM
To: KCONE@TERRYENVIRONMENTAL.COM; Kimsey, Fred E; Moore, Randy; Anderson, Leonard B; Lister, Kenneth C; Hancock, Lee M
Subject: FW: Follow up on Seneca Tie Station Access - Terry Environmental

Kelly, it will be ok to drill the wells at the locations shown on the attached map.
We would request that a Duke person be present during the drilling process, before drilling could you have the crew contact Ken Lister at (864) 260-6057,
Cell #- (864) 940-5771, so he can have a service tech present.
If you have any questions, give me a call
Thanks Danny

From: Raines, David H Jr
Sent: Monday, November 15, 2010 6:51 AM
To: Bishop, Danny L
Subject: FW: Follow up on Seneca Tie Station Access - Terry Environmental



From: Kelly Cone [mailto:kcone@terryenvironmental.com]
Sent: Friday, November 12, 2010 12:23 PM
To: Raines, David H Jr
Cc: Allen, Jerry W
Subject: Follow up on Seneca Tie Station Access - Terry Environmental

David,

Thanks for taking the time to meet Randy on site in Seneca yesterday to discuss the proposed assessment activities that will require a Right to Enter Agreement. It sounds like the meeting went well and our proposed locations outside of the fenced substation are agreeable to Duke from a safety standpoint. I have attached a copy of the proposal map per your request. We are hoping to be able to gain access as soon as possible. Please let me know what the next step is to proceed. Thanks and look forward to hearing from you. - Kelly

Kelly K. Cone, P.G.
Vice President, Assessment Services

Terry Environmental Services, Inc.
P.O. Box 25
Summerville, SC 29484

843-873-8200 phone
843-873-8765 fax

kcone@terryenvironmental.com

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TIER II ADDENDUM REPORT

FORMER LI'L CRICKET #339
800 WEST NORTH FIRST STREET
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
CA #36773

Prepared For:

SCDHEC UNDERGROUND STORAGE TANK PROGRAM
2600 BULL ST.
COLUMBIA, SC 29201

Submitted By:

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. BOX 25
SUMMERVILLE, SOUTH CAROLINA 29484
(843) 873-8200
Fax (843) 873-8765
www.terryenvironmental.com

UST CONTRACTOR #223
TERRY PROJECT #2170E

Kelly K. Cone
Project Manager

Jason A. Terry, P.G.
President

APRIL 2011

JASON A. TERRY
REGISTERED
NO. 2171
SOUTH CAROLINA
PROFESSIONAL GEOLOGIST

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1.0 EXECUTIVE SUMMARY

TERRY Environmental Services, Inc. (TERRY) has been contracted by Li'l Cricket Food Stores to serve as the environmental contractor for the Former Li'l Cricket #339 Site, South Carolina Department of Health and Environmental Control (SCDHEC) UST Permit #07303. The site is located at 800 West North First Street, Seneca, South Carolina (Appendix 1, Figure 1). The site is bordered to the north by residential property, to the east by commercial property, to the south by West North First Street, and to the west by a Duke Power substation. Further to the south across West North First Street are commercial properties. A detailed site map originating from a comprehensive survey completed by Jay S. Joshi (SC Registered Land Surveyor #14811) of Construction Support Services, Inc. on October 8, 2008 is provided in Appendix 1 as Figure 2.

The purpose of this assessment was to further horizontally delineate the chemicals of concern (CoC) associated with the product release at the Former Li'l Cricket #339 Site and to monitor the concentration and migration of the contaminant plume. The report presented herein documents an AFVR Event on monitoring well MW-10, the installation of ten (10) Geoprobe™ groundwater borings and five (5) shallow monitoring wells, the subsequent survey, and a comprehensive groundwater sampling event.

The analytical results indicate that groundwater contamination is present on-site and migrates in the direction of groundwater flow to the north-northeast. During this assessment, the contaminant plume was defined horizontally to the west (MW-39, MW-40, and MW-42) and to the northeast (MW-43). Further assessment is needed to the north-northwest of MW-41 to fully define the horizontal boundary of the contaminant plume. However, due to the steep decline and the rugged, wooded terrain, additional well installations if possible would require an alternative access location and extensive clearing of the wooded area located to the north of MW-41.

As such, TERRY plans to pursue the alternative access location in order to install the additional boring and monitoring well locations required to define the contaminant plume under the existing cost agreement #36773. A follow up Tier II Addendum Report will be submitted under separate cover to detail the assessment results.

2.0 SITE SPECIFIC ASSESSMENT INFORMATION

2.1 Aggressive Fluid Vapor Recovery Event

On January 14, 2011 TERRY Exploration Services, LLC performed an eight-hour Aggressive Fluid Vapor Recovery (AFVR) event on monitoring well MW-10. Prior to initiating the vacuum recovery event, free-phase product was measured at a thickness of 0.87 feet in MW-10. The initial depth to groundwater reading was measured at 42.07 feet and depth to product was measured at 41.20 feet. The depths were measured from the top of the well casing (TOC). Ambient air temperature during this event was 30°F and sunny.

A one inch diameter PVC drop tube was placed in the recovery well to a depth of approximately 6 inches below the measured water table. The stinger pipe was then sealed to the monitoring well casing at the surface and connected to the tanker truck. Vacuum readings at the well head averaged 16.3 inches of mercury (Hg) throughout the event. Measurements of the vapor emissions exiting the stack of the vacuum truck were taken at thirty minute intervals throughout the event. These measurements include vacuum, temperature, velocity, humidity, and volatile organic compound concentrations in parts per million. Off-gas treatment was provided during the event as directed by the SCDHEC Project Manager.

Upon completion of the AFVR event, MW-10 was gauged and no free-phase product was detected. The final depth to groundwater reading from the TOC was 42.65 feet in MW-10. A total of 350 gallons of liquid were recovered during the event. In addition, 6.51 pounds of gasoline vapors (approximate equivalent of 1.04 gallons of gasoline) were recovered as emissions during the course of the AFVR event. The effluent vapors were processed on-site through a vapor phase granular activated carbon (GAC) unit before being released into the atmosphere.

Water table drawdown and influence vacuum were measured in MW-13, MW-15, MW-16, and MW-20 over the course of the AFVR event. The maximum observed water table drawdown was measured in MW-16 at 0.07 feet. No measurable vacuum influence was observed during the eight-hour AFVR event. The groundwater drawdown measurements and distance from the recovery well MW-10 were analyzed using a linear regression to determine that the estimated radius of groundwater influence (cone of depression) created during this event was 51 feet. Based on no measurable vacuum readings during the eight-hour AFVR event, the approximate radius of vacuum influence is assumed to be less than 33 feet.

All data associated with the AFVR event including Emission Calculations and the Disposal Manifest are provided in Appendix 3. An AFVR Event Map indicating the recovery well and the wells used to monitor the effectiveness of the AFVR Event is provided in Appendix 1 as Figure 3.

2.2 Horizontal & Vertical Plume Delineation

On December 10, 2010 eight (8) shallow groundwater Geoprobe™ borings totaling 171 feet were performed using direct-push Geoprobe™ machinery (GP-1 through GP-8). A groundwater sample was taken from six (6) of the groundwater borings at the probe's terminal depth, field screened for contaminants, and sent for confirmation laboratory analyses. Two (2) of the borings (GP-4 and GP-5) met refusal prior to the target depth and were dry; therefore, no sample could be collected.

Due to access issues in the field, two (2) additional shallow groundwater borings were postponed and subsequently installed in March 2011. On March 23, 2011 two (2) Geoprobe™ borings totaling 96 feet were performed using direct-push Geoprobe™ machinery (GP-9 and GP-10). A groundwater sample was taken from each of the groundwater borings at the probe's terminal depth and field screened for contaminants. These borings were then over drilled and converted to permanent groundwater monitoring wells.

A Groundwater Field Delineation Map indicating field screening locations and associated field screening and/or groundwater analytical results is provided in Appendix 1 as Figure 4. Groundwater Field Delineation Analytical Data are provided in Appendix 2 on Table 1 and in Appendix 4. Soil Boring Logs are provided in Appendix 5.

2.3 Well Installation & Subsequent Survey

On February 24, 2011 and March 23, 2011 five (5) shallow monitoring wells were installed and developed by Geologic Exploration. All well installations were performed in accordance with the S.C. Well Standards and Regulations. Well Construction Logs are provided in Appendix 6.

During well installation, soil samples were collected from each new well at a minimum of five (5) foot intervals to the water table and field screened with a PID. The soil sample from each boring that exhibited the highest concentration above the water table during the field screen was submitted to the laboratory for analysis. If the level of contamination for all depths were equal, the deepest sample collected above the water table was submitted for analysis. The Soil Analytical Data are provided in Appendix 1 on Figure 5, in Appendix 2 on Table 2, and in Appendix 7. A Geologic Transects Map is provided in Appendix 1 as Figure 6 and the associated Geologic Cross Sections (A-A' and B-B') are provided in Appendix 1 as Figures 7A and 7B, respectively.

2.4 Sampling Event & Piezometric Data

TERRY sampled the site on February 24, February 25, and March 24, 2011. The samples were submitted to Access Analytical, Inc. (SCDHEC certified laboratory #73006) for analyses. Just prior to the sampling event, monitoring wells were gauged with an oil/water interface probe to determine depth to groundwater measurements and the presence or absence of free-phase petroleum. Free-phase product was measured at a thickness of 0.02 feet

in MW-10, 0.05 feet in MW-19, and 0.07 feet in MW-20. A groundwater sample was collected beneath the product measured in MW-10 per SCDHEC request.

Depth to groundwater measurements were taken with reference to the top of well casing (TOC) and converted to elevations by subtracting the depth to groundwater measurements from the TOC elevations. Piezometric data are provided in Appendix 2 as Table 3 and on the Groundwater Sampling Logs provided in Appendix 8. Piezometric contours were created using the piezometric data and linear interpolation between known groundwater elevations. The resulting Groundwater Contour Map is included in Appendix 1 as Figure 8. Based on the February 2011 piezometric data, groundwater flow is to the north-northeast.

2.5 Groundwater Analytical Results

The Groundwater analytical data are provided in Appendix 2 as Table 4 and also in Appendix 9. The analytical data were used to generate contaminant concentration maps for COC's detected by the laboratory and the maps are provided in Appendix 1 as Figures 9A and 9B.

The analytical results indicate that the groundwater contamination is migrating in the general direction of groundwater flow toward the adjacent properties located to the north. Based on the laboratory analytical results from the sampling event, the contaminated soil cuttings, well development, and well purge water were properly disposed of by JBR Environmental Services on April 1, 2011. The Disposal Manifest is included in Appendix 10.

3.0 CONCLUSIONS

The following conclusions can be made based on the available data:

- COC impacted groundwater is present outside the source zone and the migration of the CoC's is in the general direction of groundwater flow toward the adjacent properties located to the north.
- Free-phase product was measured at a thickness of 0.02 feet in MW-10, 0.05 feet in MW-19, and 0.07 feet in MW-20.
- During this assessment, the contaminant plume was defined horizontally to the west (MW-39, MW-40, and MW-42) and to the northeast (MW-43).
- Further assessment is needed to the north-northwest of MW-41 to fully define the horizontal boundary of the contaminant plume. However, due to the steep decline and the rugged, wooded terrain, additional well installations if possible would require an alternative access location and extensive clearing of the wooded area located to the north of MW-41.

TERRY plans to pursue the alternative access location in order to install the additional boring and monitoring well locations required to define the contaminant plume under the existing cost agreement #36773. A follow up Tier II Addendum Report will be submitted under separate cover to detail the assessment results.

APPENDIX 1

Figures

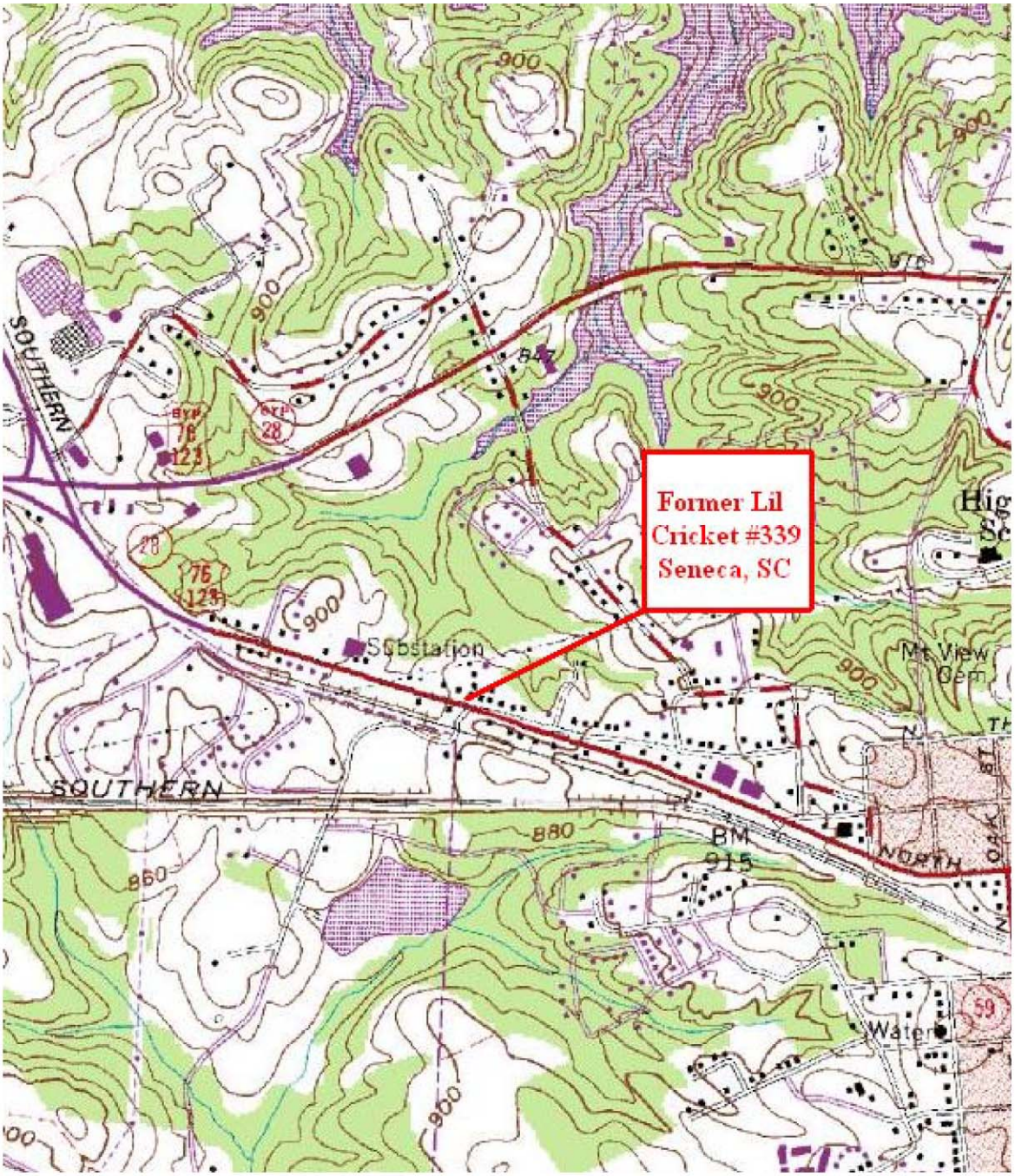


FIGURE 1
SITE LOCATION (USGS)

Former Li'l Cricket #339
800 West North First Street
Seneca, South Carolina

TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

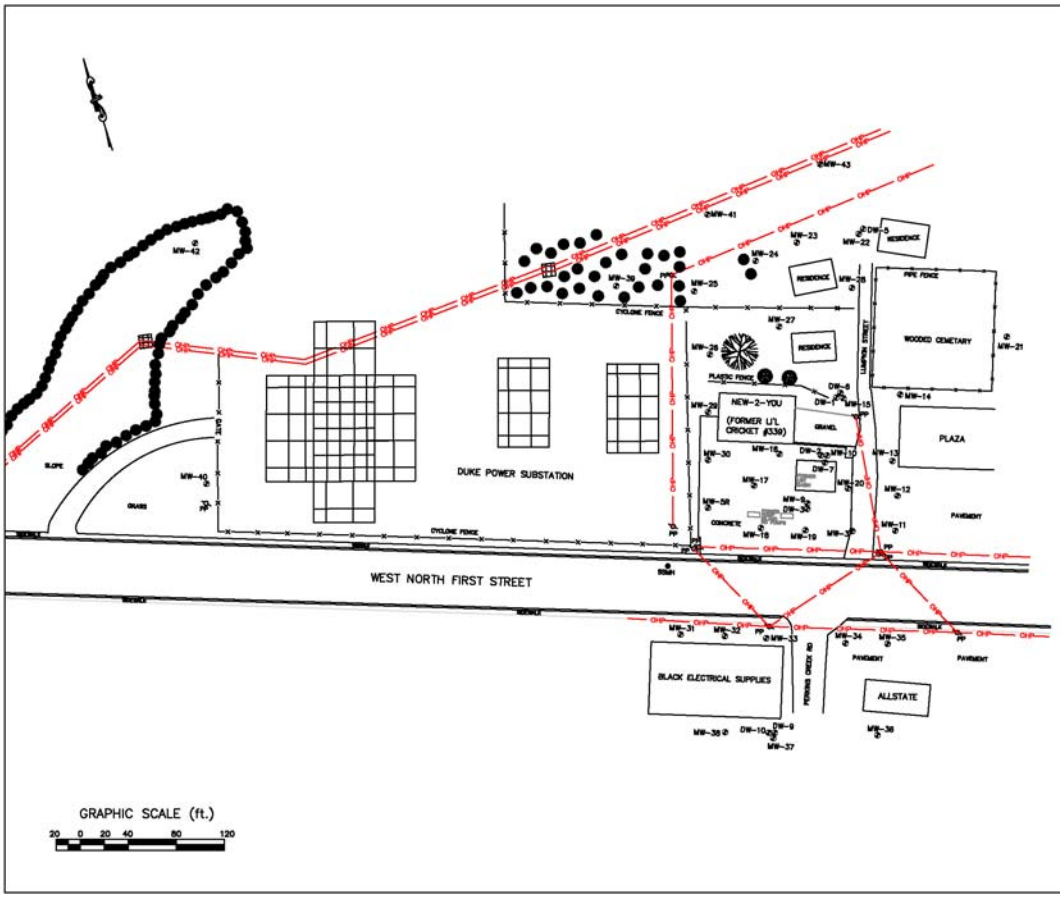
... providing our clients with the best services available, actually understanding our clients objectives, and making their obectives our own!

PO Box 25
Summerville, South Carolina 29484
(800) 325-0605 (843)-873-8200 fax: (843)-873-8765

SIZE	TERRY Project No.	DWG NO.	REV
B	2170E	Figure 1 Site Location	

SCALE: NOT TO SCALE

DATE: APRIL 2011

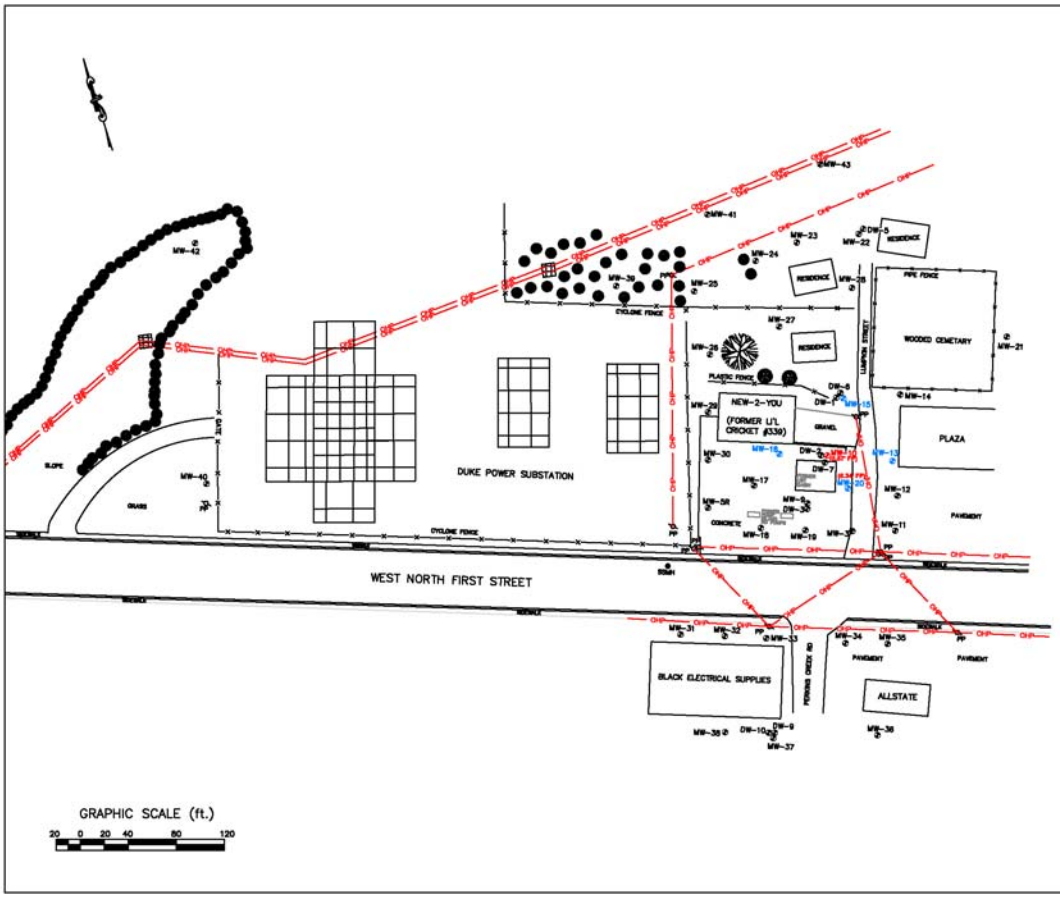


TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

FIGURE 2
SITE MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170E	07303
SCALE 1" = 80'	DATE APRIL 2011



LEGEND AND ABBREVIATIONS:

- MW = MONITORING WELL
- SSMH = SANITARY SEWER MAN HOLE
- PP = POWER POLE
- UST = UNDERGROUND STORAGE TANK
- X = FENCE
- OHP = OVERHEAD POWER LINE
- = RECOVERY WELL
- = INFLUENCE WELLS MONITORED DURING THE AFVR EVENT
- FP = FREE PRODUCT MEASURED PRIOR TO AFVR EVENT

AFVR EVENT PERFORMED ON JANUARY 14, 2011.

TERRY ENVIRONMENTAL SERVICES
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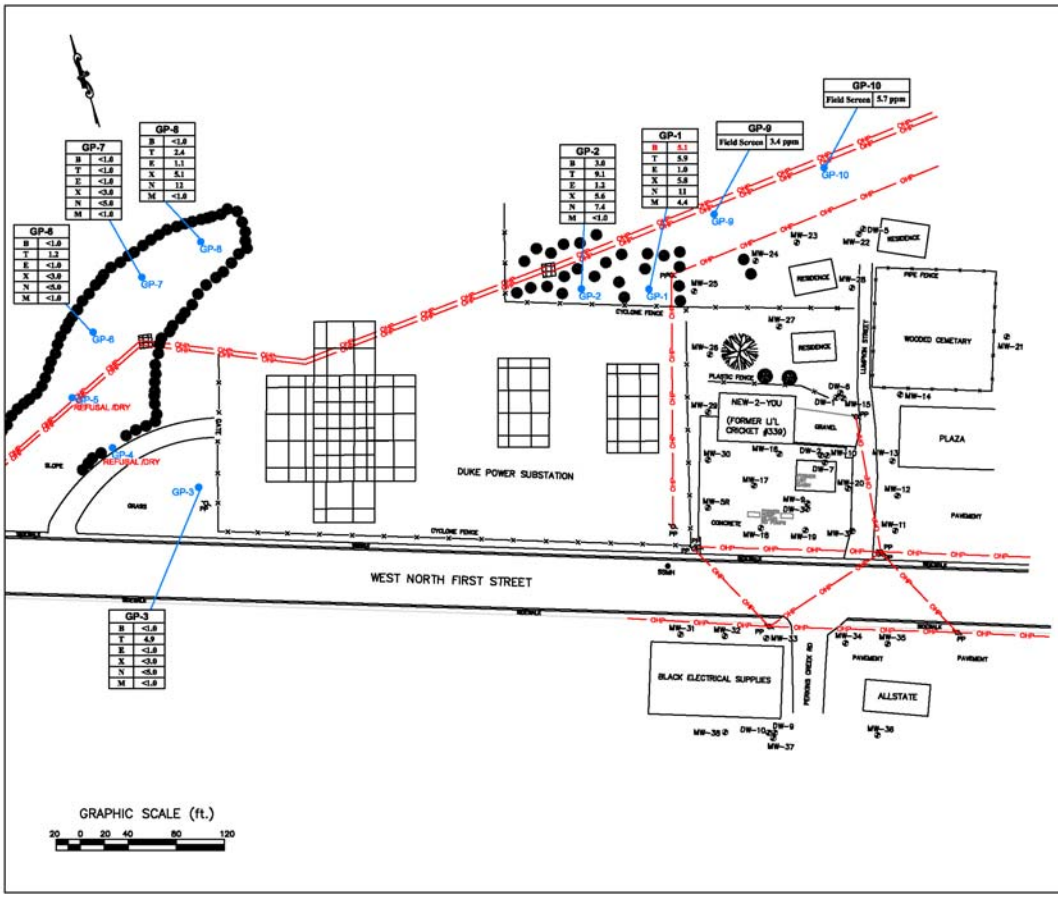
FIGURE 3
AFVR EVENT MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170E	07303
SCALE 1" = 80'	DATE APRIL 2011



LEGEND AND ABBREVIATIONS:

- MW = MONITORING WELL
- SSMH = SANITARY SEWER MAN HOLE
- PP = POWER POLE
- UST = UNDERGROUND STORAGE TANK
- —X— = FENCE
- —OHP— = OVERHEAD POWER LINE

B = BENZENE
T = TOLUENE
E = ETHYLBENZENE
X = XYLENES
N = NAPHTHALENE
M = METHYL tert-BUTYL ETHER

ALL CONCENTRATIONS ARE IN ug/L

RED INDICATES CONTAMINANTS ARE ABOVE RBSL's

GP-1 THRU GP-8 COLLECTED ON DECEMBER 10, 2010.

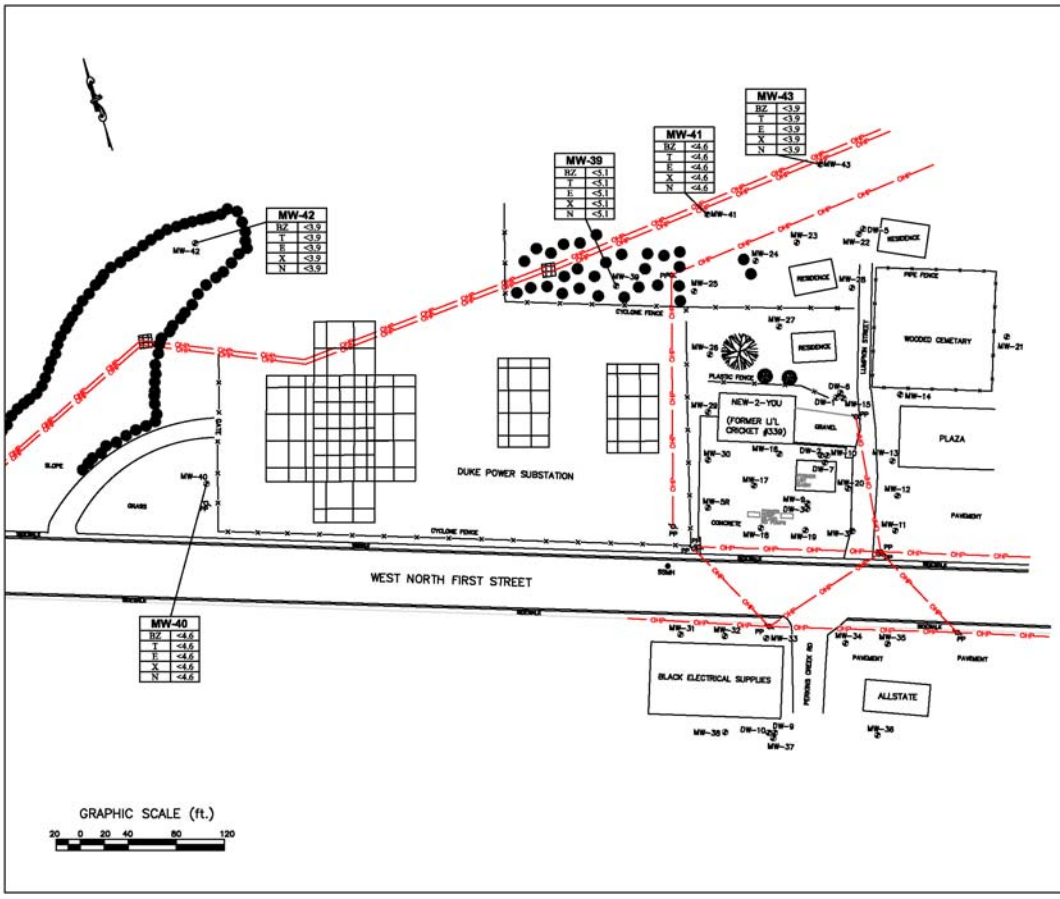
GP-9 & GP-10 COLLECTED ON MARCH 23, 2011.

TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

FIGURE 4
GROUNDWATER FIELD DELINEATION MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170E	07303
SCALE 1" = 80'	DATE APRIL 2011



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- SSMH = SANITARY SEWER MAN HOLE
- PP = POWER POLE
- UST = UNDERGROUND STORAGE TANK
- —X— = FENCE
- —OHP— = OVERHEAD POWER LINE

BZ = BENZENE
T = TOLUENE
E = ETHYLBENZENE
X = XYLENES
N = NAPHTHALENE

ALL UNITS ARE IN UG/KG

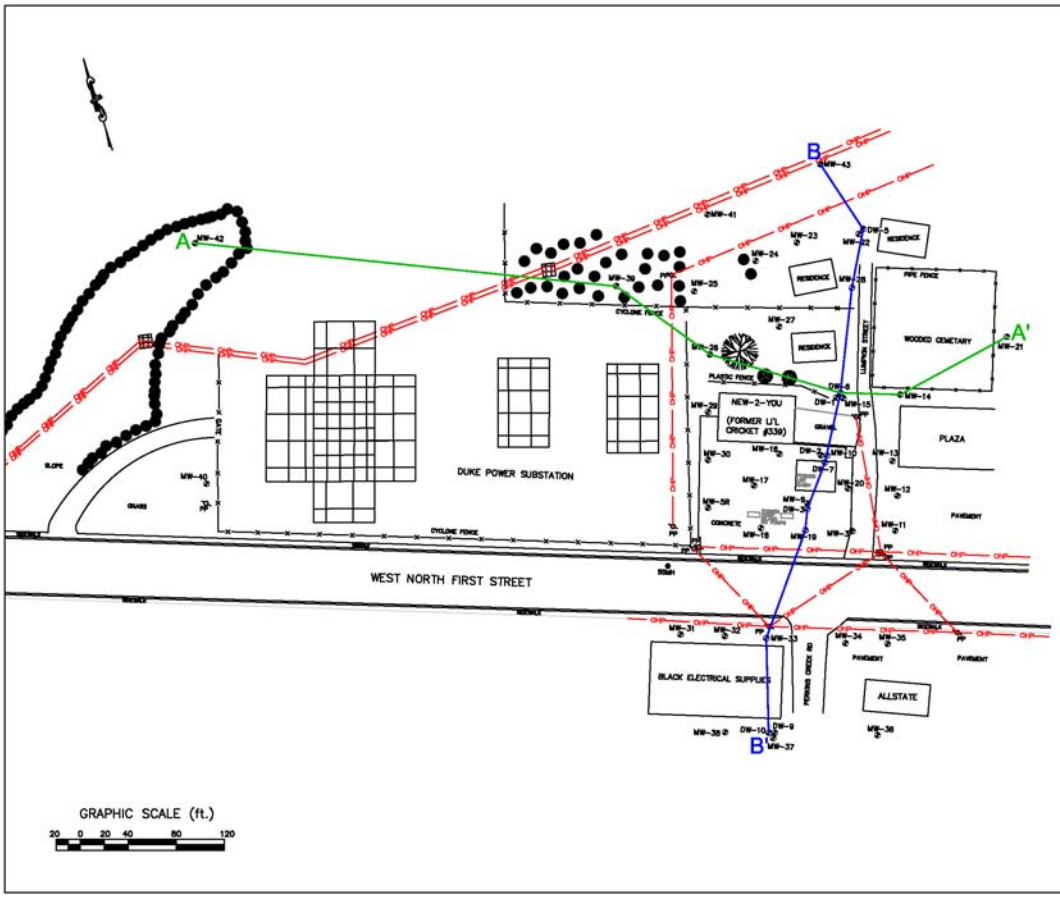
SAMPLES COLLECTED ON FEBRUARY 24 & MARCH 23, 2011.

TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

FIGURE 5
SOIL ANALYTICAL MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170E	07303
SCALE 1" = 80'	DATE APRIL 2011



LEGEND AND ABBREVIATIONS:

- MW = MONITORING WELL
- SSMH = SANITARY SEWER MAN HOLE
- PP = POWER POLE
- UST = UNDERGROUND STORAGE TANK
- —X— = FENCE
- —OHP— = OVERHEAD POWER LINE

GRAPHIC SCALE (ft.)

20 0 20 40 80 120

TERRY ENVIRONMENTAL SERVICES
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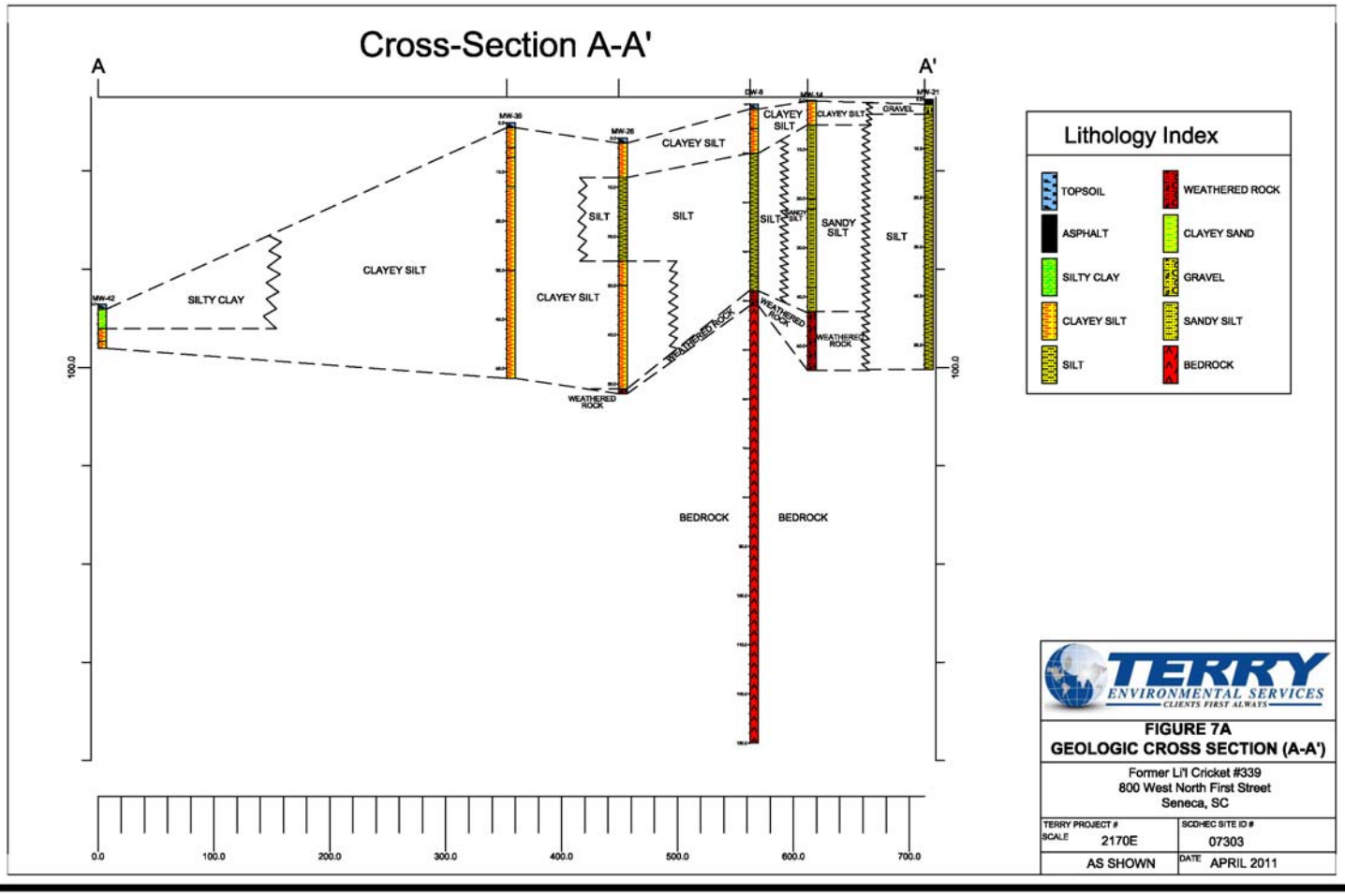
FIGURE 6
GEOLOGIC TRANSECTS MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170E	07303
SCALE 1" = 80'	DATE APRIL 2011

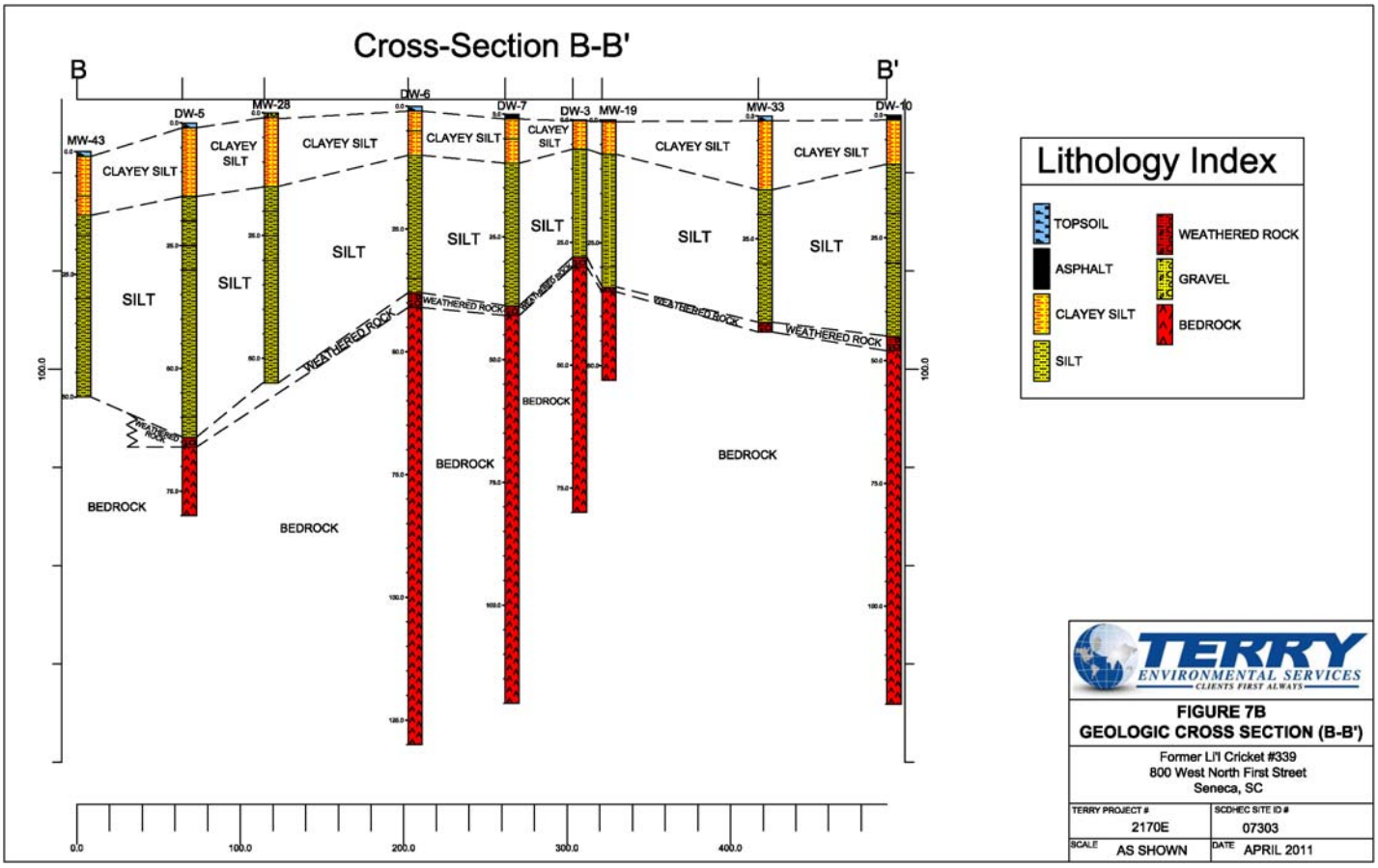


TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

FIGURE 7A
GEOLOGIC CROSS SECTION (A-A')

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
SCALE 2170E	07303
AS SHOWN	DATE APRIL 2011



Lithology Index

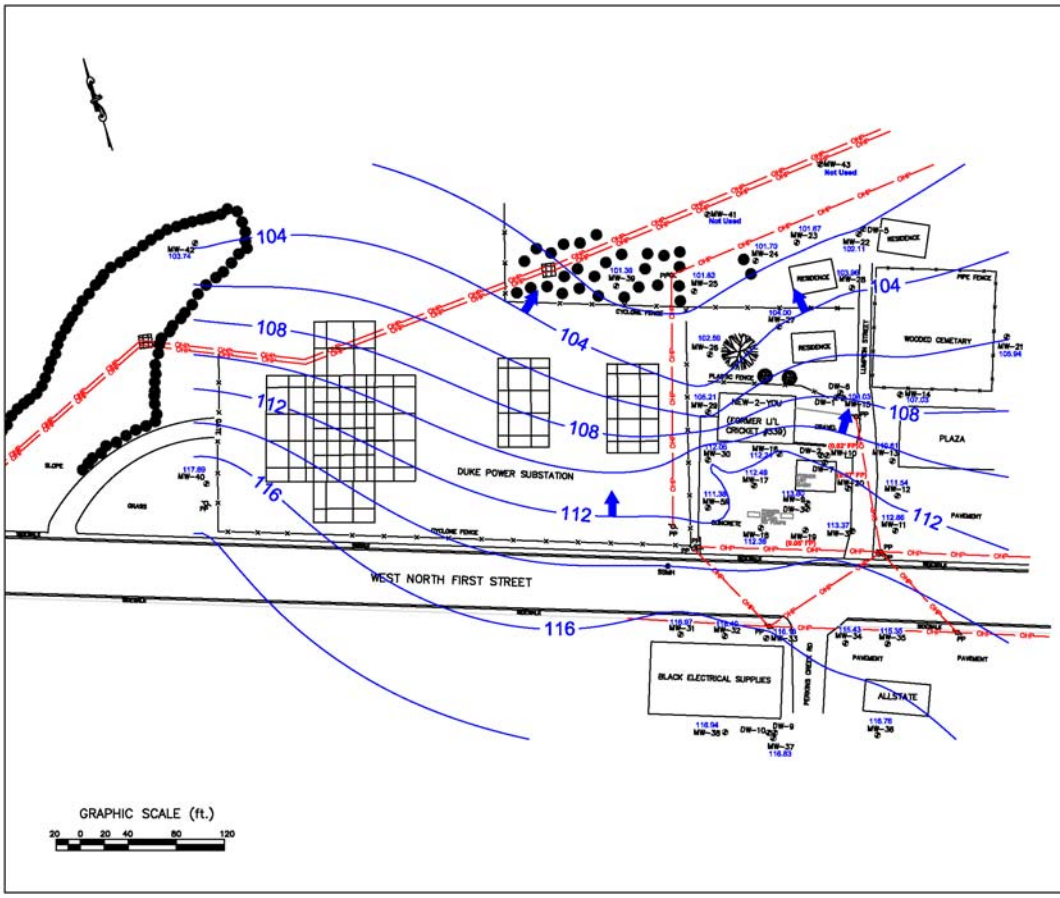
- TOPSOIL
- ASPHALT
- CLAYEY SILT
- SILT
- WEATHERED ROCK
- GRAVEL
- BEDROCK

TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

FIGURE 7B
GEOLOGIC CROSS SECTION (B-B')

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170E	07303
SCALE: AS SHOWN	DATE: APRIL 2011



LEGEND AND ABBREVIATIONS:

- MW = MONITORING WELL
- SSMH = SANITARY SEWER MAN HOLE
- PP = POWER POLE
- UST = UNDERGROUND STORAGE TANK
- —X— = FENCE
- —OHP— = OVERHEAD POWER LINE
- FP = FREE PRODUCT
- 102.11 GROUNDWATER ELEVATION (RELATIVE TO AN ASSUMED DATUM)
- 104 GROUNDWATER CONTOUR
- GROUNDWATER FLOW DIRECTION

MEASUREMENTS COLLECTED ON FEBRUARY 24 & 25, 2011.

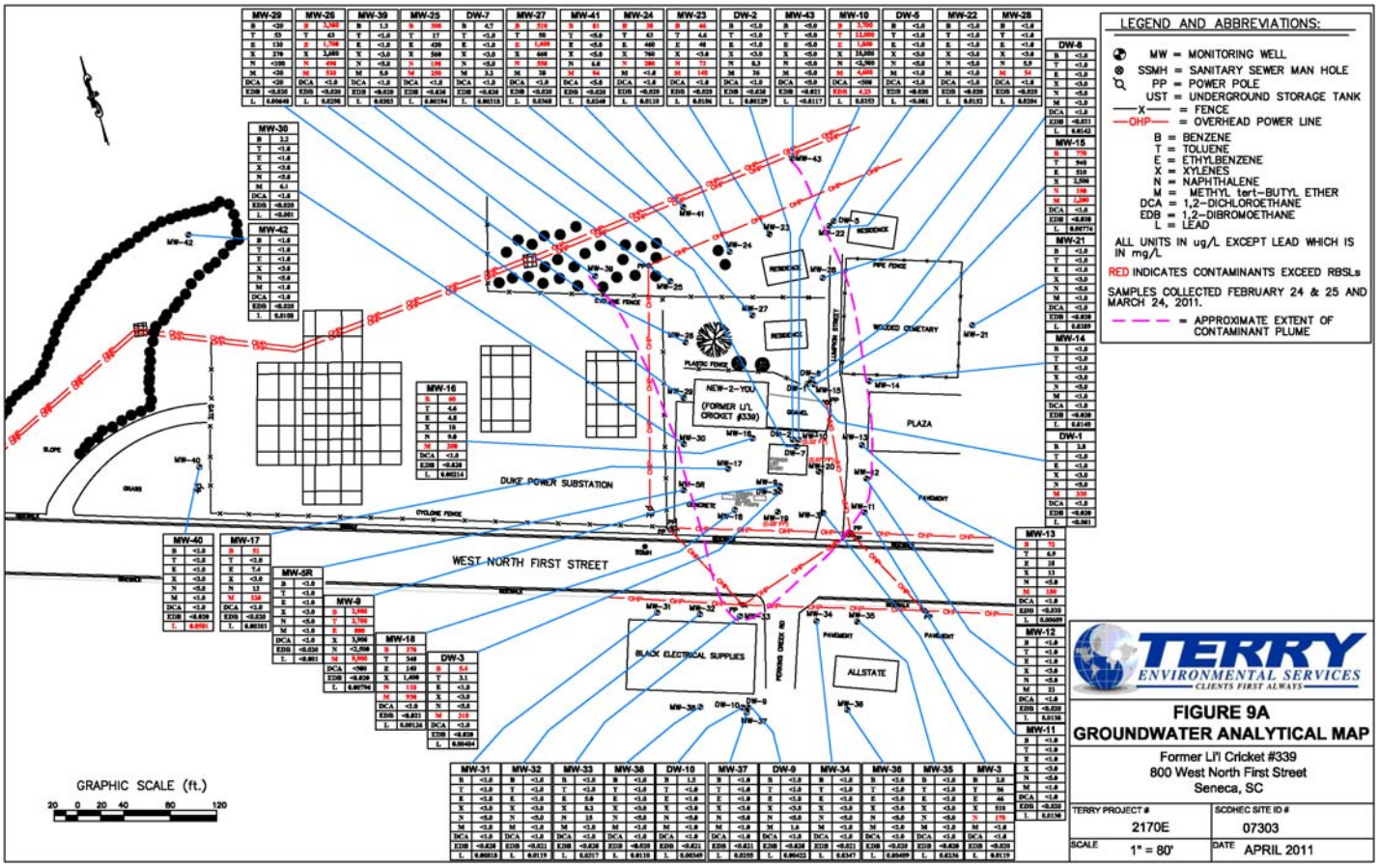
MW-41 AND MW-43 WERE MEASURED ON MARCH 23, 2011 AND ARE NOT USED FOR CONTOURING.

TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

FIGURE 8
GROUNDWATER CONTOUR MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170E	07303
SCALE 1" = 80'	DATE APRIL 2011

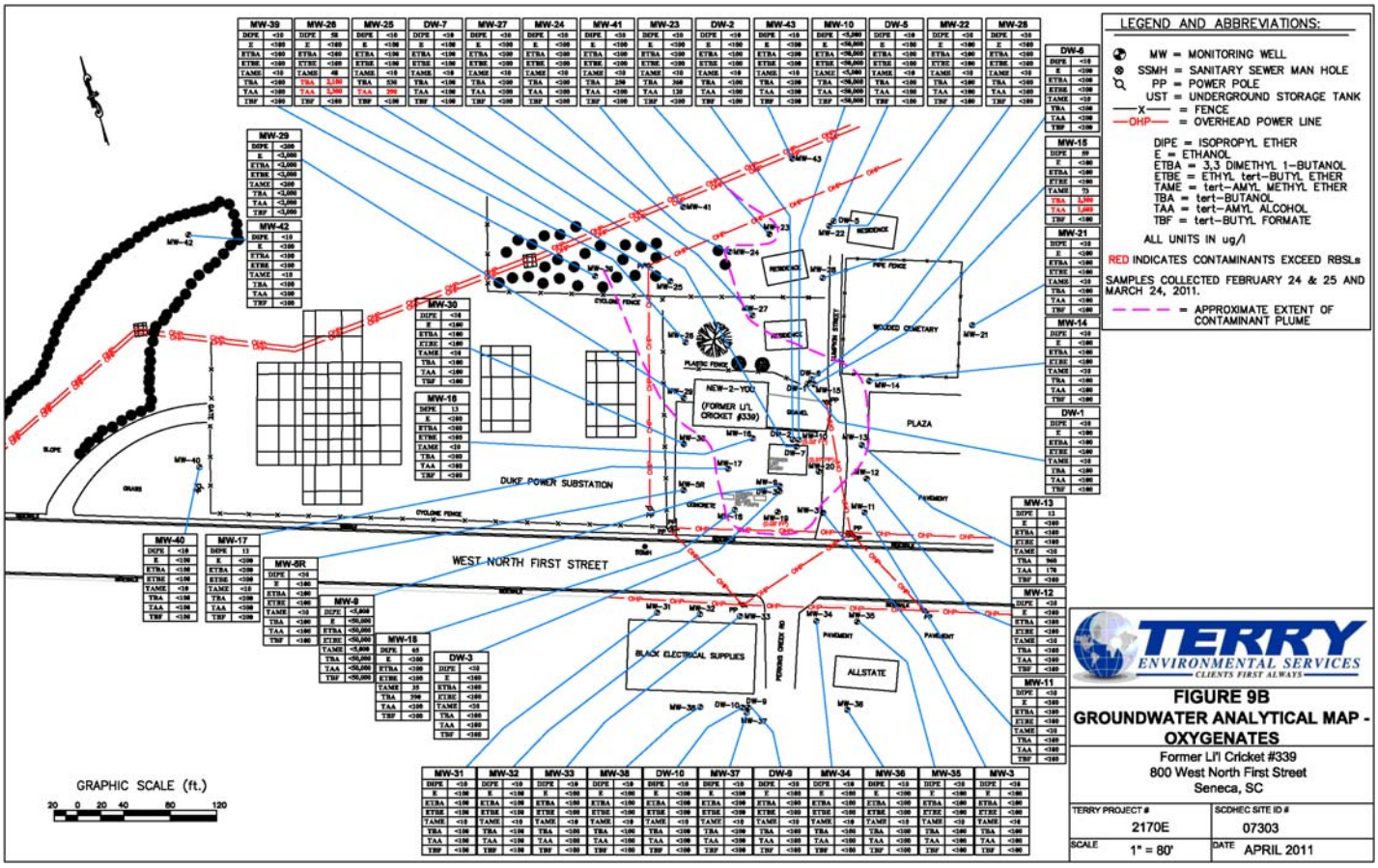


TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

FIGURE 9A
GROUNDWATER ANALYTICAL MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170E	07303
SCALE 1" = 80'	DATE APRIL 2011



TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

FIGURE 9B
GROUNDWATER ANALYTICAL MAP - OXYGENATES

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170E	07303
SCALE: 1" = 80'	DATE: APRIL 2011

APPENDIX 2

Tables

TABLE 1
GROUNDWATER FIELD DELINEATION RESULTS
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
TERRY PROJECT #2170E

Boring Number	Sample ID	Matrix	Total Depth (ft.)	Depth Sample Taken (ft.)	Date Performed	Field Screening Depth (ft.)	GW PID Reading (ppm)	ANALYTICAL LABORATORY DATA					
								PARAMETERS					
								BENZENE	TOLUENE	ETHYL.	XYLENES	NAPHT.	MTBE
								ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
GP-1	–	WATER	54	54	12/10/2010	53-54	12.7	**5.1**	5.9	1.0	5.8	11	4.4
GP-2	–	WATER	54	54	12/10/2010	53-54	8.6	3.0	9.1	1.2	5.6	7.4	<1.0
GP-3	–	WATER	16.5	16.5	12/10/2010	15.5-16.5	2.2	<1.0	4.9	<1.0	<3.0	<5.0	<1.0
GP-4	–	WATER	17.5	Dry	12/10/2010	–	–	Boring refusal prior to target depth, dry - No sample collected					
GP-5	–	WATER	6	Dry	12/10/2010	–	–	Boring refusal prior to target depth, dry - No sample collected					
GP-6	–	WATER	9	9	12/10/2010	8-9	4.7	<1.0	1.2	<1.0	<3.0	<5.0	<1.0
GP-7	–	WATER	5	5	12/10/2010	4-5	2.6	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0
GP-8	–	WATER	9	9	12/10/2010	8-9	7.8	<1.0	2.4	1.1	5.1	12	<1.0
GP-9	–	WATER	48	48	3/23/2011	47-48	3.4	Field Screened - Sample Not Analyzed					
GP-10	–	WATER	48	48	3/23/2011	47-48	5.7	Field Screened - Sample Not Analyzed					
			267	**TOTAL BORING FOOTAGE**									
GW RBSL	–	–	–	–	–	–	–	**5**	**1,000**	**700**	**10,000**	**25**	**40**

NOTES:

ug/l	MICROGRAMS PER LITER (PARTS PER BILLION)
5.1	BOLD INDICATES CONTAMINATION PRESENT IN EXCESS OF RISK BASED SCREENING LEVELS
–	PARAMETER WAS NOT TESTED OR NOT APPLICABLE

GW RBSL UNITS ARE ug/l

TABLE 2
SOIL ANALYTICAL DATA
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
TERRY PROJECT #2170E

Boring Number	Total Depth (FT)	Depth Sample Taken (FT)	Date Performed	FIELD SCREENING DATA (depth in feet)											ANALYTICAL LABORATORY DATA				
				Soil PID Readings in ppm											PARAMETERS				
				2	4	5	10	15	20	25	30	35	40	45	BENZENE	TOLUENE	ETHYLBENZENE	XYLENES	NAPHTHALENE
															ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
MW-39	52	40	2/24/2011	–	–	4.7	24.6	30.8	39.0	45.7	53.3	59.8	67.4	–	<5.1	<5.1	<5.1	<5.1	<5.1
MW-40	16	10	2/24/2011	–	–	0.7	2.3	–	–	–	–	–	–	–	<4.6	<4.6	<4.6	<4.6	<4.6
MW-41	52	45	3/23/2011	–	–	0.2	0.6	1.7	3.4	5.4	6.1	6.3	7.4	9.1	<4.6	<4.6	<4.6	<4.6	<4.6
MW-42	9	4	2/24/2011	1.7	2.8	–	–	–	–	–	–	–	–	–	<3.9	<3.9	<3.9	<3.9	<3.9
MW-43	50	40	3/23/2011	–	–	0.1	0.1	1.0	0.8	1.6	2.5	2.2	3.8	–	<3.9	<3.9	<3.9	<3.9	<3.9
SOIL RBSL	–	–	–	–	–	–	–	–	–	–	–	–	–	–	**3**	**627**	**1,551**	**13,010**	**47**

NOTES:

ppm PARTS PER MILLION
ug/kg MICROGRAMS PER KILOGRAM (PARTS PER BILLION)
– PARAMETER WAS NOT TESTED OR NOT APPLICABLE

SOIL RBSL UNITS ARE UG/KG
SOIL RBSL'S ARE BASED ON CLAY RICH SOIL WITH A SEPARATION DISTANCE OF <10 FEET.

TABLE 3
MONITORING WELL AND GROUNDWATER DATA
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
TERRY PROJECT #2170E

Well #	Date	TOC Elevation**	Screened Interval	Depth to Product*	Depth to Water*	Product Thickness	Water Table Elevation
		ft	ft	ft	ft	ft	ft
MW-3	10/1/2008	152.15	37-55	-	41.28	-	110.87
	2/16/2009			-	41.54	-	110.61
	6/22/2009			Not Sampled			
	2/25/2011			-	38.78	-	113.37
MW-5R	10/1/2008	150.01	50-60	-	59.55	-	90.46
	2/16/2009			-	53.20	-	96.81
	6/22/2009			Not Sampled			
	2/25/2011			-	38.63	-	111.38
MW-9	10/1/2008	150.85	45-55	-	40.81	-	110.04
	2/16/2009			-	40.44	-	110.41
	6/22/2009			Not Sampled			
	2/25/2011			-	37.05	-	113.80
MW-10	10/1/2008	152.07	42-52	43.62	43.95	**0.33**	108.12
	2/16/2009			43.83	43.93	**0.10**	108.14
	6/22/2009			Not Sampled			
	2/24/2011			41.47	41.49	**0.02**	110.58
MW-11	2/17/2009	153.51	40-50	-	43.31	-	110.20
	6/22/2009			Not Sampled			
	2/24/2011			-	40.65	-	112.86
MW-12	2/17/2009	154.40	40-50	-	45.39	-	109.01
	6/22/2009			Not Sampled			
	2/24/2011			-	42.86	-	111.54
MW-13	2/17/2009	153.54	40-50	-	45.34	-	108.20
	6/22/2009			Not Sampled			
	2/24/2011			-	42.93	-	110.61
MW-14	2/17/2009	154.32	45-55	-	49.58	-	104.74
	6/22/2009			Not Sampled			
	2/24/2011			-	47.29	-	107.03
MW-15	2/17/2009	152.67	40-50	-	47.05	-	105.62
	6/22/2009			Not Sampled			
	2/24/2011			-	44.64	-	108.03
MW-16	2/17/2009	151.33	40-55	-	42.08	-	109.25
	6/22/2009			Not Sampled			
	2/25/2011			-	39.09	-	112.24
MW-17	2/16/2009	150.78	40-55	-	41.43	-	109.35
	6/22/2009			Not Sampled			
	2/25/2011			-	38.29	-	112.49

TABLE 3
MONITORING WELL AND GROUNDWATER DATA
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
TERRY PROJECT #2170E

Well #	Date	TOC Elevation**	Screened Interval	Depth to Product*	Depth to Water*	Product Thickness	Water Table Elevation
		ft	ft	ft	ft	ft	ft
MW-18	2/16/2009	150.31	35-50	-	40.90	-	109.41
	6/22/2009			Not Sampled			
	2/25/2011			-	37.93	-	112.38
MW-19	2/17/2009	150.78	38-53	-	40.33	-	110.45
	6/22/2009			Not Sampled			
	2/25/2011			***	37.32	**0.05**	113.46
MW-20	2/17/2009	152.08	35-50	-	43.12	-	108.96
	6/22/2009			Not Sampled			
	2/25/2011			40.25	40.32	**0.07**	111.76
MW-21	6/22/2009	154.55	40-55	-	49.56	-	104.99
	2/25/2011			-	48.61	-	105.94
MW-22	6/22/2009	149.85	40-55	-	48.02	-	101.83
	2/24/2011			-	47.74	-	102.11
MW-23	6/22/2009	150.05	40-55	-	48.52	-	101.53
	2/24/2011			-	48.38	-	101.67
MW-24	6/22/2009	150.02	40-55	-	48.43	-	101.59
	2/24/2011			-	48.32	-	101.70
MW-25	6/22/2009	148.14	39-54	-	46.31	-	101.83
	2/24/2011			-	46.31	-	101.83
MW-26	6/22/2009	146.65	37-52	-	43.96	-	102.69
	2/24/2011			-	44.06	-	102.59
MW-27	6/22/2009	149.99	40-55	-	46.59	-	103.40
	2/24/2011			-	45.99	-	104.00
MW-28	6/22/2009	152.24	40-55	-	48.87	-	103.37
	2/24/2011			-	48.28	-	103.96
MW-29	6/22/2009	152.17	40-55	-	46.43	-	105.74
	2/25/2011			-	46.96	-	105.21
MW-30	6/22/2009	151.23	45-60	-	40.72	-	110.51
	2/25/2011			-	39.18	-	112.05
MW-31	6/22/2009	148.95	26-41	-	32.82	-	116.13
	2/25/2011			-	31.98	-	116.97
MW-32	6/22/2009	150.06	30-45	-	34.86	-	115.20
	2/25/2011			-	33.66	-	116.40
MW-33	6/22/2009	151.57	29-44	-	36.67	-	114.90
	2/25/2011			-	35.39	-	116.18
MW-34	6/22/2009	153.70	30-45	-	39.61	-	114.09
	2/25/2011			-	38.27	-	115.43

TABLE 3
MONITORING WELL AND GROUNDWATER DATA
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
TERRY PROJECT #2170E

Well #	Date	TOC Elevation**	Screened Interval	Depth to Product*	Depth to Water*	Product Thickness	Water Table Elevation
		ft	ft	ft	ft	ft	ft
MW-35	6/22/2009	154.52	31-46	-	40.48	-	114.04
	2/25/2011			-	39.17	-	115.35
MW-36	6/22/2009	156.04	31-46	-	40.42	-	115.62
	2/24/2011			-	39.28	-	116.76
MW-37	6/22/2009	151.73	29-44	-	35.92	-	115.81
	2/24/2011			-	34.90	-	116.83
MW-38	6/22/2009	150.63	32-47	-	34.61	-	116.02
	2/24/2011			-	33.69	-	116.94
MW-39	2/25/2011	149.78	42-52	-	48.39	-	101.39
MW-40	2/25/2011	132.33	6-16	-	14.64	-	117.69
MW-41	3/24/2011	147.24	42-52	-	46.40	-	100.84
MW-42	2/25/2011	112.87	2-9	-	9.13	-	103.74
MW-43	3/24/2011	144.35	40-50	-	43.89	-	100.46
DW-1	2/17/2009	152.36	75-80	-	47.91	-	104.45
	6/22/2009			Not Sampled			
	2/24/2011			-	45.34	-	107.02
DW-2	2/17/2009	151.77	75-80	-	44.15	-	107.62
	6/22/2009			Not Sampled			
	2/24/2011			-	41.68	-	110.09
DW-3	2/17/2009	150.83	75-80	-	42.12	-	108.71
	6/22/2009			Not Sampled			
	2/24/2011			-	40.06	-	110.77
DW-5	6/22/2009	150.19	75-80	-	45.55	-	104.64
	2/24/2011			-	61.27	-	88.92
DW-6	6/23/2009	152.59	115-130	-	63.39	-	89.20
	2/24/2011			-	49.98	-	102.61
DW-7	6/23/2009	151.97	115-120	-	113.41	-	38.56
	2/24/2011			-	46.27	-	105.70
DW-9	6/22/2009	151.96	75-80	-	37.64	-	114.32
	2/24/2011			-	36.34	-	115.62
DW-10	6/23/2009	151.77	115-120	-	37.84	-	113.93
	2/24/2011			-	36.86	-	114.91

Notes:

-- = No measurable product.

* = Relative to top of casing (TOC).

** = The TOC elevation benchmark was adjusted from 100' to 150' to allow for the newly installed deep wells with water levels greater than 100' below the TOC.

*** = Product thickness visually confirmed. Observed in bailer during purging.

TABLE 4
GROUNDWATER ANALYTICAL DATA
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
TERRY PROJECT #2170E

WELL ID	SAMPLING DATE	PARAMETERS																			
		Benzene	Toluene	Ethyl benzene	Xylenes	Naphthalene	MTBE	1,2 DCA	EDB	Lead	Nitrate/ Nitrite	Sulfate	Methane	Ferrous Iron	DIPE	Ethanol	ETBA	ETBE	TAME	TBA	TAA	TBF
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
RBSL	--	**5**	**1,000**	**700**	**10,000**	**25**	**40**	**5**	**0.05**	**0.05**	**N/A**	**N/A**	**N/A**	**N/A**	**150**	**10,000**	**N/A**	**47**	**128**	**1,400**	**240**	**N/A**
MW-3	10/1/2008	**8.51**	<1.00	4.1	7.25	3.51J	**57.3**	<1.00	<0.010	0.014B	7.85	<5.0	1.60J	0.595	--	--	--	--	--	--	--	--
	2/16/2009	2.45	<1.00	<1.00	<3.00	<5.00	**56.4**	<1.00	<0.010	0.0051B	--	--	--	--	2.67J	<100	<10.0	<5.00	6.94	103	46.3	<5.00
	6/22/2009	NOT SAMPLED																				
	2/25/2011	2.0	56	46	510	**170**	<1.0	<1.0	<0.020	0.0119	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-5R	10/1/2008	NOT SAMPLED																				
	2/16/2009	<1.00	<1.00	<1.00	<3.00	<5.00	0.994J	<1.00	<0.010	<0.015	--	--	--	--	<5.00	<100	<10.0	<5.00	<5.00	<10.0	<20.0	<5.00
	6/22/2009	NOT SAMPLED																				
	2/25/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.020	<0.001	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-9	10/1/2008	**2,820**	**4,860**	**1,140**	4,720	**357**	**9,050**	<50.0	**197**	**0.16**	<0.10	1.4B	1.72J	0.131	--	--	--	--	--	--	--	--
	2/16/2009	**3,020**	**4,180**	**1,150**	4,370	**393**	**8,630**	**52.0**	**0.069**	0.014B	--	--	--	--	**247J**	<5,000	<500	<250	**438**	**3,450**	<1,000	<250
	6/22/2009	NOT SAMPLED																				
	2/25/2011	**2,900**	**2,700**	**880**	3,900	<2,500	**9,900**	<500	<0.020	0.00796	--	--	--	--	<5,000	<50,000	<50,000	<50,000	<5,000	<50,000	<50,000	<50,000
MW-10*	10/1/2008	**FREE PRODUCT - 0.33 FEET**																				
	2/16/2009	**FREE PRODUCT - 0.10 FEET**																				
	6/22/2009	NOT SAMPLED																				
	2/24/2011	**3,700**	**12,000**	**1,800**	10,000	<2,500	**4,600**	<500	**4.23**	0.0253	--	--	--	--	<5,000	<50,000	<50,000	<50,000	<5,000	<50,000	<50,000	<50,000
MW-11	2/17/2009	<1.00	<1.00	<1.00	<3.00	<5.00	0.822J	<1.00	<0.010	0.014B	1.06	<5.0	--	<0.10	<5.00	<100	<10.0	<5.00	<5.00	<10.0	<20.0	<5.00
	6/22/2009	NOT SAMPLED																				
	2/24/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.020	0.0130	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-12	2/17/2009	<1.00	<1.00	<1.00	<3.00	<5.00	25.3	<1.00	<0.010	0.0043B	2.47	<5.0	--	<0.10	1.22J	<100	<10.0	<5.00	<5.00	<10.0	<20.0	<5.00
	6/22/2009	NOT SAMPLED																				
	2/24/2011	<1.0	<1.0	<1.0	<3.0	<5.0	22	<1.0	<0.020	0.0138	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-13	2/17/2009	<1.00	<1.00	<1.00	35.8	10.1	17.4	<1.00	<0.010	<0.015	4.39	<5.0	--	<0.10	1.11J	<100	<10.0	<5.00	<5.00	16.7	<20.0	<5.00
	6/22/2009	NOT SAMPLED																				
	2/24/2011	**72**	6.9	18	13	<5.0	**180**	<1.0	<0.020	0.00609	--	--	--	--	12	<100	<100	<100	<10	960	170	<100
MW-14	2/17/2009	<1.00	<1.00	<1.00	<3.00	<5.00	1.55	<1.00	<0.010	0.0037B	2.00	<5.0	--	<0.10	<5.00	<100	<10.0	<5.00	<5.00	<10.0	<20.0	<5.00
	6/22/2009	NOT SAMPLED																				
	2/24/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.020	0.0140	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-15	2/17/2009	**822**	**1,420**	417	1,550	**143**	**1,320**	<20.0	<0.010	0.0047B	<0.010	<5.0	--	0.4	40.8J	<2,000	<200	<100	**141**	**2,150**	<400	<100
	6/22/2009	NOT SAMPLED																				
	2/24/2011	**770**	940	510	2,500	**190**	**1,200**	<1.0	<0.020	0.00774	--	--	--	--	59	<100	<100	<100	73	**2,300**	**1,600**	<100
MW-16	2/17/2009	**183**	85.5	57.2	107	<25.0	**542**	**9.19**	0.019	0.0037B	<0.010	<5.0	--	2.2	28.6	<500	<50.0	<25.0	39.3	114	237	<25.0
	6/22/2009	NOT SAMPLED																				
	2/25/2011	**60**	4.6	4.8	18	9.0	**200**	<1.0	<0.020	0.00214	--	--	--	--	13	<100	<100	<100	<10	<100	<100	<100
MW-17	2/16/2009	**106**	15.7	54.6	84.0	<25.0	**463**	4.74J	<0.010	<0.015	<0.010	<5.0	--	2.4	24.0J	<500	<50.0	<25.0	38.3	72.8	<100	<25.0
	6/22/2009	NOT SAMPLED																				
	2/25/2011	**51**	<1.0	7.4	<3.0	13	**220**	<1.0	<0.020	0.00201	--	--	--	--	12	<100	<100	<100	<10	<100	<100	<100
MW-18	2/16/2009	**255**	72.7	109	458	<25.0	**689**	**7.48**	0.015	0.0056B	<0.010	<5.0	--	2.5	37.9	<500	<50.0	<25.0	44.0	123	143	<25.0
	6/22/2009	NOT SAMPLED																				
	2/25/2011	**370**	340	140	1,400	**110**	**930**	<1.0	<0.021	0.00126	--	--	--	--	65	<100	<100	<100	35	390	<100	<100
MW-19	2/17/2009	**3,110**	**9,000**	**1,330**	5,410	**682**	**12,100**	<100	**6.49**	**0.10**	<0.010	4.5B	--	2.8	**323J**	<10,000	<1,000	<500	**804**	**7,480**	<2,000	<500
	6/22/2009	NOT SAMPLED																				
	2/25/2011	**FREE PRODUCT - 0.05 FEET**																				

TABLE 4
GROUNDWATER ANALYTICAL DATA
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
TERRY PROJECT #2170E

WELL ID	SAMPLING DATE	PARAMETERS																			
		Benzene	Toluene	Ethyl benzene	Xylenes	Naphthalene	MTBE	1,2 DCA	EDB	Lead	Nitrate/ Nitrite	Sulfate	Methane	Ferrous Iron	DIPE	Ethanol	ETBA	ETBE	TAME	TBA	TAA	TBF
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
RBSL	--	5	1,000	700	10,000	25	40	5	0.05	0.05	N/A	N/A	N/A	N/A	150	10,000	N/A	47	128	1,400	240	N/A
MW-20	2/17/2009	1,340	1,840	1,040	2,670	602	6,230	<100	1.61	0.053B	<0.010	<5.0	--	0.6	146J	<10,000	<1,000	<500	676	16,300	8,450	<500
	6/22/2009	NOT SAMPLED																				
	2/25/2011	FREE PRODUCT - 0.07 FEET																				
MW-21	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/25/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.020	0.0289	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-22	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/24/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.020	0.0152	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-23	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/24/2011	46	4.6	40	<3.0	73	140	<1.0	<0.020	0.0106	--	--	--	--	<10	<100	<100	<100	<10	360	120	<100
MW-24	6/22/2009	233	195	1,040	2,990	312	19.5J	<20.0	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/24/2001	38	63	460	760	200	<1.0	<1.0	<0.020	0.0110	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-25	6/22/2009	299	65.8	635	1,260	226	103	<10.0	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/24/2011	300	17	420	560	190	250	<1.0	<0.020	0.00194	--	--	--	--	<10	<100	<100	<100	<10	530	290	<100
MW-26	6/22/2009	399	119	335	1,160	165	156	<10.0	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/24/2011	2,300	63	1,700	2,600	490	520	<1.0	<0.020	0.0298	--	--	--	--	58	<100	<100	<100	48	2,100	2,300	<100
MW-27	6/22/2009	500	13.1	261	96.8	60.9	1,060	<10.0	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/24/2011	510	50	1,400	660	550	28	<1.0	<0.020	0.0368	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-28	6/22/2009	<1.00	<1.00	<1.00	<3.00	3.98J	0.749J	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/24/2011	<1.0	<1.0	<1.0	<3.0	5.9	54	<1.0	<0.020	0.0204	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-29	6/22/2009	14.4	11.3	65.4	302	29.0	44.2	4.39	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/25/2011	<20	53	120	270	<100	<20	<20	<0.020	0.00640	--	--	--	--	<200	<2,000	<2,000	<2,000	<200	<2,000	<2,000	<2,000
MW-30	6/22/2009	3.06	<1.00	1.25	<3.00	<5.00	31.4	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/25/2011	2.2	<1.0	<1.0	<3.0	<5.0	6.1	<1.0	<0.020	<0.001	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-31	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/25/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.020	0.00818	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-32	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/25/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.021	0.0119	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-33	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/25/2011	<1.0	<1.0	5.0	8.2	15	<1.0	<1.0	<0.020	0.0317	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-34	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/25/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.021	0.0347	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-35	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/25/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.020	0.0236	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-36	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/24/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.020	0.00409	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-37	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/24/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.021	0.0255	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-38	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010													
	2/24/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.020	0.0110	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-39	2/25/2011	1.3	<1.0	<1.0	<3.0	<5.0	5.0	<1.0	<0.020	0.0203	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-40	2/25/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.020	0.0501	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-41	3/24/2011	81	<5.0	<5.0	<5.0	6.0	94	<5.0	<0.020	0.0240	--	--	--	--	<10	<100	<100	<100	<10	250	<100	<100

TABLE 4
GROUNDWATER ANALYTICAL DATA
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
TERRY PROJECT #2170E

WELL ID	SAMPLING DATE	PARAMETERS																			
		Benzene	Toluene	Ethyl benzene	Xylenes	Naphthalene	MTBE	1,2 DCA	EDB	Lead	Nitrate/ Nitrite	Sulfate	Methane	Ferrous Iron	DIPE	Ethanol	ETBA	ETBE	TAME	TBA	TAA	TBF
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
RBSL	--	**5**	**1,000**	**700**	**10,000**	**25**	**40**	**5**	**0.05**	**0.05**	**N/A**	**N/A**	**N/A**	**N/A**	**150**	**10,000**	**N/A**	**47**	**128**	**1,400**	**240**	**N/A**
MW-42	2/25/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.020	0.0108	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-43	3/24/2011	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.021	0.0117	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
DW-1	2/17/2009	1.66	1.39	<1.00	<3.00	<5.00	**47.5**	<1.00	<0.010	<0.075	0.507	9.4	--	0.2	2.42J	<100	<10.0	<5.00	6.66	42.9	<20.0	<5.00
	6/22/2009	NOT SAMPLED																				
	2/24/2011	2.8	<1.0	<1.0	<3.0	<5.0	**330**	<1.0	<0.020	<0.001	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
DW-2	2/17/2009	2.81	<1.00	<1.00	<3.00	<5.00	**51.3**	<1.00	<0.010	0.015B	0.594	1.4B	--	<0.10	2.14J	<100	<10.0	<5.00	6.77	14.7	<20.0	<5.00
	6/22/2009	NOT SAMPLED																				
	2/24/2011	<1.0	<1.0	<1.0	<3.0	8.3	26	<1.0	<0.020	0.00129	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
DW-3	2/17/2009	**6.59**	1.85J	<2.00	<6.00	<10.0	**279**	3.42	<0.010	<0.075	0.461	<5.0	--	<0.10	14.0	<200	<20.0	<10.0	15.8	42.7	76.8	<10.0
	6/22/2009	NOT SAMPLED																				
	2/24/2011	**5.4**	3.1	<1.0	<3.0	<5.0	**310**	<1.0	<0.020	0.00404	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
DW-5	6/22/2009	1.93	1.22	2.36	1.24J	<5.00	2.42	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/24/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.020	<0.001	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
DW-6	6/23/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/24/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.021	0.0142	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
DW-7	6/23/2009	<1.00	<1.00	<1.00	<3.00	<5.00	1.60	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/24/2011	4.7	<1.0	<1.0	<3.0	<5.0	3.2	<1.0	<0.020	0.00318	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
DW-9	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	1.20	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/24/2011	<1.0	<1.0	<1.0	<3.0	<5.0	1.6	<1.0	<0.020	0.00422	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
DW-10	6/23/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/24/2011	1.5	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.021	0.00349	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100

NOTES:

-- = Parameter was not tested
RBSL = Risk Based Screening Levels
ug/L= micrograms per liter
mg/L= milligrams per liter
J = Indicates an estimated value
MTBE = tert-Butyl Methyl Ether
1,2 DCA = 1,2 Dichloroethane
EDB = 1,2-Dibromoethane
DIPE = Isopropyl Ether
ETBA = 3,3 Dimethyl 1-butanol
ETBE = Ethyl tert-butyl ether
TAME = tert-amyl methyl ether
TBA = tert-Butyl Alcohol
TAA = tert-amyl alcohol
TBF = tert-butyl formate
B = (ORGANICS) Indicates the analyte was detected in the associated method blank
B = (INORGANICS) Indicates the result is between the RDL and the MDL
Bold Lettering indicates parameter exceeds SCDHEC RBSLs except for 1,2 DCA which is based on EPA limits
* = Sample was collected beneath free product (0.02' thickness) per SCDHEC request

APPENDIX 3

AFVR Data & Disposal Manifest

TABLE 1
GROUNDWATER ELEVATION AND VACUUM DATA
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST Permit # 07303
January 14, 2011

Well #	MW-13			Well #	MW-15			Well #	MW-16			Well #	MW-20		
Elapsed Time	Depth to Product (ft)	Depth to Water (ft)	Vacuum (in H2O)	Elapsed Time	Depth to Product (ft)	Depth to Water (ft)	Vacuum (in H2O)	Elapsed Time	Depth to Product (ft)	Depth to Water (ft)	Vacuum (in H2O)	Elapsed Time	Depth to Product (ft)	Depth to Water (ft)	Vacuum (in H2O)
0	--	42.65	0.00	0	--	44.37	0.00	0	--	38.66	0.00	0	**40.07**	40.41	0.00
0.5	--	42.67	0.00	0.5	--	44.38	0.00	0.5	--	38.71	0.00	0.5	**40.10**	40.44	0.00
1	**--**	42.67	0.00	1	**--**	44.38	0.00	1	**--**	38.72	0.00	1	**40.12**	40.46	0.00
1.5	**--**	42.67	0.00	1.5	**--**	44.38	0.00	1.5	**--**	38.73	0.00	1.5	**40.13**	40.46	0.00
2	--	42.67	0.00	2	--	44.38	0.00	2	--	38.72	0.00	2	**40.12**	40.46	0.00
2.5	--	42.67	0.00	2.5	--	44.38	0.00	2.5	--	38.72	0.00	2.5	**40.11**	40.45	0.00
3	--	42.66	0.00	3	--	44.38	0.00	3	--	38.71	0.00	3	**40.11**	40.45	0.00
3.5	**--**	42.66	0.00	3.5	**--**	44.38	0.00	3.5	**--**	38.70	0.00	3.5	**40.10**	40.44	0.00
4	**--**	42.65	0.00	4	**--**	44.38	0.00	4	**--**	38.70	0.00	4	**40.10**	40.44	0.00
4.5	**--**	42.65	0.00	4.5	**--**	44.38	0.00	4.5	**--**	38.70	0.00	4.5	**40.10**	40.44	0.00
5	--	42.65	0.00	5	--	44.38	0.00	5	--	38.70	0.00	5	**40.10**	40.44	0.00
5.5	--	42.65	0.00	5.5	--	44.38	0.00	5.5	--	38.71	0.00	5.5	**40.10**	40.43	0.00
6	--	42.65	0.00	6	--	44.38	0.00	6	--	38.72	0.00	6	**40.10**	40.43	0.00
6.5	**--**	42.65	0.00	6.5	**--**	44.38	0.00	6.5	**--**	38.71	0.00	6.5	**40.10**	40.43	0.00
7	--	42.65	0.00	7	--	44.38	0.00	7	--	38.70	0.00	7	**40.10**	40.42	0.00
7.5	--	42.65	0.00	7.5	--	44.38	0.00	7.5	--	38.70	0.00	7.5	**40.10**	40.42	0.00
8	--	42.65	0.00	8	--	44.38	0.00	8	--	38.70	0.00	8	**40.10**	40.42	0.00
Maximum Drawdown		**0.02**		Maximum Drawdown		**0.01**		Maximum Drawdown		**0.07**		Maximum Drawdown		**0.05**	
Maximum Observed Vacuum			**0.0**	Maximum Observed Vacuum			**0.0**	Maximum Observed Vacuum			**0.0**	Maximum Observed Vacuum			**0.0**
Distance From Recovery Well (ft)			**46**	Distance From Recovery Well (ft)			**50**	Distance From Recovery Well (ft)			**38**	Distance From Recovery Well (ft)			**33**

RADIUS OF INFLUENCE

Best Fit Linear Regression - Drawdown Data **51** ft

Best Fit Linear Regression - Vacuum Data **<33** ft

AFVR Emissions Field Data

Date:	January 14, 2011	**Average Depth to Groundwater:**	44 ft.
Site Name:	Former Li'l Cricket #339	**Describe Soil in Saturated Zone:**	Saprolite
SCDHEC Site ID #:	07303	**Vacuum Contractor:**	Terry Exploration Services, LLC
Well ID #:	**MW-10**	**Blower Specification of the Vacuum Truck (CFM @ Hg):**	575 CFM @ 15" Hg

DRY STANDARD CUBIC FEET PER MINUTE (DSCFM) CALCULATIONS (Qstd)										EMISSION CALCULATION							
		Vacuum	Velocity	Pipe Id	Temp.	Rel.Humid	$PPM_{measured}$	Elapsed time	Flow	PPM_d	PPM_c	K	C_{cm}	C_c	PMR_c	PMR_g	PMR_g
Date	Time	(in. Hg)	(ft/min)	(in)	(F)	(%)	(ppm)	(min)	(DSCFM)				(mg/dsm^3)	(lb/dscf)	(lb/hr)	(lb/hr)	(gal/hr)
1/14/2011	8:30	15.0	2,860	3	84.0	20.7	469.0	0	124.25	514.09	2056.35	4	1026.04	6.406E-05	0.48	0.55	0.09
1/14/2011	9:00	16.5	2,408	3	100.0	22.4	644.0	30	101.62	705.91	2823.64	4	1408.89	8.796E-05	0.54	0.62	0.10
1/14/2011	9:30	17.5	2,641	3	130.8	22.7	1,048.0	60	105.64	1148.75	4594.99	4	2292.72	1.431E-04	0.91	1.05	0.17
1/14/2011	10:00	19.0	2,109	3	141.0	20.8	896.0	90	82.93	982.14	3928.54	4	1960.19	1.224E-04	0.61	0.70	0.11
1/14/2011	10:30	16.5	2,266	3	141.0	21.3	997.0	120	89.11	1092.85	4371.38	4	2181.15	1.362E-04	0.73	0.84	0.13
1/14/2011	11:00	17.0	2,408	3	141.0	19.5	969.0	150	94.69	1062.15	4248.61	4	2119.89	1.323E-04	0.75	0.87	0.14
1/14/2011	11:30	16.0	2,745	3	141.0	16.2	1,079.0	180	107.94	1182.73	4730.91	4	2360.54	1.474E-04	0.95	1.10	0.18
1/14/2011	12:00	16.0	2,583	3	141.0	15.7	841.0	210	101.57	921.85	3687.39	4	1839.87	1.149E-04	0.70	0.81	0.13
1/14/2011	12:30	16.0	2,445	3	141.0	15.1	823.0	240	96.14	902.12	3608.47	4	1800.49	1.124E-04	0.65	0.75	0.12
1/14/2011	13:00	16.0	2,454	3	141.0	11.2	990.0	270	96.50	1085.17	4340.69	4	2165.84	1.352E-04	0.78	0.91	0.14
1/14/2011	13:30	16.0	2,339	3	141.0	8.0	928.0	300	91.98	1017.21	4068.85	4	2030.20	1.267E-04	0.70	0.81	0.13
1/14/2011	14:00	16.0	2,361	3	141.0	8.7	917.0	330	92.84	1005.15	4020.62	4	2006.13	1.252E-04	0.70	0.81	0.13
1/14/2011	14:30	16.0	2,326	3	141.0	9.1	893.0	360	91.47	978.85	3915.39	4	1953.63	1.220E-04	0.67	0.77	0.12
1/14/2011	15:00	16.0	2,275	3	141.0	8.1	905.0	390	89.46	992.00	3968.00	4	1979.88	1.236E-04	0.66	0.77	0.12
1/14/2011	15:30	16.0	2,367	3	141.0	6.4	905.0	420	93.08	992.00	3968.00	4	1979.88	1.236E-04	0.69	0.80	0.13
1/14/2011	16:00	16.0	2,361	3	141.0	7.2	903.0	450	92.84	989.81	3959.23	4	1975.50	1.233E-04	0.69	0.79	0.13
1/14/2011	16:30	16.0	2,367	3	141.0	8.0	900.0	480	93.08	986.52	3946.08	4	1968.94	1.229E-04	0.69	0.79	0.13
Average		16.3	2430	3.0	134.6	14.2	889		96.59	974.08	3896.30	4	1944.10	1.214E-04	0.70	0.81	0.13
Bws =	0.088	Bwsw:	0.06														

Total Pounds of Carbon Recovered as Emissions: **5.63**

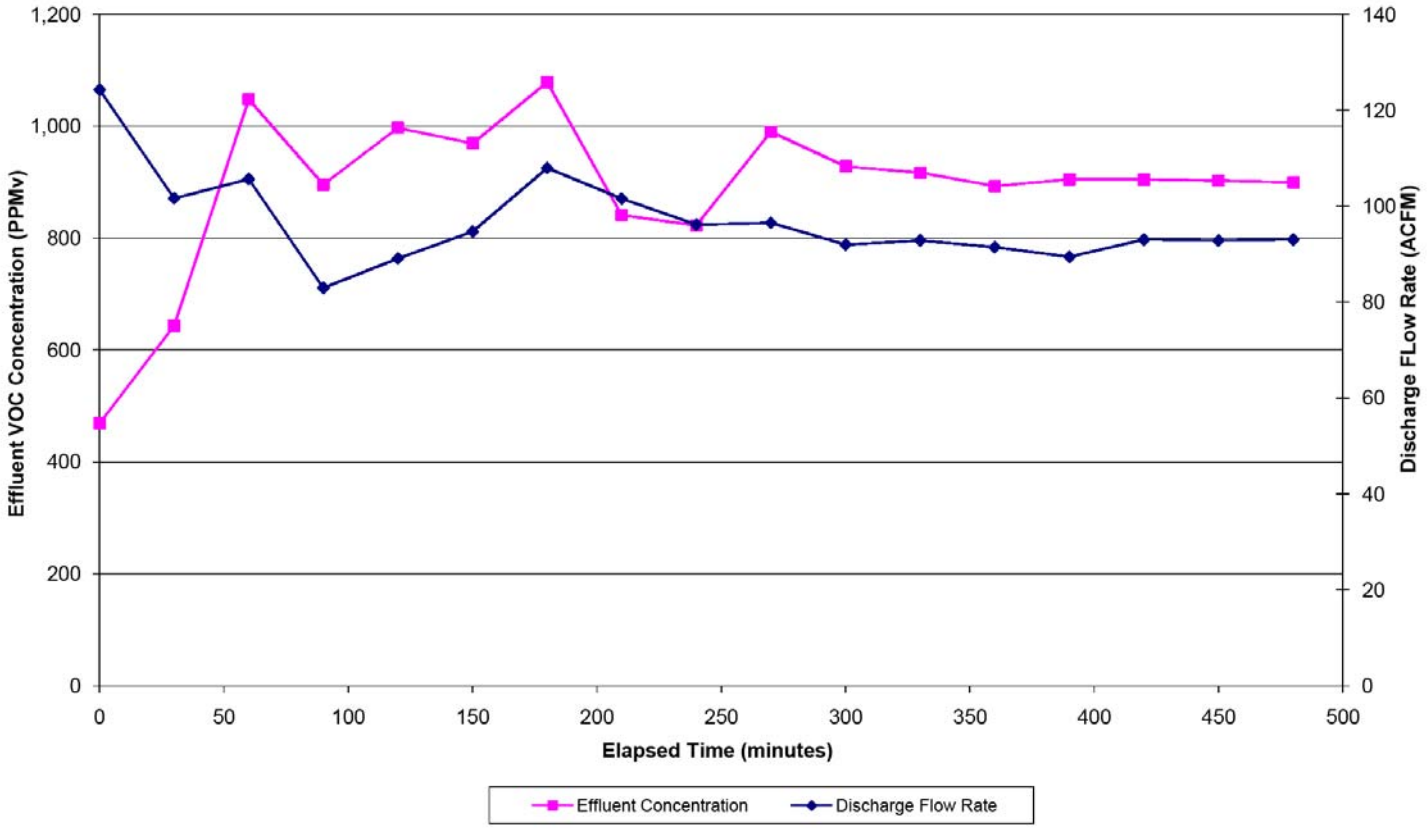
Total Pounds of Gasoline Vapor Recovered as Emissions: **6.51**

Total Gallons of Gasoline Recovered as Emissions: **1.04**

(This Number Represents the Gallons Recovered via Vapors, Not Total Liquids)

TERRY Environmental Services
CLIENTS FIRST ALWAYS

AFVR PROCESS MONITORING
January 14, 2011
Former Li'l Cricket #339, Seneca, South Carolina
SCDHEC UST Permit #07303



TERRY Environmental Services
CLIENTS FIRST ALWAYS

AFVR Definitions and Equations

Qstd = (60 sec/min) (1- Bws) (velocity) (Pipe ID sq.ft.) [(528 oR / (Temp. + 460)] (Listed As Flow Above)

Bws = (B_{wsw} / 18 lb-mole H_2O) / [(1/28.84 lb-mole dry air) + B_{wsw} / 18 lb-mole H_2O)]

PPMd = (PPMw) / (1-Bws)

PPMc = (PPM) (K)

Cc = Ccm (62.43 E -9 lb-m^3/mg-ft^3)

PMRg = (PMRc) (Mg/Mcg)

Bgs = below top of casing

Bws = (B_{WSW} / 18 lb-mole H_2O) / [(1/28.84 lb-mole dry air) + B_{wsw} / 18 lb-mole H_2O)]

Qstd = (60 sec/min)(1-Bws)(V)(A)(Temp deg Rankin)

Bgs = below top of casing

Bws - water vapor % by volume

PPMmeasured = obtained directly from Photo Ionization Detector (PID)

Bwsw - pounds of water per pound of dry air, derived from the psychometric chart (temp Vs relative hum)

PPMw = PPM measured (wet Conc.)

K = # of carbons in calibration gas (isobutylene)

PPMc = PPMv, volumetric concentration of VOC emissions as carbon, dry basis, at STP

Ccm = mg/dsm^3, mass concentration of VOC emissions as carbon

Mc = 12.01 mg/mg-mole, molecular wt. of carbon

K_3 = 24.07 $dsm^3/10^6$ mg-mole, mass to volume conversion factor at stp

Cc = lb/dscf, mass concentration of VOC emissions as carbon, dry basis, at STP

PMRc = lb/hr, pollutant mass removal rate of VOC's as carbon

PMRg = lb/hr, pollutant mass removal rate of VOC's as gasoline

Mcg = 89 mg/mg-mole, weight of carbon in gasoline molecule

PPMd = "dry" concentration

Mg = 103 mg/mg-mole, molecular wt. of gasoline

Qstd - Flow at DSCFM

Ccm = PPMc (Mc/K_3)

PMRc = Cc (Qstd) (60 min/hr)

Reference:

North Carolina Department of Natural Resources, Division of Waste Management, Underground Storage Tank Section, Appendix B, Report Formats, April 2001.

US Water Recovery

Non-Hazardous Wastewater Manifest Number:

1. Generator's EPA ID# (if applicable): Waste ID Number:

2. Generator's Name and Mailing Address: Phone (843) 878 8200
former Lee Center
Seneca, SC
PO#: 21706

3. Agent of Generator and Mailing Address: Phone (843) 878 8200
Team Environmental
PO Box 25
Summerville SC 29484
PO#: 21706

4. Transporter Company Name: Phone ( )
Same as above ↑
Truck & Trailer License Number:

5. Transporter U.S. EPA ID#:

6. Facility Name and Site Address: Phone: (843) 797-8874
U S Water Recovery
435 Old Mt. Holly Rd.
Mt. Holly, SC 29445
Fax: (843) 797-2126

Mailing Address: Phone: (843) 797-3111
U S Water Recovery
210 S. Cedar Street
Summerville, SC 29483
Fax: (843) 797-1884

7. Facility U.S. EPA ID#:

Start Level:	End Level:	Total Gallons:	Tank Number
0	350	350	

8. U.S. DOT Desciption	Container No.	Container Type	Unit	Quantity
a. Non-Hazardous, non-regulated waste water	1	VAC	GAL	

9. Generator's Certification: I hereby declare that the contents of this consignment are not hazardous by definition or listing and are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina. I further certify that the contents of this consignment are as represented by the description contained on the Waste Profile Form previously submitted to and approved by the Designated Facility.

Printed/Typed Name: Bill Lineweaver Signature: Bill Lineweaver AS AGENT Date: 1/18/11

10. Transporter Acknowledgement of Receipt of Materials

Printed/Typed Name: Bill Lineweaver Signature: Bill Lineweaver AS AGENT Date: 1/18/11

11. Discrepancy indication space:

12. Facility Owner or Operator: Certification of Receipt of Materials

Printed/Typed Name: David Ward Signature: David Ward Date: 1-18-11

White - Facility Yellow - Office Pink - Transporter Blue - Generator

7875

APPENDIX 4

Field Delineation Analytical Data

ACCESS ANALYTICAL, INC.

ANALYTICAL REPORT

CLIENT

Terry Environmental
PO Box 25
Summerville SC 29484

ATTENTION
Randy Brand

PROJECT ID
F. Li'L Cricket #339

LABORATORY REPORT NUMBER
1012A54

DATE
December 15, 2010

Primary Data Review By

Brian Rohr
Project Manager, AES

Secondary Data Review By

Ashley Amick
Project Manager, Access Analytical
aamick@axs-inc.com

PLEASE NOTE:

- **Unless otherwise noted, all analysis on this report performed at Analytical Environmental Services Inc. (AES Inc), 3785 Presidential Parkway, Atlanta, GA 30340.**
- **AES is SCDHEC certified laboratory # 98016, NCDENR certified lab # 562, GA certified lab # FL-E87582, NELAP certified laboratory # E87582**
- Local support services for this project are provided by Access Analytical, Inc. Access Analytical is a representative of AES serving client in the SC/NC/GA areas. All questions regarding this report should be directed to your local Access Analytical representative at 803.781.4243 or toll fee at 883.315.4243

Access Analytical - Chain of Custody Record

1012A54

LAB USE ONLY

Project Work Order # _____ **PO #** _____ **Access Quote #** _____ **Laboratory ID:** 1098

LAB USE ONLY

Company Name: Terry Environmental
Report To: Randy Brand
Address: PO Box 25
City: Summerville State: SC Zip: 29484
Phone: 843-873-8200 Fax:
Email: RBrand@Terryenvironmental.com
Project ID: F. Li'l Cricket #339 2170 E
Sampled By: LO

Preservative: (*see codes) 1
Container Type: (*see codes) G

↓ REQUESTED LAB ANALYSIS: ↓ BTEX, MtBE, Naph

Sample ID/Description	Date Collected:	Time Collected:	Type: (grab or composite)	Matrix: (see codes)	Program Area (see codes)	TOTAL # of containers		
GP-1	12/10/10	1210	grab	GW	SWF	2	collected / pre-analysis	2
GP-2		1145					collected / pre-analysis	
GP-3		1045					collected / pre-analysis	
GP-6		0855					collected / pre-analysis	
GP-7		0910					collected / pre-analysis	
GP-8	↓	0925	↓	↓	↓	↓	collected / pre-analysis	↓
							collected / pre-analysis	
							collected / pre-analysis	
							collected / pre-analysis	
							collected / pre-analysis	

ACCESS ANALYTICAL, INC.
7478 Carlisle Street
Irmo, SC 29063
Phone: (803) 781-4243
Fax: 781-4303
www.axs-inc.com

*Preservative Codes (place corresponding # in block above analysis field): 0 = None, 1 = HCL, 2 = HNO_3, 3 = H_2SO_4, 4 = NaOH, 5 = $Na_2S_2O_3$, 6 = Method 5035 set w/ $NaHSO_4$ & CH_3OH, 7 = NaOH/ZnOAC, 8 = H_3PO_4

*Matrix Codes (place corresponding code in matrix column): GW = ground water, WW = waste water, DW = drinking water, S = soil, SL = sludge, A = air, IW = industrial waste, WO = waste oil, OT = other (specify in comments section)

*Program Area Codes: CWA = Clean Water Act (for wastewaters), SDWA = Safe Drinking Water Act (for drinking waters), SHW = Solid and Hazardous Wastes (for soils, ground waters and waste samples)

*Container Type: G = Glass, P = Plastic

NOTES / COMMENTS
(if sample is a composite please use space below to note start/finish times & dates)

Turnaround Time:
X Standard
__ RUSH*
*Date Required: 12/20/10
(For rush work, results emailed/faxed by end of business day on date required)

Project Location:
X SC
__ NC
__ Other
(specify) _____

Relinquished By:	Received By:	Date (mm-dd-yy)	Time (24HR)	Sample Temp. Upon Receipt (°C):	
Lauren Ott	M. Robertson Access	12/10/10	1515	1.0 (°C)	__ (N/A)
Matt Access	Fed Ex	12-10-10	1710	__ (°C)	X (N/A)
	Matt A	12-11-10	1135	__ (°C)	__ (N/A)
				__ (°C)	__ (N/A)

See Reverse for Terms and Conditions

Original Copy - Returned w/Report
Yellow Copy - Access File Copy
Pink Copy - Client Copy

Analytical Environmental Services, Inc **Date:** 15-Dec-10

Client:	Terry Environmental	**Client Sample ID:**	GP-1
Project:	F. Li'L Cricket #339	**Collection Date:**	12/10/2010 12:10:00 PM
Lab ID:	1012A54-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Benzene	5.1	1.0		ug/L	139445	1	12/14/2010 22:28	NK
Toluene	5.9	1.0		ug/L	139445	1	12/14/2010 22:28	NK
Ethylbenzene	1.0	1.0		ug/L	139445	1	12/14/2010 22:28	NK
Xylenes, Total	5.8	3.0		ug/L	139445	1	12/14/2010 22:28	NK
Naphthalene	11	5.0		ug/L	139445	1	12/14/2010 22:28	NK
Methyl tert-butyl ether	4.4	1.0		ug/L	139445	1	12/14/2010 22:28	NK
Surr: 4-Bromofluorobenzene	105	64.7-130		%REC	139445	1	12/14/2010 22:28	NK
Surr: Dibromofluoromethane	96.4	80.7-129		%REC	139445	1	12/14/2010 22:28	NK
Surr: Toluene-d8	91.7	71.1-120		%REC	139445	1	12/14/2010 22:28	NK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc **Date:** 15-Dec-10

Client:	Terry Environmental	**Client Sample ID:**	GP-2
Project:	F. Li'L Cricket #339	**Collection Date:**	12/10/2010 11:45:00 AM
Lab ID:	1012A54-002	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Benzene	3.0	1.0		ug/L	139445	1	12/14/2010 22:55	NK
Toluene	9.1	1.0		ug/L	139445	1	12/14/2010 22:55	NK
Ethylbenzene	1.2	1.0		ug/L	139445	1	12/14/2010 22:55	NK
Xylenes, Total	5.6	3.0		ug/L	139445	1	12/14/2010 22:55	NK
Naphthalene	7.4	5.0		ug/L	139445	1	12/14/2010 22:55	NK
Methyl tert-butyl ether	BRL	1.0		ug/L	139445	1	12/14/2010 22:55	NK
Surr: 4-Bromofluorobenzene	102	64.7-130		%REC	139445	1	12/14/2010 22:55	NK
Surr: Dibromofluoromethane	97.7	80.7-129		%REC	139445	1	12/14/2010 22:55	NK
Surr: Toluene-d8	90.6	71.1-120		%REC	139445	1	12/14/2010 22:55	NK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 15-Dec-10

Client:	Terry Environmental	**Client Sample ID:**	GP-3
Project:	F. Li'L Cricket #339	**Collection Date:**	12/10/2010 10:45:00 AM
Lab ID:	1012A54-003	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Benzene	BRL	1.0		ug/L	139445	1	12/14/2010 23:22	NK
Toluene	4.9	1.0		ug/L	139445	1	12/14/2010 23:22	NK
Ethylbenzene	BRL	1.0		ug/L	139445	1	12/14/2010 23:22	NK
Xylenes, Total	BRL	3.0		ug/L	139445	1	12/14/2010 23:22	NK
Naphthalene	BRL	5.0		ug/L	139445	1	12/14/2010 23:22	NK
Methyl tert-butyl ether	BRL	1.0		ug/L	139445	1	12/14/2010 23:22	NK
Surr: 4-Bromofluorobenzene	99.8	64.7-130		%REC	139445	1	12/14/2010 23:22	NK
Surr: Dibromofluoromethane	98	80.7-129		%REC	139445	1	12/14/2010 23:22	NK
Surr: Toluene-d8	88.2	71.1-120		%REC	139445	1	12/14/2010 23:22	NK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 15-Dec-10

Client:	Terry Environmental	**Client Sample ID:**	GP-6
Project:	F. Li'L Cricket #339	**Collection Date:**	12/10/2010 8:55:00 AM
Lab ID:	1012A54-004	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Benzene	BRL	1.0		ug/L	139445	1	12/14/2010 23:49	NK
Toluene	1.2	1.0		ug/L	139445	1	12/14/2010 23:49	NK
Ethylbenzene	BRL	1.0		ug/L	139445	1	12/14/2010 23:49	NK
Xylenes, Total	BRL	3.0		ug/L	139445	1	12/14/2010 23:49	NK
Naphthalene	BRL	5.0		ug/L	139445	1	12/14/2010 23:49	NK
Methyl tert-butyl ether	BRL	1.0		ug/L	139445	1	12/14/2010 23:49	NK
Surr: 4-Bromofluorobenzene	99.9	64.7-130		%REC	139445	1	12/14/2010 23:49	NK
Surr: Dibromofluoromethane	102	80.7-129		%REC	139445	1	12/14/2010 23:49	NK
Surr: Toluene-d8	89.6	71.1-120		%REC	139445	1	12/14/2010 23:49	NK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 15-Dec-10

Client:	Terry Environmental	**Client Sample ID:**	GP-7
Project:	F. Li'L Cricket #339	**Collection Date:**	12/10/2010 9:10:00 AM
Lab ID:	1012A54-005	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Benzene	BRL	1.0		ug/L	139445	1	12/15/2010 00:17	NK
Toluene	BRL	1.0		ug/L	139445	1	12/15/2010 00:17	NK
Ethylbenzene	BRL	1.0		ug/L	139445	1	12/15/2010 00:17	NK
Xylenes, Total	BRL	3.0		ug/L	139445	1	12/15/2010 00:17	NK
Naphthalene	BRL	5.0		ug/L	139445	1	12/15/2010 00:17	NK
Methyl tert-butyl ether	BRL	1.0		ug/L	139445	1	12/15/2010 00:17	NK
Surr: 4-Bromofluorobenzene	98.9	64.7-130		%REC	139445	1	12/15/2010 00:17	NK
Surr: Dibromofluoromethane	99.5	80.7-129		%REC	139445	1	12/15/2010 00:17	NK
Surr: Toluene-d8	90.6	71.1-120		%REC	139445	1	12/15/2010 00:17	NK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 15-Dec-10

Client:	Terry Environmental	**Client Sample ID:**	GP-8
Project:	F. Li'L Cricket #339	**Collection Date:**	12/10/2010 9:25:00 AM
Lab ID:	1012A54-006	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Benzene	BRL	1.0		ug/L	139445	1	12/14/2010 21:05	NK
Toluene	2.4	1.0		ug/L	139445	1	12/14/2010 21:05	NK
Ethylbenzene	1.1	1.0		ug/L	139445	1	12/14/2010 21:05	NK
Xylenes, Total	5.1	3.0		ug/L	139445	1	12/14/2010 21:05	NK
Naphthalene	12	5.0		ug/L	139445	1	12/14/2010 21:05	NK
Methyl tert-butyl ether	BRL	1.0		ug/L	139445	1	12/14/2010 21:05	NK
Surr: 4-Bromofluorobenzene	102	64.7-130		%REC	139445	1	12/14/2010 21:05	NK
Surr: Dibromofluoromethane	101	80.7-129		%REC	139445	1	12/14/2010 21:05	NK
Surr: Toluene-d8	87.4	71.1-120		%REC	139445	1	12/14/2010 21:05	NK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Access Work Order Number 1012A54

Checklist completed by M. Signature 12/11/10 Date

Carrier name: FedEx ✓ UPS __ Courier __ Client __ US Mail __ Other _____

Shipping container/cooler in good condition?	Yes ✓	No __	Not Present __
Custody seals intact on shipping container/cooler?	Yes __	No __	Not Present ✓
Custody seals intact on sample bottles?	Yes __	No __	Not Present ✓
Container/Temp Blank temperature in compliance? (4°C±2)*	Yes ✓	No __	

Cooler #1 3.8c Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present?	Yes ✓	No __
Chain of custody signed when relinquished and received?	Yes ✓	No __
Chain of custody agrees with sample labels?	Yes ✓	No __
Samples in proper container/bottle?	Yes ✓	No __
Sample containers intact?	Yes ✓	No __
Sufficient sample volume for indicated test?	Yes ✓	No __
All samples received within holding time?	Yes ✓	No __
Was TAT marked on the COC?	Yes ✓	No __
Proceed with Standard TAT as per project history?	Yes __	No __ Not Applicable ✓
Water - VOA vials have zero headspace?	No VOA vials submitted __	Yes ✓ No __
Water - pH acceptable upon receipt?	Yes ✓	No __ Not Applicable __

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

Analytical Environmental Services, Inc

Date: 15-Dec-10

Client: Terry Environmental
Project Name: F. Li'L Cricket #339
Workorder: 1012A54

ANALYTICAL QC SUMMARY REPORT

BatchID: 139445

Sample ID: **MB-139445** Client ID: Units: **ug/L** Prep Date: **12/14/2010** Run No: **186663**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **139445** Analysis Date: **12/14/2010** Seq No: **3890247**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	5.0	0	0	0	0	0	0	0	0	
Naphthalene	BRL	5.0	0	0	0	0	0	0	0	0	
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	
Xylenes, Total	BRL	5.0	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	49.80	0	50	0	99.6	64.7	130	0	0	0	
Surr: Dibromofluoromethane	49.39	0	50	0	98.8	80.7	129	0	0	0	
Surr: Toluene-d8	46.32	0	50	0	92.6	71.1	120	0	0	0	

Sample ID: **LCS-139445** Client ID: Units: **ug/L** Prep Date: **12/14/2010** Run No: **186663**
SampleType: **LCS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **139445** Analysis Date: **12/14/2010** Seq No: **3890245**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	45.54	5.0	50	0	91.1	73.6	129	0	0	0	
Toluene	42.89	5.0	50	0	85.8	75.7	128	0	0	0	
Surr: 4-Bromofluorobenzene	52.92	0	50	0	106	64.7	130	0	0	0	
Surr: Dibromofluoromethane	49.03	0	50	0	98.1	80.7	129	0	0	0	
Surr: Toluene-d8	49.91	0	50	0	99.8	71.1	120	0	0	0	

Sample ID: **1012A54-006AMS** Client ID: **GP-8** Units: **ug/L** Prep Date: **12/14/2010** Run No: **186663**
SampleType: **MS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **139445** Analysis Date: **12/14/2010** Seq No: **3890254**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	51.70	5.0	50	0	103	62.2	143	0	0	0	
Toluene	47.88	5.0	50	2.440	90.9	57.8	149	0	0	0	
Surr: 4-Bromofluorobenzene	51.89	0	50	0	104	64.7	130	0	0	0	
Surr: Dibromofluoromethane	47.96	0	50	0	95.9	80.7	129	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Analytical Environmental Services, Inc

Date: 15-Dec-10

Client: Terry Environmental
Project Name: F. Li'L Cricket #339
Workorder: 1012A54

ANALYTICAL QC SUMMARY REPORT

BatchID: 139445

Sample ID: **1012A54-006AMS**	Client ID: **GP-8**	Units: **ug/L**	Prep Date: **12/14/2010**	Run No: **186663**
SampleType: **MS**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**	BatchID: **139445**	Analysis Date: **12/14/2010**	Seq No: **3890254**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: Toluene-d8	45.17	0	50	0	90.3	71.1	120	0	0	0	

Sample ID: **1012A54-006AMSD**	Client ID: **GP-8**	Units: **ug/L**	Prep Date: **12/14/2010**	Run No: **186663**
SampleType: **MSD**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**	BatchID: **139445**	Analysis Date: **12/14/2010**	Seq No: **3890255**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	49.72	5.0	50	0	99.4	62.2	143	51.70	3.9	20	
Toluene	46.37	5.0	50	2.440	87.9	57.8	149	47.88	3.2	20	
Surr: 4-Bromofluorobenzene	51.89	0	50	0	104	64.7	130	51.89	0	0	
Surr: Dibromofluoromethane	47.39	0	50	0	94.8	80.7	129	47.96	0	0	
Surr: Toluene-d8	45.44	0	50	0	90.9	71.1	120	45.17	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

APPENDIX 5

Soil Boring Logs

TERRY ENVIRONMENTAL SERVICES
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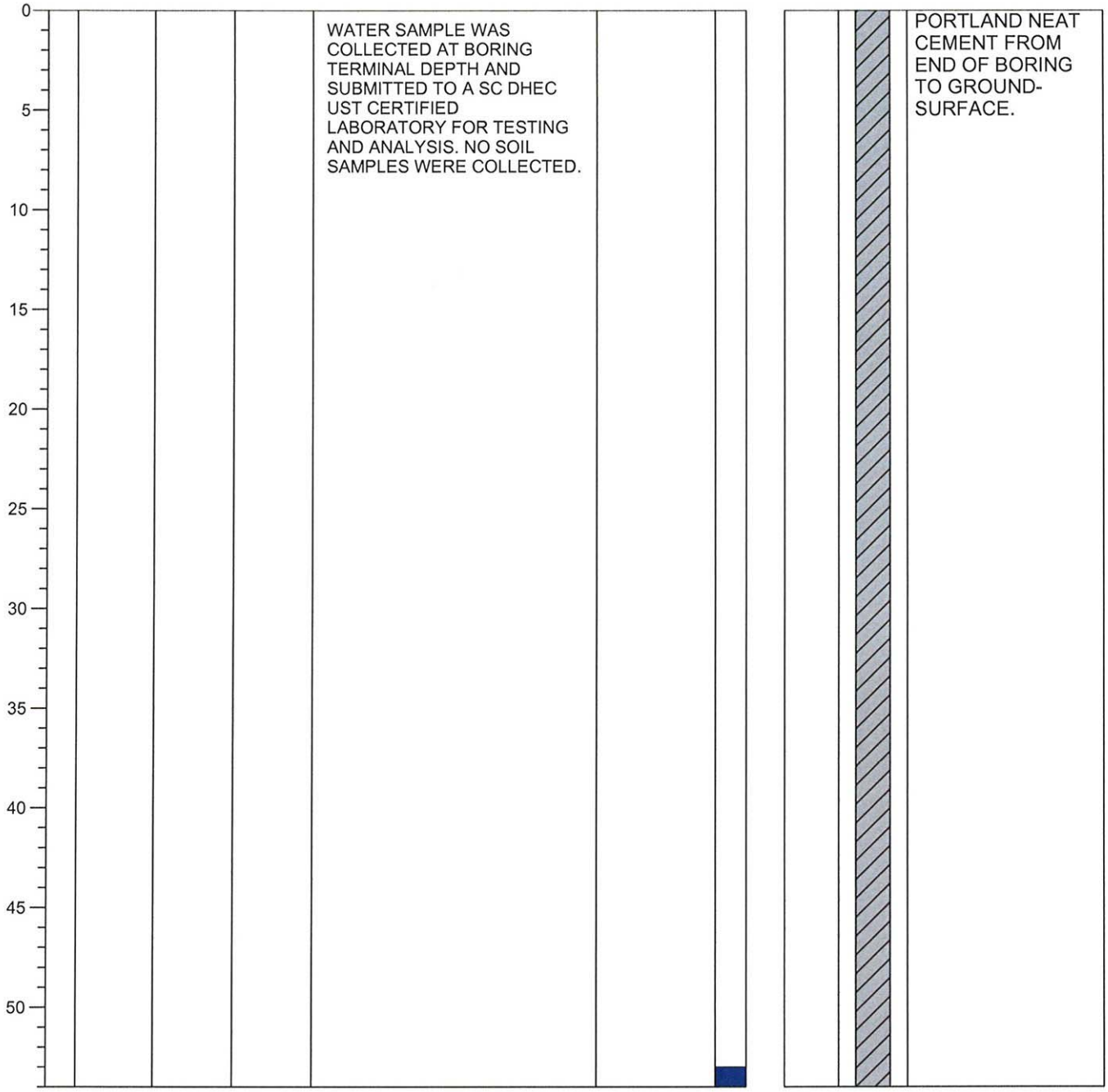
SOIL BORING LOG

SOIL BORING #: GP-1
TERRY PROJECT: F. LI'L CRICKET #339
PROJECT LOCATION: SENECA, SC
TERRY PROJECT #: 07303
SCDHEC SITE ID #: 2170E
CLIENT: LI'L CRICKET FOOD STORES

DRILLING COMPANY: GEOLOGIC EXPLORATION
DRILLER: DANNY SUMMERS (CERT #B01430)
FIELD PERSONNEL: L.O.
START DATE: 12/10/10 FINISH DATE: 12/10/10

TERMINATION DEPTH: 54 FT BGS
WATER LEVEL: EST 53 FT BGS
ABANDONMENT METHOD: NEAT CEMENT
SAMPLE RETRIEVED: AT 54 FT BGS

Depth Scale	Soil Sample	Odor	PID/OVA	Moisture Content	Lithology	Water Level	BORING ABANDONMENT
					SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.		



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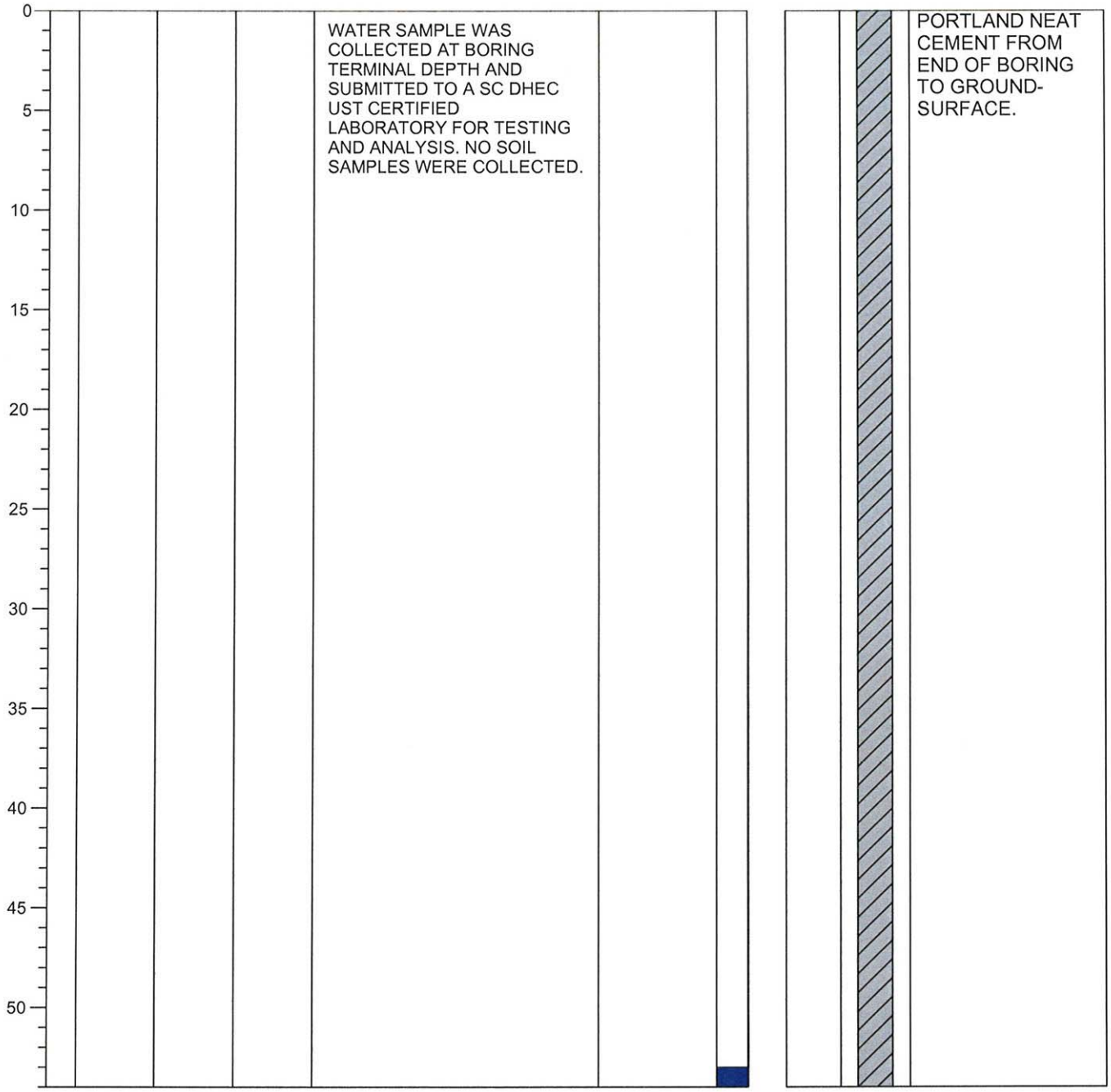
SOIL BORING LOG

SOIL BORING #: GP-2
TERRY PROJECT: F. LI'L CRICKET #339
PROJECT LOCATION: SENECA, SC
TERRY PROJECT #: 07303
SCDHEC SITE ID #: 2170E
CLIENT: LI'L CRICKET FOOD STORES

DRILLING COMPANY: GEOLOGIC EXPLORATION
DRILLER: DANNY SUMMERS (CERT #B01430)
FIELD PERSONNEL: L.O.
START DATE: 12/10/10 FINISH DATE: 12/10/10

TERMINATION DEPTH: 54 FT BGS
WATER LEVEL: EST 53 FT BGS
ABANDONMENT METHOD: NEAT CEMENT
SAMPLE RETRIEVED: AT 54 FT BGS

Depth Scale	Soil Sample	Odor	PID/OVA	Moisture Content	Lithology	Water Level	BORING ABANDONMENT
					SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.		



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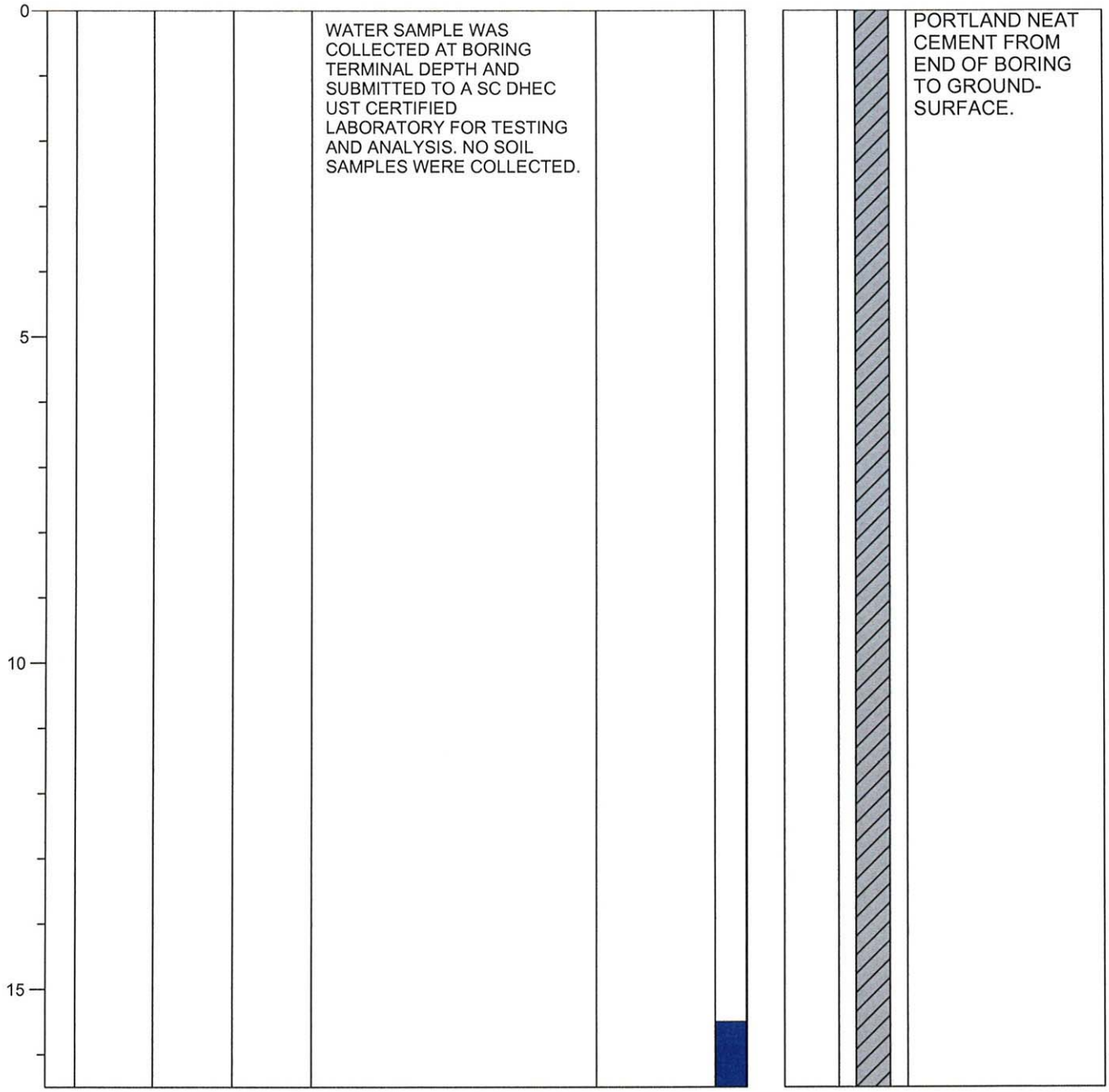
SOIL BORING LOG

SOIL BORING #: GP-3
TERRY PROJECT: F. LI'L CRICKET #339
PROJECT LOCATION: SENECA, SC
TERRY PROJECT #: 07303
SCDHEC SITE ID #: 2170E
CLIENT: LI'L CRICKET FOOD STORES

DRILLING COMPANY: GEOLOGIC EXPLORATION
DRILLER: DANNY SUMMERS (CERT #B01430)
FIELD PERSONNEL: L.O.
START DATE: 12/10/10 FINISH DATE: 12/10/10

TERMINATION DEPTH: 16.5 FT BGS
WATER LEVEL: EST 15.5 FT BGS
ABANDONMENT METHOD: NEAT CEMENT
SAMPLE RETRIEVED: AT 16.5 FT BGS

Depth Scale	Soil Sample	Odor	PID/OVA	Moisture Content	Lithology	Water Level	BORING ABANDONMENT
					SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.		



Total Depth = 16.5 FT BGS

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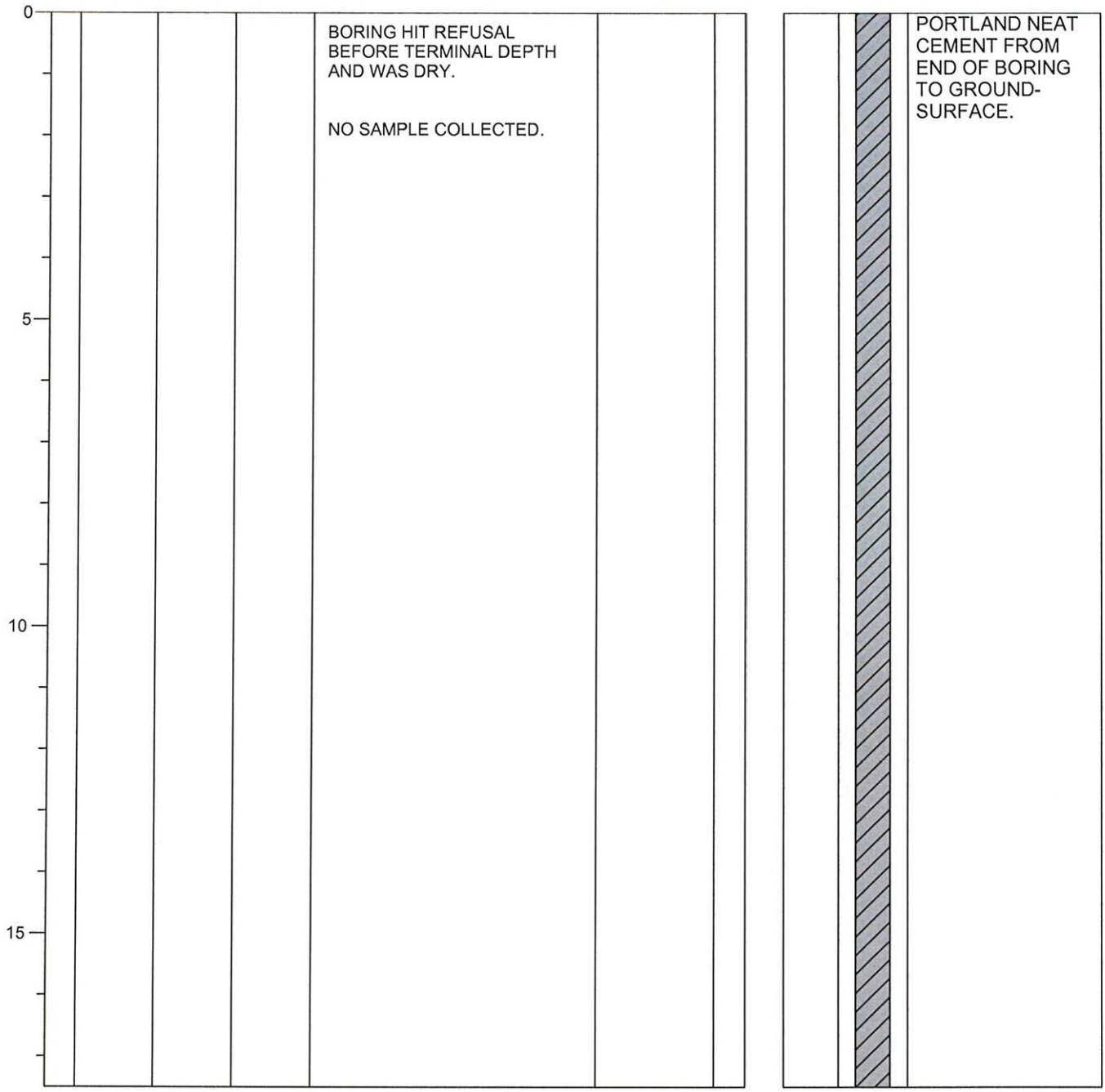
SOIL BORING LOG

SOIL BORING #: GP-4
TERRY PROJECT: F. LI'L CRICKET #339
PROJECT LOCATION: SENECA, SC
TERRY PROJECT #: 07303
SCDHEC SITE ID #: 2170E
CLIENT: LI'L CRICKET FOOD STORES

DRILLING COMPANY: GEOLOGIC EXPLORATION
DRILLER: DANNY SUMMERS (CERT #B01430)
FIELD PERSONNEL: L.O.
START DATE: 12/10/10 FINISH DATE: 12/10/10

TERMINATION DEPTH: 17.5 FT BGS
WATER LEVEL: UNKNOWN
ABANDONMENT METHOD: NEAT CEMENT
SAMPLE RETRIEVED: N/A

Depth Scale	Soil Sample	Odor	PID/OVA	Moisture Content	Lithology	Water Level	BORING ABANDONMENT
					SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.		



Total Depth = 17.5 FT BGS

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SOIL BORING LOG

SOIL BORING #: GP-5
TERRY PROJECT: F. LI'L CRICKET #339
PROJECT LOCATION: SENECA, SC
TERRY PROJECT #: 07303
SCDHEC SITE ID #: 2170E
CLIENT: LI'L CRICKET FOOD STORES

DRILLING COMPANY: GEOLOGIC EXPLORATION
DRILLER: DANNY SUMMERS (CERT #B01430)
FIELD PERSONNEL: L.O.
START DATE: 12/10/10 FINISH DATE: 12/10/10

TERMINATION DEPTH: 6 FT BGS
WATER LEVEL: UNKNOWN
ABANDONMENT METHOD: NEAT CEMENT
SAMPLE RETRIEVED: N/A

Depth Scale	Soil Sample	Odor	PID/OVA	Moisture Content	Lithology	Water Level	BORING ABANDONMENT
					SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.		
0					BORING HIT REFUSAL BEFORE TERMINAL DEPTH AND WAS DRY. NO SAMPLE COLLECTED.		PORTLAND NEAT CEMENT FROM END OF BORING TO GROUND-SURFACE.
5							

Total Depth = 6 FT BGS

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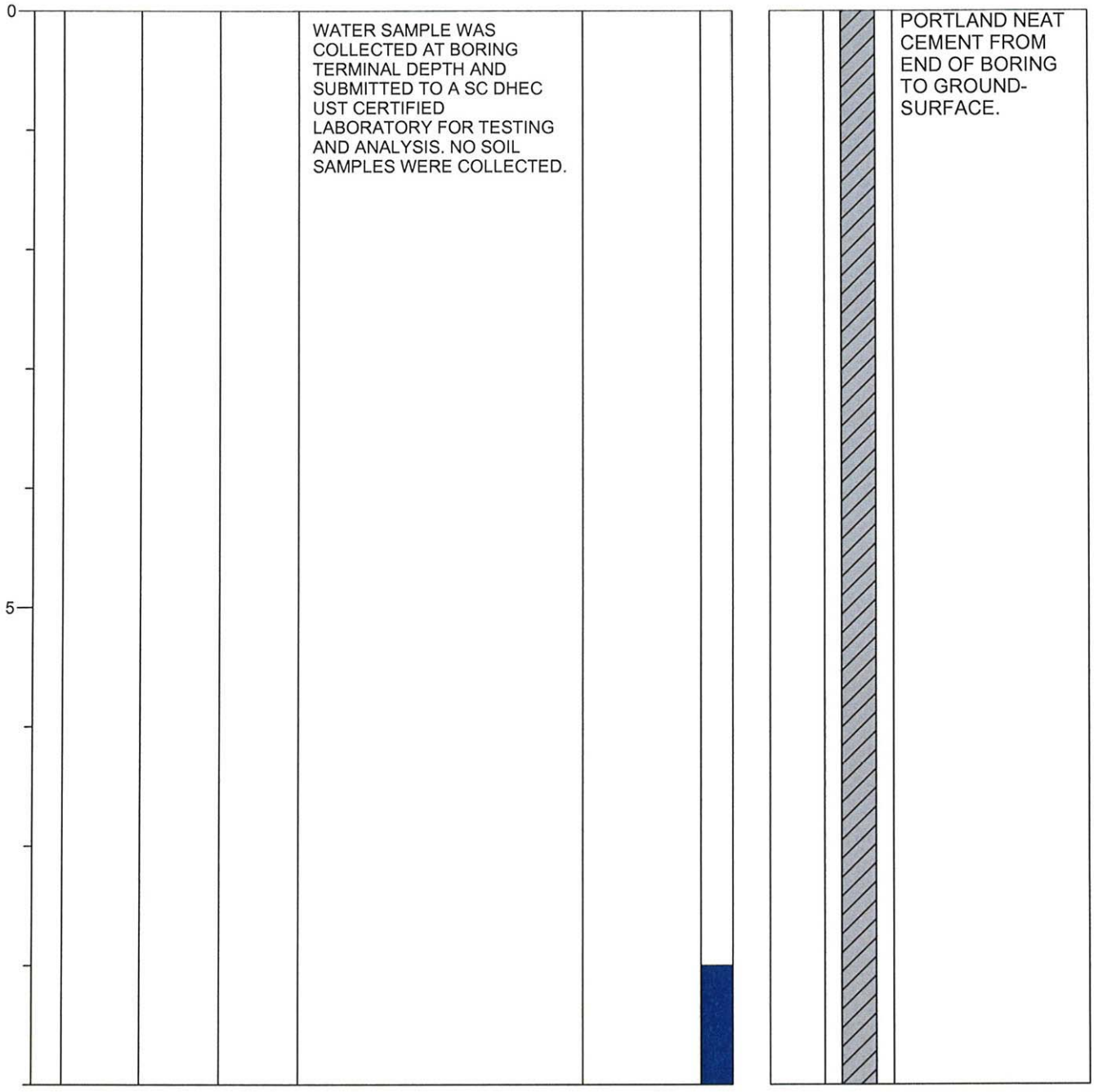
SOIL BORING LOG

SOIL BORING #: GP-6
TERRY PROJECT: F. LI'L CRICKET #339
PROJECT LOCATION: SENECA, SC
TERRY PROJECT #: 07303
SCDHEC SITE ID #: 2170E
CLIENT: LI'L CRICKET FOOD STORES

DRILLING COMPANY: GEOLOGIC EXPLORATION
DRILLER: DANNY SUMMERS (CERT #B01430)
FIELD PERSONNEL: L.O.
START DATE: 12/10/10 FINISH DATE: 12/10/10

TERMINATION DEPTH: 9 FT BGS
WATER LEVEL: EST 8FT BGS
ABANDONMENT METHOD: NEAT CEMENT
SAMPLE RETRIEVED: AT 9 FT BGS

Depth Scale	Soil Sample	Odor	PID/OVA	Moisture Content	Lithology	Water Level	BORING ABANDONMENT
					SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.		



Total Depth = 9 FT BGS

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SOIL BORING LOG

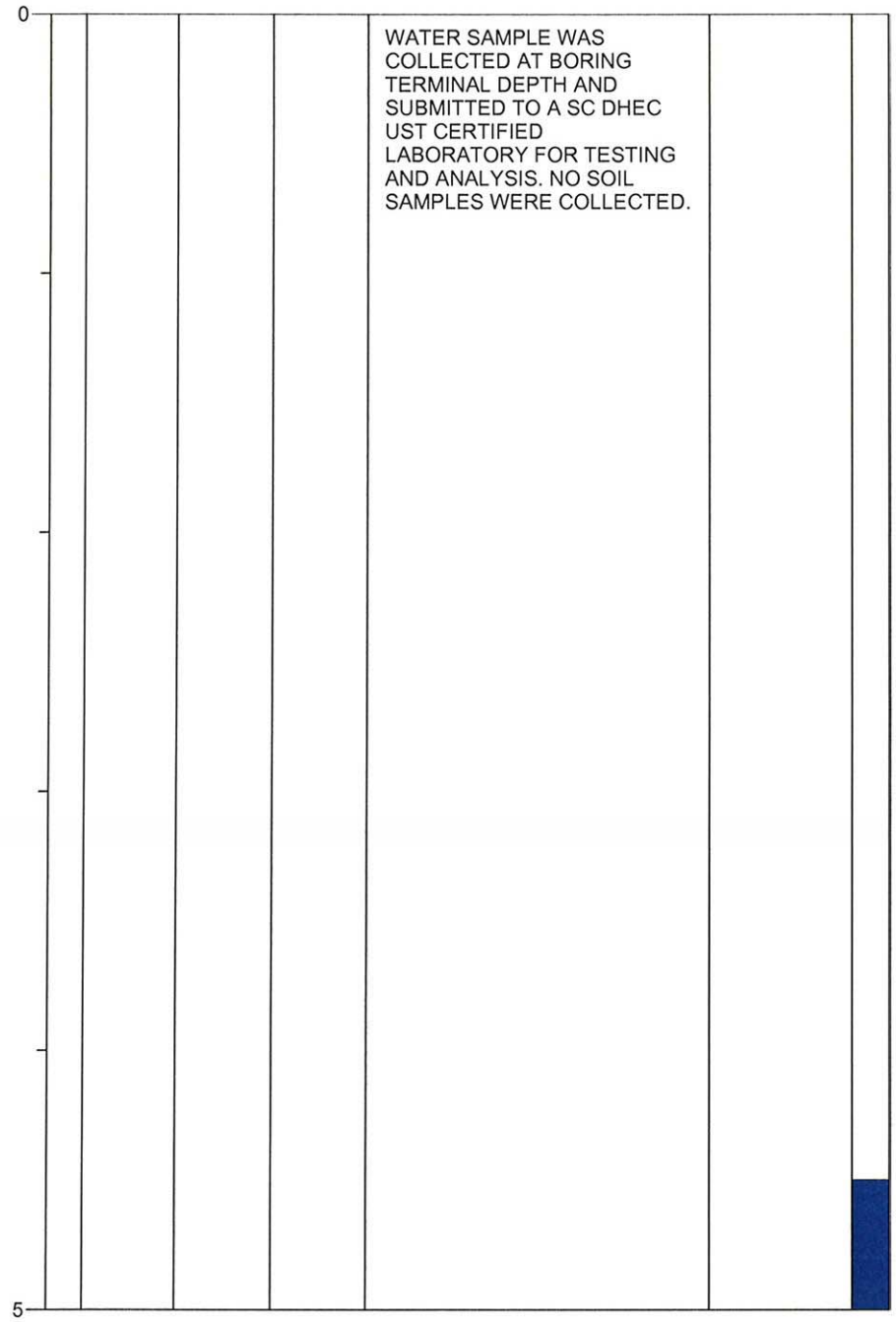
SOIL BORING #: GP-7
TERRY PROJECT: F. LI'L CRICKET #339
PROJECT LOCATION: SENECA, SC
TERRY PROJECT #: 07303
SCDHEC SITE ID #: 2170E
CLIENT: LI'L CRICKET FOOD STORES

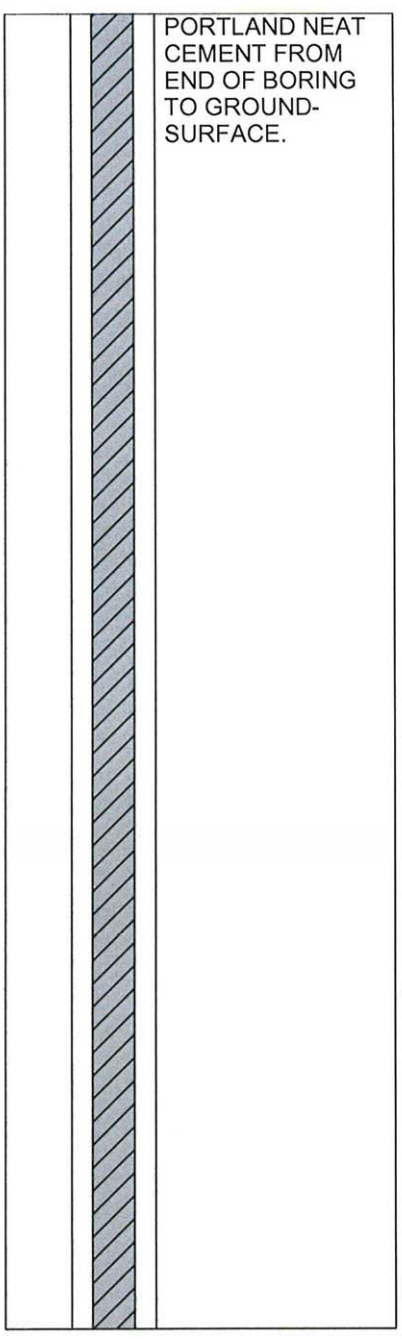
DRILLING COMPANY: GEOLOGIC EXPLORATION
DRILLER: DANNY SUMMERS (CERT #B01430)
FIELD PERSONNEL: L.O.
START DATE: 12/10/10 FINISH DATE: 12/10/10

TERMINATION DEPTH: 5 FT BGS
WATER LEVEL: EST 4.5 FT BGS
ABANDONMENT METHOD: NEAT CEMENT
SAMPLE RETRIEVED: AT 5 FT BGS

Depth Scale	Soil Sample	Odor	PID/OVA	Moisture Content	Lithology	Water Level	BORING ABANDONMENT
0					WATER SAMPLE WAS COLLECTED AT BORING TERMINAL DEPTH AND SUBMITTED TO A SC DHEC UST CERTIFIED LABORATORY FOR TESTING AND ANALYSIS. NO SOIL SAMPLES WERE COLLECTED.		PORTLAND NEAT CEMENT FROM END OF BORING TO GROUND-SURFACE.
5							

SAND: color, moisture, gradation, grain size, fines content, additional comments.
CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.





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SOIL BORING LOG

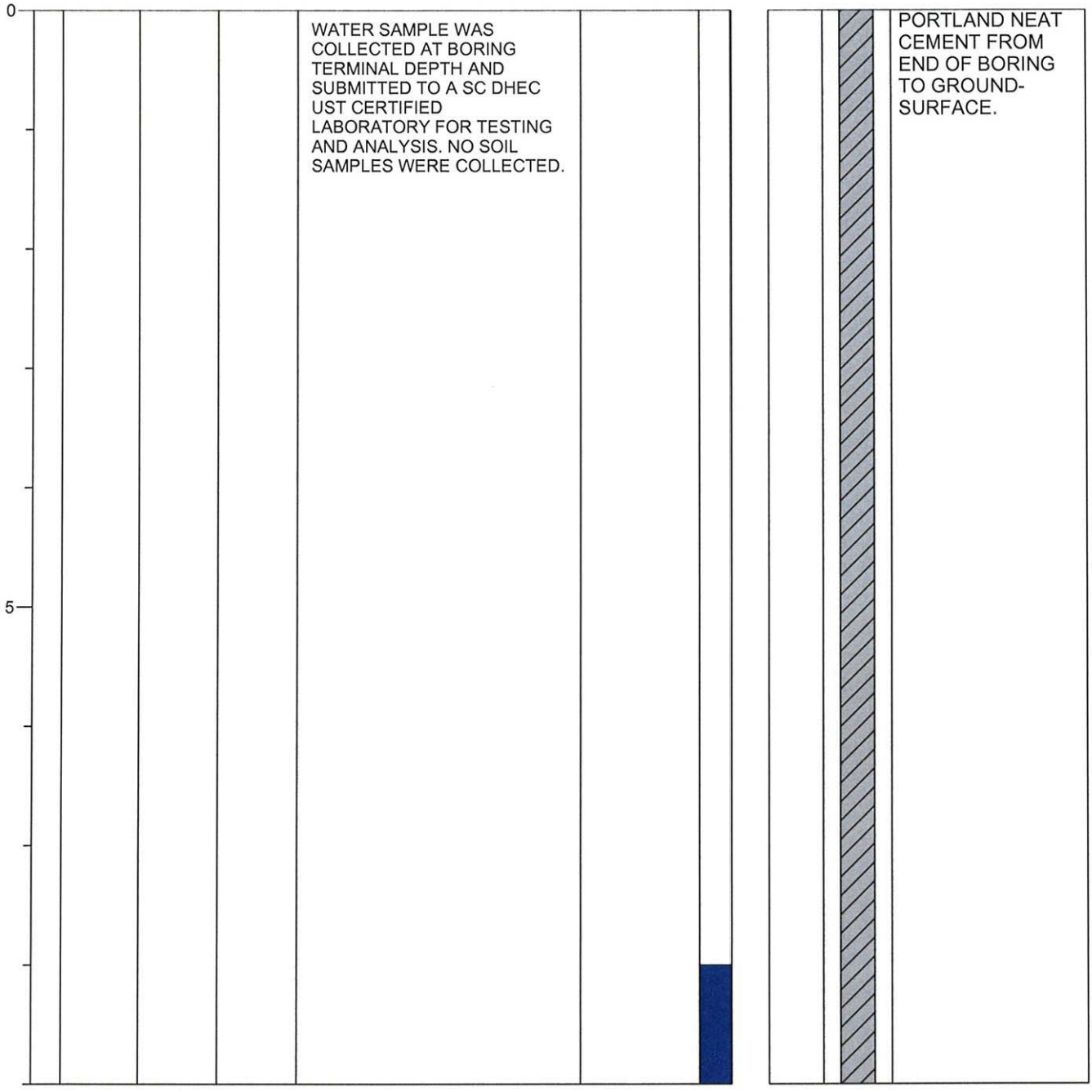
SOIL BORING #: GP-8
TERRY PROJECT: F. LI'L CRICKET #339
PROJECT LOCATION: SENECA, SC
TERRY PROJECT #: 07303
SCDHEC SITE ID #: 2170E
CLIENT: LI'L CRICKET FOOD STORES

DRILLING COMPANY: GEOLOGIC EXPLORATION
DRILLER: DANNY SUMMERS (CERT #B01430)
FIELD PERSONNEL: L.O.
START DATE: 12/10/10 FINISH DATE: 12/10/10

TERMINATION DEPTH: 9 FT BGS
WATER LEVEL: EST 8 FT BGS
ABANDONMENT METHOD: NEAT CEMENT
SAMPLE RETRIEVED: AT 9 FT BGS

Depth Scale	Soil Sample	Odor	PID/OVA	Moisture Content	Lithology	Water Level	BORING ABANDONMENT
0					WATER SAMPLE WAS COLLECTED AT BORING TERMINAL DEPTH AND SUBMITTED TO A SC DHEC UST CERTIFIED LABORATORY FOR TESTING AND ANALYSIS. NO SOIL SAMPLES WERE COLLECTED.		PORTLAND NEAT CEMENT FROM END OF BORING TO GROUND-SURFACE.
5							

SAND: color, moisture, gradation, grain size, fines content, additional comments.
CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.



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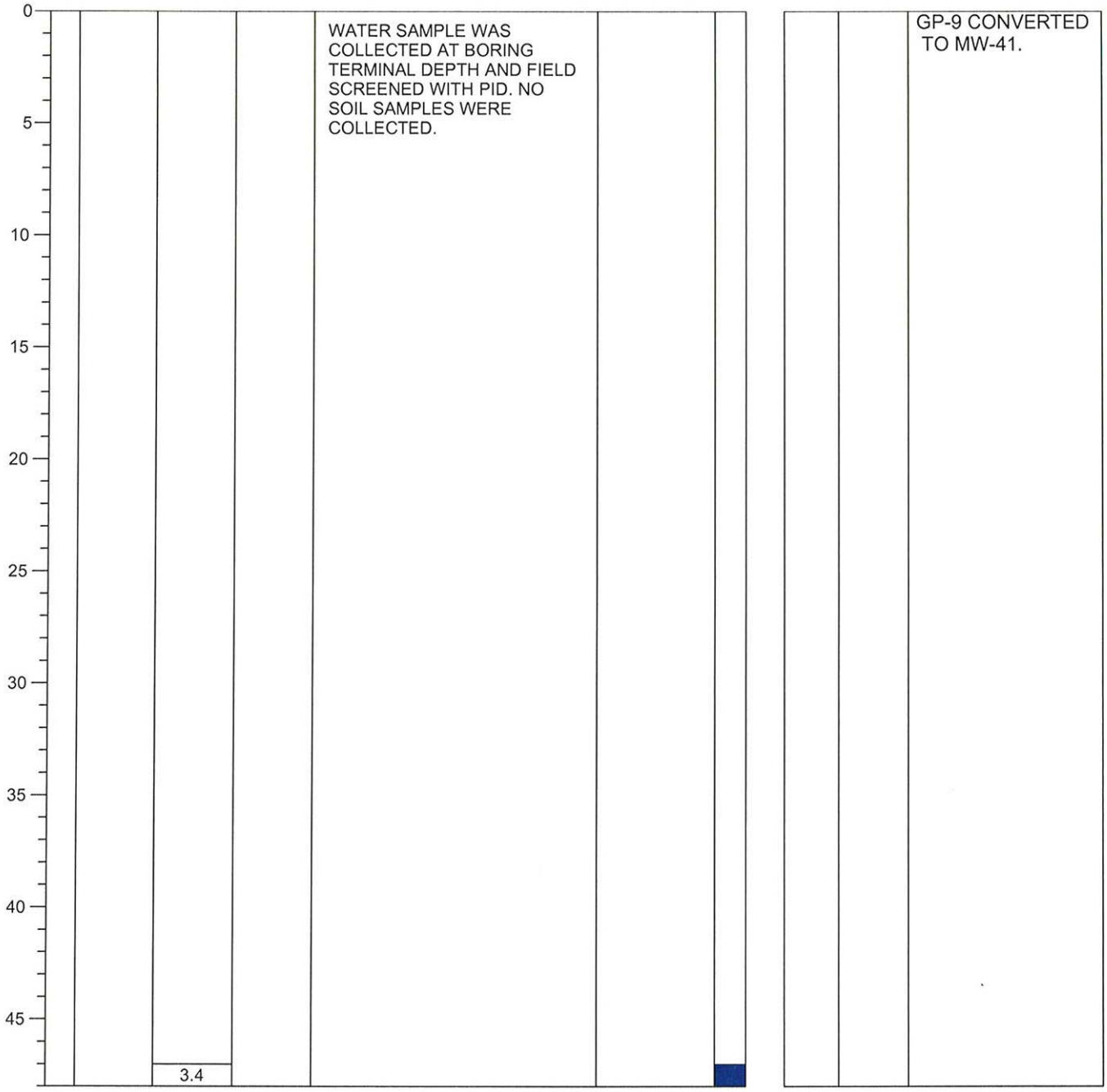
SOIL BORING LOG

SOIL BORING #: GP-9
TERRY PROJECT: F. LI'L CRICKET #339
PROJECT LOCATION: SENECA, SC
TERRY PROJECT #: 07303
SCDHEC SITE ID #: 2170E
CLIENT: LI'L CRICKET FOOD STORES

DRILLING COMPANY: GEOLOGIC EXPLORATION
DRILLER: JOHNNY BURR (CERT #D1740)
FIELD PERSONNEL: L.O.
START DATE: 3/23/11 FINISH DATE: 3/23/11

TERMINATION DEPTH: 48 FT BGS
WATER LEVEL: EST 47 FT BGS
ABANDONMENT METHOD: N/A
SAMPLE RETRIEVED: AT 48 FT BGS

Depth Scale	Soil Sample	Odor	PID/OVA	Moisture Content	Lithology	Water Level	BORING ABANDONMENT
					SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.		



Total Depth = 48 FT BGS

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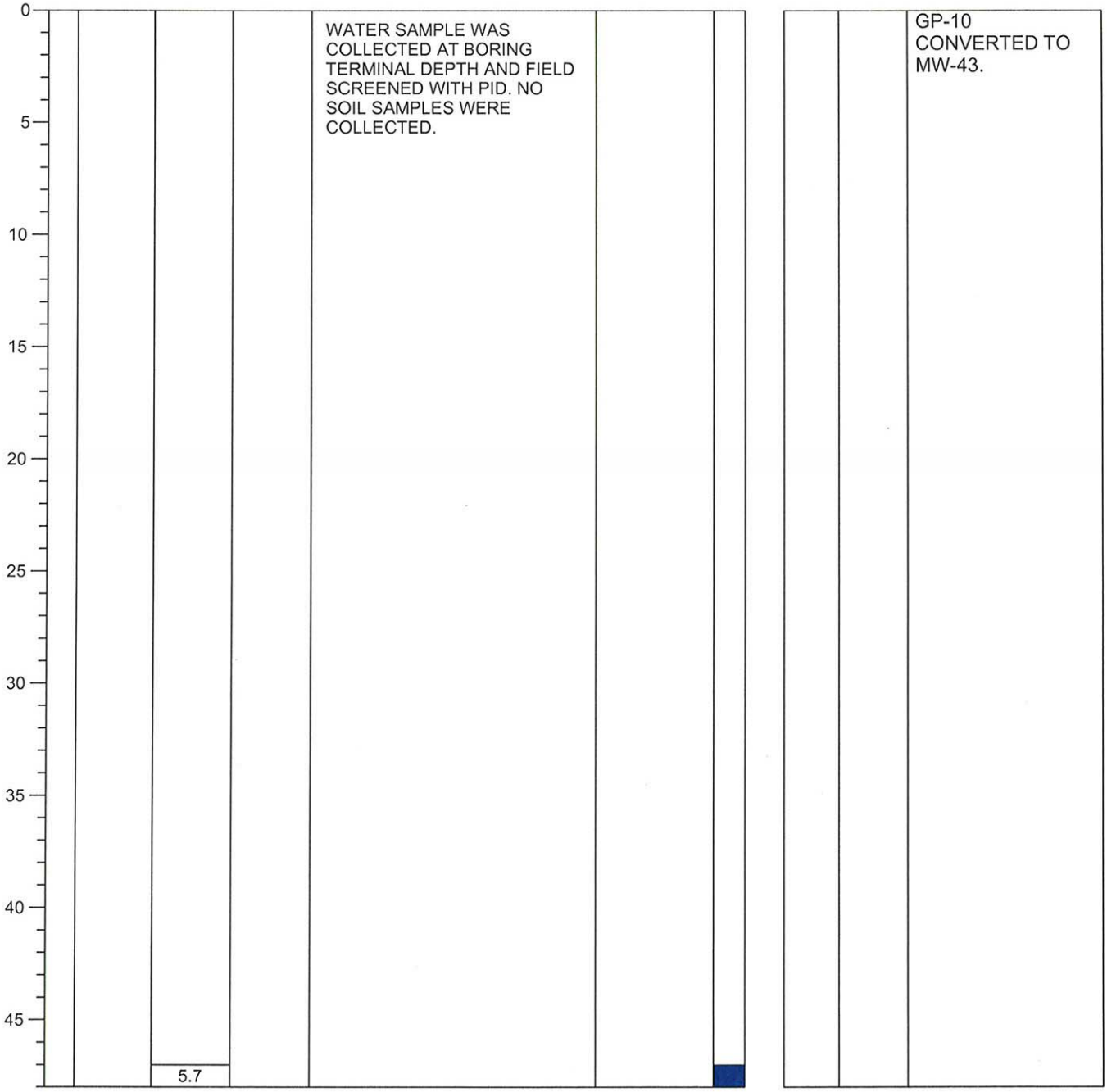
SOIL BORING LOG

SOIL BORING #: GP-10
TERRY PROJECT: F. LI'L CRICKET #339
PROJECT LOCATION: SENECA, SC
TERRY PROJECT #: 07303
SCDHEC SITE ID #: 2170E
CLIENT: LI'L CRICKET FOOD STORES

DRILLING COMPANY: GEOLOGIC EXPLORATION
DRILLER: JOHNNY BURR (CERT #D1740)
FIELD PERSONNEL: L.O.
START DATE: 3/23/11 FINISH DATE: 3/23/11

TERMINATION DEPTH: 48 FT BGS
WATER LEVEL: EST 47 FT BGS
ABANDONMENT METHOD: N/A
SAMPLE RETRIEVED: AT 48 FT BGS

Depth Scale	Soil Sample	Odor	PID/OVA	Moisture Content	Lithology	Water Level	BORING ABANDONMENT
					SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.		



APPENDIX 6

Well Construction Logs

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WELL LOG

MONITORING WELL #: MW-39
TERRY PROJECT: F. LI'L CRICKET #339
PROJECT LOCATION: SENECA, SC

TERRY PROJECT #: 2170E
SCDHEC SITE ID #: 07303
CLIENT: Li'l CRICKET FOOD STORES
FIELD PERSONNEL: L.O., K.L.
START DATE: 2/24/11 FINISH DATE: 2/24/11
DRILLING COMPANY: GEOLOGIC EXPLORATION
DRILLER: VINCE FEDERLE (CERT #1930)
DRILLING METHOD: SOLID FLIGHT AUGER

HOLE DIAMETER: 4.25"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 149.78
WATER LEVEL: 48.39 FT TOC
EASTING: 498.3254
NORTHING: 1294.7734
DEVELOPMENT: PUMPING/SURGING

Casing Interval 0-42 FT BGS Bentonite Interval 38-40 FT BGS Filter Interval 40-52 FT BGS
Screen Interval 42-52 FT BGS Grout Interval 0-38 FT BGS Filter Material SAND

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology	Water Level	Well Construction
0	1		N/A	2	TOPSOIL: Topsoil		WELLCAP
	1		4.7	2	CLAYEY SILT: Red brown clayey silt, some medium to coarse grained sand, little gravel, low density, low plasticity, trace mica		
5	1		N/A	2			GROUTED ANNULUS
	1		24.6	2	CLAYEY SILT: Red brown clayey silt, some medium to coarse grained sand, low density, low plasticity, trace mica		
10	1		N/A	2			SCH 40 PVC CASING
	1		30.8	2	CLAYEY SILT: Brown clayey silt, little medium to coarse grained sand, little gravel, low density, low plasticity, trace mica		
15	1		N/A	2			
	1		39.0	2	CLAYEY SILT: Gold micaceous clayey silt, low density, low plasticity		
20	1		N/A	2			
	1		45.7	2			
25	1		N/A	2			
	1		53.3	2			
30	1		N/A	2-3	CLAYEY SILT: Gold micaceous clayey silt, low density, medium plasticity		
	1		59.8	2-3			
35	1		N/A	2-3			
	1		67.4	2-3			BENTONITE
40	1		N/A	2-3			
							GRAVEL PACK
45							
	1		N/A	3			SCH 40 WELLSCREEN
50							

Total Depth = 52 FT BGS

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WELL LOG

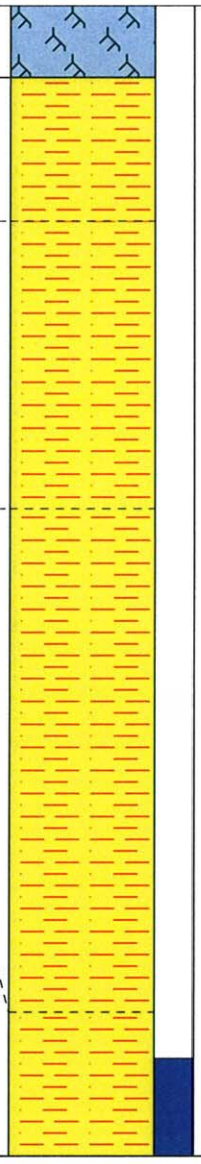
MONITORING WELL #: MW-40
TERRY PROJECT: F. LI'L CRICKET #339
PROJECT LOCATION: SENECA, SC

TERRY PROJECT #: 2170E
SCDHEC SITE ID #: 07303
CLIENT: Li'l CRICKET FOOD STORES
FIELD PERSONNEL: L.O., K.L.
START DATE: 2/24/11 FINISH DATE: 2/24/11
DRILLING COMPANY: GEOLOGIC EXPLORATION
DRILLER: VINCE FEDERLE (CERT #1930)
DRILLING METHOD: SOLID FLIGHT AUGER

HOLE DIAMETER: 4.25"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 132.33
WATER LEVEL: 14.64 FT TOC
EASTING: 157.0032
NORTHING: 1130.0546
DEVELOPMENT: PUMPING/SURGING

Casing Interval 0-6 FT BGS | Bentonite Interval 2-4 FT BGS | Filter Interval 4-16 FT BGS
Screen Interval 6-16 FT BGS | Grout Interval 0-2 FT BGS | Filter Material SAND

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology (SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.)	Water Level	Well Construction
0		1	N/A	2-3	TOPSOIL: Topsoil		WELLCAP
					CLAYEY SILT: Red brown clayey silt, little medium grained sand, low density, medium plasticity, trace mica		GROUTED ANNULUS
					CLAYEY SILT: Orange brown clayey silt, little medium grained sand, low density, medium plasticity, trace mica		BENTONITE
5		1	0.7	2			
		1	N/A	2			SCH 40 PVC CASING
					CLAYEY SILT: Orange brown clayey silt, trace fine grained sand, medium density, low plasticity, trace mica		
		1	2.3	2			GRAVEL PACK
10		1	N/A	2			
					CLAYEY SILT: Brown micaceous clayey silt, trace fine grained sand, medium density, low plasticity		SCH 40 WELLSCREEN
15					Refusal at terminal depth, bedrock		



Total Depth = 16 FT BGS

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WELL LOG

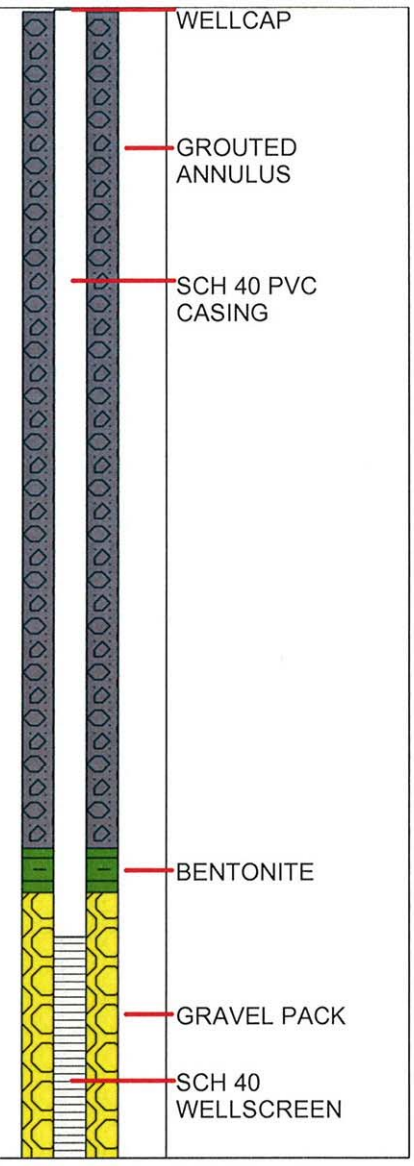
MONITORING WELL #: MW-41
TERRY PROJECT: F. LI'L CRICKET #339
PROJECT LOCATION: SENECA, SC

TERRY PROJECT #: 2170E
SCDHEC SITE ID #: 07303
CLIENT: Li'l CRICKET FOOD STORES
FIELD PERSONNEL: L.O.
START DATE: 3/23/11 FINISH DATE: 3/23/11
DRILLING COMPANY: GEOLOGIC EXPLORATION
DRILLER: JOHNNY BURR (CERT #D1740)
DRILLING METHOD: HOLLOW STEM AUGER

HOLE DIAMETER: 8"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 147.24
WATER LEVEL: 46.40 FT TOC
EASTING: 574.169
NORTHING: 1354.4264
DEVELOPMENT: PUMPING/SURGING

Casing Interval 0-42 FT BGS Bentonite Interval 38-40 FT BGS Filter Interval 40-52 FT BGS
Screen Interval 42-52 FT BGS Grout Interval 0-38 FT BGS Filter Material SAND

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology	Water Level
0	1	1	N/A	2	TOPSOIL: Topsoil	
5	1	1	0.2	2	CLAYEY SILT: Red orange clayey silt, some medium to coarse grained sand, low density, medium plasticity, trace mica	
		1	N/A	2		
10	1	1	0.6	2	CLAYEY SILT: Orange clayey silt, some medium to coarse grained sand, medium density, low plasticity, trace mica	
		1	N/A	2		
15	1	1	1.7	2	CLAYEY SILT: Brown red clayey silt, medium-high density, low plasticity, trace mica	
		1	N/A	2		
20	1	1	3.4	2	SILT: Gold micaceous silt, some clay, little medium grained sand, medium density, medium plasticity	
		1	N/A	2		
25	1	1	5.4	2	SILT: Red gold micaceous silt, some clay, little medium grained sand, medium density, medium plasticity	
		1	N/A	2		
30	1	1	6.1	2		
		1	N/A	2		
35	1	1	6.3	2	SILT: Gold brown micaceous silt, some clay, little medium grained sand, medium density, medium plasticity	
		1	N/A	2-3		
40	1	1	7.4	2-3		
		1	N/A	2-3		
45	1	1	9.1	2-3		
		1	N/A	3		
50						



Total Depth = 52 FT BGS

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WELL LOG

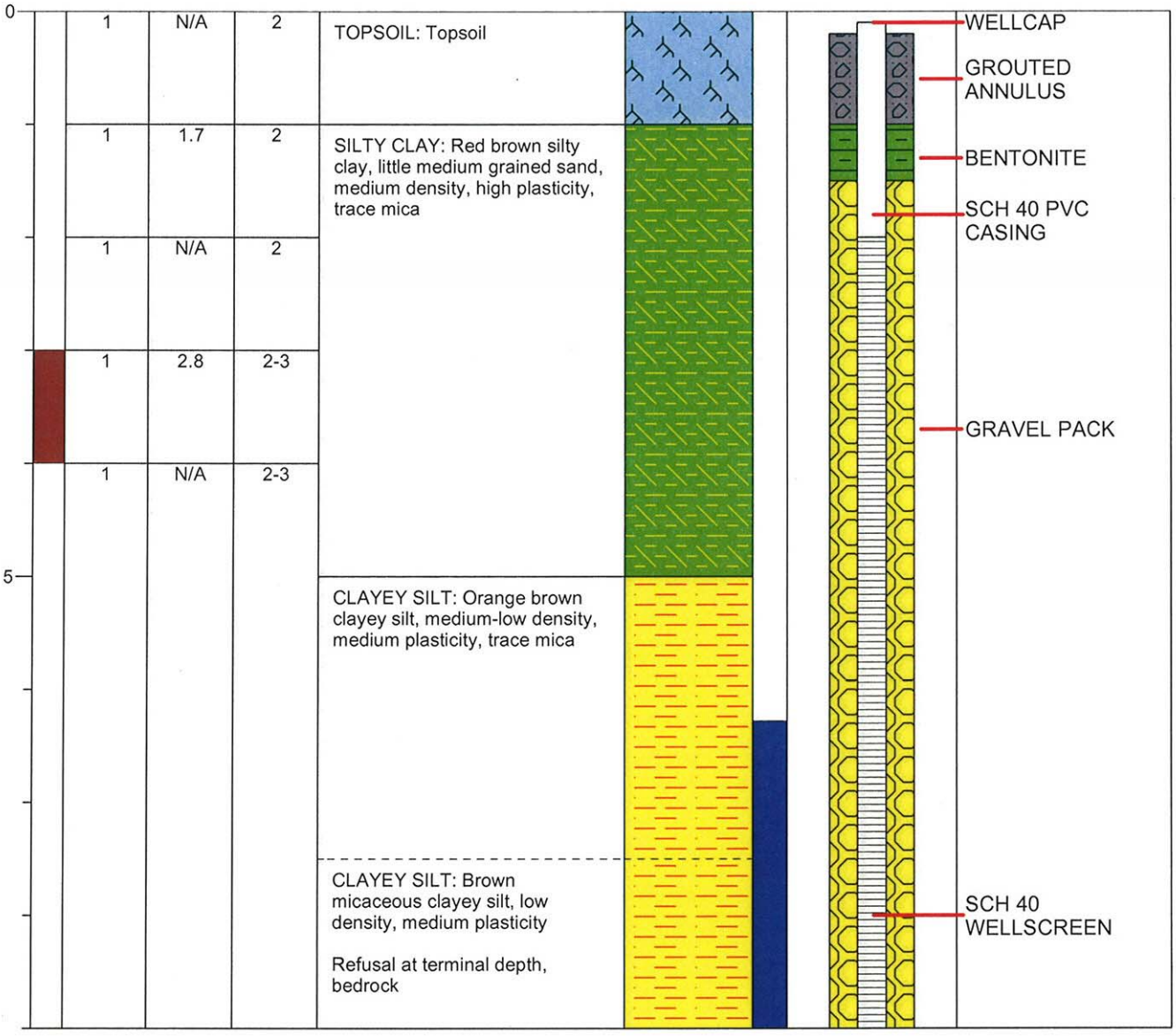
MONITORING WELL #: MW-42
TERRY PROJECT: F. LI'L CRICKET #339
PROJECT LOCATION: SENECA, SC

TERRY PROJECT #: 2170E
SCDHEC SITE ID #: 07303
CLIENT: Li'l CRICKET FOOD STORES
FIELD PERSONNEL: L.O., K.L.
START DATE: 2/24/11 FINISH DATE: 2/24/11
DRILLING COMPANY: GEOLOGIC EXPLORATION
DRILLER: VINCE FEDERLE (CERT #1930)
DRILLING METHOD: SOLID FLIGHT AUGER

HOLE DIAMETER: 4.25"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 112.87
WATER LEVEL: 6.28 FT TOC
EASTING: 147.5293
NORTHING: 1330.4964
DEVELOPMENT: PUMPING/SURGING

Casing Interval 0-2 FT BGS | Bentonite Interval 1-1.5 FT BGS | Filter Interval 1.5-9 FT BGS
Screen Interval 2-9 FT BGS | Grout Interval 0-1 FT BGS | Filter Material SAND

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology	Water Level	Well Construction
0		1	N/A	2	TOPSOIL: Topsoil		WELLCAP; GROUTED ANNULUS
		1	1.7	2	SILTY CLAY: Red brown silty clay, little medium grained sand, medium density, high plasticity, trace mica		BENTONITE; SCH 40 PVC CASING
		1	N/A	2			
		1	2.8	2-3			GRAVEL PACK
		1	N/A	2-3			
5					CLAYEY SILT: Orange brown clayey silt, medium-low density, medium plasticity, trace mica		
					CLAYEY SILT: Brown micaceous clayey silt, low density, medium plasticity Refusal at terminal depth, bedrock		SCH 40 WELLSCREEN



Total Depth = 9 FT BGS

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WELL LOG

MONITORING WELL #: MW-43
TERRY PROJECT: F. LI'L CRICKET #339
PROJECT LOCATION: SENECA, SC

TERRY PROJECT #: 2170E
SCDHEC SITE ID #: 07303
CLIENT: Li'l CRICKET FOOD STORES
FIELD PERSONNEL: L.O.
START DATE: 3/23/11 FINISH DATE: 3/23/11
DRILLING COMPANY: GEOLOGIC EXPLORATION
DRILLER: JOHNNY BURR (CERT #D1740)
DRILLING METHOD: HOLLOW STEM AUGER

HOLE DIAMETER: 8"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 144.35
WATER LEVEL: 43.89 FT TOC
EASTING: 668.2118
NORTHING: 1396.2622
DEVELOPMENT: PUMPING/SURGING

Casing Interval 0-40 FT BGS Bentonite Interval 36-38 FT BGS Filter Interval 38-50 FT BGS
Screen Interval 40-50 FT BGS Grout Interval 0-36 FT BGS Filter Material SAND

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology	Water Level	Well Construction
0	1	1	N/A	2	TOPSOIL: Topsoil		WELLCAP
		1	0.1	2	CLAYEY SILT: Orange brown clayey silt, some medium to coarse grained sand, low density, medium plasticity, trace mica		
5		1	N/A	2			GROUTED ANNULUS
		1	0.1	2	CLAYEY SILT: Brown red clayey silt, medium-high density, low plasticity, trace mica		
10		1	N/A	2			SCH 40 PVC CASING
		1	1.0	2	SILT: Gold micaceous silt, some clay, little medium grained sand, medium density, medium plasticity		
15		1	N/A	2			
		1	0.8	2	SILT: Red gold micaceous silt, some clay, little medium grained sand, medium density, medium plasticity		
20		1	N/A	2			
		1	1.6	2			
25		1	N/A	2			
		1	2.5	2			
30		1	N/A	2-3	SILT: Gold brown micaceous silt, some clay, little medium grained sand, medium density, medium plasticity		
		1	2.2	2-3			
35		1	N/A	2-3			BENTONITE
		1	3.8	2-3			
40		1	N/A	2-3			
		1	N/A	3			GRAVEL PACK
45							SCH 40 WELLSCREEN
50							

Total Depth = 50 FT BGS

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE. PROTECT. PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET CONVENIENCE STORE (last) (first)
Address: PO BOX 4451
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: FMR LITTLE CRICKET - 339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from ____ ft. to ____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
TOPSOIL	1.0	1.0
BROWN SILTY CLAY	51.0	52.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-39 BENTONITE SEAL FROM 38.0 TO 40.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other AUGER

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 52.0 ft. Date Started: 02/24/11 Date Completed: 02/24/11

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 42.0 ft. depth
____ in. to ____ ft. depth
Height: Above ☑ Below ☐
Surface 3.0 ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 10.0 FEET
Set Between: 42.0 ft. and 52.0 ft.
____ ft. and ____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 46.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
____ ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 40.0 ft. to 52.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From 0.0 ft. to 38.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type ____
Well Disinfected ☐ Yes ☐ No Type: ____ Amount: ____

18. PUMP: Date installed: ____ ☐ Not installed
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: VINCE FEDERLE CERT. NO.: 01930
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.
Signed: Vincent R. Federle Date: 02/28/11
Well Driller

If D Level Driller, provide supervising driller's name:
MARK GETTYS

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET CONVENIENCE STORE (last) (first)
Address: PO BOX 4451
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: FMR LITTLE CRICKET - 339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
TOPSOIL	1.0	1.0
BROWN SILTY CLAY	15.0	16.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-40 BENTONITE SEAL FROM 2.0 TO 4.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other AUGER

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 16.0 ft. Date Started: 02/24/11 Date Completed: 02/24/11

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 6.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 10.0 FEET
Set Between: 6.0 ft. and 16.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 11.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 4.0 ft. to 16.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 2.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: VINCE FEDERLE **CERT. NO.:** 01930
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Vincent R. Federle Well Driller Date: 02/28/11

If D Level Driller, provide supervising driller's name:
MARK GETTYS

DHEC 1903 (07/2003)

COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET CONVENIENCE STORE (last) (first)
Address: PO BOX 4451
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: FMR LITTLE CRICKET - 339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
RED/ORANGE SANDY CLAY	10.0	10.0
RED/ORANGE/BROWN SANDY CLAY	15.0	25.0
TAN SILT	27.0	52.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-41 BENTONITE SEAL FROM 38.0 TO 40.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other AUGER

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 52.0 ft. Date Started: 03/23/11 Date Completed: 03/23/11

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 42.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 10.0 FEET
Set Between: 42.0 ft. and 52.0 ft. NOTE: MULTIPLE SCREENS
_____ ft. and _____ ft. USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 45.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 40.0 ft. to 52.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 38.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JOHNNY BURR **CERT. NO.:** 01740
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed Johnny Burr (Well Driller) Date: 03/29/11

If D Level Driller, provide supervising driller's name:
MARK GETTYS

DHEC 1903 (07/2003)

COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET CONVENIENCE STORE (last) (first)
Address: PO BOX 4451
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: FMR LITTLE CRICKET - 339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from ____ ft. to ____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
TOPSOIL	1.0	1.0
BROWN SILTY CLAY	8.0	9.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-42 BENTONITE SEAL FROM 1.0 TO 1.5 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other AUGER

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 02/24/11
9.0 ft. Date Completed: 02/24/11

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 2.0 ft. depth
____ in. to ____ ft. depth
Height: Above ☑ Below ☐
Surface 3.0 ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 7.0 FEET
Set Between: 2.0 ft. and 9.0 ft.
____ ft. and ____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 8.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
____ ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 1.5 ft. to 9.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From 0.0 ft. to 1.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type ____
Well Disinfected ☐ Yes ☐ No Type: ____ Amount: ____

18. PUMP: Date installed: ____ Not installed ☐
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: VINCE FEDERLE **CERT. NO.:** 01930
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.
Signed: Vincent R. Federle Well Driller Date: 02/28/11

If D Level Driller, provide supervising driller's name:
MARK GETTYS

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET CONVENIENCE STORE (last) (first)
Address: PO BOX 4451
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: FMR LITTLE CRICKET - 339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from ____ ft. to ____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
RED/ORANGE SANDY CLAY	10.0	10.0
RED/ORANGE/BROWN SANDY CLAY	15.0	25.0
TAN SILT	25.0	50.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-43 BENTONITE SEAL FROM 36.0 TO 38.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other AUGER

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 03/23/11
50.0 ft. Date Completed: 03/23/11

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 40.0 ft. depth
____ in. to ____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 10.0 FEET
Set Between: 40.0 ft. and 50.0 ft.
____ ft. and ____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 45.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
____ ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 38.0 ft. to 50.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From 0.0 ft. to 36.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type ____
Well Disinfected ☐ Yes ☐ No Type: ____ Amount: ____

18. PUMP: Date installed: ____ Not installed ☐
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JOHNNY BURR **CERT. NO.:** 01740
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Johnny Burr (Well Driller) Date: 03/29/11

If D Level Driller, provide supervising driller's name:
MARK GETTYS

DHEC 1903 (07/2003)

COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

APPENDIX 7

Soil Analytical Data

ACCESS ANALYTICAL, INC.

ANALYTICAL REPORT

CLIENT

Terry Environmental
PO Box 25
Summerville SC 29484

ATTENTION
Randy Brand

PROJECT ID
2170E Li'l Cricket #339

LABORATORY REPORT NUMBER
1102M57

DATE
March 07, 2011

Primary Data Review By

Brian Rohr
Project Manager, AES

Secondary Data Review By

Ashley Amick
Project Manager, Access Analytical
aamick@axs-inc.com

PLEASE NOTE:

- **Unless otherwise noted, all analysis on this report performed at Analytical Environmental Services Inc. (AES Inc), 3785 Presidential Parkway, Atlanta, GA 30340.**
- **AES is SCDHEC certified laboratory # 98016, NCDENR certified lab # 562, GA certified lab # FL-E87582, NELAP certified laboratory # E87582**
- Local support services for this project are provided by Access Analytical, Inc. Access Analytical is a representative of AES serving client in the SC/NC/GA areas. All questions regarding this report should be directed to your local Access Analytical representative at 803.781.4243 or toll fee at 883.315.4243

Access Analytical - Chain of Custody Record

LAB USE ONLY

Sales Order # _____ **PO #** _____ **Access Quote #** _____

Project Work Order # 1102M57

Laboratory ID: AES

Company Name: Terry Environmental

Report To: Randy Brand

Address: PO Box 25

City: Summerville State: SC Zip: 29484

Phone: 843-873-8200 Fax:

Email: rbrand@terryenvirohmental.com

Project ID: 2170E Limerick #339

Sampled By: KC

Sample ID/Description	Date Collected	Time Collected	Type: (grab or composite)	Matrix (see codes)	Preservative Area (see codes)	TOTAL # of containers	Preservative: (*see codes)	Container Type: (*see codes)	REQUESTED LAB ANALYSES: BTEX, Naph, MTBE
MW-39	2/24/11	2045	G	S	SHW	4	G	G	4
MW-40	2/24/11	2025	G	S	SHW	4	G	G	4
MW-42	2/24/11	2035	G	S	SHW	4	G	G	4

ACCESS ANALYTICAL, INC.

7478 Carlisle Street
Irmo, SC 29063

Phone: (803) 781-4243
Fax: 781-4303

www.axs-inc.com

*Preservative Codes (place corresponding # in block above analysis field): 0 = None, 1 = HCL, 2 = HNO3, 3 = H2SO4, 4 = NaOH, 5 = Na2S2O3, 6 = Method 5035 set w/ NaHSO4, 7 = NaOH/ZnOAC, 8 = H3PO4

*Matrix Codes (place corresponding code in matrix column): GW = ground water, WW = waste water, DW = drinking water, S = soil, SL = sludge, A = air, IW = industrial water, WO = waste oil, OT = other (specify in comments section)

*Program Area Codes: CWA = Clean Water Act (for wastewaters), SDWA = Safe Drinking Water Act (for drinking waters), SHW = Solid and Hazardous Wastes (for soils, ground waters and waste samples)

*Container Type: G = Glass, P = Plastic

NOTES / COMMENTS

(if sample is a composite please use space below to note start/finish times & dates)

Turnaround Time:

- ✓ Standard
- ___ RUSH*

*Date Required: 3/8/11

(For rush work, results emailed/faxed by end of business day on date required)

Project Location:

- ___ SC
- ___ NC
- ___ Other

(specify) _____

Relinquished By:	Received By:	Date (mm-dd-yy)	Time (24HR)	Sample Temp. Upon Receipt (°C):	
		2/25/11	1725	3.0 (°C)	___ (N/A)
	FEDEX	2/25/11	1745	___ (°C)	✓ (N/A)
FEDEX	Mark A	2.26.11	1215	___ (°C)	___ (N/A)
				___ (°C)	___ (N/A)

See Reverse for Terms and Conditions

Original Copy - Returned w/Report
Yellow Copy - Access File Copy
Pink Copy - Client Copy

Analytical Environmental Services, Inc **Date:** 7-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-39
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 8:45:00 PM
Lab ID:	1102M57-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5035)								
Benzene	BRL	5.1		ug/Kg-dry	143056	1	03/04/2011 23:23	JE
Toluene	BRL	5.1		ug/Kg-dry	143056	1	03/04/2011 23:23	JE
Ethylbenzene	BRL	5.1		ug/Kg-dry	143056	1	03/04/2011 23:23	JE
Xylenes, Total	BRL	5.1		ug/Kg-dry	143056	1	03/04/2011 23:23	JE
Naphthalene	BRL	5.1		ug/Kg-dry	143056	1	03/04/2011 23:23	JE
Methyl tert-butyl ether	BRL	5.1		ug/Kg-dry	143056	1	03/04/2011 23:23	JE
Surr: 4-Bromofluorobenzene	97.6	56-137		%REC	143056	1	03/04/2011 23:23	JE
Surr: Dibromofluoromethane	105	73.7-137		%REC	143056	1	03/04/2011 23:23	JE
Surr: Toluene-d8	95.8	69.2-126		%REC	143056	1	03/04/2011 23:23	JE
PERCENT MOISTURE D2216								
Percent Moisture	18.1	0		wt%	R191737	1	03/03/2011 15:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 7-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-40
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 8:25:00 PM
Lab ID:	1102M57-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5035)								
Benzene	BRL	4.6		ug/Kg-dry	143056	1	03/05/2011 00:14	JE
Toluene	BRL	4.6		ug/Kg-dry	143056	1	03/05/2011 00:14	JE
Ethylbenzene	BRL	4.6		ug/Kg-dry	143056	1	03/05/2011 00:14	JE
Xylenes, Total	BRL	4.6		ug/Kg-dry	143056	1	03/05/2011 00:14	JE
Naphthalene	BRL	4.6		ug/Kg-dry	143056	1	03/05/2011 00:14	JE
Methyl tert-butyl ether	BRL	4.6		ug/Kg-dry	143056	1	03/05/2011 00:14	JE
Surr: 4-Bromofluorobenzene	96.4	56-137		%REC	143056	1	03/05/2011 00:14	JE
Surr: Dibromofluoromethane	106	73.7-137		%REC	143056	1	03/05/2011 00:14	JE
Surr: Toluene-d8	97.7	69.2-126		%REC	143056	1	03/05/2011 00:14	JE
PERCENT MOISTURE D2216								
Percent Moisture	20.9	0		wt%	R191737	1	03/03/2011 15:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 7-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-42
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 8:35:00 PM
Lab ID:	1102M57-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5035)								
Benzene	BRL	3.9		ug/Kg-dry	143056	1	03/04/2011 23:49	JE
Toluene	BRL	3.9		ug/Kg-dry	143056	1	03/04/2011 23:49	JE
Ethylbenzene	BRL	3.9		ug/Kg-dry	143056	1	03/04/2011 23:49	JE
Xylenes, Total	BRL	3.9		ug/Kg-dry	143056	1	03/04/2011 23:49	JE
Naphthalene	BRL	3.9		ug/Kg-dry	143056	1	03/04/2011 23:49	JE
Methyl tert-butyl ether	BRL	3.9		ug/Kg-dry	143056	1	03/04/2011 23:49	JE
Surr: 4-Bromofluorobenzene	96.2	56-137		%REC	143056	1	03/04/2011 23:49	JE
Surr: Dibromofluoromethane	104	73.7-137		%REC	143056	1	03/04/2011 23:49	JE
Surr: Toluene-d8	93.8	69.2-126		%REC	143056	1	03/04/2011 23:49	JE
PERCENT MOISTURE D2216								
Percent Moisture	17.8	0		wt%	R191737	1	03/03/2011 15:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Access Work Order Number 1102457

Checklist completed by [signature] 2/28/11
Signature Date

Carrier name: FedEx ✓ UPS __ Courier __ Client __ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (4°C±2)* Yes ✓ No __

Cooler #1 3.6°C Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted ✓ Yes __ No __

Water - pH acceptable upon receipt? Yes __ No __ Not Applicable ✓

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

\L\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample_Cooler_Receipt_Checklist

Analytical Environmental Services, Inc

Date: 7-Mar-11

Client: Terry Environmental
Project Name: 2170E Li'l Cricket #339
Workorder: 1102M57

ANALYTICAL QC SUMMARY REPORT

BatchID: 143056

Sample ID: **MB-143056** Client ID: Units: **ug/Kg** Prep Date: **03/04/2011** Run No: **191860**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **143056** Analysis Date: **03/04/2011** Seq No: **4002782**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	5.0	0	0	0	0	0	0	0	0	
Naphthalene	BRL	5.0	0	0	0	0	0	0	0	0	
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	
Xylenes, Total	BRL	5.0	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	47.26	0	50	0	94.5	56	137	0	0	0	
Surr: Dibromofluoromethane	49.36	0	50	0	98.7	73.7	137	0	0	0	
Surr: Toluene-d8	47.55	0	50	0	95.1	69.2	126	0	0	0	

Sample ID: **LCS-143056** Client ID: Units: **ug/Kg** Prep Date: **03/04/2011** Run No: **191860**
SampleType: **LCS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **143056** Analysis Date: **03/04/2011** Seq No: **4002785**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	53.05	5.0	50	0	106	70	130	0	0	0	
Ethylbenzene	55.04	5.0	50	0	110	70	130	0	0	0	
Naphthalene	54.97	5.0	50	0	110	70	130	0	0	0	
Toluene	53.39	5.0	50	0	107	70	130	0	0	0	
Surr: 4-Bromofluorobenzene	48.38	0	50	0	96.8	56	137	0	0	0	
Surr: Dibromofluoromethane	49.17	0	50	0	98.3	73.7	137	0	0	0	
Surr: Toluene-d8	49.80	0	50	0	99.6	69.2	126	0	0	0	

Sample ID: **1102M57-002AMS** Client ID: **MW-40** Units: **ug/Kg-dry** Prep Date: **03/04/2011** Run No: **191860**
SampleType: **MS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **143056** Analysis Date: **03/04/2011** Seq No: **4002788**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	67.20	6.3	63.2	0	106	67.4	144	0	0	0	
Ethylbenzene	71.33	6.3	63.2	0	113	70.6	139	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Analytical Environmental Services, Inc

Date: 7-Mar-11

Client: Terry Environmental
Project Name: 2170E Li'l Cricket #339
Workorder: 1102M57

ANALYTICAL QC SUMMARY REPORT

BatchID: 143056

Sample ID: **1102M57-002AMS**	Client ID: **MW-40**	Units: **ug/Kg-dry**	Prep Date: **03/04/2011**	Run No: **191860**
SampleType: **MS**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**	BatchID: **143056**	Analysis Date: **03/04/2011**	Seq No: **4002788**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Naphthalene	68.69	6.3	63.2	0	109	70	130	0	0	0	
Toluene	67.55	6.3	63.2	0	107	64.6	145	0	0	0	
Surr: 4-Bromofluorobenzene	63.39	0	63.2	0	100	56	137	0	0	0	
Surr: Dibromofluoromethane	62.31	0	63.2	0	98.6	73.7	137	0	0	0	
Surr: Toluene-d8	62.66	0	63.2	0	99.1	69.2	126	0	0	0	

Sample ID: **1102M57-002AMSD**	Client ID: **MW-40**	Units: **ug/Kg-dry**	Prep Date: **03/04/2011**	Run No: **191860**
SampleType: **MSD**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**	BatchID: **143056**	Analysis Date: **03/04/2011**	Seq No: **4002789**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	66.86	6.3	63.2	0	106	67.4	144	67.20	0.509	27.2	
Ethylbenzene	70.64	6.3	63.2	0	112	70.6	139	71.33	0.979	16.6	
Naphthalene	68.59	6.3	63.2	0	109	70	130	68.69	0.147	30	
Toluene	68.50	6.3	63.2	0	108	64.6	145	67.55	1.39	26.8	
Surr: 4-Bromofluorobenzene	62.70	0	63.2	0	99.2	56	137	63.39	0	0	
Surr: Dibromofluoromethane	61.17	0	63.2	0	96.8	73.7	137	62.31	0	0	
Surr: Toluene-d8	61.89	0	63.2	0	97.9	69.2	126	62.66	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

ACCESS ANALYTICAL, INC.

ANALYTICAL REPORT

CLIENT

Terry Environmental
PO Box 25
Summerville SC 29484

ATTENTION
Kelly Cone

PROJECT ID
F. Lil Cricket #339 2170E

LABORATORY REPORT NUMBER
1103M95

DATE
March 31, 2011

Primary Data Review By

Nicole Jessup

Project Manager, AES

Secondary Data Review By

Ashley Amick

Project Manager, Access Analytical
aamick@axs-inc.com

PLEASE NOTE:

- **Unless otherwise noted, all analysis on this report performed at Analytical Environmental Services Inc. (AES Inc), 3785 Presidential Parkway, Atlanta, GA 30340.**
- **AES is SCDHEC certified laboratory # 98016, NCDENR certified lab # 562, GA certified lab # FL-E87582, NELAP certified laboratory # E87582**
- Local support services for this project are provided by Access Analytical, Inc. Access Analytical is a representative of AES serving client in the SC/NC/GA areas. All questions regarding this report should be directed to your local Access Analytical representative at 803.781.4243 or toll fee at 883.315.4243

Access Analytical - Chain of Custody Record

LAB USE ONLY

Project Work Order #: _____ PO #: _____ Access Quote #: _____

LAB USE ONLY

Laboratory ID: 1103M95

Company Name: TERRY Environmental

Report To: Kelly Cone

Address: PO Box 25

City: Summerville State: SC Zip: 29483

Phone: 843-873-8200 Fax:

Email: KCone@Terryenvironmental.com

Project ID: F. 1:1 cricket #339 2170E

Sampled By: LO

Sample ID/Description	Date Collected:	Time Collected:	Type: (grab or composite)	Matrix: (see codes)	Program Area (see codes)	TOTAL # of containers	# of containers collected per analysis	↓ REQUESTED LAB ANALYSIS: ↓ BTEX, Naph									
Preservative: (*see codes)								G									
Container Type: (*see codes)								G									
MW-41	3/23/11	1815	grab	S	SHW	4	4	4									
MW-43	3/23/11	1830	grab	S	SHW	4	4	4									

ACCESS ANALYTICAL, INC.

7478 Carlisle Street
Irmo, SC 29063

Phone: (803) 781-4243
Fax: 781-4303

www.axs-inc.com

*Preservative Codes (place corresponding # in block above analysis field): 0 = None, 1 = HCL, 2 = HNO_3, 3 = H_2SO_4, 4 = NaOH, 5 = $Na_2S_2O_3$, 6 = Method 5035 set w/ $NaHSO_4$ & CH_3OH, 7 = NaOH/ZnOAC, 8 = H_3PO_4

*Matrix Codes (place corresponding code in matrix column): GW = ground water, WW = waste water, DW = drinking water, S = soil, SL = sludge, A = air, IW = industrial waste, WO = waste oil, OT = other (specify in comments section)

*Program Area Codes: CWA = Clean Water Act (for wastewaters), SDWA = Safe Drinking Water Act (for drinking waters), SHW = Solid and Hazardous Wastes (for soils, ground waters and waste samples)

*Container Type: G = Glass, P = Plastic

NOTES / COMMENTS

(if sample is a composite please use space below to note start/finish times & dates)

Turnaround Time:

___ Standard
X RUSH*
*Date Required: ~~3~~4/1/11
(For rush work, results emailed/faxed by end of business day on date required)

Project Location:
X SC
___ NC
___ Other
(specify) _____

Relinquished By:	Received By:	Date (mm-dd-yy)	Time (24HR)	Sample Temp. Upon Receipt (°C):	
Lauren Mathis	M. Robertson	3/24/11	1250	3.0 (°C)	___ (N/A)
M. Robertson	FedEx	3/24/11	1700	___ (°C)	✓ (N/A)
		3/25/11	11:00	___ (°C)	___ (N/A)
				___ (°C)	___ (N/A)

See Reverse for Terms and Conditions

Original Copy - Returned w/Report
Yellow Copy - Access File Copy
Pink Copy - Client Copy

Pg 1 of 1

Analytical Environmental Services, Inc **Date:** 31-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-41
Project Name:	F. Lil Cricket #339 2170E	**Collection Date:**	3/23/2011 6:15:00 PM
Lab ID:	1103M95-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5035)								
Benzene	BRL	4.6		ug/Kg-dry	144307	1	03/31/2011 14:46	JE
Toluene	BRL	4.6		ug/Kg-dry	144307	1	03/31/2011 14:46	JE
Ethylbenzene	BRL	4.6		ug/Kg-dry	144307	1	03/31/2011 14:46	JE
Xylenes, Total	BRL	4.6		ug/Kg-dry	144307	1	03/31/2011 14:46	JE
Naphthalene	BRL	4.6		ug/Kg-dry	144307	1	03/31/2011 14:46	JE
Surr: 4-Bromofluorobenzene	92.5	56-137		%REC	144307	1	03/31/2011 14:46	JE
Surr: Dibromofluoromethane	96.2	73.7-137		%REC	144307	1	03/31/2011 14:46	JE
Surr: Toluene-d8	91.1	69.2-126		%REC	144307	1	03/31/2011 14:46	JE
PERCENT MOISTURE D2216								
Percent Moisture	20.4	0		wt%	R193829	1	03/31/2011 10:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 31-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-43
Project Name:	F. Lil Cricket #339 2170E	**Collection Date:**	3/23/2011 6:30:00 PM
Lab ID:	1103M95-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5035)								
Benzene	BRL	3.9		ug/Kg-dry	144307	1	03/31/2011 15:11	JE
Toluene	BRL	3.9		ug/Kg-dry	144307	1	03/31/2011 15:11	JE
Ethylbenzene	BRL	3.9		ug/Kg-dry	144307	1	03/31/2011 15:11	JE
Xylenes, Total	BRL	3.9		ug/Kg-dry	144307	1	03/31/2011 15:11	JE
Naphthalene	BRL	3.9		ug/Kg-dry	144307	1	03/31/2011 15:11	JE
Surr: 4-Bromofluorobenzene	92.8	56-137		%REC	144307	1	03/31/2011 15:11	JE
Surr: Dibromofluoromethane	95.6	73.7-137		%REC	144307	1	03/31/2011 15:11	JE
Surr: Toluene-d8	90.3	69.2-126		%REC	144307	1	03/31/2011 15:11	JE
PERCENT MOISTURE D2216								
Percent Moisture	18.3	0		wt%	R193829	1	03/31/2011 10:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Access Work Order Number 1103M95

Checklist completed by Mark 3.25.11
Signature Date

Carrier name: FedEx / UPS __ Courier __ Client __ US Mail __ Other _____

Shipping container/cooler in good condition? Yes / No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present /

Custody seals intact on sample bottles? Yes __ No __ Not Present /

Container/Temp Blank temperature in compliance? (4°C±2)* Yes / No __

Cooler #1 4.3°c Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes / No __

Chain of custody signed when relinquished and received? Yes / No __

Chain of custody agrees with sample labels? Yes / No __

Samples in proper container/bottle? Yes / No __

Sample containers intact? Yes / No __

Sufficient sample volume for indicated test? Yes / No __

All samples received within holding time? Yes / No __

Was TAT marked on the COC? Yes / No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable /

Water - VOA vials have zero headspace? No VOA vials submitted / Yes __ No __

Water - pH acceptable upon receipt? Yes __ No __ Not Applicable /

Adjusted? _____ Checked by _____

Sample Condition: Good / Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No /

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

\L\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample_Cooler_Receipt_Checklist

Analytical Environmental Services, Inc

Date: 31-Mar-11

Client: Terry Environmental
Project Name: F. Lil Cricket #339 2170E
Workorder: 1103M95

ANALYTICAL QC SUMMARY REPORT

BatchID: 144307

Sample ID: **MB-144307** Client ID: Units: **ug/Kg** Prep Date: **03/31/2011** Run No: **193810**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **144307** Analysis Date: **03/31/2011** Seq No: **4044084**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Naphthalene	BRL	5.0	0	0	0	0	0	0	0	0	
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	
Xylenes, Total	BRL	5.0	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	41.65	0	50	0	83.3	56	137	0	0	0	
Surr: Dibromofluoromethane	51.84	0	50	0	104	73.7	137	0	0	0	
Surr: Toluene-d8	49.75	0	50	0	99.5	69.2	126	0	0	0	

Sample ID: **LCS-144307** Client ID: Units: **ug/Kg** Prep Date: **03/31/2011** Run No: **193810**
SampleType: **LCS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **144307** Analysis Date: **03/31/2011** Seq No: **4044086**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	57.36	5.0	50	0	115	70	130	0	0	0	
Ethylbenzene	58.39	5.0	50	0	117	70	130	0	0	0	
Naphthalene	46.47	5.0	50	0	92.9	70	130	0	0	0	
Toluene	61.11	5.0	50	0	122	70	130	0	0	0	
Surr: 4-Bromofluorobenzene	53.81	0	50	0	108	56	137	0	0	0	
Surr: Dibromofluoromethane	56.24	0	50	0	112	73.7	137	0	0	0	
Surr: Toluene-d8	55.41	0	50	0	111	69.2	126	0	0	0	

Sample ID: **1103P34-004AMS** Client ID: Units: **ug/Kg-dry** Prep Date: **03/31/2011** Run No: **193810**
SampleType: **MS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **144307** Analysis Date: **03/31/2011** Seq No: **4044087**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	77.19	6.2	62.35	0	124	67.4	144	0	0	0	
Ethylbenzene	78.60	6.2	62.35	0.9821	124	70.6	139	0	0	0	
Naphthalene	69.66	6.2	62.35	0	112	70	130	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Analytical Environmental Services, Inc

Date: 31-Mar-11

Client: Terry Environmental
Project Name: F. Lil Cricket #339 2170E
Workorder: 1103M95

ANALYTICAL QC SUMMARY REPORT

BatchID: 144307

Sample ID: **1103P34-004AMS**	Client ID:			Units: **ug/Kg-dry**		Prep Date: **03/31/2011**		Run No: **193810**	
SampleType: **MS**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**			BatchID: **144307**		Analysis Date: **03/31/2011**		Seq No: **4044087**	

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Toluene	78.66	6.2	62.35	3.350	121	64.6	145	0	0	0	
Surr: 4-Bromofluorobenzene	66.23	0	62.35	0	106	56	137	0	0	0	
Surr: Dibromofluoromethane	68.38	0	62.35	0	110	73.7	137	0	0	0	
Surr: Toluene-d8	67.63	0	62.35	0	108	69.2	126	0	0	0	

Sample ID: **1103P34-004AMSD**	Client ID:			Units: **ug/Kg-dry**		Prep Date: **03/31/2011**		Run No: **193810**	
SampleType: **MSD**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**			BatchID: **144307**		Analysis Date: **03/31/2011**		Seq No: **4044089**	

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	74.10	6.2	62.35	0	119	67.4	144	77.19	4.09	27.2	
Ethylbenzene	79.87	6.2	62.35	0.9821	127	70.6	139	78.60	1.61	16.6	
Naphthalene	66.97	6.2	62.35	0	107	70	130	69.66	3.94	30	
Toluene	77.22	6.2	62.35	3.350	118	64.6	145	78.66	1.86	26.8	
Surr: 4-Bromofluorobenzene	68.46	0	62.35	0	110	56	137	66.23	0	0	
Surr: Dibromofluoromethane	61.70	0	62.35	0	99	73.7	137	68.38	0	0	
Surr: Toluene-d8	66.77	0	62.35	0	107	69.2	126	67.63	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

APPENDIX 8

Groundwater Sampling Logs

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information	
Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/25/11
Field Personnel	KL, LO
General Weather	Overcast
Ambient Air Temperature	55°F

Monitoring Well Information			
Well ID	mw-3		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	37.55	ft	
Total Well Depth	53.70	ft	
Depth to Groundwater	38.78	ft	
Length of Water Column	14.92	ft	
1 Casing Volume (0.163)		gals	
3 Casing Volumes (0.489)		gals	
Total Volume Purged		gals	53.70

Quality Assurance			
pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Volume (gal)	—										
Time	0745										
pH (su)	6.19										
Spec Conductivity	192										
Water Temperature	20.8										
Turbidity (subjective)	2										
Dissolved Oxygen (mg/L)	1.6										

Well Condition Information	
-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments
Petro odor, sheen

Groundwater Sampling Log

TERRY Environmental Services — CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/25/11
Field Personnel	KL, LD
General Weather	P. Cloudy
Ambient Air Temperature	60°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-5R	
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates	
Well Diameter	2	in
Screened Interval	50-60	ft
Total Well Depth	59.60	ft
Depth to Groundwater	38.63	ft
Length of Water Column	20.97	ft
1 Casing Volume (0.163)	3.42	gals
3 Casing Volumes (0.489)	10.26	gals
Total Volume Purged	8	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

59.60

Volume (gal)	4.0	8.0		
Time	0945	0950		
pH (su)	7.22	7.36		
Spec Conductivity	5.85	609		Dry - Sample taken
Water Temperature	21.4	21.2		
Turbidity (subjective)	1	3		
Dissolved Oxygen (mg/L)	1.1	0.6		

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

dry @ 8.0 gallons

Groundwater Sampling Log

TERRY Environmental Services
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Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/28/11
Field Personnel	KL, LO
General Weather	Overcast
Ambient Air Temperature	55 °F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-9	
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates	
Well Diameter	2	in
Screened Interval	45-55	ft
Total Well Depth	54.75	ft
Depth to Groundwater	37.05	ft
Length of Water Column	17.70	ft
1 Casing Volume (0.163)	2.89	gals
3 Casing Volumes (0.489)	8.67	gals
Total Volume Purged	9	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

54.75

Volume (gal)	3	6	9								
Time	0745	0748	0755								
pH (su)	6.86	6.75	6.68								
Spec Conductivity	777	811	776								
Water Temperature	21.3	21.4	26.9								
Turbidity (subjective)	2	2	2								
Dissolved Oxygen (mg/L)	1.9	1.7	1.0								

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services
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Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/24/11
Field Personnel	KL, LO
General Weather	Overcast
Ambient Air Temperature	55 °F

Monitoring Well Information

Well ID	MW-10		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	42-52	ft	
Total Well Depth	52.10	ft	
Depth to Groundwater	41.49	ft	
Length of Water Column	10.61	ft	
1 Casing Volume (0.163)	~~1.73~~	gals	
3 Casing Volumes (0.489)	~~5.19~~	gals	52.10
Total Volume Purged		gals	

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Volume (gal)	X										
Time	1750										
pH (su)	6.18										
Spec Conductivity	410										
Water Temperature	19.9										
Turbidity (subjective)	1										
Dissolved Oxygen (mg/L)	1.7										

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	↓
-well pad acceptable?	↓
-area safe?	↓
-other comments	

Additional Comments

* NO purge * Request Sample below product
Product from 41.47 - 41.49 = 0.02, yellow color
* Took picture

Groundwater Sampling Log

TERRY Environmental Services
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P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/24/11
Field Personnel	KL WO
General Weather	cloudy
Ambient Air Temperature	50°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-11		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	40-30	ft	
Total Well Depth	48.85	ft	
Depth to Groundwater	40.65	ft	
Length of Water Column	8.20	ft	48.85
1 Casing Volume (0.163)		gals	
3 Casing Volumes (0.489)		gals	
Total Volume Purged		gals	

Volume (gal)	-										
Time	0720										
pH (su)	5.59										
Spec Conductivity	78.5										
Water Temperature	19.2										
Turbidity (subjective)	2										
Dissolved Oxygen (mg/L)	1.7										

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	"
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	"
-other comments	

Additional Comments

none

Groundwater Sampling Log

TERRY Environmental Services
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P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/24/11
Field Personnel	KL, LD
General Weather	Cloudy
Ambient Air Temperature	30°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-12		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	40-30	ft	
Total Well Depth	48.50	ft	
Depth to Groundwater	43.86	ft	
Length of Water Column	5.64	ft	48.50
1 Casing Volume (0.163)		gals	
3 Casing Volumes (0.489)		gals	
Total Volume Purged		gals	

Volume (gal)	–										
Time	0736										
pH (su)	5.48										
Spec Conductivity	106.7										
Water Temperature	20.6										
Turbidity (subjective)	3										
Dissolved Oxygen (mg/L)	1.5										

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

none

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/24/11
Field Personnel	KL, LO
General Weather	Cloudy
Ambient Air Temperature	50°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-13		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	40 - 50	ft	
Total Well Depth	49.95	ft	49.95
Depth to Groundwater	42.93	ft	
Length of Water Column	7.02	ft	
1 Casing Volume (0.163)		gals	
3 Casing Volumes (0.489)		gals	
Total Volume Purged		gals	

Volume (gal)	–										
Time	0735										
pH (su)	5.95										
Spec Conductivity	265										
Water Temperature	20.4										
Turbidity (subjective)	1										
Dissolved Oxygen (mg/L)	1.3										

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	Y
-other comments	

Additional Comments

Slight Petro Odor

Groundwater Sampling Log

TERRY Environmental Services
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Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/24/11
Field Personnel	KL, WB
General Weather	Clear
Ambient Air Temperature	58°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-14		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	43-53	ft	
Total Well Depth	54.85	ft	
Depth to Groundwater	47.29	ft	
Length of Water Column	7.56	ft	
1 Casing Volume (0.163)		gals	
3 Casing Volumes (0.489)		gals	
Total Volume Purged		gals	54.85

Volume (gal)	—										
Time	0745										
pH (su)	5.41										
Spec Conductivity	87.1										
Water Temperature	19.9										
Turbidity (subjective)	3										
Dissolved Oxygen (mg/L)	1.4										

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

None

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/24/11
Field Personnel	KL, WD
General Weather	P- Cloudy
Ambient Air Temperature	66°F

Monitoring Well Information

Well ID	MW-15		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	40-50	ft	
Total Well Depth	50.00	ft	
Depth to Groundwater	44.64	ft	
Length of Water Column	5.36	ft	
1 Casing Volume (0.163)	\	gals	
3 Casing Volumes (0.489)	\	gals	
Total Volume Purged	\	gals	50.00

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Volume (gal)	—									
Time	1600									
pH (su)	6.26									
Spec Conductivity	252									
Water Temperature	20.5									
Turbidity (subjective)	1									
Dissolved Oxygen (mg/L)	1.1									

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	↓
-well pad acceptable?	↓
-area safe?	↓
-other comments	

Additional Comments

Petro odor

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/25/11
Field Personnel	KC, LD
General Weather	P. cloudy
Ambient Air Temperature	55°F

Monitoring Well Information

Well ID	MW-16		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	48-55	ft	
Total Well Depth	54.88	ft	
Depth to Groundwater	39.09	ft	
Length of Water Column	15.79	ft	39.09
1 Casing Volume (0.163)	2.57	gals	
3 Casing Volumes (0.489)	7.72	gals	
Total Volume Purged	9.0	gals	

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Volume (gal)	3.0	6.0	9.0							
Time	833	838	0850							
pH (su)	6.10	6.09	6.05							
Spec Conductivity	228	222	215							
Water Temperature	21.4	21.3	20.9							
Turbidity (subjective)	2	2	2							
Dissolved Oxygen (mg/L)	0.7	0.7	0.7							

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

DH2O odor

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/5/11
Field Personnel	KL LO
General Weather	P. Cloudy
Ambient Air Temperature	55°F

Monitoring Well Information

Well ID	MW-17		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	40-55	ft	
Total Well Depth	54.90	ft	
Depth to Groundwater	38.29	ft	
Length of Water Column	16.61	ft	
1 Casing Volume (0.163)	2.71	gals	
3 Casing Volumes (0.489)	8.13	gals	
Total Volume Purged	9.0	gals	54.90

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Volume (gal)	3.0	6.0	9.0							
Time	0842	0859	0925							
pH (su)	6.03	6.09	6.05							
Spec Conductivity	226	223	218							
Water Temperature	21.4	21.1	21.5							
Turbidity (subjective)	2	2	1							
Dissolved Oxygen (mg/L)	0.6	1.1	1.0							

Well Condition Information

-overall well condition acceptable?	yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Petro odor, sheen

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/25/11
Field Personnel	KL, MD
General Weather	P. cloudy
Ambient Air Temperature	55°F

Monitoring Well Information

Well ID	MW-18		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	35-50	ft	
Total Well Depth	49.83	ft	
Depth to Groundwater	37.93	ft	
Length of Water Column	11.90	ft	
1 Casing Volume (0.163)		gals	
3 Casing Volumes (0.489)		gals	49.83
Total Volume Purged		gals	

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Volume (gal)	–									
Time	0815									
pH (su)	6.15									
Spec Conductivity	329									
Water Temperature	20.5									
Turbidity (subjective)	1									
Dissolved Oxygen (mg/L)	1.9									

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Pchc odor

Groundwater Sampling Log

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Site Specific Information	
Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/25/11
Field Personnel	KL, LO
General Weather	Overcast
Ambient Air Temperature	55°F

Monitoring Well Information			
Well ID	MW-19		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	28-53	ft	
Total Well Depth	53.15	ft	
Depth to Groundwater	37.32	ft	
Length of Water Column	15.83	ft	
1 Casing Volume (0.163)	2.58	gals	
3 Casing Volumes (0.489)	7.75	gals	
Total Volume Purged	0.75	gals	53.15

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Volume (gal)	~~0.75~~									
Time	~~0705~~									
pH (su)										
Spec Conductivity			Product, no Samples taken							
Water Temperature										
Turbidity (subjective)										
Dissolved Oxygen (mg/L)										

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

* bail 0.75 gallons, Yellow/orange product ≈0.05" inch thick, picture
- Call Randy, no Sample to be taken

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/25/11
Field Personnel	KL, LD
General Weather	Overcast
Ambient Air Temperature	55°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-20
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates

Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	35-50	ft	
Total Well Depth	-	ft	
Depth to Groundwater	40.32	ft	
Length of Water Column		ft	
1 Casing Volume (0.163)		gals	
3 Casing Volumes (0.489)		gals	
Total Volume Purged		gals	

Volume (gal)	-									
Time	~~0920~~									
pH (su)										
Spec Conductivity		Product, no Samples taken								
Water Temperature										
Turbidity (subjective)										
Dissolved Oxygen (mg/L)										

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	↓
-well pad acceptable?	↓
-area safe?	↓
-other comments	

Additional Comments

* Product 40.25 – 40.32 = 0.07', yellow, picture taken

- well Ready, no Sample to be taken

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/25/11
Field Personnel	KL, LO
General Weather	Sunny
Ambient Air Temperature	60°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-21	
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates	
Well Diameter	2	in
Screened Interval	40-55	ft
Total Well Depth	54.95	ft
Depth to Groundwater	48.61	ft
Length of Water Column	6.34	ft
1 Casing Volume (0.163)		gals
3 Casing Volumes (0.489)		gals
Total Volume Purged		gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

54.95

Volume (gal)	~										
Time	1040										
pH (su)	5.99										
Spec Conductivity	43.1										
Water Temperature	26.5										
Turbidity (subjective)	3										
Dissolved Oxygen (mg/L)	2.4										

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

None

Groundwater Sampling Log

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Site Specific Information	
Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/24/11
Field Personnel	KL, LO
General Weather	Cloudy
Ambient Air Temperature	55°F

Monitoring Well Information		
Well ID	MW-22	
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates	
Well Diameter	2	in
Screened Interval	40-55	ft
Total Well Depth	54.85	ft
Depth to Groundwater	47.74	ft
Length of Water Column	7.11	ft
1 Casing Volume (0.163)		gals
3 Casing Volumes (0.489)		gals
Total Volume Purged		gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

54.85

Quality Assurance			
pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Volume (gal)	-										
Time	1315										
pH (su)	8.82										
Spec Conductivity	216										
Water Temperature	19.4										
Turbidity (subjective)	2										
Dissolved Oxygen (mg/L)	1.2										

Well Condition Information	
-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments
none

Groundwater Sampling Log

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Site Specific Information	
Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/24/11
Field Personnel	KL, WO
General Weather	Cloudy
Ambient Air Temperature	60°F

Monitoring Well Information			
Well ID	MW-23		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	48-35	ft	
Total Well Depth	54.91	ft	
Depth to Groundwater	48.38	ft	
Length of Water Column	6.53	ft	
1 Casing Volume (0.163)	/	gals	
3 Casing Volumes (0.489)	/	gals	
Total Volume Purged	/	gals	54.91

Quality Assurance			
pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Volume (gal)	—										
Time	1355										
pH (su)	6.64										
Spec Conductivity	223										
Water Temperature	19.8										
Turbidity (subjective)	2										
Dissolved Oxygen (mg/L)	1.4										

Well Condition Information	
-overall well condition acceptable?	yes
-well cap acceptable?	↓
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments
none

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/24/11
Field Personnel	KL LO
General Weather	Cloudy
Ambient Air Temperature	60°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-24		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	40 - 55	ft	
Total Well Depth	54.82	ft	
Depth to Groundwater	48.32	ft	
Length of Water Column	6.50	ft	
1 Casing Volume (0.163)		gals	
3 Casing Volumes (0.489)		gals	
Total Volume Purged		gals	54.82

Volume (gal)	–										
Time	1416										
pH (su)	6.22										
Spec Conductivity	339										
Water Temperature	19.3										
Turbidity (subjective)	2										
Dissolved Oxygen (mg/L)	1.4										

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	√
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	√
-other comments	

Additional Comments

Petro Odor

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/04/11
Field Personnel	KL, LO
General Weather	Overcast
Ambient Air Temperature	55°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-25		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	39-54	ft	
Total Well Depth	53.30	ft	
Depth to Groundwater	46.31	ft	
Length of Water Column	6.99	ft	
1 Casing Volume (0.163)		gals	
3 Casing Volumes (0.489)		gals	53.30
Total Volume Purged		gals	

Volume (gal)	—										
Time	1426										
pH (su)	5.99										
Spec Conductivity	246										
Water Temperature	19.4										
Turbidity (subjective)	2										
Dissolved Oxygen (mg/L)	1.0										

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	↓
-well pad acceptable?	↓
-area safe?	↓
-other comments	

Additional Comments

Petro Odor

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/24/11
Field Personnel	VL, LO
General Weather	p. cloudy
Ambient Air Temperature	66°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-26	
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates	
Well Diameter	2	in
Screened Interval	37-52	ft
Total Well Depth	51.35	ft
Depth to Groundwater	44.06	ft
Length of Water Column	7.29	ft
1 Casing Volume (0.163)		gals
3 Casing Volumes (0.489)		gals
Total Volume Purged		gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

51.35

Volume (gal)	~										
Time	1510										
pH (su)	6.19										
Spec Conductivity	532										
Water Temperature	19.8										
Turbidity (subjective)	2										
Dissolved Oxygen (mg/L)	1.2										

Well Condition Information

-overall well condition acceptable?	yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Ratio 0.20V

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/24/11
Field Personnel	KL, CO
General Weather	P. Cloudy
Ambient Air Temperature	60°F

Monitoring Well Information

Well ID	MW-27		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	40.55	ft	
Total Well Depth	54.29	ft	
Depth to Groundwater	45.99	ft	
Length of Water Column	8.30	ft	
1 Casing Volume (0.163)		gals	
3 Casing Volumes (0.489)		gals	
Total Volume Purged		gals	54.29

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Volume (gal)	–									
Time	1515									
pH (su)	6.51									
Spec Conductivity	238									
Water Temperature	26.2									
Turbidity (subjective)	2									
Dissolved Oxygen (mg/L)	1.3									

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Petro Odor

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Site Specific Information	
Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/24/11
Field Personnel	KL, LO
General Weather	P. Cloudy
Ambient Air Temperature	60°F

Monitoring Well Information		
Well ID	MW-23	
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates	
Well Diameter	2	in
Screened Interval	40-55	ft
Total Well Depth	54.87	ft
Depth to Groundwater	48.28	ft
Length of Water Column	6.59	ft
1 Casing Volume (0.163)		gals
3 Casing Volumes (0.489)		gals
Total Volume Purged		gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

54.87

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Volume (gal)	-										
Time	1446										
pH (su)	5.69										
Spec Conductivity	182.8										
Water Temperature	20.4										
Turbidity (subjective)	2										
Dissolved Oxygen (mg/L)	1.5										

Well Condition Information	
-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments
None

Groundwater Sampling Log

TERRY Environmental Services
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Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/25/11
Field Personnel	KL, LO
General Weather	Sunny
Ambient Air Temperature	60°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-29		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	40-55	ft	
Total Well Depth	55.30	ft	
Depth to Groundwater	46.96	ft	
Length of Water Column	8.34	ft	55.30
1 Casing Volume (0.163)	\	gals	
3 Casing Volumes (0.489)	\	gals	
Total Volume Purged		gals	

Volume (gal)	—										
Time	1010										
pH (su)	6.35										
Spec Conductivity	324										
Water Temperature	20.9										
Turbidity (subjective)	1										
Dissolved Oxygen (mg/L)	1.3										

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	|
-manhole and cover acceptable?	|
-well pad acceptable?	|
-area safe?	V
-other comments	

Additional Comments

Slight petro odor

Groundwater Sampling Log

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Site Specific Information	
Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/25/11
Field Personnel	KL, CO
General Weather	P. Cloudy
Ambient Air Temperature	60°F

Quality Assurance			
pH Meter	Oakton	Conductivity Meter	Oakton
Serial Number	73168	Serial Number	73168
Calibration Constant	4.01	Calibration Constant	447 µS
Calibration Constant	7.00	Calibration Constant	1413 µS
Calibration Constant	10.00	Calibration Constant	

Monitoring Well Information		
Well ID	MW-30	
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates	
Well Diameter	2	in
Screened Interval	45-60	ft
Total Well Depth	60.30	ft
Depth to Groundwater	39.18	ft
Length of Water Column	21.12	ft
1 Casing Volume (0.163)	3.44	gals
3 Casing Volumes (0.489)	10.32	gals
Total Volume Purged	10	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

60.30

Volume (gal)	4.0	8.0	10								
Time	1015	1018	1025								
pH (su)	5.97	6.17	6.63								
Spec Conductivity	284	271	425								
Water Temperature	21.3	21.3	22.2								
Turbidity (subjective)	3	3	3								
Dissolved Oxygen (mg/L)	1.0	0.7	1.3								

Well Condition Information	
-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

dry @ 10 gallons

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/28/11
Field Personnel	KL, WO
General Weather	Sunny
Ambient Air Temperature	65°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-31	
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates	
Well Diameter	2	in
Screened Interval	26-41	ft
Total Well Depth	40.26	ft
Depth to Groundwater	31.98	ft
Length of Water Column	8.28	ft
1 Casing Volume (0.163)	\	gals
3 Casing Volumes (0.489)	\	gals
Total Volume Purged	\	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

40.26

Volume (gal)	–										
Time	1150										
pH (su)	5.59										
Spec Conductivity	106.6										
Water Temperature	26.8										
Turbidity (subjective)	2										
Dissolved Oxygen (mg/L)	1.6										

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	|
-manhole and cover acceptable?	|
-well pad acceptable?	|
-area safe?	V
-other comments	

Additional Comments

None

Groundwater Sampling Log

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Site Specific Information	
Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/25/11
Field Personnel	KL, CO
General Weather	Sunny
Ambient Air Temperature	65°F

Monitoring Well Information			
Well ID	MW-32		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	30-45	ft	
Total Well Depth	44.30	ft	
Depth to Groundwater	33.66	ft	
Length of Water Column	10.64	ft	
1 Casing Volume (0.163)		gals	44.30
3 Casing Volumes (0.489)		gals	
Total Volume Purged		gals	

Quality Assurance			
pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Volume (gal)	-										
Time	1145										
pH (su)	5.53										
Spec Conductivity	117.3										
Water Temperature	21.1										
Turbidity (subjective)	2										
Dissolved Oxygen (mg/L)	1.9										

Well Condition Information	
-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	↓
-well pad acceptable?	↓
-area safe?	↓
-other comments	

Additional Comments
none

Groundwater Sampling Log

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Site Specific Information	
Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/25/11
Field Personnel	KL, LO
General Weather	Sunny
Ambient Air Temperature	65°F

Monitoring Well Information			
Well ID	MW-33		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	29-44	ft	
Total Well Depth	43.55	ft	
Depth to Groundwater	35.39	ft	
Length of Water Column	8.16	ft	
1 Casing Volume (0.163)	\	gals	
3 Casing Volumes (0.489)		gals	43.55
Total Volume Purged		gals	

Quality Assurance			
pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Volume (gal)	—										
Time	1140										
pH (su)	5.59										
Spec Conductivity	125.9										
Water Temperature	20.9										
Turbidity (subjective)	2										
Dissolved Oxygen (mg/L)	2.1										

Well Condition Information	
-overall well condition acceptable?	Yes
-well cap acceptable?	|
-manhole and cover acceptable?	|
-well pad acceptable?	|
-area safe?	↓
-other comments	

Additional Comments
none

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/25/11
Field Personnel	KL, LO
General Weather	Sunny
Ambient Air Temperature	60°F

Monitoring Well Information

Well ID	MW-34
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates

Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	36-45	ft	
Total Well Depth	45.00	ft	
Depth to Groundwater	38.27	ft	
Length of Water Column	6.73	ft	
1 Casing Volume (0.163)		gals	
3 Casing Volumes (0.489)		gals	
Total Volume Purged		gals	45.00

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Volume (gal)	—										
Time	1120										
pH (su)	5.29										
Spec Conductivity	56.3										
Water Temperature	21.4										
Turbidity (subjective)	3										
Dissolved Oxygen (mg/L)	2.2										

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	↓
-well pad acceptable?	↓
-area safe?	↓
-other comments	

Additional Comments

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/5/11
Field Personnel	KL, UD
General Weather	Sunny
Ambient Air Temperature	60°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-35		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	31-46	ft	
Total Well Depth	45.20	ft	
Depth to Groundwater	39.17	ft	
Length of Water Column	6.03	ft	
1 Casing Volume (0.163)	\	gals	
3 Casing Volumes (0.489)	\	gals	45.20
Total Volume Purged	\	gals	

Volume (gal)	—										
Time	1125										
pH (su)	5.09										
Spec Conductivity	28.0										
Water Temperature	22.0										
Turbidity (subjective)	3										
Dissolved Oxygen (mg/L)	2.1										

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	|
-manhole and cover acceptable?	|
-well pad acceptable?	|
-area safe?	Y
-other comments	

Additional Comments

none

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/24/11
Field Personnel	KL, CO
General Weather	Cloudy
Ambient Air Temperature	55°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-36		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	31 - 46	ft	
Total Well Depth	46.36	ft	
Depth to Groundwater	39.28	ft	
Length of Water Column	7.02	ft	
1 Casing Volume (0.163)		gals	
3 Casing Volumes (0.489)		gals	
Total Volume Purged		gals	46.36

Volume (gal)	-										
Time	1115										
pH (su)	5.45										
Spec Conductivity	51.8										
Water Temperature	19.3										
Turbidity (subjective)	2										
Dissolved Oxygen (mg/L)	1.7										

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

NONE

Groundwater Sampling Log

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Site Specific Information	
Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/24/11
Field Personnel	VL LO
General Weather	cloudy
Ambient Air Temperature	55°F

Quality Assurance			
pH Meter	Oakton	Conductivity Meter	Oakton
Serial Number	73168	Serial Number	73168
Calibration Constant	4.01	Calibration Constant	447 µS
Calibration Constant	7.00	Calibration Constant	1413 µS
Calibration Constant	10.00	Calibration Constant	

Monitoring Well Information		
Well ID	MW-37	
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates	
Well Diameter	2	in
Screened Interval	29-44	ft
Total Well Depth	43.76	ft
Depth to Groundwater	34.90	ft
Length of Water Column	8.86	ft
1 Casing Volume (0.163)		gals
3 Casing Volumes (0.489)		gals
Total Volume Purged		gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

43.76

Volume (gal)	-										
Time	1645										
pH (su)	6.64										
Spec Conductivity	93.2										
Water Temperature	26.0										
Turbidity (subjective)	2										
Dissolved Oxygen (mg/L)	1.5										

Well Condition Information	
-overall well condition acceptable?	yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments
none

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/24/11
Field Personnel	KL, CD
General Weather	cloudy
Ambient Air Temperature	55°C

Monitoring Well Information

Well ID	mw-38		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	32-47	ft	
Total Well Depth	47.36	ft	
Depth to Groundwater	33.69	ft	
Length of Water Column	13.61	ft	47.36
1 Casing Volume (0.163)		gals	
3 Casing Volumes (0.489)		gals	
Total Volume Purged		gals	

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Volume (gal)	–										
Time	1102										
pH (su)	7.12										
Spec Conductivity	10.8										
Water Temperature	19.7										
Turbidity (subjective)	2										
Dissolved Oxygen (mg/L)	1.5										

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	"
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	V
-other comments	

Additional Comments

none

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/25/11
Field Personnel	KL, LO
General Weather	Sunny
Ambient Air Temperature	60°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-39	
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates	
Well Diameter	2	in
bgs *Screened Interval*	42-52	ft
TOC *Total Well Depth*	55.00	ft
TOC *Depth to Groundwater*	48.39	ft
Length of Water Column	6.61	ft
1 Casing Volume (0.163)	1.08	gals
3 Casing Volumes (0.489)	3.24	gals
Total Volume Purged	1.50	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

55.00

Volume (gal)	1.5										
Time	1055										
pH (su)	5.99										
Spec Conductivity	92.5			DRY -	SAMPLE	TAKEN					
Water Temperature	26.3										
Turbidity (subjective)	3										
Dissolved Oxygen (mg/L)	2.0										

Well Condition Information

-overall well condition acceptable?	YES
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Stick up Well

Groundwater Sampling Log

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Site Specific Information	
Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/25/11
Field Personnel	KL, WD
General Weather	Sunny
Ambient Air Temperature	65°F

Monitoring Well Information			
Well ID	MW-4D		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	6-16	ft	
Total Well Depth	16.00	ft	
Depth to Groundwater	14.64	ft	
Length of Water Column	1.36	ft	
1 Casing Volume (0.163)	0.22	gals	
3 Casing Volumes (0.489)	0.66	gals	16.00
Total Volume Purged	0.50	gals	

Quality Assurance			
pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Volume (gal)	0.5										
Time	1205										
pH (su)	6.28										
Spec Conductivity	194			DRY-	SAMPLE	TAKEN					
Water Temperature	23.2										
Turbidity (subjective)	3										
Dissolved Oxygen (mg/L)	1.7										

Well Condition Information	
-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments
new

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	3/24/11
Field Personnel	LO
General Weather	Sunny
Ambient Air Temperature	50°F

Monitoring Well Information

Well ID	MW-41
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Lead, EDB, & 8 Oxygenates

Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	42-52	ft	
Total Well Depth	52.10	ft	
Depth to Groundwater	46.40	ft	
Length of Water Column	5.70	ft	
1 Casing Volume (0.163)	0.93	gals	
3 Casing Volumes (0.489)	2.79	gals	52.10
Total Volume Purged	3	gals	

Quality Assurance

pH Meter	Oakton		*Conductivity Meter*	Oakton	
Serial Number	73168		*Serial Number*	73168	
Calibration Constant	4.01		*Calibration Constant*	447 µS	
Calibration Constant	7.00		*Calibration Constant*	1413 µS	
Calibration Constant	10.00		*Calibration Constant*		

Volume (gal)	1	2	3	
Time	0750	0755	0805	
pH (su)	6.27	6.21	6.19	
Spec Conductivity	248	249	261	
Water Temperature	19.4	19.6	19.6	
Turbidity (subjective)	3	3	3	
Dissolved Oxygen (mg/L)	0.46	0.37	0.32	

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	↓
-well pad acceptable?	↓
-area safe?	↓
-other comments	

Additional Comments

Chemical odor

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/25/11
Field Personnel	KL, LO
General Weather	Sunny
Ambient Air Temperature	65°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

	Well ID	MW-42	
	Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates	
	Well Diameter	2	in
bgs	*Screened Interval*	2-9	ft
TOC	*Total Well Depth*	11.85	ft
TOC	*Depth to Groundwater*	9.13	ft
	Length of Water Column	2.72	ft
	1 Casing Volume (0.163)	0.44	gals
	3 Casing Volumes (0.489)	1.30	gals
	Total Volume Purged	0.75	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

11.85

Volume (gal)	0.75										
Time	1215										
pH (su)	6.48										
Spec Conductivity	205		DRY -	SAMPLE	TAKEN						
Water Temperature	17.3										
Turbidity (subjective)	3										
Dissolved Oxygen (mg/L)	1.9										

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Stick up well = 2.85' to TOC above ground

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	3/24/11
Field Personnel	LO
General Weather	Sunny
Ambient Air Temperature	55°F

Quality Assurance

pH Meter	Oakton		Conductivity Meter	Oakton	
Serial Number	73168		Serial Number	73168	
Calibration Constant	4.01		Calibration Constant	447 µS	
Calibration Constant	7.00		Calibration Constant	1413 µS	
Calibration Constant	10.00		Calibration Constant		

Monitoring Well Information

Well ID	MW-43		
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Lead, EDB, & 8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	40-50	ft	
Total Well Depth	50.00	ft	
Depth to Groundwater	43.89	ft	
Length of Water Column	6.11	ft	
1 Casing Volume (0.163)	1.00	gals	
3 Casing Volumes (0.489)	2.99	gals	50.00
Total Volume Purged	3	gals	

	1	2	3
Volume (gal)	1	2	3
Time	0835	0830	0840
pH (su)	6.17	6.09	6.11
Spec Conductivity	113.0	109.7	114.5
Water Temperature	19.0	19.2	19.2
Turbidity (subjective)	2	2	2
Dissolved Oxygen (mg/L)	0.41	0.37	0.28

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

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Summerville, SC 29484
1-800-325-0605

Site Specific Information	
Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/24/11
Field Personnel	KL, LO
General Weather	P. cloudy
Ambient Air Temperature	66°F

Monitoring Well Information			
Well ID	DW-1		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	75-80	ft	
Total Well Depth	79.89	ft	
Depth to Groundwater	45.34	ft	
Length of Water Column	34.55	ft	
1 Casing Volume (0.163)	5.63	gals	
3 Casing Volumes (0.489)	16.89	gals	79.89
Total Volume Purged	15	gals	

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Volume (gal)	~~0~~ 6	12	18							
Time	1605	1618	1640							
pH (su)	6.87	6.61	6.83							
Spec Conductivity	300	268	295							
Water Temperature	20.6	20.7	20.4							
Turbidity (subjective)	3	2	2							
Dissolved Oxygen (mg/L)	1.7	0.6	1.3							

Well Condition Information	
-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/24/11
Field Personnel	KL, LO
General Weather	Overcast
Ambient Air Temperature	55°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	DW-2
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates

Well Diameter	2	in
Screened Interval	75.80	ft
Total Well Depth	80.00	ft
Depth to Groundwater	41.63	ft
Length of Water Column	38.36	ft
1 Casing Volume (0.163)	6.25	gals
3 Casing Volumes (0.489)	18.75	gals
Total Volume Purged	21	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

80.02

Volume (gal)	7.0	14.0	21.0								
Time	1800	1805	1810								
pH (su)	6.87	6.38	6.84								
Spec Conductivity	212	196	202								
Water Temperature	20.4	21.1	20.9								
Turbidity (subjective)	1	1	1								
Dissolved Oxygen (mg/L)	2.0	1.8	1.5								

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	✓
-manhole and cover acceptable?	✓
-well pad acceptable?	✓
-area safe?	Y
-other comments	

Additional Comments

none

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/04/11
Field Personnel	KL, WD
General Weather	Overcast
Ambient Air Temperature	55°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	DW-3	
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates	
Well Diameter	2	in
Screened Interval	75-80	ft
Total Well Depth	79.85	ft
Depth to Groundwater	40.06	ft
Length of Water Column	39.79	ft
1 Casing Volume (0.163)	6.49	gals
3 Casing Volumes (0.489)	19.47	gals
Total Volume Purged	21.00	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

79.85

Volume (gal)	7.0	14.0	21.00								
Time	1835	1840	1845								
pH (su)	10.11	9.97	9.73								
Spec Conductivity	745	728	721								
Water Temperature	20.8	21.1	21.1								
Turbidity (subjective)	1	1	1								
Dissolved Oxygen (mg/L)	0.3	0.8	0.8								

Well Condition Information

-overall well condition acceptable?	YES
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

None

Groundwater Sampling Log

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Summerville, SC 29484
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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/24/11
Field Personnel	KL, LO
General Weather	55°F
Ambient Air Temperature	Cloudy

Monitoring Well Information

Well ID	RW-5
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates

Well Diameter	2	in
Screened Interval	75-80	ft
Total Well Depth	79.89	ft
Depth to Groundwater	61.27	ft
Length of Water Column	18.62	ft
1 Casing Volume (0.163)	3.04	gals
3 Casing Volumes (0.489)	9.12	gals
Total Volume Purged	9.50	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

79.89

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Volume (gal)	3.5										
Time	1320										
pH (su)	12.55										
Spec Conductivity	10.32			DRY -	SAMPLE	TAKEN					
Water Temperature	26.6										
Turbidity (subjective)	2										
Dissolved Oxygen (mg/L)	1.2										

Well Condition Information

-overall well condition acceptable?	YES
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	V
-other comments	

Additional Comments

NONE

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/2/11
Field Personnel	KL, WO
General Weather	P. Cloudy
Ambient Air Temperature	60°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-6		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	115 - 130	ft	
Total Well Depth	129.76	ft	
Depth to Groundwater	49.98	ft	
Length of Water Column	79.72	ft	
1 Casing Volume (0.163)	12.99	gals	
3 Casing Volumes (0.489)	38.98	gals	129.76
Total Volume Purged	13.06	gals	

Volume (gal)	13.06										
Time	1646										
pH (su)	9.92										
Spec Conductivity	606			DRY -	SAMPLE	TAKEN					
Water Temperature	19.3										
Turbidity (subjective)	1										
Dissolved Oxygen (mg/L)	2.0										

Well Condition Information

-overall well condition acceptable?	Y/S
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

None

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/24/11
Field Personnel	LL, LO
General Weather	Overcast
Ambient Air Temperature	55°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	DW-7		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	115 - 120	ft	
Total Well Depth	118.50	ft	
Depth to Groundwater	46.27	ft	
Length of Water Column	72.23	ft	
1 Casing Volume (0.163)	11.77	gals	
3 Casing Volumes (0.489)	35.32	gals	118.50
Total Volume Purged	120	gals	

Volume (gal)	12.0										
Time	1845										
pH (su)	11.95		Dry - Samples Taken								
Spec Conductivity	3.23 mS										
Water Temperature	18.9										
Turbidity (subjective)	1										
Dissolved Oxygen (mg/L)	1.67										

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Dry @ 12 gallons

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/24/11
Field Personnel	VL, LO
General Weather	cloudy
Ambient Air Temperature	55°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	DW-9		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	75-80	ft	
Total Well Depth	80.15	ft	
Depth to Groundwater	36.34	ft	
Length of Water Column	43.81	ft	
1 Casing Volume (0.163)	7.14	gals	
3 Casing Volumes (0.489)	21.42	gals	
Total Volume Purged	24.0	gals	80.15

Volume (gal)	8.0	16.0	24.0							
Time	947	952	1007							
pH (su)	6.43	6.47	6.50							
Spec Conductivity	142.7	139.8	135.6							
Water Temperature	19.7	19.9	19.9							
Turbidity (subjective)	1	1	1							
Dissolved Oxygen (mg/L)	1.3	1.0	1.0							

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

None

10/15/26

Groundwater Sampling Log

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Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/24/11
Field Personnel	VC, WD
General Weather	Cloudy
Ambient Air Temperature	50°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	DW-10		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	115-120	ft	
Total Well Depth	119.72	ft	
Depth to Groundwater	36.86	ft	
Length of Water Column	82.86	ft	
1 Casing Volume (0.163)	13.51	gals	
3 Casing Volumes (0.489)	40.53	gals	
Total Volume Purged	14.08	gals	119.72

Volume (gal)	14										
Time	1625										
pH (su)	12.01										
Spec Conductivity	2.72		DRY -	SAMPLE	TAKEN						
Water Temperature	18.9										
Turbidity (subjective)	1										
Dissolved Oxygen (mg/L)	0.7										

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	Y
-other comments	

Additional Comments

None
SI

APPENDIX 9

Groundwater Analytical Data

ACCESS ANALYTICAL, INC.

ANALYTICAL REPORT

CLIENT

Terry Environmental
PO Box 25
Summerville SC 29484

ATTENTION
Randy Brand

PROJECT ID
2170E Li'l Cricket #339

LABORATORY REPORT NUMBER
1102M58

DATE
March 23, 2011

Primary Data Review By

Brian Rohr
Project Manager, AES

Secondary Data Review By

Ashley Amick
Project Manager, Access Analytical
aamick@axs-inc.com

PLEASE NOTE:

- **Unless otherwise noted, all analysis on this report performed at Analytical Environmental Services Inc. (AES Inc), 3785 Presidential Parkway, Atlanta, GA 30340.**
- **AES is SCDHEC certified laboratory # 98016, NCDENR certified lab # 562, GA certified lab # FL-E87582, NELAP certified laboratory # E87582**
- Local support services for this project are provided by Access Analytical, Inc. Access Analytical is a representative of AES serving client in the SC/NC/GA areas. All questions regarding this report should be directed to your local Access Analytical representative at 803.781.4243 or toll fee at 883.315.4243

Revision 3/23/2011

Access Analytical - Chain of Custody Record

LAB USE ONLY

Sales Order # _____ **PO #** _____ **Access Quote #** _____ **Project Work Order #** 1102MS50 **Laboratory ID:** AES

Company Name: Terry Environmental
Report To: Randy Brand
Address: PO Box 25
City: Summerville State: SC Zip: 29484
Phone: 843-873-8200 Fax:
Email: rbrand@terryenvironmental.com
Project ID: 2170E L/I cricket #339
Sampled By: KL

Preservative (*see codes): 1 1 0 2
Container Type (*see codes): G G G P

REQUESTED LAB ANALYSIS:

Sample ID/Description	Date Collected:	Time Collected:	Type: (grab or composite)	Matrix: (see codes)	Program Area: (see codes)	TOTAL # of containers	BTEX, Naph, MTBE, 1,2-DCA	X Oxygenates	EDB	LEAD	NOTES / COMMENTS (if sample is a composite please use space below to note start/finish times & dates)
mw-3	2/25/11	0745	G	GW	SHW	7	2	2	2	1	Petro Odor
mw-5R	2/25/11	0950									
mw-9	2/25/11	0755									
mw-10	2/24/11	1750									Sample taken Below Product
mw-11	2/24/11	0720									
mw-12	2/24/11	0730									
mw-13	2/24/11	0735									Petro Odor
mw-14	2/24/11	0745									
mw-15	2/24/11	1600									Petro Odor
mw-16	2/25/11	0850									Petro Odor

Turnaround Time:
✓ Standard
___ RUSH*
*Date Required: 3/8/11
(For rush work, results emailed/faxed by end of business day on date required)

Project Location:
✓ SC
___ NC
___ Other
(specify) _____

Relinquished By:	Received By:	Date (mm-dd-yy)	Time (24HR)	Sample Temp. Upon Receipt (°C):	
		2/25/11	1725	3.2 (°C)	___ (N/A)
	FEDEX	2/25/11	1745	___ (°C)	✓ (N/A)
FEDEX	Mark X	2.26.11	1215	___ (°C)	___ (N/A)
				___ (°C)	___ (N/A)

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ACCESS ANALYTICAL, INC.
7478 Carlisle Street
Irmo, SC 29063
Phone: (803) 781-4243
Fax: 781-4303
www.axs-inc.com

*Preservative Codes (place corresponding # in block above analysis field): 0 = None, 1 = HCL, 2 = HNO_3, 3 = H_2SO_4, 4 = NaOH, 5 = $Na_2S_2O_3$, 6 = Method 5035 set w/ $NaHSO_4$ & CH3OH, 7 = NaOH/ZnOAC, 8 = H_3PO_4

*Matrix Codes (place corresponding code in matrix column): GW = ground water, WW = waste water, DW = drinking water, S = soil, SL = sludge, A = air, IW = industrial waste, WO = waste oil, OT = other (specify in comments section)

*Program Area Codes: CWA = Clean Water Act (for wastewaters), SDWA = Safe Drinking Water Act (for drinking waters), SHW = Solid and Hazardous Wastes (for soils, ground waters and waste samples)

*Container Type: G = Glass, P = Plastic

Access Analytical - Chain of Custody Record

LAB USE ONLY

Sales Order # _____ **PO #** _____ **Access Quote #** _____

Project Work Order # 1102M58

Laboratory ID: AES

Company Name: Terry Environmental

Report To: Randy Brand

Address: PO Box 85

City: Summerville State: SC Zip: 29484

Phone: 843-873-8200 Fax:

Email: rbrand@terryenvironmental.com

Project ID: 2170E Lil Cricket # 339

Sampled By: KL

Sample ID/Description	Date Collected	Time Collected	Type: (grab or composite)	Matrix: (see codes)	Program Area (see codes)	TOTAL # of containers	Preservative: (*see codes)											
							Container Type: (*see codes)											
							REQUESTED LAB ANALYSIS: ↓											
								BTEX, Meth, MTBE, 1,2DCA	& Oxygenates	TPHG	LEAD							
mw-17	2/25/11	0925	G	GW	SHW	7		2	2	2	1							
mw-18	2/25/11	0815																
mw-21	2/25/11	1040																
mw-22	2/24/11	1315																
mw-23	2/24/11	1355																
mw-24	2/24/11	1410																
mw-25	2/24/11	1420																
mw-26	2/24/11	1518																
mw-27	2/24/11	1515																
mw-28	2/24/11	1440																

NOTES / COMMENTS
(if sample is a composite please use space below to note start/finish times & dates)

mw-17: Petro Odor
mw-18: Petro Odor
mw-24: Petro Odor
mw-25: Petro Odor
mw-26: Petro Odor
mw-27: Petro Odor

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*Preservative Codes (place corresponding # in block above analysis field): 0 = None, 1 = HCL, 2 = HNO3, 3 = H2SO4, 4 = NaOH, 5 = Na2S2O3, 6 = Method 5035 est w/ NaHSO4 & CH3OH, 7 = NaOH/ZnOAC, 8 = H3PO4

*Matrix Codes (place corresponding code in matrix column): GW = ground water, WW = waste water, DW = drinking water, S = soil, SL = sludge, A = air, IW = industrial waste, WO = waste oil, OT = other (specify in comments section)

*Program Area Codes: CWA = Clean Water Act (for wastewaters), SDWA = Safe Drinking Water Act (for drinking waters), SHW = Solid and Hazardous Wastes (for soils, ground waters and waste samples)

*Container Type: G = Glass, P = Plastic

Turnaround Time:
✓ Standard
___ RUSH*
*Date Required: 3/8/11
(For rush work, results emailed/faxed by end of business day on date required)

Project Location:
___ SC
___ NC
___ Other
(specify) _____

Relinquished By:	Received By:	Date (mm-dd-yy)	Time (24HR)	Sample Temp. Upon Receipt (°C):	
		2/25/11	1725	3.0 (°C)	___(N/A)
	FEDEX	2/25/11	1745	___(°C)	✓(N/A)
FEDEX	Mark K	2.26.11	1215	___(°C)	___(N/A)
				___(°C)	___(N/A)

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Access Analytical - Chain of Custody Record

LAB USE ONLY

Project Work Order # 1102M58

Sales Order # _____ **PO #** _____ **Access Quote #** _____ **Laboratory ID:** AES

Company Name: Terry Environmental

Report To: Randy Brand

Address: PO Box 25

City: Summerville State: SC Zip: 29484

Phone: 843-873-8202 Fax:

Email: rbrand@terryenvironmental.com

Project ID: 2170 E Li'l Cricket #339

Sampled By: KL

ACCESS ANALYTICAL, INC.
7478 Carlisle Street
Irmo, SC 29063
Phone: (803) 781-4243
Fax: 781-4303
www.axs-inc.com

*Preservative Codes (place corresponding # in block above analysis field): 0 = None, 1 = HCL, 2 = HNO_3, 3 = H_2SO_4, 4 = NaOH, 5 = $Na_2S_2O_3$, 6 = Method 5035 set w/ $NaHSO_4$ & CH3OH, 7 = NaOH/ZnOAC, 8 = H_3PO_4

*Matrix Codes (place corresponding code in matrix column): GW = ground water, WW = waste water, DW = drinking water, S = soil, SL = sludge, A = air, IW = industrial waste, WO = waste oil, OT = other (specify in comments section)

*Program Area Codes: CWA = Clean Water Act (for wastewaters), SDWA = Safe Drinking Water Act (for drinking waters), SHW = Solid and Hazardous Wastes (for soils, ground waters and waste samples)

*Container Type: G = Glass, P = Plastic

Sample ID/Description	Date Collected	Time Collected	Type: (grab or composite)	Matrix: (see codes)	Program Area (see codes)	TOTAL # of containers	* REQUESTED LAB ANALYSIS:												NOTES / COMMENTS (if sample is a composite please use space below to note start/finish times & dates)
Preservative: (*see codes)								1	1	0	2								
Container Type: (*see codes)								G	G	G	P								
								BTEX, Naph, MTBE, 1,2-DCA	& Oxygenates	EDB	LEAD								
MW-29	2/25/11	1010	G	GW	SHW	7		2	2	2	1								Petro Odor
MW-30	2/25/11	1025																	
MW-31	2/25/11	1150																	
MW-32	2/25/11	1145																	
MW-33	2/25/11	1140																	
MW-34	2/25/11	1120																	
MW-35	2/25/11	1125																	
MW-36	2/24/11	1115																	
MW-37	2/24/11	1045																	
MW-38	2/24/11	1100																	

Turnaround Time:

✓ Standard
___ RUSH*
*Date Required: 3/8/11
(For rush work, results emailed/faxed by end of business day on date required)

Project Location:
✓ SC
___ NC
___ Other
(specify) _____

Relinquished By:	Received By:	Date (mm-dd-yy)	Time (24HR)	Sample Temp. Upon Receipt (°C):	
		2/25/11	1725	3.0 (°C)	___ (N/A)
	FEDEX	2/25/11	1745	___ (°C)	✓ (N/A)
FEDEX	Mark A	2 26 11	1215	___ (°C)	___ (N/A)
				___ (°C)	___ (N/A)

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Project Work Order # 1102M58

Laboratory ID: AGS

Company Name: Terry Environmental

Report To: Randy Brand

Address: PO Box 25

City: Summerville State: SC Zip: 29484

Phone: 843-873-8201 Fax:

Email: rbrand@terryenvironmental.com

Project ID: 2170E Lilcrick + #339

Sampled By: KL

Sample ID/Description	Date Collected	Time Collected	Type: (grab or composite)	Matrix: (see codes)	Program Area (see codes)	TOTAL # of containers	REQUESTED LAB ANALYSIS: BTEX, Naph, MTBE, 1,2-DCA	8 Oxygenates	EDC	LEAD
							Preservative: (*see codes)	1	1	0	2
							Container Type: (*see codes)	G	G	G	P
MW-39	2/25/11	1055	G	GW	SW	7		2	2	2	1
MW-40	2/25/11	1205									
MW-42	2/25/11	1215									
DW-1	2/24/11	1640									
DW-2	2/24/11	1810									
DW-3	2/24/11	1845									
DW-5	2/24/11	1320									
DW-6	2/24/11	1640									
DW-7	2/24/11	1845									
DW-9	2/24/11	1006	↓	↓	↓	↓		↓	↓	↓	↓

ACCESS ANALYTICAL, INC.
7478 Carlisle Street
Irmo, SC 29063
Phone: (803) 781-4243
Fax: 781-4303
www.axs-inc.com

*Preservative Codes (place corresponding # in block above analysis field): 0 = None, 1 = HCL, 2 = HNO_3, 3 = H_2SO_4, 4 = NaOH, 5 = $Na_2S_2O_3$, 6 = Method 5035 set w/ $NaHSO_4$ & CH_3OH, 7 = NaOH/ZnOAC, 8 = H_3PO_4

*Matrix Codes (place corresponding code in matrix column): GW = ground water, WW = waste water, DW = drinking water, S = soil, SL = sludge, A = air, IW = industrial waste, WO = waste oil, OT = other (specify in comments section)

*Program Area Codes: CWA = Clean Water Act (for wastewaters), SDWA = Safe Drinking Water Act (for drinking waters), SHW = Solid and Hazardous Wastes (for soils, ground waters and waste samples)

*Container Type: G = Glass, P = Plastic

NOTES / COMMENTS
(if sample is a composite please use space below to note start/finish times & dates)

Turnaround Time:

✓ Standard
___ RUSH*
*Date Required: 3/8/11
(For rush work, results emailed/faxed by end of business day on date required)

Project Location:
✓ SC
___ NC
___ Other
(specify) _____

Relinquished By:	Received By:	Date (mm-dd-yy)	Time (24HR)	Sample Temp. Upon Receipt (°C):	
		2/25/11	1725	3.0 (°C)	___ (N/A)
	FEDEX	2/25/11	1745	___ (°C)	✓ (N/A)
FEDEX	MAL *	2.26.11	1215	___ (°C)	___ (N/A)
				___ (°C)	___ (N/A)

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Sales Order # _____ **PO #** _____ **Access Quote #** _____

Project Work Order # 1102M58

Laboratory ID: AES

Company Name: Terry Environmental

Report To: Randy Brand

Address: PO Box 25

City: Summerville State: SC Zip: 29484

Phone: 843-879-8200 Fax:

Email: rbrand@terryenvironmental.com

Project ID: 2170E Li'l cricket # 339

Sampled By: KL

Sample ID/Description	Date Collected:	Time Collected:	Type: (grab or composite)	Matrix: (see codes)	Program Area (see codes)	TOTAL # of containers	Preservative: (*see codes)	Container Type: (*see codes)	REQUESTED LAB ANALYSIS: 1	2	3	4	5	6	7	8	9	10	11	12
							1	G	BTEX, Naph, MTBE, 1,2-DCA	8 Oxygenates	EDB	LEAD								
DW-10 [redacted]	2/24/11	1025	G	GW	SHW	7	2	G	2	2	2	1								

ACCESS ANALYTICAL, INC.

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Irmo, SC 29063

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*Preservative Codes (place corresponding # in block above analysis field): 0 = None, 1 = HCL, 2 = HNO_3, 3 = H_2SO_4, 4 = NaOH, 5 = $Na_2S_2O_3$, 6 = Method 5035 set w/ $NaHSO_4$ & CH3OH, 7 = NaOH/ZnOAC, 8 = H_3PO_4

*Matrix Codes (place corresponding code in matrix column): GW = ground water, WW = waste water, DW = drinking water, S = soil, SL = sludge, A = air, IW = industrial waste, WO = waste oil, OT = other (specify in comments section)

*Program Area Codes: CWA = Clean Water Act (for wastewaters), SDWA = Safe Drinking Water Act (for drinking waters), SHW = Solid and Hazardous Wastes (for soils, ground waters and waste samples)

*Container Type: G = Glass, P = Plastic

NOTES / COMMENTS

(if sample is a composite please use space below to note start/finish times & dates)

Turnaround Time:

✓ Standard
___ RUSH*
*Date Required: 3/8/11
(For rush work, results emailed/faxed by end of business day on date required)

Project Location:
✓ SC
___ NC
___ Other
(specify) _____

Relinquished By:	Received By:	Date (mm-dd-yy)	Time (24HR)	Sample Temp. Upon Receipt (°C):	
[signature]	[signature]	2/25/11	1725	3.0 (°C)	___ (N/A)
[signature]	FEDEX	2/25/11	1745	___ (°C)	✓ (N/A)
FEDEX	Mark L	2.26.11	1215	___ (°C)	___ (N/A)
				___ (°C)	___ (N/A)

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Analytical Environmental Services, Inc

Date: 23-Mar-11

Client: Terry Environmental
Project: 2170E Li'l Cricket #339
Lab ID: 1102M58

Case Narrative

Volatile Organic Compounds Analysis by Method 8260B:

Due to sample matrix, Samples 1102M58-003A and -004A required dilution during preparation and/or analysis resulting in elevated reporting limits.

Methyl tert-butyl ether value for sample 1102M58-034A & 036A is "E" qualified indicating an estimated value over linear calibration range.

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-3
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/25/2011 7:45:00 AM
Lab ID:	1102M58-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	2.0	1.0		ug/L	143104	1	03/08/2011 02:25	JE
Toluene	56	1.0		ug/L	143104	1	03/08/2011 02:25	JE
Ethylbenzene	46	1.0		ug/L	143104	1	03/08/2011 02:25	JE
Xylenes, Total	510	3.0		ug/L	143104	1	03/08/2011 02:25	JE
Naphthalene	170	5.0		ug/L	143104	1	03/08/2011 02:25	JE
Methyl tert-butyl ether	BRL	1.0		ug/L	143104	1	03/08/2011 02:25	JE
1,2-Dichloroethane	BRL	1.0		ug/L	143104	1	03/08/2011 02:25	JE
Surr: 4-Bromofluorobenzene	101	64.7-130		%REC	143104	1	03/08/2011 02:25	JE
Surr: Dibromofluoromethane	100	80.7-129		%REC	143104	1	03/08/2011 02:25	JE
Surr: Toluene-d8	97.5	71.1-120		%REC	143104	1	03/08/2011 02:25	JE
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	11.9	1.00		ug/L	142739	1	03/01/2011 22:16	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143104	1	03/08/2011 02:25	JE
Ethanol	BRL	100		ug/L	143104	1	03/08/2011 02:25	JE
Ethyl tert-butyl ether	BRL	100		ug/L	143104	1	03/08/2011 02:25	JE
Isopropyl ether	BRL	10		ug/L	143104	1	03/08/2011 02:25	JE
tert-Amyl alcohol	BRL	100		ug/L	143104	1	03/08/2011 02:25	JE
tert-Amyl methyl ether	BRL	10		ug/L	143104	1	03/08/2011 02:25	JE
tert-Butyl Alcohol	BRL	100		ug/L	143104	1	03/08/2011 02:25	JE
tert-Butyl formate	BRL	100		ug/L	143104	1	03/08/2011 02:25	JE
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142711	1	02/28/2011 21:23	AK
Surr: 4-Bromofluorobenzene	108	66.9-137		%REC	142711	1	02/28/2011 21:23	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-5R
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/25/2011 9:50:00 AM
Lab ID:	1102M58-002	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	143104	1	03/05/2011 16:08	JE
Toluene	BRL	1.0		ug/L	143104	1	03/05/2011 16:08	JE
Ethylbenzene	BRL	1.0		ug/L	143104	1	03/05/2011 16:08	JE
Xylenes, Total	BRL	3.0		ug/L	143104	1	03/05/2011 16:08	JE
Naphthalene	BRL	5.0		ug/L	143104	1	03/05/2011 16:08	JE
Methyl tert-butyl ether	BRL	1.0		ug/L	143104	1	03/05/2011 16:08	JE
1,2-Dichloroethane	BRL	1.0		ug/L	143104	1	03/05/2011 16:08	JE
Surr: 4-Bromofluorobenzene	91.9	64.7-130		%REC	143104	1	03/05/2011 16:08	JE
Surr: Dibromofluoromethane	99.5	80.7-129		%REC	143104	1	03/05/2011 16:08	JE
Surr: Toluene-d8	95.1	71.1-120		%REC	143104	1	03/05/2011 16:08	JE
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	BRL	1.00		ug/L	142739	1	03/01/2011 23:11	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143104	1	03/05/2011 16:08	JE
Ethanol	BRL	100		ug/L	143104	1	03/05/2011 16:08	JE
Ethyl tert-butyl ether	BRL	100		ug/L	143104	1	03/05/2011 16:08	JE
Isopropyl ether	BRL	10		ug/L	143104	1	03/05/2011 16:08	JE
tert-Amyl alcohol	BRL	100		ug/L	143104	1	03/05/2011 16:08	JE
tert-Amyl methyl ether	BRL	10		ug/L	143104	1	03/05/2011 16:08	JE
tert-Butyl Alcohol	BRL	100		ug/L	143104	1	03/05/2011 16:08	JE
tert-Butyl formate	BRL	100		ug/L	143104	1	03/05/2011 16:08	JE
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142711	1	02/28/2011 22:39	AK
Surr: 4-Bromofluorobenzene	107	66.9-137		%REC	142711	1	02/28/2011 22:39	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-9
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/25/2011 7:55:00 AM
Lab ID:	1102M58-003	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	2900	500		ug/L	143104	500	03/05/2011 11:20	JE
Toluene	2700	500		ug/L	143104	500	03/05/2011 11:20	JE
Ethylbenzene	880	500		ug/L	143104	500	03/05/2011 11:20	JE
Xylenes, Total	3900	1500		ug/L	143104	500	03/05/2011 11:20	JE
Naphthalene	BRL	2500		ug/L	143104	500	03/05/2011 11:20	JE
Methyl tert-butyl ether	9900	500		ug/L	143104	500	03/05/2011 11:20	JE
1,2-Dichloroethane	BRL	500		ug/L	143104	500	03/05/2011 11:20	JE
Surr: 4-Bromofluorobenzene	94.1	64.7-130		%REC	143104	500	03/05/2011 11:20	JE
Surr: Dibromofluoromethane	99.9	80.7-129		%REC	143104	500	03/05/2011 11:20	JE
Surr: Toluene-d8	95.7	71.1-120		%REC	143104	500	03/05/2011 11:20	JE
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	7.96	1.00		ug/L	142739	1	03/01/2011 23:18	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	50000		ug/L	143104	500	03/05/2011 11:20	JE
Ethanol	BRL	50000		ug/L	143104	500	03/05/2011 11:20	JE
Ethyl tert-butyl ether	BRL	50000		ug/L	143104	500	03/05/2011 11:20	JE
Isopropyl ether	BRL	5000		ug/L	143104	500	03/05/2011 11:20	JE
tert-Amyl alcohol	BRL	50000		ug/L	143104	500	03/05/2011 11:20	JE
tert-Amyl methyl ether	BRL	5000		ug/L	143104	500	03/05/2011 11:20	JE
tert-Butyl Alcohol	BRL	50000		ug/L	143104	500	03/05/2011 11:20	JE
tert-Butyl formate	BRL	50000		ug/L	143104	500	03/05/2011 11:20	JE
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142711	1	02/28/2011 23:16	AK
Surr: 4-Bromofluorobenzene	98.6	66.9-137		%REC	142711	1	02/28/2011 23:16	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-10
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 5:50:00 PM
Lab ID:	1102M58-004	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	3700	500		ug/L	143104	500	03/05/2011 12:46	JE
Toluene	12000	500		ug/L	143104	500	03/05/2011 12:46	JE
Ethylbenzene	1800	500		ug/L	143104	500	03/05/2011 12:46	JE
Xylenes, Total	10000	1500		ug/L	143104	500	03/05/2011 12:46	JE
Naphthalene	BRL	2500		ug/L	143104	500	03/05/2011 12:46	JE
Methyl tert-butyl ether	4600	500		ug/L	143104	500	03/05/2011 12:46	JE
1,2-Dichloroethane	BRL	500		ug/L	143104	500	03/05/2011 12:46	JE
Surr: 4-Bromofluorobenzene	93.8	64.7-130		%REC	143104	500	03/05/2011 12:46	JE
Surr: Dibromofluoromethane	100	80.7-129		%REC	143104	500	03/05/2011 12:46	JE
Surr: Toluene-d8	94.8	71.1-120		%REC	143104	500	03/05/2011 12:46	JE
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	25.3	1.00		ug/L	142739	1	03/01/2011 23:24	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	50000		ug/L	143104	500	03/05/2011 12:46	JE
Ethanol	BRL	50000		ug/L	143104	500	03/05/2011 12:46	JE
Ethyl tert-butyl ether	BRL	50000		ug/L	143104	500	03/05/2011 12:46	JE
Isopropyl ether	BRL	5000		ug/L	143104	500	03/05/2011 12:46	JE
tert-Amyl alcohol	BRL	50000		ug/L	143104	500	03/05/2011 12:46	JE
tert-Amyl methyl ether	BRL	5000		ug/L	143104	500	03/05/2011 12:46	JE
tert-Butyl Alcohol	BRL	50000		ug/L	143104	500	03/05/2011 12:46	JE
tert-Butyl formate	BRL	50000		ug/L	143104	500	03/05/2011 12:46	JE
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	4.23	0.822		ug/L	142711	40	03/03/2011 02:59	AK
Surr: 4-Bromofluorobenzene	91.7	66.9-137		%REC	142711	1	02/28/2011 23:54	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-11
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 7:20:00 AM
Lab ID:	1102M58-005	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	143104	1	03/05/2011 16:36	JE
Toluene	BRL	1.0		ug/L	143104	1	03/05/2011 16:36	JE
Ethylbenzene	BRL	1.0		ug/L	143104	1	03/05/2011 16:36	JE
Xylenes, Total	BRL	3.0		ug/L	143104	1	03/05/2011 16:36	JE
Naphthalene	BRL	5.0		ug/L	143104	1	03/05/2011 16:36	JE
Methyl tert-butyl ether	BRL	1.0		ug/L	143104	1	03/05/2011 16:36	JE
1,2-Dichloroethane	BRL	1.0		ug/L	143104	1	03/05/2011 16:36	JE
Surr: 4-Bromofluorobenzene	92	64.7-130		%REC	143104	1	03/05/2011 16:36	JE
Surr: Dibromofluoromethane	99	80.7-129		%REC	143104	1	03/05/2011 16:36	JE
Surr: Toluene-d8	96.9	71.1-120		%REC	143104	1	03/05/2011 16:36	JE
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	13.0	1.00		ug/L	142739	1	03/01/2011 23:30	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143104	1	03/05/2011 16:36	JE
Ethanol	BRL	100		ug/L	143104	1	03/05/2011 16:36	JE
Ethyl tert-butyl ether	BRL	100		ug/L	143104	1	03/05/2011 16:36	JE
Isopropyl ether	BRL	10		ug/L	143104	1	03/05/2011 16:36	JE
tert-Amyl alcohol	BRL	100		ug/L	143104	1	03/05/2011 16:36	JE
tert-Amyl methyl ether	BRL	10		ug/L	143104	1	03/05/2011 16:36	JE
tert-Butyl Alcohol	BRL	100		ug/L	143104	1	03/05/2011 16:36	JE
tert-Butyl formate	BRL	100		ug/L	143104	1	03/05/2011 16:36	JE
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142711	1	03/01/2011 01:08	AK
Surr: 4-Bromofluorobenzene	99.8	66.9-137		%REC	142711	1	03/01/2011 01:08	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-12
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 7:30:00 AM
Lab ID:	1102M58-006	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	143104	1	03/05/2011 17:05	JE
Toluene	BRL	1.0		ug/L	143104	1	03/05/2011 17:05	JE
Ethylbenzene	BRL	1.0		ug/L	143104	1	03/05/2011 17:05	JE
Xylenes, Total	BRL	3.0		ug/L	143104	1	03/05/2011 17:05	JE
Naphthalene	BRL	5.0		ug/L	143104	1	03/05/2011 17:05	JE
Methyl tert-butyl ether	22	1.0		ug/L	143104	1	03/05/2011 17:05	JE
1,2-Dichloroethane	BRL	1.0		ug/L	143104	1	03/05/2011 17:05	JE
Surr: 4-Bromofluorobenzene	93.9	64.7-130		%REC	143104	1	03/05/2011 17:05	JE
Surr: Dibromofluoromethane	101	80.7-129		%REC	143104	1	03/05/2011 17:05	JE
Surr: Toluene-d8	95.5	71.1-120		%REC	143104	1	03/05/2011 17:05	JE
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	13.8	1.00		ug/L	142739	1	03/01/2011 23:36	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143104	1	03/05/2011 17:05	JE
Ethanol	BRL	100		ug/L	143104	1	03/05/2011 17:05	JE
Ethyl tert-butyl ether	BRL	100		ug/L	143104	1	03/05/2011 17:05	JE
Isopropyl ether	BRL	10		ug/L	143104	1	03/05/2011 17:05	JE
tert-Amyl alcohol	BRL	100		ug/L	143104	1	03/05/2011 17:05	JE
tert-Amyl methyl ether	BRL	10		ug/L	143104	1	03/05/2011 17:05	JE
tert-Butyl Alcohol	BRL	100		ug/L	143104	1	03/05/2011 17:05	JE
tert-Butyl formate	BRL	100		ug/L	143104	1	03/05/2011 17:05	JE
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142711	1	03/01/2011 01:45	AK
Surr: 4-Bromofluorobenzene	103	66.9-137		%REC	142711	1	03/01/2011 01:45	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-13
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 7:35:00 AM
Lab ID:	1102M58-007	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	72	1.0		ug/L	143104	1	03/05/2011 17:33	JE
Toluene	6.9	1.0		ug/L	143104	1	03/05/2011 17:33	JE
Ethylbenzene	18	1.0		ug/L	143104	1	03/05/2011 17:33	JE
Xylenes, Total	13	3.0		ug/L	143104	1	03/05/2011 17:33	JE
Naphthalene	BRL	5.0		ug/L	143104	1	03/05/2011 17:33	JE
Methyl tert-butyl ether	180	1.0		ug/L	143104	1	03/05/2011 17:33	JE
1,2-Dichloroethane	BRL	1.0		ug/L	143104	1	03/05/2011 17:33	JE
Surr: 4-Bromofluorobenzene	94.1	64.7-130		%REC	143104	1	03/05/2011 17:33	JE
Surr: Dibromofluoromethane	99.1	80.7-129		%REC	143104	1	03/05/2011 17:33	JE
Surr: Toluene-d8	95.8	71.1-120		%REC	143104	1	03/05/2011 17:33	JE
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	6.09	1.00		ug/L	142739	1	03/01/2011 23:43	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143104	1	03/05/2011 17:33	JE
Ethanol	BRL	100		ug/L	143104	1	03/05/2011 17:33	JE
Ethyl tert-butyl ether	BRL	100		ug/L	143104	1	03/05/2011 17:33	JE
Isopropyl ether	12	10		ug/L	143104	1	03/05/2011 17:33	JE
tert-Amyl alcohol	170	100		ug/L	143104	1	03/05/2011 17:33	JE
tert-Amyl methyl ether	BRL	10		ug/L	143104	1	03/05/2011 17:33	JE
tert-Butyl Alcohol	960	100		ug/L	143104	1	03/05/2011 17:33	JE
tert-Butyl formate	BRL	100		ug/L	143104	1	03/05/2011 17:33	JE
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142711	1	03/01/2011 02:22	AK
Surr: 4-Bromofluorobenzene	99.2	66.9-137		%REC	142711	1	03/01/2011 02:22	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-14
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 7:45:00 AM
Lab ID:	1102M58-008	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	143104	1	03/05/2011 18:02	JE
Toluene	BRL	1.0		ug/L	143104	1	03/05/2011 18:02	JE
Ethylbenzene	BRL	1.0		ug/L	143104	1	03/05/2011 18:02	JE
Xylenes, Total	BRL	3.0		ug/L	143104	1	03/05/2011 18:02	JE
Naphthalene	BRL	5.0		ug/L	143104	1	03/05/2011 18:02	JE
Methyl tert-butyl ether	BRL	1.0		ug/L	143104	1	03/05/2011 18:02	JE
1,2-Dichloroethane	BRL	1.0		ug/L	143104	1	03/05/2011 18:02	JE
Surr: 4-Bromofluorobenzene	92.8	64.7-130		%REC	143104	1	03/05/2011 18:02	JE
Surr: Dibromofluoromethane	104	80.7-129		%REC	143104	1	03/05/2011 18:02	JE
Surr: Toluene-d8	93	71.1-120		%REC	143104	1	03/05/2011 18:02	JE
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	14.0	1.00		ug/L	142739	1	03/01/2011 23:49	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143104	1	03/05/2011 18:02	JE
Ethanol	BRL	100		ug/L	143104	1	03/05/2011 18:02	JE
Ethyl tert-butyl ether	BRL	100		ug/L	143104	1	03/05/2011 18:02	JE
Isopropyl ether	BRL	10		ug/L	143104	1	03/05/2011 18:02	JE
tert-Amyl alcohol	BRL	100		ug/L	143104	1	03/05/2011 18:02	JE
tert-Amyl methyl ether	BRL	10		ug/L	143104	1	03/05/2011 18:02	JE
tert-Butyl Alcohol	BRL	100		ug/L	143104	1	03/05/2011 18:02	JE
tert-Butyl formate	BRL	100		ug/L	143104	1	03/05/2011 18:02	JE
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142711	1	03/01/2011 03:00	AK
Surr: 4-Bromofluorobenzene	106	66.9-137		%REC	142711	1	03/01/2011 03:00	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-15
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 4:00:00 PM
Lab ID:	1102M58-009	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	770	10		ug/L	143104	10	03/05/2011 15:38	JE
Toluene	940	10		ug/L	143104	10	03/05/2011 15:38	JE
Ethylbenzene	510	10		ug/L	143104	10	03/05/2011 15:38	JE
Xylenes, Total	2500	30		ug/L	143104	10	03/05/2011 15:38	JE
Naphthalene	190	50		ug/L	143104	10	03/05/2011 15:38	JE
Methyl tert-butyl ether	1200	10		ug/L	143104	10	03/05/2011 15:38	JE
1,2-Dichloroethane	BRL	1.0		ug/L	143104	1	03/08/2011 15:52	AR
Surr: 4-Bromofluorobenzene	96.3	64.7-130		%REC	143104	10	03/05/2011 15:38	JE
Surr: 4-Bromofluorobenzene	106	64.7-130		%REC	143104	1	03/08/2011 15:52	AR
Surr: Dibromofluoromethane	81.4	80.7-129		%REC	143104	1	03/08/2011 15:52	AR
Surr: Dibromofluoromethane	101	80.7-129		%REC	143104	10	03/05/2011 15:38	JE
Surr: Toluene-d8	89.6	71.1-120		%REC	143104	1	03/08/2011 15:52	AR
Surr: Toluene-d8	96.3	71.1-120		%REC	143104	10	03/05/2011 15:38	JE
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	7.74	1.00		ug/L	142739	1	03/01/2011 23:55	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143104	1	03/08/2011 15:52	AR
Ethanol	BRL	100		ug/L	143104	1	03/08/2011 15:52	AR
Ethyl tert-butyl ether	BRL	100		ug/L	143104	1	03/08/2011 15:52	AR
Isopropyl ether	59	10		ug/L	143104	1	03/08/2011 15:52	AR
tert-Amyl alcohol	1600	100		ug/L	143104	1	03/08/2011 15:52	AR
tert-Amyl methyl ether	73	10		ug/L	143104	1	03/08/2011 15:52	AR
tert-Butyl Alcohol	2300	100		ug/L	143104	1	03/08/2011 15:52	AR
tert-Butyl formate	BRL	100		ug/L	143104	1	03/08/2011 15:52	AR
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142711	1	03/01/2011 03:37	AK
Surr: 4-Bromofluorobenzene	97.1	66.9-137		%REC	142711	1	03/01/2011 03:37	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-16
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/25/2011 8:50:00 AM
Lab ID:	1102M58-010	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	60	1.0		ug/L	143104	1	03/05/2011 18:30	JE
Toluene	4.6	1.0		ug/L	143104	1	03/05/2011 18:30	JE
Ethylbenzene	4.8	1.0		ug/L	143104	1	03/05/2011 18:30	JE
Xylenes, Total	18	3.0		ug/L	143104	1	03/05/2011 18:30	JE
Naphthalene	9.0	5.0		ug/L	143104	1	03/05/2011 18:30	JE
Methyl tert-butyl ether	200	1.0		ug/L	143104	1	03/05/2011 18:30	JE
1,2-Dichloroethane	BRL	1.0		ug/L	143104	1	03/05/2011 18:30	JE
Surr: 4-Bromofluorobenzene	91.8	64.7-130		%REC	143104	1	03/05/2011 18:30	JE
Surr: Dibromofluoromethane	97.5	80.7-129		%REC	143104	1	03/05/2011 18:30	JE
Surr: Toluene-d8	95.3	71.1-120		%REC	143104	1	03/05/2011 18:30	JE
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	2.14	1.00		ug/L	142739	1	03/02/2011 00:20	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143104	1	03/05/2011 18:30	JE
Ethanol	BRL	100		ug/L	143104	1	03/05/2011 18:30	JE
Ethyl tert-butyl ether	BRL	100		ug/L	143104	1	03/05/2011 18:30	JE
Isopropyl ether	13	10		ug/L	143104	1	03/05/2011 18:30	JE
tert-Amyl alcohol	BRL	100		ug/L	143104	1	03/05/2011 18:30	JE
tert-Amyl methyl ether	BRL	10		ug/L	143104	1	03/05/2011 18:30	JE
tert-Butyl Alcohol	BRL	100		ug/L	143104	1	03/05/2011 18:30	JE
tert-Butyl formate	BRL	100		ug/L	143104	1	03/05/2011 18:30	JE
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142711	1	03/01/2011 04:14	AK
Surr: 4-Bromofluorobenzene	98	66.9-137		%REC	142711	1	03/01/2011 04:14	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-17
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/25/2011 9:25:00 AM
Lab ID:	1102M58-011	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Benzene	51	1.0		ug/L	143104	1	03/05/2011 18:59	JE
Toluene	BRL	1.0		ug/L	143104	1	03/05/2011 18:59	JE
Ethylbenzene	7.4	1.0		ug/L	143104	1	03/05/2011 18:59	JE
Xylenes, Total	BRL	3.0		ug/L	143104	1	03/05/2011 18:59	JE
Naphthalene	13	5.0		ug/L	143104	1	03/05/2011 18:59	JE
Methyl tert-butyl ether	220	10		ug/L	143104	10	03/08/2011 04:48	JE
1,2-Dichloroethane	BRL	1.0		ug/L	143104	1	03/05/2011 18:59	JE
Surr: 4-Bromofluorobenzene	92.9	64.7-130		%REC	143104	1	03/05/2011 18:59	JE
Surr: 4-Bromofluorobenzene	101	64.7-130		%REC	143104	10	03/08/2011 04:48	JE
Surr: Dibromofluoromethane	97.9	80.7-129		%REC	143104	1	03/05/2011 18:59	JE
Surr: Dibromofluoromethane	99.5	80.7-129		%REC	143104	10	03/08/2011 04:48	JE
Surr: Toluene-d8	94.6	71.1-120		%REC	143104	1	03/05/2011 18:59	JE
Surr: Toluene-d8	95.4	71.1-120		%REC	143104	10	03/08/2011 04:48	JE
Total Metals by ICP/MS SW6020A (SW3005A)								
Lead	2.01	1.00		ug/L	142739	1	03/02/2011 00:26	JY
Oxygenates (AES SOP OA-11010) SW8260B (SW5030B)								
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143104	1	03/05/2011 18:59	JE
Ethanol	BRL	100		ug/L	143104	1	03/05/2011 18:59	JE
Ethyl tert-butyl ether	BRL	100		ug/L	143104	1	03/05/2011 18:59	JE
Isopropyl ether	12	10		ug/L	143104	1	03/05/2011 18:59	JE
tert-Amyl alcohol	BRL	100		ug/L	143104	1	03/05/2011 18:59	JE
tert-Amyl methyl ether	BRL	10		ug/L	143104	1	03/05/2011 18:59	JE
tert-Butyl Alcohol	BRL	100		ug/L	143104	1	03/05/2011 18:59	JE
tert-Butyl formate	BRL	100		ug/L	143104	1	03/05/2011 18:59	JE
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142711	1	03/01/2011 04:52	AK
Surr: 4-Bromofluorobenzene	98.2	66.9-137		%REC	142711	1	03/01/2011 04:52	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-18
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/25/2011 8:15:00 AM
Lab ID:	1102M58-012	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Benzene	370	50		ug/L	143104	50	03/05/2011 13:44	JE
Toluene	340	50		ug/L	143104	50	03/05/2011 13:44	JE
Ethylbenzene	140	1.0		ug/L	143104	1	03/08/2011 03:22	JE
Xylenes, Total	1400	150		ug/L	143104	50	03/05/2011 13:44	JE
Naphthalene	110	5.0		ug/L	143104	1	03/08/2011 03:22	JE
Methyl tert-butyl ether	930	50		ug/L	143104	50	03/05/2011 13:44	JE
1,2-Dichloroethane	BRL	1.0		ug/L	143104	1	03/08/2011 03:22	JE
Surr: 4-Bromofluorobenzene	93.7	64.7-130		%REC	143104	50	03/05/2011 13:44	JE
Surr: 4-Bromofluorobenzene	99.9	64.7-130		%REC	143104	1	03/08/2011 03:22	JE
Surr: Dibromofluoromethane	97.7	80.7-129		%REC	143104	50	03/05/2011 13:44	JE
Surr: Dibromofluoromethane	99	80.7-129		%REC	143104	1	03/08/2011 03:22	JE
Surr: Toluene-d8	94	71.1-120		%REC	143104	50	03/05/2011 13:44	JE
Surr: Toluene-d8	99.7	71.1-120		%REC	143104	1	03/08/2011 03:22	JE
Total Metals by ICP/MS SW6020A (SW3005A)								
Lead	1.26	1.00		ug/L	142739	1	03/02/2011 00:32	JY
Oxygenates (AES SOP OA-11010) SW8260B (SW5030B)								
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143104	1	03/08/2011 03:22	JE
Ethanol	BRL	100		ug/L	143104	1	03/08/2011 03:22	JE
Ethyl tert-butyl ether	BRL	100		ug/L	143104	1	03/08/2011 03:22	JE
Isopropyl ether	65	10		ug/L	143104	1	03/08/2011 03:22	JE
tert-Amyl alcohol	BRL	100		ug/L	143104	1	03/08/2011 03:22	JE
tert-Amyl methyl ether	35	10		ug/L	143104	1	03/08/2011 03:22	JE
tert-Butyl Alcohol	390	100		ug/L	143104	1	03/08/2011 03:22	JE
tert-Butyl formate	BRL	100		ug/L	143104	1	03/08/2011 03:22	JE
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.021		ug/L	142711	1	03/01/2011 05:29	AK
Surr: 4-Bromofluorobenzene	114	66.9-137		%REC	142711	1	03/01/2011 05:29	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-21
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/25/2011 10:40:00 AM
Lab ID:	1102M58-013	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	143104	1	03/05/2011 19:28	JE
Toluene	BRL	1.0		ug/L	143104	1	03/05/2011 19:28	JE
Ethylbenzene	BRL	1.0		ug/L	143104	1	03/05/2011 19:28	JE
Xylenes, Total	BRL	3.0		ug/L	143104	1	03/05/2011 19:28	JE
Naphthalene	BRL	5.0		ug/L	143104	1	03/05/2011 19:28	JE
Methyl tert-butyl ether	BRL	1.0		ug/L	143104	1	03/05/2011 19:28	JE
1,2-Dichloroethane	BRL	1.0		ug/L	143104	1	03/05/2011 19:28	JE
Surr: 4-Bromofluorobenzene	91.1	64.7-130		%REC	143104	1	03/05/2011 19:28	JE
Surr: Dibromofluoromethane	99.7	80.7-129		%REC	143104	1	03/05/2011 19:28	JE
Surr: Toluene-d8	97	71.1-120		%REC	143104	1	03/05/2011 19:28	JE
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	28.9	1.00		ug/L	142739	1	03/02/2011 00:38	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143104	1	03/05/2011 19:28	JE
Ethanol	BRL	100		ug/L	143104	1	03/05/2011 19:28	JE
Ethyl tert-butyl ether	BRL	100		ug/L	143104	1	03/05/2011 19:28	JE
Isopropyl ether	BRL	10		ug/L	143104	1	03/05/2011 19:28	JE
tert-Amyl alcohol	BRL	100		ug/L	143104	1	03/05/2011 19:28	JE
tert-Amyl methyl ether	BRL	10		ug/L	143104	1	03/05/2011 19:28	JE
tert-Butyl Alcohol	BRL	100		ug/L	143104	1	03/05/2011 19:28	JE
tert-Butyl formate	BRL	100		ug/L	143104	1	03/05/2011 19:28	JE
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142711	1	03/01/2011 06:06	AK
Surr: 4-Bromofluorobenzene	103	66.9-137		%REC	142711	1	03/01/2011 06:06	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-22
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 1:15:00 PM
Lab ID:	1102M58-014	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	143104	1	03/08/2011 03:51	JE
Toluene	BRL	1.0		ug/L	143104	1	03/08/2011 03:51	JE
Ethylbenzene	BRL	1.0		ug/L	143104	1	03/08/2011 03:51	JE
Xylenes, Total	BRL	3.0		ug/L	143104	1	03/08/2011 03:51	JE
Naphthalene	BRL	5.0		ug/L	143104	1	03/08/2011 03:51	JE
Methyl tert-butyl ether	BRL	1.0		ug/L	143104	1	03/08/2011 03:51	JE
1,2-Dichloroethane	BRL	1.0		ug/L	143104	1	03/08/2011 03:51	JE
Surr: 4-Bromofluorobenzene	98.4	64.7-130		%REC	143104	1	03/08/2011 03:51	JE
Surr: Dibromofluoromethane	99.3	80.7-129		%REC	143104	1	03/08/2011 03:51	JE
Surr: Toluene-d8	95.1	71.1-120		%REC	143104	1	03/08/2011 03:51	JE
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	15.2	1.00		ug/L	142739	1	03/02/2011 00:45	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143104	1	03/08/2011 03:51	JE
Ethanol	BRL	100		ug/L	143104	1	03/08/2011 03:51	JE
Ethyl tert-butyl ether	BRL	100		ug/L	143104	1	03/08/2011 03:51	JE
Isopropyl ether	BRL	10		ug/L	143104	1	03/08/2011 03:51	JE
tert-Amyl alcohol	BRL	100		ug/L	143104	1	03/08/2011 03:51	JE
tert-Amyl methyl ether	BRL	10		ug/L	143104	1	03/08/2011 03:51	JE
tert-Butyl Alcohol	BRL	100		ug/L	143104	1	03/08/2011 03:51	JE
tert-Butyl formate	BRL	100		ug/L	143104	1	03/08/2011 03:51	JE
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142711	1	03/01/2011 07:21	AK
Surr: 4-Bromofluorobenzene	104	66.9-137		%REC	142711	1	03/01/2011 07:21	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-23
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 1:55:00 PM
Lab ID:	1102M58-015	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	46	1.0		ug/L	143104	1	03/05/2011 19:57	JE
Toluene	4.6	1.0		ug/L	143104	1	03/05/2011 19:57	JE
Ethylbenzene	40	1.0		ug/L	143104	1	03/05/2011 19:57	JE
Xylenes, Total	BRL	3.0		ug/L	143104	1	03/05/2011 19:57	JE
Naphthalene	73	5.0		ug/L	143104	1	03/05/2011 19:57	JE
Methyl tert-butyl ether	140	1.0		ug/L	143104	1	03/05/2011 19:57	JE
1,2-Dichloroethane	BRL	1.0		ug/L	143104	1	03/05/2011 19:57	JE
Surr: 4-Bromofluorobenzene	94.6	64.7-130		%REC	143104	1	03/05/2011 19:57	JE
Surr: Dibromofluoromethane	98.7	80.7-129		%REC	143104	1	03/05/2011 19:57	JE
Surr: Toluene-d8	95.4	71.1-120		%REC	143104	1	03/05/2011 19:57	JE
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	10.6	1.00		ug/L	142739	1	03/02/2011 00:51	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143104	1	03/05/2011 19:57	JE
Ethanol	BRL	100		ug/L	143104	1	03/05/2011 19:57	JE
Ethyl tert-butyl ether	BRL	100		ug/L	143104	1	03/05/2011 19:57	JE
Isopropyl ether	BRL	10		ug/L	143104	1	03/05/2011 19:57	JE
tert-Amyl alcohol	120	100		ug/L	143104	1	03/05/2011 19:57	JE
tert-Amyl methyl ether	BRL	10		ug/L	143104	1	03/05/2011 19:57	JE
tert-Butyl Alcohol	360	100		ug/L	143104	1	03/05/2011 19:57	JE
tert-Butyl formate	BRL	100		ug/L	143104	1	03/05/2011 19:57	JE
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142711	1	03/01/2011 07:58	AK
Surr: 4-Bromofluorobenzene	101	66.9-137		%REC	142711	1	03/01/2011 07:58	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-24
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 2:10:00 PM
Lab ID:	1102M58-016	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	38	1.0		ug/L	143104	1	03/08/2011 04:20	JE
Toluene	63	1.0		ug/L	143104	1	03/08/2011 04:20	JE
Ethylbenzene	460	50		ug/L	143104	50	03/05/2011 15:09	JE
Xylenes, Total	760	150		ug/L	143104	50	03/05/2011 15:09	JE
Naphthalene	200	150		ug/L	143104	50	03/05/2011 15:09	JE
Methyl tert-butyl ether	BRL	1.0		ug/L	143104	1	03/08/2011 04:20	JE
1,2-Dichloroethane	BRL	1.0		ug/L	143104	1	03/08/2011 04:20	JE
Surr: 4-Bromofluorobenzene	94.3	64.7-130		%REC	143104	50	03/05/2011 15:09	JE
Surr: 4-Bromofluorobenzene	101	64.7-130		%REC	143104	1	03/08/2011 04:20	JE
Surr: Dibromofluoromethane	101	80.7-129		%REC	143104	50	03/05/2011 15:09	JE
Surr: Dibromofluoromethane	97.6	80.7-129		%REC	143104	1	03/08/2011 04:20	JE
Surr: Toluene-d8	93.7	71.1-120		%REC	143104	50	03/05/2011 15:09	JE
Surr: Toluene-d8	98.9	71.1-120		%REC	143104	1	03/08/2011 04:20	JE
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	11.0	1.00		ug/L	142739	1	03/02/2011 00:57	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143104	1	03/08/2011 04:20	JE
Ethanol	BRL	100		ug/L	143104	1	03/08/2011 04:20	JE
Ethyl tert-butyl ether	BRL	100		ug/L	143104	1	03/08/2011 04:20	JE
Isopropyl ether	BRL	10		ug/L	143104	1	03/08/2011 04:20	JE
tert-Amyl alcohol	BRL	100		ug/L	143104	1	03/08/2011 04:20	JE
tert-Amyl methyl ether	BRL	10		ug/L	143104	1	03/08/2011 04:20	JE
tert-Butyl Alcohol	BRL	100		ug/L	143104	1	03/08/2011 04:20	JE
tert-Butyl formate	BRL	100		ug/L	143104	1	03/08/2011 04:20	JE
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142711	1	03/01/2011 08:36	AK
Surr: 4-Bromofluorobenzene	98.6	66.9-137		%REC	142711	1	03/01/2011 08:36	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-25
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 2:20:00 PM
Lab ID:	1102M58-017	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	300	10		ug/L	143104	10	03/08/2011 05:17	JE
Toluene	17	1.0		ug/L	143104	1	03/05/2011 20:26	JE
Ethylbenzene	420	10		ug/L	143104	10	03/08/2011 05:17	JE
Xylenes, Total	560	30		ug/L	143104	10	03/08/2011 05:17	JE
Naphthalene	190	5.0		ug/L	143104	1	03/05/2011 20:26	JE
Methyl tert-butyl ether	250	10		ug/L	143104	10	03/08/2011 05:17	JE
1,2-Dichloroethane	BRL	1.0		ug/L	143104	1	03/05/2011 20:26	JE
Surr: 4-Bromofluorobenzene	97.4	64.7-130		%REC	143104	10	03/08/2011 05:17	JE
Surr: 4-Bromofluorobenzene	98.4	64.7-130		%REC	143104	1	03/05/2011 20:26	JE
Surr: Dibromofluoromethane	97.7	80.7-129		%REC	143104	10	03/08/2011 05:17	JE
Surr: Dibromofluoromethane	98.9	80.7-129		%REC	143104	1	03/05/2011 20:26	JE
Surr: Toluene-d8	96	71.1-120		%REC	143104	10	03/08/2011 05:17	JE
Surr: Toluene-d8	98.5	71.1-120		%REC	143104	1	03/05/2011 20:26	JE
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	1.94	1.00		ug/L	142739	1	03/02/2011 01:03	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143104	1	03/05/2011 20:26	JE
Ethanol	BRL	100		ug/L	143104	1	03/05/2011 20:26	JE
Ethyl tert-butyl ether	BRL	100		ug/L	143104	1	03/05/2011 20:26	JE
Isopropyl ether	BRL	10		ug/L	143104	1	03/05/2011 20:26	JE
tert-Amyl alcohol	290	100		ug/L	143104	1	03/05/2011 20:26	JE
tert-Amyl methyl ether	BRL	10		ug/L	143104	1	03/05/2011 20:26	JE
tert-Butyl Alcohol	530	100		ug/L	143104	1	03/05/2011 20:26	JE
tert-Butyl formate	BRL	100		ug/L	143104	1	03/05/2011 20:26	JE
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142711	1	03/01/2011 09:13	AK
Surr: 4-Bromofluorobenzene	94.4	66.9-137		%REC	142711	1	03/01/2011 09:13	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-26
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 3:10:00 PM
Lab ID:	1102M58-018	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	2300	50		ug/L	143104	50	03/05/2011 14:41	JE
Toluene	63	1.0		ug/L	143104	1	03/08/2011 16:17	AR
Ethylbenzene	1700	50		ug/L	143104	50	03/05/2011 14:41	JE
Xylenes, Total	2600	150		ug/L	143104	50	03/05/2011 14:41	JE
Naphthalene	490	250		ug/L	143104	50	03/05/2011 14:41	JE
Methyl tert-butyl ether	520	50		ug/L	143104	50	03/05/2011 14:41	JE
1,2-Dichloroethane	BRL	1.0		ug/L	143104	1	03/08/2011 16:17	AR
Surr: 4-Bromofluorobenzene	97.5	64.7-130		%REC	143104	50	03/05/2011 14:41	JE
Surr: 4-Bromofluorobenzene	107	64.7-130		%REC	143104	1	03/08/2011 16:17	AR
Surr: Dibromofluoromethane	98.7	80.7-129		%REC	143104	50	03/05/2011 14:41	JE
Surr: Dibromofluoromethane	79.2	80.7-129	S	%REC	143104	1	03/08/2011 16:17	AR
Surr: Toluene-d8	93.7	71.1-120		%REC	143104	50	03/05/2011 14:41	JE
Surr: Toluene-d8	87.3	71.1-120		%REC	143104	1	03/08/2011 16:17	AR
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	29.8	1.00		ug/L	142739	1	03/02/2011 01:09	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143104	1	03/08/2011 16:17	AR
Ethanol	BRL	100		ug/L	143104	1	03/08/2011 16:17	AR
Ethyl tert-butyl ether	BRL	100		ug/L	143104	1	03/08/2011 16:17	AR
Isopropyl ether	58	10		ug/L	143104	1	03/08/2011 16:17	AR
tert-Amyl alcohol	2300	100		ug/L	143104	1	03/08/2011 16:17	AR
tert-Amyl methyl ether	48	10		ug/L	143104	1	03/08/2011 16:17	AR
tert-Butyl Alcohol	2100	100		ug/L	143104	1	03/08/2011 16:17	AR
tert-Butyl formate	BRL	100		ug/L	143104	1	03/08/2011 16:17	AR
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142711	1	03/01/2011 09:50	AK
Surr: 4-Bromofluorobenzene	88.7	66.9-137		%REC	142711	1	03/01/2011 09:50	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-27
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 3:15:00 PM
Lab ID:	1102M58-019	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	510	10		ug/L	143104	10	03/08/2011 05:46	JE
Toluene	50	10		ug/L	143104	10	03/08/2011 05:46	JE
Ethylbenzene	1400	10		ug/L	143104	10	03/08/2011 05:46	JE
Xylenes, Total	660	30		ug/L	143104	10	03/08/2011 05:46	JE
Naphthalene	550	50		ug/L	143104	10	03/08/2011 05:46	JE
Methyl tert-butyl ether	28	10		ug/L	143104	10	03/08/2011 05:46	JE
1,2-Dichloroethane	BRL	1.0		ug/L	143104	1	03/08/2011 08:08	JE
Surr: 4-Bromofluorobenzene	99.5	64.7-130		%REC	143104	1	03/08/2011 08:08	JE
Surr: 4-Bromofluorobenzene	101	64.7-130		%REC	143104	10	03/08/2011 05:46	JE
Surr: Dibromofluoromethane	97.9	80.7-129		%REC	143104	1	03/08/2011 08:08	JE
Surr: Dibromofluoromethane	99.1	80.7-129		%REC	143104	10	03/08/2011 05:46	JE
Surr: Toluene-d8	97.7	71.1-120		%REC	143104	10	03/08/2011 05:46	JE
Surr: Toluene-d8	100	71.1-120		%REC	143104	1	03/08/2011 08:08	JE
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	36.8	1.00		ug/L	142739	1	03/02/2011 01:16	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143104	1	03/08/2011 08:08	JE
Ethanol	BRL	100		ug/L	143104	1	03/08/2011 08:08	JE
Ethyl tert-butyl ether	BRL	100		ug/L	143104	1	03/08/2011 08:08	JE
Isopropyl ether	BRL	10		ug/L	143104	1	03/08/2011 08:08	JE
tert-Amyl alcohol	BRL	100		ug/L	143104	1	03/08/2011 08:08	JE
tert-Amyl methyl ether	BRL	10		ug/L	143104	1	03/08/2011 08:08	JE
tert-Butyl Alcohol	BRL	100		ug/L	143104	1	03/08/2011 08:08	JE
tert-Butyl formate	BRL	100		ug/L	143104	1	03/08/2011 08:08	JE
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142711	1	03/01/2011 10:28	AK
Surr: 4-Bromofluorobenzene	96.9	66.9-137		%REC	142711	1	03/01/2011 10:28	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-28
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 2:40:00 PM
Lab ID:	1102M58-020	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	143104	1	03/08/2011 02:53	JE
Toluene	BRL	1.0		ug/L	143104	1	03/08/2011 02:53	JE
Ethylbenzene	BRL	1.0		ug/L	143104	1	03/08/2011 02:53	JE
Xylenes, Total	BRL	3.0		ug/L	143104	1	03/08/2011 02:53	JE
Naphthalene	5.9	5.0		ug/L	143104	1	03/08/2011 02:53	JE
Methyl tert-butyl ether	54	1.0		ug/L	143104	1	03/08/2011 02:53	JE
1,2-Dichloroethane	BRL	1.0		ug/L	143104	1	03/08/2011 02:53	JE
Surr: 4-Bromofluorobenzene	99.9	64.7-130		%REC	143104	1	03/08/2011 02:53	JE
Surr: Dibromofluoromethane	101	80.7-129		%REC	143104	1	03/08/2011 02:53	JE
Surr: Toluene-d8	94.2	71.1-120		%REC	143104	1	03/08/2011 02:53	JE
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	20.4	1.00		ug/L	142739	1	03/02/2011 01:40	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143104	1	03/08/2011 02:53	JE
Ethanol	BRL	100		ug/L	143104	1	03/08/2011 02:53	JE
Ethyl tert-butyl ether	BRL	100		ug/L	143104	1	03/08/2011 02:53	JE
Isopropyl ether	BRL	10		ug/L	143104	1	03/08/2011 02:53	JE
tert-Amyl alcohol	BRL	100		ug/L	143104	1	03/08/2011 02:53	JE
tert-Amyl methyl ether	BRL	10		ug/L	143104	1	03/08/2011 02:53	JE
tert-Butyl Alcohol	BRL	100		ug/L	143104	1	03/08/2011 02:53	JE
tert-Butyl formate	BRL	100		ug/L	143104	1	03/08/2011 02:53	JE
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142711	1	03/01/2011 11:06	AK
Surr: 4-Bromofluorobenzene	98.9	66.9-137		%REC	142711	1	03/01/2011 11:06	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-29
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/25/2011 10:10:00 AM
Lab ID:	1102M58-021	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	20		ug/L	143063	20	03/04/2011 20:07	AR
Toluene	53	20		ug/L	143063	20	03/04/2011 20:07	AR
Ethylbenzene	120	20		ug/L	143063	20	03/04/2011 20:07	AR
Xylenes, Total	270	60		ug/L	143063	20	03/04/2011 20:07	AR
Naphthalene	BRL	100		ug/L	143063	20	03/04/2011 20:07	AR
Methyl tert-butyl ether	BRL	20		ug/L	143063	20	03/04/2011 20:07	AR
1,2-Dichloroethane	BRL	20		ug/L	143063	20	03/04/2011 20:07	AR
Surr: 4-Bromofluorobenzene	89	64.7-130		%REC	143063	20	03/04/2011 20:07	AR
Surr: Dibromofluoromethane	97.5	80.7-129		%REC	143063	20	03/04/2011 20:07	AR
Surr: Toluene-d8	89.6	71.1-120		%REC	143063	20	03/04/2011 20:07	AR
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	6.40	1.00		ug/L	142740	1	03/02/2011 01:59	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	2000		ug/L	143063	20	03/04/2011 20:07	AR
Ethanol	BRL	2000		ug/L	143063	20	03/04/2011 20:07	AR
Ethyl tert-butyl ether	BRL	2000		ug/L	143063	20	03/04/2011 20:07	AR
Isopropyl ether	BRL	200		ug/L	143063	20	03/04/2011 20:07	AR
tert-Amyl alcohol	BRL	2000		ug/L	143063	20	03/04/2011 20:07	AR
tert-Amyl methyl ether	BRL	200		ug/L	143063	20	03/04/2011 20:07	AR
tert-Butyl Alcohol	BRL	2000		ug/L	143063	20	03/04/2011 20:07	AR
tert-Butyl formate	BRL	2000		ug/L	143063	20	03/04/2011 20:07	AR
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142737	1	03/01/2011 19:15	AK
Surr: 4-Bromofluorobenzene	103	66.9-137		%REC	142737	1	03/01/2011 19:15	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-30
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/25/2011 10:25:00 AM
Lab ID:	1102M58-022	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	2.2	1.0		ug/L	143063	1	03/04/2011 20:32	AR
Toluene	BRL	1.0		ug/L	143063	1	03/04/2011 20:32	AR
Ethylbenzene	BRL	1.0		ug/L	143063	1	03/04/2011 20:32	AR
Xylenes, Total	BRL	3.0		ug/L	143063	1	03/04/2011 20:32	AR
Naphthalene	BRL	5.0		ug/L	143063	1	03/04/2011 20:32	AR
Methyl tert-butyl ether	6.1	1.0		ug/L	143063	1	03/04/2011 20:32	AR
1,2-Dichloroethane	BRL	1.0		ug/L	143063	1	03/04/2011 20:32	AR
Surr: 4-Bromofluorobenzene	80.5	64.7-130		%REC	143063	1	03/04/2011 20:32	AR
Surr: Dibromofluoromethane	101	80.7-129		%REC	143063	1	03/04/2011 20:32	AR
Surr: Toluene-d8	88.3	71.1-120		%REC	143063	1	03/04/2011 20:32	AR
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	BRL	1.00		ug/L	142740	1	03/02/2011 02:30	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143063	1	03/04/2011 20:32	AR
Ethanol	BRL	100		ug/L	143063	1	03/04/2011 20:32	AR
Ethyl tert-butyl ether	BRL	100		ug/L	143063	1	03/04/2011 20:32	AR
Isopropyl ether	BRL	10		ug/L	143063	1	03/04/2011 20:32	AR
tert-Amyl alcohol	BRL	100		ug/L	143063	1	03/04/2011 20:32	AR
tert-Amyl methyl ether	BRL	10		ug/L	143063	1	03/04/2011 20:32	AR
tert-Butyl Alcohol	BRL	100		ug/L	143063	1	03/04/2011 20:32	AR
tert-Butyl formate	BRL	100		ug/L	143063	1	03/04/2011 20:32	AR
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142737	1	03/01/2011 20:30	AK
Surr: 4-Bromofluorobenzene	103	66.9-137		%REC	142737	1	03/01/2011 20:30	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-31
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/25/2011 11:50:00 AM
Lab ID:	1102M58-023	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	143063	1	03/04/2011 20:57	AR
Toluene	BRL	1.0		ug/L	143063	1	03/04/2011 20:57	AR
Ethylbenzene	BRL	1.0		ug/L	143063	1	03/04/2011 20:57	AR
Xylenes, Total	BRL	3.0		ug/L	143063	1	03/04/2011 20:57	AR
Naphthalene	BRL	5.0		ug/L	143063	1	03/04/2011 20:57	AR
Methyl tert-butyl ether	BRL	1.0		ug/L	143063	1	03/04/2011 20:57	AR
1,2-Dichloroethane	BRL	1.0		ug/L	143063	1	03/04/2011 20:57	AR
Surr: 4-Bromofluorobenzene	83.4	64.7-130		%REC	143063	1	03/04/2011 20:57	AR
Surr: Dibromofluoromethane	103	80.7-129		%REC	143063	1	03/04/2011 20:57	AR
Surr: Toluene-d8	91.1	71.1-120		%REC	143063	1	03/04/2011 20:57	AR
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	8.18	1.00		ug/L	142740	1	03/02/2011 02:37	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143063	1	03/04/2011 20:57	AR
Ethanol	BRL	100		ug/L	143063	1	03/04/2011 20:57	AR
Ethyl tert-butyl ether	BRL	100		ug/L	143063	1	03/04/2011 20:57	AR
Isopropyl ether	BRL	10		ug/L	143063	1	03/04/2011 20:57	AR
tert-Amyl alcohol	BRL	100		ug/L	143063	1	03/04/2011 20:57	AR
tert-Amyl methyl ether	BRL	10		ug/L	143063	1	03/04/2011 20:57	AR
tert-Butyl Alcohol	BRL	100		ug/L	143063	1	03/04/2011 20:57	AR
tert-Butyl formate	BRL	100		ug/L	143063	1	03/04/2011 20:57	AR
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142737	1	03/01/2011 21:07	AK
Surr: 4-Bromofluorobenzene	108	66.9-137		%REC	142737	1	03/01/2011 21:07	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-32
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/25/2011 11:45:00 AM
Lab ID:	1102M58-024	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	143063	1	03/04/2011 21:22	AR
Toluene	BRL	1.0		ug/L	143063	1	03/04/2011 21:22	AR
Ethylbenzene	BRL	1.0		ug/L	143063	1	03/04/2011 21:22	AR
Xylenes, Total	BRL	3.0		ug/L	143063	1	03/04/2011 21:22	AR
Naphthalene	BRL	5.0		ug/L	143063	1	03/04/2011 21:22	AR
Methyl tert-butyl ether	BRL	1.0		ug/L	143063	1	03/04/2011 21:22	AR
1,2-Dichloroethane	BRL	1.0		ug/L	143063	1	03/04/2011 21:22	AR
Surr: 4-Bromofluorobenzene	83	64.7-130		%REC	143063	1	03/04/2011 21:22	AR
Surr: Dibromofluoromethane	102	80.7-129		%REC	143063	1	03/04/2011 21:22	AR
Surr: Toluene-d8	90	71.1-120		%REC	143063	1	03/04/2011 21:22	AR
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	11.9	1.00		ug/L	142740	1	03/02/2011 03:01	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143063	1	03/04/2011 21:22	AR
Ethanol	BRL	100		ug/L	143063	1	03/04/2011 21:22	AR
Ethyl tert-butyl ether	BRL	100		ug/L	143063	1	03/04/2011 21:22	AR
Isopropyl ether	BRL	10		ug/L	143063	1	03/04/2011 21:22	AR
tert-Amyl alcohol	BRL	100		ug/L	143063	1	03/04/2011 21:22	AR
tert-Amyl methyl ether	BRL	10		ug/L	143063	1	03/04/2011 21:22	AR
tert-Butyl Alcohol	BRL	100		ug/L	143063	1	03/04/2011 21:22	AR
tert-Butyl formate	BRL	100		ug/L	143063	1	03/04/2011 21:22	AR
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.021		ug/L	142737	1	03/01/2011 21:45	AK
Surr: 4-Bromofluorobenzene	106	66.9-137		%REC	142737	1	03/01/2011 21:45	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-33
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/25/2011 11:40:00 AM
Lab ID:	1102M58-025	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	143063	1	03/08/2011 16:42	AR
Toluene	BRL	1.0		ug/L	143063	1	03/08/2011 16:42	AR
Ethylbenzene	5.0	1.0		ug/L	143063	1	03/08/2011 16:42	AR
Xylenes, Total	8.2	3.0		ug/L	143063	1	03/08/2011 16:42	AR
Naphthalene	15	5.0		ug/L	143063	1	03/08/2011 16:42	AR
Methyl tert-butyl ether	BRL	1.0		ug/L	143063	1	03/08/2011 16:42	AR
1,2-Dichloroethane	BRL	1.0		ug/L	143063	1	03/08/2011 16:42	AR
Surr: 4-Bromofluorobenzene	92.5	64.7-130		%REC	143063	1	03/08/2011 16:42	AR
Surr: Dibromofluoromethane	86.5	80.7-129		%REC	143063	1	03/08/2011 16:42	AR
Surr: Toluene-d8	86.4	71.1-120		%REC	143063	1	03/08/2011 16:42	AR
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	31.7	1.00		ug/L	142740	1	03/02/2011 03:07	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143063	1	03/08/2011 16:42	AR
Ethanol	BRL	100		ug/L	143063	1	03/08/2011 16:42	AR
Ethyl tert-butyl ether	BRL	100		ug/L	143063	1	03/08/2011 16:42	AR
Isopropyl ether	BRL	10		ug/L	143063	1	03/08/2011 16:42	AR
tert-Amyl alcohol	BRL	100		ug/L	143063	1	03/08/2011 16:42	AR
tert-Amyl methyl ether	BRL	10		ug/L	143063	1	03/08/2011 16:42	AR
tert-Butyl Alcohol	BRL	100		ug/L	143063	1	03/08/2011 16:42	AR
tert-Butyl formate	BRL	100		ug/L	143063	1	03/08/2011 16:42	AR
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142737	1	03/01/2011 22:22	AK
Surr: 4-Bromofluorobenzene	107	66.9-137		%REC	142737	1	03/01/2011 22:22	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-34
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/25/2011 11:20:00 AM
Lab ID:	1102M58-026	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	143063	1	03/05/2011 11:04	AR
Toluene	BRL	1.0		ug/L	143063	1	03/05/2011 11:04	AR
Ethylbenzene	BRL	1.0		ug/L	143063	1	03/05/2011 11:04	AR
Xylenes, Total	BRL	3.0		ug/L	143063	1	03/05/2011 11:04	AR
Naphthalene	BRL	5.0		ug/L	143063	1	03/05/2011 11:04	AR
Methyl tert-butyl ether	BRL	1.0		ug/L	143063	1	03/05/2011 11:04	AR
1,2-Dichloroethane	BRL	1.0		ug/L	143063	1	03/05/2011 11:04	AR
Surr: 4-Bromofluorobenzene	85.4	64.7-130		%REC	143063	1	03/05/2011 11:04	AR
Surr: Dibromofluoromethane	101	80.7-129		%REC	143063	1	03/05/2011 11:04	AR
Surr: Toluene-d8	89.3	71.1-120		%REC	143063	1	03/05/2011 11:04	AR
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	34.7	1.00		ug/L	142740	1	03/02/2011 03:14	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143063	1	03/05/2011 11:04	AR
Ethanol	BRL	100		ug/L	143063	1	03/05/2011 11:04	AR
Ethyl tert-butyl ether	BRL	100		ug/L	143063	1	03/05/2011 11:04	AR
Isopropyl ether	BRL	10		ug/L	143063	1	03/05/2011 11:04	AR
tert-Amyl alcohol	BRL	100		ug/L	143063	1	03/05/2011 11:04	AR
tert-Amyl methyl ether	BRL	10		ug/L	143063	1	03/05/2011 11:04	AR
tert-Butyl Alcohol	BRL	100		ug/L	143063	1	03/05/2011 11:04	AR
tert-Butyl formate	BRL	100		ug/L	143063	1	03/05/2011 11:04	AR
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.021		ug/L	142737	1	03/01/2011 22:59	AK
Surr: 4-Bromofluorobenzene	112	66.9-137		%REC	142737	1	03/01/2011 22:59	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-35
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/25/2011 11:25:00 AM
Lab ID:	1102M58-027	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	143063	1	03/05/2011 11:28	AR
Toluene	BRL	1.0		ug/L	143063	1	03/05/2011 11:28	AR
Ethylbenzene	BRL	1.0		ug/L	143063	1	03/05/2011 11:28	AR
Xylenes, Total	BRL	3.0		ug/L	143063	1	03/05/2011 11:28	AR
Naphthalene	BRL	5.0		ug/L	143063	1	03/05/2011 11:28	AR
Methyl tert-butyl ether	BRL	1.0		ug/L	143063	1	03/05/2011 11:28	AR
1,2-Dichloroethane	BRL	1.0		ug/L	143063	1	03/05/2011 11:28	AR
Surr: 4-Bromofluorobenzene	83.7	64.7-130		%REC	143063	1	03/05/2011 11:28	AR
Surr: Dibromofluoromethane	102	80.7-129		%REC	143063	1	03/05/2011 11:28	AR
Surr: Toluene-d8	90.9	71.1-120		%REC	143063	1	03/05/2011 11:28	AR
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	23.6	1.00		ug/L	142740	1	03/02/2011 03:20	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143063	1	03/05/2011 11:28	AR
Ethanol	BRL	100		ug/L	143063	1	03/05/2011 11:28	AR
Ethyl tert-butyl ether	BRL	100		ug/L	143063	1	03/05/2011 11:28	AR
Isopropyl ether	BRL	10		ug/L	143063	1	03/05/2011 11:28	AR
tert-Amyl alcohol	BRL	100		ug/L	143063	1	03/05/2011 11:28	AR
tert-Amyl methyl ether	BRL	10		ug/L	143063	1	03/05/2011 11:28	AR
tert-Butyl Alcohol	BRL	100		ug/L	143063	1	03/05/2011 11:28	AR
tert-Butyl formate	BRL	100		ug/L	143063	1	03/05/2011 11:28	AR
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142737	1	03/01/2011 23:36	AK
Surr: 4-Bromofluorobenzene	111	66.9-137		%REC	142737	1	03/01/2011 23:36	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-36
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 11:15:00 AM
Lab ID:	1102M58-028	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	143063	1	03/05/2011 11:53	AR
Toluene	BRL	1.0		ug/L	143063	1	03/05/2011 11:53	AR
Ethylbenzene	BRL	1.0		ug/L	143063	1	03/05/2011 11:53	AR
Xylenes, Total	BRL	3.0		ug/L	143063	1	03/05/2011 11:53	AR
Naphthalene	BRL	5.0		ug/L	143063	1	03/05/2011 11:53	AR
Methyl tert-butyl ether	BRL	1.0		ug/L	143063	1	03/05/2011 11:53	AR
1,2-Dichloroethane	BRL	1.0		ug/L	143063	1	03/05/2011 11:53	AR
Surr: 4-Bromofluorobenzene	85.1	64.7-130		%REC	143063	1	03/05/2011 11:53	AR
Surr: Dibromofluoromethane	103	80.7-129		%REC	143063	1	03/05/2011 11:53	AR
Surr: Toluene-d8	90.8	71.1-120		%REC	143063	1	03/05/2011 11:53	AR
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	4.09	1.00		ug/L	142740	1	03/02/2011 03:26	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143063	1	03/05/2011 11:53	AR
Ethanol	BRL	100		ug/L	143063	1	03/05/2011 11:53	AR
Ethyl tert-butyl ether	BRL	100		ug/L	143063	1	03/05/2011 11:53	AR
Isopropyl ether	BRL	10		ug/L	143063	1	03/05/2011 11:53	AR
tert-Amyl alcohol	BRL	100		ug/L	143063	1	03/05/2011 11:53	AR
tert-Amyl methyl ether	BRL	10		ug/L	143063	1	03/05/2011 11:53	AR
tert-Butyl Alcohol	BRL	100		ug/L	143063	1	03/05/2011 11:53	AR
tert-Butyl formate	BRL	100		ug/L	143063	1	03/05/2011 11:53	AR
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142737	1	03/02/2011 00:51	AK
Surr: 4-Bromofluorobenzene	109	66.9-137		%REC	142737	1	03/02/2011 00:51	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-37
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 10:45:00 AM
Lab ID:	1102M58-029	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	143063	1	03/05/2011 12:18	AR
Toluene	BRL	1.0		ug/L	143063	1	03/05/2011 12:18	AR
Ethylbenzene	BRL	1.0		ug/L	143063	1	03/05/2011 12:18	AR
Xylenes, Total	BRL	3.0		ug/L	143063	1	03/05/2011 12:18	AR
Naphthalene	BRL	5.0		ug/L	143063	1	03/05/2011 12:18	AR
Methyl tert-butyl ether	BRL	1.0		ug/L	143063	1	03/05/2011 12:18	AR
1,2-Dichloroethane	BRL	1.0		ug/L	143063	1	03/05/2011 12:18	AR
Surr: 4-Bromofluorobenzene	84.6	64.7-130		%REC	143063	1	03/05/2011 12:18	AR
Surr: Dibromofluoromethane	106	80.7-129		%REC	143063	1	03/05/2011 12:18	AR
Surr: Toluene-d8	92	71.1-120		%REC	143063	1	03/05/2011 12:18	AR
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	25.5	1.00		ug/L	142740	1	03/02/2011 03:32	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143063	1	03/05/2011 12:18	AR
Ethanol	BRL	100		ug/L	143063	1	03/05/2011 12:18	AR
Ethyl tert-butyl ether	BRL	100		ug/L	143063	1	03/05/2011 12:18	AR
Isopropyl ether	BRL	10		ug/L	143063	1	03/05/2011 12:18	AR
tert-Amyl alcohol	BRL	100		ug/L	143063	1	03/05/2011 12:18	AR
tert-Amyl methyl ether	BRL	10		ug/L	143063	1	03/05/2011 12:18	AR
tert-Butyl Alcohol	BRL	100		ug/L	143063	1	03/05/2011 12:18	AR
tert-Butyl formate	BRL	100		ug/L	143063	1	03/05/2011 12:18	AR
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.021		ug/L	142737	1	03/02/2011 01:28	AK
Surr: 4-Bromofluorobenzene	109	66.9-137		%REC	142737	1	03/02/2011 01:28	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-38
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 11:00:00 AM
Lab ID:	1102M58-030	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	143063	1	03/05/2011 12:43	AR
Toluene	BRL	1.0		ug/L	143063	1	03/05/2011 12:43	AR
Ethylbenzene	BRL	1.0		ug/L	143063	1	03/05/2011 12:43	AR
Xylenes, Total	BRL	3.0		ug/L	143063	1	03/05/2011 12:43	AR
Naphthalene	BRL	5.0		ug/L	143063	1	03/05/2011 12:43	AR
Methyl tert-butyl ether	BRL	1.0		ug/L	143063	1	03/05/2011 12:43	AR
1,2-Dichloroethane	BRL	1.0		ug/L	143063	1	03/05/2011 12:43	AR
Surr: 4-Bromofluorobenzene	81.7	64.7-130		%REC	143063	1	03/05/2011 12:43	AR
Surr: Dibromofluoromethane	104	80.7-129		%REC	143063	1	03/05/2011 12:43	AR
Surr: Toluene-d8	91.4	71.1-120		%REC	143063	1	03/05/2011 12:43	AR
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	11.0	1.00		ug/L	142740	1	03/02/2011 03:39	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143063	1	03/05/2011 12:43	AR
Ethanol	BRL	100		ug/L	143063	1	03/05/2011 12:43	AR
Ethyl tert-butyl ether	BRL	100		ug/L	143063	1	03/05/2011 12:43	AR
Isopropyl ether	BRL	10		ug/L	143063	1	03/05/2011 12:43	AR
tert-Amyl alcohol	BRL	100		ug/L	143063	1	03/05/2011 12:43	AR
tert-Amyl methyl ether	BRL	10		ug/L	143063	1	03/05/2011 12:43	AR
tert-Butyl Alcohol	BRL	100		ug/L	143063	1	03/05/2011 12:43	AR
tert-Butyl formate	BRL	100		ug/L	143063	1	03/05/2011 12:43	AR
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142737	1	03/02/2011 02:05	AK
Surr: 4-Bromofluorobenzene	109	66.9-137		%REC	142737	1	03/02/2011 02:05	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-39
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/25/2011 10:55:00 AM
Lab ID:	1102M58-031	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	1.3	1.0		ug/L	143063	1	03/08/2011 01:57	JE
Toluene	BRL	1.0		ug/L	143063	1	03/08/2011 01:57	JE
Ethylbenzene	BRL	1.0		ug/L	143063	1	03/08/2011 01:57	JE
Xylenes, Total	BRL	3.0		ug/L	143063	1	03/08/2011 01:57	JE
Naphthalene	BRL	5.0		ug/L	143063	1	03/08/2011 01:57	JE
Methyl tert-butyl ether	5.0	1.0		ug/L	143063	1	03/08/2011 01:57	JE
1,2-Dichloroethane	BRL	1.0		ug/L	143063	1	03/08/2011 01:57	JE
Surr: 4-Bromofluorobenzene	96.6	64.7-130		%REC	143063	1	03/08/2011 01:57	JE
Surr: Dibromofluoromethane	99	80.7-129		%REC	143063	1	03/08/2011 01:57	JE
Surr: Toluene-d8	97.1	71.1-120		%REC	143063	1	03/08/2011 01:57	JE
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	20.3	1.00		ug/L	142740	1	03/02/2011 03:45	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143063	1	03/08/2011 01:57	JE
Ethanol	BRL	100		ug/L	143063	1	03/08/2011 01:57	JE
Ethyl tert-butyl ether	BRL	100		ug/L	143063	1	03/08/2011 01:57	JE
Isopropyl ether	BRL	10		ug/L	143063	1	03/08/2011 01:57	JE
tert-Amyl alcohol	BRL	100		ug/L	143063	1	03/08/2011 01:57	JE
tert-Amyl methyl ether	BRL	10		ug/L	143063	1	03/08/2011 01:57	JE
tert-Butyl Alcohol	BRL	100		ug/L	143063	1	03/08/2011 01:57	JE
tert-Butyl formate	BRL	100		ug/L	143063	1	03/08/2011 01:57	JE
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142737	1	03/02/2011 02:42	AK
Surr: 4-Bromofluorobenzene	107	66.9-137		%REC	142737	1	03/02/2011 02:42	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-40
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/25/2011 12:05:00 PM
Lab ID:	1102M58-032	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	143063	1	03/07/2011 11:44	AR
Toluene	BRL	1.0		ug/L	143063	1	03/07/2011 11:44	AR
Ethylbenzene	BRL	1.0		ug/L	143063	1	03/07/2011 11:44	AR
Xylenes, Total	BRL	3.0		ug/L	143063	1	03/07/2011 11:44	AR
Naphthalene	BRL	5.0		ug/L	143063	1	03/07/2011 11:44	AR
Methyl tert-butyl ether	BRL	1.0		ug/L	143063	1	03/07/2011 11:44	AR
1,2-Dichloroethane	BRL	1.0		ug/L	143063	1	03/07/2011 11:44	AR
Surr: 4-Bromofluorobenzene	85	64.7-130		%REC	143063	1	03/07/2011 11:44	AR
Surr: Dibromofluoromethane	102	80.7-129		%REC	143063	1	03/07/2011 11:44	AR
Surr: Toluene-d8	90.2	71.1-120		%REC	143063	1	03/07/2011 11:44	AR
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	50.1	1.00		ug/L	142740	1	03/02/2011 03:51	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143063	1	03/07/2011 11:09	AR
Ethanol	BRL	100		ug/L	143063	1	03/07/2011 11:09	AR
Ethyl tert-butyl ether	BRL	100		ug/L	143063	1	03/07/2011 11:09	AR
Isopropyl ether	BRL	10		ug/L	143063	1	03/07/2011 11:09	AR
tert-Amyl alcohol	BRL	100		ug/L	143063	1	03/07/2011 11:09	AR
tert-Amyl methyl ether	BRL	10		ug/L	143063	1	03/07/2011 11:09	AR
tert-Butyl Alcohol	BRL	100		ug/L	143063	1	03/07/2011 11:09	AR
tert-Butyl formate	BRL	100		ug/L	143063	1	03/07/2011 11:09	AR
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142737	1	03/02/2011 03:19	AK
Surr: 4-Bromofluorobenzene	90.4	66.9-137		%REC	142737	1	03/02/2011 03:19	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-42
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/25/2011 12:15:00 PM
Lab ID:	1102M58-033	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	143063	1	03/07/2011 12:09	AR
Toluene	BRL	1.0		ug/L	143063	1	03/07/2011 12:09	AR
Ethylbenzene	BRL	1.0		ug/L	143063	1	03/07/2011 12:09	AR
Xylenes, Total	BRL	3.0		ug/L	143063	1	03/07/2011 12:09	AR
Naphthalene	BRL	5.0		ug/L	143063	1	03/07/2011 12:09	AR
Methyl tert-butyl ether	BRL	1.0		ug/L	143063	1	03/07/2011 12:09	AR
1,2-Dichloroethane	BRL	1.0		ug/L	143063	1	03/07/2011 12:09	AR
Surr: 4-Bromofluorobenzene	84.9	64.7-130		%REC	143063	1	03/07/2011 12:09	AR
Surr: Dibromofluoromethane	102	80.7-129		%REC	143063	1	03/07/2011 12:09	AR
Surr: Toluene-d8	91	71.1-120		%REC	143063	1	03/07/2011 12:09	AR
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	10.8	1.00		ug/L	142740	1	03/02/2011 03:57	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143063	1	03/07/2011 11:44	AR
Ethanol	BRL	100		ug/L	143063	1	03/07/2011 11:44	AR
Ethyl tert-butyl ether	BRL	100		ug/L	143063	1	03/07/2011 11:44	AR
Isopropyl ether	BRL	10		ug/L	143063	1	03/07/2011 11:44	AR
tert-Amyl alcohol	BRL	100		ug/L	143063	1	03/07/2011 11:44	AR
tert-Amyl methyl ether	BRL	10		ug/L	143063	1	03/07/2011 11:44	AR
tert-Butyl Alcohol	BRL	100		ug/L	143063	1	03/07/2011 11:44	AR
tert-Butyl formate	BRL	100		ug/L	143063	1	03/07/2011 11:44	AR
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142737	1	03/02/2011 03:56	AK
Surr: 4-Bromofluorobenzene	99	66.9-137		%REC	142737	1	03/02/2011 03:56	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	DW-1
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 4:40:00 PM
Lab ID:	1102M58-034	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	2.8	1.0		ug/L	143063	1	03/07/2011 12:36	AR
Toluene	BRL	1.0		ug/L	143063	1	03/07/2011 12:36	AR
Ethylbenzene	BRL	1.0		ug/L	143063	1	03/07/2011 12:36	AR
Xylenes, Total	BRL	3.0		ug/L	143063	1	03/07/2011 12:36	AR
Naphthalene	BRL	5.0		ug/L	143063	1	03/07/2011 12:36	AR
Methyl tert-butyl ether	330	1.0	E	ug/L	143063	1	03/07/2011 12:36	AR
1,2-Dichloroethane	BRL	1.0		ug/L	143063	1	03/07/2011 12:36	AR
Surr: 4-Bromofluorobenzene	85.3	64.7-130		%REC	143063	1	03/07/2011 12:36	AR
Surr: Dibromofluoromethane	98.1	80.7-129		%REC	143063	1	03/07/2011 12:36	AR
Surr: Toluene-d8	88.4	71.1-120		%REC	143063	1	03/07/2011 12:36	AR
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	BRL	1.00		ug/L	142740	1	03/02/2011 04:22	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143063	1	03/07/2011 12:09	AR
Ethanol	BRL	100		ug/L	143063	1	03/07/2011 12:09	AR
Ethyl tert-butyl ether	BRL	100		ug/L	143063	1	03/07/2011 12:09	AR
Isopropyl ether	BRL	10		ug/L	143063	1	03/07/2011 12:09	AR
tert-Amyl alcohol	BRL	100		ug/L	143063	1	03/07/2011 12:09	AR
tert-Amyl methyl ether	BRL	10		ug/L	143063	1	03/07/2011 12:09	AR
tert-Butyl Alcohol	BRL	100		ug/L	143063	1	03/07/2011 12:09	AR
tert-Butyl formate	BRL	100		ug/L	143063	1	03/07/2011 12:09	AR
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142737	1	03/02/2011 04:34	AK
Surr: 4-Bromofluorobenzene	104	66.9-137		%REC	142737	1	03/02/2011 04:34	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	DW-2
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 6:10:00 PM
Lab ID:	1102M58-035	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	143063	1	03/08/2011 17:06	AR
Toluene	BRL	1.0		ug/L	143063	1	03/08/2011 17:06	AR
Ethylbenzene	BRL	1.0		ug/L	143063	1	03/08/2011 17:06	AR
Xylenes, Total	BRL	3.0		ug/L	143063	1	03/08/2011 17:06	AR
Naphthalene	8.3	5.0		ug/L	143063	1	03/08/2011 17:06	AR
Methyl tert-butyl ether	26	1.0		ug/L	143063	1	03/08/2011 17:06	AR
1,2-Dichloroethane	BRL	1.0		ug/L	143063	1	03/08/2011 17:06	AR
Surr: 4-Bromofluorobenzene	90.8	64.7-130		%REC	143063	1	03/08/2011 17:06	AR
Surr: Dibromofluoromethane	88.4	80.7-129		%REC	143063	1	03/08/2011 17:06	AR
Surr: Toluene-d8	86.9	71.1-120		%REC	143063	1	03/08/2011 17:06	AR
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	1.29	1.00		ug/L	142740	1	03/02/2011 04:28	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143063	1	03/08/2011 17:06	AR
Ethanol	BRL	100		ug/L	143063	1	03/08/2011 17:06	AR
Ethyl tert-butyl ether	BRL	100		ug/L	143063	1	03/08/2011 17:06	AR
Isopropyl ether	BRL	10		ug/L	143063	1	03/08/2011 17:06	AR
tert-Amyl alcohol	BRL	100		ug/L	143063	1	03/08/2011 17:06	AR
tert-Amyl methyl ether	BRL	10		ug/L	143063	1	03/08/2011 17:06	AR
tert-Butyl Alcohol	BRL	100		ug/L	143063	1	03/08/2011 17:06	AR
tert-Butyl formate	BRL	100		ug/L	143063	1	03/08/2011 17:06	AR
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142737	1	03/02/2011 05:11	AK
Surr: 4-Bromofluorobenzene	104	66.9-137		%REC	142737	1	03/02/2011 05:11	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	DW-3
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 6:45:00 PM
Lab ID:	1102M58-036	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Benzene	5.4	1.0		ug/L	143063	1	03/07/2011 13:25	AR
Toluene	3.1	1.0		ug/L	143063	1	03/07/2011 13:25	AR
Ethylbenzene	BRL	1.0		ug/L	143063	1	03/07/2011 13:25	AR
Xylenes, Total	BRL	3.0		ug/L	143063	1	03/07/2011 13:25	AR
Naphthalene	BRL	5.0		ug/L	143063	1	03/07/2011 13:25	AR
Methyl tert-butyl ether	310	1.0	E	ug/L	143063	1	03/07/2011 13:25	AR
1,2-Dichloroethane	BRL	1.0		ug/L	143063	1	03/07/2011 13:25	AR
Surr: 4-Bromofluorobenzene	83.8	64.7-130		%REC	143063	1	03/07/2011 13:25	AR
Surr: Dibromofluoromethane	98.6	80.7-129		%REC	143063	1	03/07/2011 13:25	AR
Surr: Toluene-d8	93.4	71.1-120		%REC	143063	1	03/07/2011 13:25	AR
Total Metals by ICP/MS SW6020A (SW3005A)								
Lead	4.04	1.00		ug/L	142740	1	03/02/2011 04:35	JY
Oxygenates (AES SOP OA-11010) SW8260B (SW5030B)								
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143063	1	03/07/2011 13:00	AR
Ethanol	BRL	100		ug/L	143063	1	03/07/2011 13:00	AR
Ethyl tert-butyl ether	BRL	100		ug/L	143063	1	03/07/2011 13:00	AR
Isopropyl ether	BRL	10		ug/L	143063	1	03/07/2011 13:00	AR
tert-Amyl alcohol	BRL	100		ug/L	143063	1	03/07/2011 13:00	AR
tert-Amyl methyl ether	BRL	10		ug/L	143063	1	03/07/2011 13:00	AR
tert-Butyl Alcohol	BRL	100		ug/L	143063	1	03/07/2011 13:00	AR
tert-Butyl formate	BRL	100		ug/L	143063	1	03/07/2011 13:00	AR
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142737	1	03/02/2011 05:48	AK
Surr: 4-Bromofluorobenzene	103	66.9-137		%REC	142737	1	03/02/2011 05:48	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	DW-5
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 1:20:00 PM
Lab ID:	1102M58-037	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	143063	1	03/08/2011 17:34	AR
Toluene	BRL	1.0		ug/L	143063	1	03/08/2011 17:34	AR
Ethylbenzene	BRL	1.0		ug/L	143063	1	03/08/2011 17:34	AR
Xylenes, Total	BRL	3.0		ug/L	143063	1	03/08/2011 17:34	AR
Naphthalene	BRL	5.0		ug/L	143063	1	03/08/2011 17:34	AR
Methyl tert-butyl ether	BRL	1.0		ug/L	143063	1	03/08/2011 17:34	AR
1,2-Dichloroethane	BRL	1.0		ug/L	143063	1	03/08/2011 17:34	AR
Surr: 4-Bromofluorobenzene	91.2	64.7-130		%REC	143063	1	03/08/2011 17:34	AR
Surr: Dibromofluoromethane	76.3	80.7-129	S	%REC	143063	1	03/08/2011 17:34	AR
Surr: Toluene-d8	89.4	71.1-120		%REC	143063	1	03/08/2011 17:34	AR
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	BRL	1.00		ug/L	142740	1	03/02/2011 04:41	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143063	1	03/08/2011 17:34	AR
Ethanol	BRL	100		ug/L	143063	1	03/08/2011 17:34	AR
Ethyl tert-butyl ether	BRL	100		ug/L	143063	1	03/08/2011 17:34	AR
Isopropyl ether	BRL	10		ug/L	143063	1	03/08/2011 17:34	AR
tert-Amyl alcohol	BRL	100		ug/L	143063	1	03/08/2011 17:34	AR
tert-Amyl methyl ether	BRL	10		ug/L	143063	1	03/08/2011 17:34	AR
tert-Butyl Alcohol	BRL	100		ug/L	143063	1	03/08/2011 17:34	AR
tert-Butyl formate	BRL	100		ug/L	143063	1	03/08/2011 17:34	AR
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142737	1	03/02/2011 07:02	AK
Surr: 4-Bromofluorobenzene	107	66.9-137		%REC	142737	1	03/02/2011 07:02	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	DW-6
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 4:40:00 PM
Lab ID:	1102M58-038	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	143063	1	03/08/2011 17:47	JE
Toluene	BRL	1.0		ug/L	143063	1	03/08/2011 17:47	JE
Ethylbenzene	BRL	1.0		ug/L	143063	1	03/08/2011 17:47	JE
Xylenes, Total	BRL	3.0		ug/L	143063	1	03/08/2011 17:47	JE
Naphthalene	BRL	5.0		ug/L	143063	1	03/08/2011 17:47	JE
Methyl tert-butyl ether	BRL	1.0		ug/L	143063	1	03/08/2011 17:47	JE
1,2-Dichloroethane	BRL	1.0		ug/L	143063	1	03/08/2011 17:47	JE
Surr: 4-Bromofluorobenzene	92.7	64.7-130		%REC	143063	1	03/08/2011 17:47	JE
Surr: Dibromofluoromethane	103	80.7-129		%REC	143063	1	03/08/2011 17:47	JE
Surr: Toluene-d8	96.4	71.1-120		%REC	143063	1	03/08/2011 17:47	JE
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	14.2	1.00		ug/L	142740	1	03/02/2011 04:47	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143063	1	03/08/2011 17:47	JE
Ethanol	BRL	100		ug/L	143063	1	03/08/2011 17:47	JE
Ethyl tert-butyl ether	BRL	100		ug/L	143063	1	03/08/2011 17:47	JE
Isopropyl ether	BRL	10		ug/L	143063	1	03/08/2011 17:47	JE
tert-Amyl alcohol	BRL	100		ug/L	143063	1	03/08/2011 17:47	JE
tert-Amyl methyl ether	BRL	10		ug/L	143063	1	03/08/2011 17:47	JE
tert-Butyl Alcohol	BRL	100		ug/L	143063	1	03/08/2011 17:47	JE
tert-Butyl formate	BRL	100		ug/L	143063	1	03/08/2011 17:47	JE
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.021		ug/L	142737	1	03/02/2011 07:39	AK
Surr: 4-Bromofluorobenzene	104	66.9-137		%REC	142737	1	03/02/2011 07:39	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	DW-7
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 6:45:00 PM
Lab ID:	1102M58-039	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	4.7	1.0		ug/L	143063	1	03/07/2011 22:59	JE
Toluene	BRL	1.0		ug/L	143063	1	03/07/2011 22:59	JE
Ethylbenzene	BRL	1.0		ug/L	143063	1	03/07/2011 22:59	JE
Xylenes, Total	BRL	3.0		ug/L	143063	1	03/07/2011 22:59	JE
Naphthalene	BRL	5.0		ug/L	143063	1	03/07/2011 22:59	JE
Methyl tert-butyl ether	3.2	1.0		ug/L	143063	1	03/07/2011 22:59	JE
1,2-Dichloroethane	BRL	1.0		ug/L	143063	1	03/07/2011 22:59	JE
Surr: 4-Bromofluorobenzene	101	64.7-130		%REC	143063	1	03/07/2011 22:59	JE
Surr: Dibromofluoromethane	100	80.7-129		%REC	143063	1	03/07/2011 22:59	JE
Surr: Toluene-d8	95.8	71.1-120		%REC	143063	1	03/07/2011 22:59	JE
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	3.18	1.00		ug/L	142740	1	03/02/2011 04:53	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143063	1	03/07/2011 22:59	JE
Ethanol	BRL	100		ug/L	143063	1	03/07/2011 22:59	JE
Ethyl tert-butyl ether	BRL	100		ug/L	143063	1	03/07/2011 22:59	JE
Isopropyl ether	BRL	10		ug/L	143063	1	03/07/2011 22:59	JE
tert-Amyl alcohol	BRL	100		ug/L	143063	1	03/07/2011 22:59	JE
tert-Amyl methyl ether	BRL	10		ug/L	143063	1	03/07/2011 22:59	JE
tert-Butyl Alcohol	BRL	100		ug/L	143063	1	03/07/2011 22:59	JE
tert-Butyl formate	BRL	100		ug/L	143063	1	03/07/2011 22:59	JE
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142737	1	03/02/2011 08:17	AK
Surr: 4-Bromofluorobenzene	104	66.9-137		%REC	142737	1	03/02/2011 08:17	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	DW-9
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 10:00:00 AM
Lab ID:	1102M58-040	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	143063	1	03/07/2011 22:30	JE
Toluene	BRL	1.0		ug/L	143063	1	03/07/2011 22:30	JE
Ethylbenzene	BRL	1.0		ug/L	143063	1	03/07/2011 22:30	JE
Xylenes, Total	BRL	3.0		ug/L	143063	1	03/07/2011 22:30	JE
Naphthalene	BRL	5.0		ug/L	143063	1	03/07/2011 22:30	JE
Methyl tert-butyl ether	1.6	1.0		ug/L	143063	1	03/07/2011 22:30	JE
1,2-Dichloroethane	BRL	1.0		ug/L	143063	1	03/07/2011 22:30	JE
Surr: 4-Bromofluorobenzene	101	64.7-130		%REC	143063	1	03/07/2011 22:30	JE
Surr: Dibromofluoromethane	100	80.7-129		%REC	143063	1	03/07/2011 22:30	JE
Surr: Toluene-d8	95.3	71.1-120		%REC	143063	1	03/07/2011 22:30	JE
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	4.22	1.00		ug/L	142740	1	03/02/2011 04:59	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143063	1	03/07/2011 22:30	JE
Ethanol	BRL	100		ug/L	143063	1	03/07/2011 22:30	JE
Ethyl tert-butyl ether	BRL	100		ug/L	143063	1	03/07/2011 22:30	JE
Isopropyl ether	BRL	10		ug/L	143063	1	03/07/2011 22:30	JE
tert-Amyl alcohol	BRL	100		ug/L	143063	1	03/07/2011 22:30	JE
tert-Amyl methyl ether	BRL	10		ug/L	143063	1	03/07/2011 22:30	JE
tert-Butyl Alcohol	BRL	100		ug/L	143063	1	03/07/2011 22:30	JE
tert-Butyl formate	BRL	100		ug/L	143063	1	03/07/2011 22:30	JE
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142737	1	03/02/2011 08:54	AK
Surr: 4-Bromofluorobenzene	108	66.9-137		%REC	142737	1	03/02/2011 08:54	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	DW-10
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 10:25:00 AM
Lab ID:	1102M58-041	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	1.5	1.0		ug/L	143017	1	03/04/2011 20:37	JE
Toluene	BRL	1.0		ug/L	143017	1	03/04/2011 20:37	JE
Ethylbenzene	BRL	1.0		ug/L	143017	1	03/04/2011 20:37	JE
Xylenes, Total	BRL	3.0		ug/L	143017	1	03/04/2011 20:37	JE
Naphthalene	BRL	5.0		ug/L	143017	1	03/04/2011 20:37	JE
Methyl tert-butyl ether	BRL	1.0		ug/L	143017	1	03/04/2011 20:37	JE
1,2-Dichloroethane	BRL	1.0		ug/L	143017	1	03/04/2011 20:37	JE
Surr: 4-Bromofluorobenzene	97.1	64.7-130		%REC	143017	1	03/04/2011 20:37	JE
Surr: Dibromofluoromethane	107	80.7-129		%REC	143017	1	03/04/2011 20:37	JE
Surr: Toluene-d8	93.1	71.1-120		%REC	143017	1	03/04/2011 20:37	JE
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	3.49	1.00		ug/L	142741	1	03/02/2011 18:16	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143017	1	03/04/2011 20:37	JE
Ethanol	BRL	100		ug/L	143017	1	03/04/2011 20:37	JE
Ethyl tert-butyl ether	BRL	100		ug/L	143017	1	03/04/2011 20:37	JE
Isopropyl ether	BRL	10		ug/L	143017	1	03/04/2011 20:37	JE
tert-Amyl alcohol	BRL	100		ug/L	143017	1	03/04/2011 20:37	JE
tert-Amyl methyl ether	BRL	10		ug/L	143017	1	03/04/2011 20:37	JE
tert-Butyl Alcohol	BRL	100		ug/L	143017	1	03/04/2011 20:37	JE
tert-Butyl formate	BRL	100		ug/L	143017	1	03/04/2011 20:37	JE
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.021		ug/L	142742	1	03/02/2011 12:02	AK
Surr: 4-Bromofluorobenzene	105	66.9-137		%REC	142742	1	03/02/2011 12:02	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Access Work Order Number 1102M58

Checklist completed by [signature] 2/26/11 2/28/11
Signature Date

Carrier name: FedEx ✓ UPS __ Courier __ Client __ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (4°C±2)* Yes ✓ No __

Cooler #1 3.1C Cooler #2 3.8°C Cooler #3 4.1C Cooler #4 3.6°C Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted __ Yes ✓ No __

Water - pH acceptable upon receipt? Yes ✓ No __ Not Applicable __

Adjusted? _____ Checked by PT

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

\L\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample_Cooler_Receipt_Checklist

Client: Terry Environmental
Project Name: 2170E Li'l Cricket #339
Workorder: 1102M58

ANALYTICAL QC SUMMARY REPORT

BatchID: 142711

Sample ID: **MB-142711**	Client ID:				Units: **ug/L**		Prep Date: **02/28/2011**		Run No: **191666**	
SampleType: **MBLK**	TestCode: **MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011**				BatchID: **142711**		Analysis Date: **02/28/2011**		Seq No: **3998757**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dibromoethane	BRL	0.020	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	5.494	0	5	0	110	66.9	137	0	0	0	

Sample ID: **LCS-142711**	Client ID:				Units: **ug/L**		Prep Date: **02/28/2011**		Run No: **191666**	
SampleType: **LCS**	TestCode: **MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011**				BatchID: **142711**		Analysis Date: **02/28/2011**		Seq No: **3998762**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dibromoethane	0.09700	0.020	0.1	0	97	60	140	0	0	0	
Surr: 4-Bromofluorobenzene	5.385	0	5	0	108	66.9	137	0	0	0	

Sample ID: **LCSD-142711**	Client ID:				Units: **ug/L**		Prep Date: **02/28/2011**		Run No: **191666**	
SampleType: **LCSD**	TestCode: **MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011**				BatchID: **142711**		Analysis Date: **02/28/2011**		Seq No: **3998766**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dibromoethane	0.1080	0.020	0.1	0	108	60	140	0.09700	10.7	30	
Surr: 4-Bromofluorobenzene	5.532	0	5	0	111	66.9	137	5.385	0	0	

Sample ID: **1102M58-001BMS**	Client ID: **MW-3**				Units: **ug/L**		Prep Date: **02/28/2011**		Run No: **191666**	
SampleType: **MS**	TestCode: **MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011**				BatchID: **142711**		Analysis Date: **02/28/2011**		Seq No: **3998779**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dibromoethane	0.1460	0.020	0.1007	0	145	59.1	134	0	0	0	S
Surr: 4-Bromofluorobenzene	5.526	0	5.033	0	110	66.9	137	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Analytical Environmental Services, Inc

Date: 9-Mar-11

Client: Terry Environmental
Project Name: 2170E Li'l Cricket #339
Workorder: 1102M58

ANALYTICAL QC SUMMARY REPORT

BatchID: 142737

Sample ID: **MB-142737**	Client ID:				Units: **ug/L**		Prep Date: **03/01/2011**		Run No: **191670**	
SampleType: **MBLK**	TestCode: **MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011**				BatchID: **142737**		Analysis Date: **03/01/2011**		Seq No: **3998905**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dibromoethane	BRL	0.020	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	5.573	0	5	0	111	66.9	137	0	0	0	

Sample ID: **LCS-142737**	Client ID:				Units: **ug/L**		Prep Date: **03/01/2011**		Run No: **191670**	
SampleType: **LCS**	TestCode: **MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011**				BatchID: **142737**		Analysis Date: **03/01/2011**		Seq No: **3998906**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dibromoethane	0.09500	0.020	0.1	0	95	60	140	0	0	0	
Surr: 4-Bromofluorobenzene	5.122	0	5	0	102	66.9	137	0	0	0	

Sample ID: **LCSD-142737**	Client ID:				Units: **ug/L**		Prep Date: **03/01/2011**		Run No: **191670**	
SampleType: **LCSD**	TestCode: **MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011**				BatchID: **142737**		Analysis Date: **03/01/2011**		Seq No: **3998908**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dibromoethane	0.09800	0.020	0.1	0	98	60	140	0.09500	3.11	30	
Surr: 4-Bromofluorobenzene	5.104	0	5	0	102	66.9	137	5.122	0	0	

Sample ID: **1102M58-021BMS**	Client ID: **MW-29**				Units: **ug/L**		Prep Date: **03/01/2011**		Run No: **191670**	
SampleType: **MS**	TestCode: **MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011**				BatchID: **142737**		Analysis Date: **03/01/2011**		Seq No: **3998917**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dibromoethane	0.08539	0.020	0.1005	0	85	59.1	134	0	0	0	
Surr: 4-Bromofluorobenzene	5.296	0	5.023	0	105	66.9	137	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Analytical Environmental Services, Inc

Date: 9-Mar-11

Client: Terry Environmental
Project Name: 2170E Li'l Cricket #339
Workorder: 1102M58

ANALYTICAL QC SUMMARY REPORT

BatchID: 142739

Sample ID: **MB-142739**	Client ID:				Units: **ug/L**		Prep Date: **03/01/2011**		Run No: **191552**
SampleType: **MBLK**	TestCode: **Total Metals by ICP/MS**	**SW6020A**			BatchID: **142739**		Analysis Date: **03/01/2011**		Seq No: **3996465**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	BRL	1.00	0	0	0	0	0	0	0	0	

Sample ID: **LCS-142739**	Client ID:				Units: **ug/L**		Prep Date: **03/01/2011**		Run No: **191552**
SampleType: **LCS**	TestCode: **Total Metals by ICP/MS**	**SW6020A**			BatchID: **142739**		Analysis Date: **03/01/2011**		Seq No: **3996463**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	105.7	1.00	100	0	106	80	120	0	0	0	

Sample ID: **1102M58-001CMS**	Client ID: **MW-3**				Units: **ug/L**		Prep Date: **03/01/2011**		Run No: **191552**
SampleType: **MS**	TestCode: **Total Metals by ICP/MS**	**SW6020A**			BatchID: **142739**		Analysis Date: **03/01/2011**		Seq No: **3996471**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	117.7	1.00	100	11.90	106	75	125	0	0	0	

Sample ID: **1102M58-001CMSD**	Client ID: **MW-3**				Units: **ug/L**		Prep Date: **03/01/2011**		Run No: **191552**
SampleType: **MSD**	TestCode: **Total Metals by ICP/MS**	**SW6020A**			BatchID: **142739**		Analysis Date: **03/01/2011**		Seq No: **3996473**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	117.5	1.00	100	11.90	106	75	125	117.7	0.17	20	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Analytical Environmental Services, Inc

Date: 9-Mar-11

Client: Terry Environmental
Project Name: 2170E Li'l Cricket #339
Workorder: 1102M58

ANALYTICAL QC SUMMARY REPORT

BatchID: 142740

Sample ID: **MB-142740**	Client ID:				Units: **ug/L**		Prep Date: **03/01/2011**		Run No: **191553**
SampleType: **MBLK**	TestCode: **Total Metals by ICP/MS**	**SW6020A**			BatchID: **142740**		Analysis Date: **03/02/2011**		Seq No: **3996477**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	BRL	1.00	0	0	0	0	0	0	0	0	

Sample ID: **LCS-142740**	Client ID:				Units: **ug/L**		Prep Date: **03/01/2011**		Run No: **191553**
SampleType: **LCS**	TestCode: **Total Metals by ICP/MS**	**SW6020A**			BatchID: **142740**		Analysis Date: **03/02/2011**		Seq No: **3996475**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	104.1	1.00	100	0	104	80	120	0	0	0	

Sample ID: **1102M58-021CMS**	Client ID: **MW-29**				Units: **ug/L**		Prep Date: **03/01/2011**		Run No: **191553**
SampleType: **MS**	TestCode: **Total Metals by ICP/MS**	**SW6020A**			BatchID: **142740**		Analysis Date: **03/02/2011**		Seq No: **3996480**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	111.7	1.00	100	6.400	105	75	125	0	0	0	

Sample ID: **1102M58-021CMSD**	Client ID: **MW-29**				Units: **ug/L**		Prep Date: **03/01/2011**		Run No: **191553**
SampleType: **MSD**	TestCode: **Total Metals by ICP/MS**	**SW6020A**			BatchID: **142740**		Analysis Date: **03/02/2011**		Seq No: **3996482**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	112.7	1.00	100	6.400	106	75	125	111.7	0.891	20	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Analytical Environmental Services, Inc

Date: 9-Mar-11

Client: Terry Environmental
Project Name: 2170E Li'l Cricket #339
Workorder: 1102M58

ANALYTICAL QC SUMMARY REPORT

BatchID: 142741

Sample ID: **MB-142741**	Client ID:				Units: **ug/L**		Prep Date: **03/01/2011**		Run No: **191646**
SampleType: **MBLK**	TestCode: **Total Metals by ICP/MS**	**SW6020A**			BatchID: **142741**		Analysis Date: **03/02/2011**		Seq No: **3998417**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	BRL	1.00	0	0	0	0	0	0	0	0	

Sample ID: **LCS-142741**	Client ID:				Units: **ug/L**		Prep Date: **03/01/2011**		Run No: **191646**
SampleType: **LCS**	TestCode: **Total Metals by ICP/MS**	**SW6020A**			BatchID: **142741**		Analysis Date: **03/02/2011**		Seq No: **3998415**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	101.5	1.00	100	0	102	80	120	0	0	0	

Sample ID: **1102M58-041CMS**	Client ID: **DW-10**				Units: **ug/L**		Prep Date: **03/01/2011**		Run No: **191646**
SampleType: **MS**	TestCode: **Total Metals by ICP/MS**	**SW6020A**			BatchID: **142741**		Analysis Date: **03/02/2011**		Seq No: **3998421**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	105.2	1.00	100	3.490	102	75	125	0	0	0	

Sample ID: **1102M58-041CMSD**	Client ID: **DW-10**				Units: **ug/L**		Prep Date: **03/01/2011**		Run No: **191646**
SampleType: **MSD**	TestCode: **Total Metals by ICP/MS**	**SW6020A**			BatchID: **142741**		Analysis Date: **03/02/2011**		Seq No: **3998425**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	105.7	1.00	100	3.490	102	75	125	105.2	0.474	20	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Analytical Environmental Services, Inc

Date: 9-Mar-11

Client: Terry Environmental
Project Name: 2170E Li'l Cricket #339
Workorder: 1102M58

ANALYTICAL QC SUMMARY REPORT

BatchID: 142742

Sample ID: **MB-142742**	Client ID:				Units: **ug/L**		Prep Date: **03/01/2011**		Run No: **191675**	
SampleType: **MBLK**	TestCode: **MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011**				BatchID: **142742**		Analysis Date: **03/02/2011**		Seq No: **3999011**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dibromoethane	BRL	0.020	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	5.520	0	5	0	110	66.9	137	0	0	0	

Sample ID: **LCS-142742**	Client ID:				Units: **ug/L**		Prep Date: **03/01/2011**		Run No: **191675**	
SampleType: **LCS**	TestCode: **MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011**				BatchID: **142742**		Analysis Date: **03/02/2011**		Seq No: **3999013**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dibromoethane	0.09100	0.020	0.1	0	91	60	140	0	0	0	
Surr: 4-Bromofluorobenzene	5.129	0	5	0	103	66.9	137	0	0	0	

Sample ID: **LCSD-142742**	Client ID:				Units: **ug/L**		Prep Date: **03/01/2011**		Run No: **191675**	
SampleType: **LCSD**	TestCode: **MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011**				BatchID: **142742**		Analysis Date: **03/02/2011**		Seq No: **3999015**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dibromoethane	0.09400	0.020	0.1	0	94	60	140	0.09100	3.24	30	
Surr: 4-Bromofluorobenzene	5.102	0	5	0	102	66.9	137	5.129	0	0	

Sample ID: **1102M58-041BMS**	Client ID: **DW-10**				Units: **ug/L**		Prep Date: **03/01/2011**		Run No: **191675**	
SampleType: **MS**	TestCode: **MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011**				BatchID: **142742**		Analysis Date: **03/02/2011**		Seq No: **3999022**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dibromoethane	0.08883	0.020	0.1021	0	87	59.1	134	0	0	0	
Surr: 4-Bromofluorobenzene	5.573	0	5.105	0	109	66.9	137	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Terry Environmental
Project Name: 2170E Li'l Cricket #339
Workorder: 1102M58

ANALYTICAL QC SUMMARY REPORT

BatchID: 143017

Sample ID: **MB-143017** Client ID: Units: **ug/L** Prep Date: **03/04/2011** Run No: **191818**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **143017** Analysis Date: **03/04/2011** Seq No: **4001793**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	5.0	0	0	0	0	0	0	0	0	
Naphthalene	BRL	5.0	0	0	0	0	0	0	0	0	
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	
Xylenes, Total	BRL	5.0	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	48.88	0	50	0	97.8	64.7	130	0	0	0	
Surr: Dibromofluoromethane	50.52	0	50	0	101	80.7	129	0	0	0	
Surr: Toluene-d8	46.65	0	50	0	93.3	71.1	120	0	0	0	

Sample ID: **MB-143017** Client ID: Units: **ug/L** Prep Date: **03/04/2011** Run No: **191818**
SampleType: **MBLK** TestCode: **Oxygenates (AES SOP OA-11010) SW8260B** BatchID: **143017** Analysis Date: **03/04/2011** Seq No: **4001824**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
3,3-Dimethyl-1-butanol	BRL	100	0	0	0	0	0	0	0	0	
Ethanol	BRL	100	0	0	0	0	0	0	0	0	
Ethyl tert-butyl ether	BRL	100	0	0	0	0	0	0	0	0	
Isopropyl ether	BRL	10	0	0	0	0	0	0	0	0	
tert-Amyl alcohol	BRL	100	0	0	0	0	0	0	0	0	
tert-Amyl methyl ether	BRL	10	0	0	0	0	0	0	0	0	
tert-Butyl Alcohol	BRL	100	0	0	0	0	0	0	0	0	
tert-Butyl formate	BRL	100	0	0	0	0	0	0	0	0	

Sample ID: **LCS-143017** Client ID: Units: **ug/L** Prep Date: **03/04/2011** Run No: **191818**
SampleType: **LCS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **143017** Analysis Date: **03/04/2011** Seq No: **4001795**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Analytical Environmental Services, Inc

Date: 9-Mar-11

Client: Terry Environmental
Project Name: 2170E Li'l Cricket #339
Workorder: 1102M58

ANALYTICAL QC SUMMARY REPORT

BatchID: 143017

Sample ID: **LCS-143017**	Client ID:	Units: **ug/L**	Prep Date: **03/04/2011**	Run No: **191818**
SampleType: **LCS**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**	BatchID: **143017**	Analysis Date: **03/04/2011**	Seq No: **4001795**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	42.26	5.0	50	0	84.5	70	130	0	0	0	
Toluene	42.10	5.0	50	0	84.2	70	130	0	0	0	
Surr: 4-Bromofluorobenzene	47.20	0	50	0	94.4	64.7	130	0	0	0	
Surr: Dibromofluoromethane	48.79	0	50	0	97.6	80.7	129	0	0	0	
Surr: Toluene-d8	47.57	0	50	0	95.1	71.1	120	0	0	0	

Sample ID: **LCS-143017**	Client ID:	Units: **ug/L**	Prep Date: **03/04/2011**	Run No: **191818**
SampleType: **LCS**	TestCode: **Oxygenates (AES SOP OA-11010) SW8260B**	BatchID: **143017**	Analysis Date: **03/04/2011**	Seq No: **4001826**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
3,3-Dimethyl-1-butanol	2026	100	2000	0	101	70	130	0	0	0	
Ethanol	1707	100	2000	0	85.3	70	130	0	0	0	
Ethyl tert-butyl ether	425.0	100	400	0	106	70	130	0	0	0	
Isopropyl ether	427.4	10	400	0	107	70	130	0	0	0	
tert-Amyl alcohol	2022	100	2000	0	101	70	130	0	0	0	
tert-Amyl methyl ether	417.8	10	400	0	104	70	130	0	0	0	
tert-Butyl Alcohol	2088	100	2000	0	104	70	130	0	0	0	
tert-Butyl formate	1801	100	2000	0	90	70	130	0	0	0	

Sample ID: **1102M58-041AMS**	Client ID: **DW-10**	Units: **ug/L**	Prep Date: **03/04/2011**	Run No: **191818**
SampleType: **MS**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**	BatchID: **143017**	Analysis Date: **03/04/2011**	Seq No: **4003182**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	55.45	5.0	50	1.480	108	62.2	143	0	0	0	
Toluene	54.12	5.0	50	0	108	57.8	149	0	0	0	
Surr: 4-Bromofluorobenzene	46.63	0	50	0	93.3	64.7	130	0	0	0	
Surr: Dibromofluoromethane	50.10	0	50	0	100	80.7	129	0	0	0	
Surr: Toluene-d8	48.23	0	50	0	96.5	71.1	120	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Terry Environmental
Project Name: 2170E Li'l Cricket #339
Workorder: 1102M58

ANALYTICAL QC SUMMARY REPORT

BatchID: 143017

Sample ID: **1102M58-041AMS** Client ID: **DW-10** Units: **ug/L** Prep Date: **03/04/2011** Run No: **191818**
SampleType: **MS** TestCode: **Oxygenates (AES SOP OA-11010) SW8260B** BatchID: **143017** Analysis Date: **03/04/2011** Seq No: **4003348**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
3,3-Dimethyl-1-butanol	2041	100	2000	0	102	44.9	165	0	0	0	
Ethanol	1113	100	2000	0	55.7	43.4	147	0	0	0	
Ethyl tert-butyl ether	422.3	100	400	0	106	64.1	150	0	0	0	
Isopropyl ether	444.7	10	400	0	111	59.6	152	0	0	0	
tert-Amyl alcohol	2006	100	2000	0	100	44.6	163	0	0	0	
tert-Amyl methyl ether	424.8	10	400	0	106	68.2	144	0	0	0	
tert-Butyl Alcohol	2403	100	2000	0	120	42.4	188	0	0	0	
tert-Butyl formate	1216	100	2000	0	60.8	26.3	149	0	0	0	

Sample ID: **1102M58-041AMSD** Client ID: **DW-10** Units: **ug/L** Prep Date: **03/04/2011** Run No: **191818**
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **143017** Analysis Date: **03/04/2011** Seq No: **4003183**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	53.74	5.0	50	1.480	105	62.2	143	55.45	3.13	20	
Toluene	51.44	5.0	50	0	103	57.8	149	54.12	5.08	20	
Surr: 4-Bromofluorobenzene	46.52	0	50	0	93	64.7	130	46.63	0	0	
Surr: Dibromofluoromethane	49.70	0	50	0	99.4	80.7	129	50.10	0	0	
Surr: Toluene-d8	47.81	0	50	0	95.6	71.1	120	48.23	0	0	

Sample ID: **1102M58-041AMSD** Client ID: **DW-10** Units: **ug/L** Prep Date: **03/04/2011** Run No: **191818**
SampleType: **MSD** TestCode: **Oxygenates (AES SOP OA-11010) SW8260B** BatchID: **143017** Analysis Date: **03/04/2011** Seq No: **4003351**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
3,3-Dimethyl-1-butanol	2070	100	2000	0	104	44.9	165	2041	1.41	19.5	
Ethanol	1205	100	2000	0	60.3	43.4	147	1113	7.95	35.6	
Ethyl tert-butyl ether	431.1	100	400	0	108	64.1	150	422.3	2.06	17.2	
Isopropyl ether	446.2	10	400	0	112	59.6	152	444.7	0.334	17.6	
tert-Amyl alcohol	2014	100	2000	0	101	44.6	163	2006	0.4	22.2	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Analytical Environmental Services, Inc

Date: 9-Mar-11

Client: Terry Environmental
Project Name: 2170E Li'l Cricket #339
Workorder: 1102M58

ANALYTICAL QC SUMMARY REPORT

BatchID: 143017

Sample ID: **1102M58-041AMSD**	Client ID: **DW-10**				Units: **ug/L**		Prep Date: **03/04/2011**		Run No: **191818**	
SampleType: **MSD**	TestCode: **Oxygenates (AES SOP OA-11010) SW8260B**				BatchID: **143017**		Analysis Date: **03/04/2011**		Seq No: **4003351**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
tert-Amyl methyl ether	430.6	10	400	0	108	68.2	144	424.8	1.36	16.6	
tert-Butyl Alcohol	2489	100	2000	0	124	42.4	188	2403	3.53	37.7	
tert-Butyl formate	1053	100	2000	0	52.7	26.3	149	1216	14.4	55.8	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Terry Environmental
Project Name: 2170E Li'l Cricket #339
Workorder: 1102M58

ANALYTICAL QC SUMMARY REPORT

BatchID: 143063

Sample ID: **MB-143063** Client ID: Units: **ug/L** Prep Date: **03/04/2011** Run No: **191885**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **143063** Analysis Date: **03/04/2011** Seq No: **4003128**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	5.0	0	0	0	0	0	0	0	0	
Naphthalene	BRL	5.0	0	0	0	0	0	0	0	0	
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	
Xylenes, Total	BRL	5.0	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	42.03	0	50	0	84.1	64.7	130	0	0	0	
Surr: Dibromofluoromethane	52.95	0	50	0	106	80.7	129	0	0	0	
Surr: Toluene-d8	45.78	0	50	0	91.6	71.1	120	0	0	0	

Sample ID: **MB-143063** Client ID: Units: **ug/L** Prep Date: **03/04/2011** Run No: **191885**
SampleType: **MBLK** TestCode: **Oxygenates (AES SOP OA-11010) SW8260B** BatchID: **143063** Analysis Date: **03/04/2011** Seq No: **4003143**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
3,3-Dimethyl-1-butanol	BRL	100	0	0	0	0	0	0	0	0	
Ethanol	BRL	100	0	0	0	0	0	0	0	0	
Ethyl tert-butyl ether	BRL	100	0	0	0	0	0	0	0	0	
Isopropyl ether	BRL	10	0	0	0	0	0	0	0	0	
tert-Amyl alcohol	BRL	100	0	0	0	0	0	0	0	0	
tert-Amyl methyl ether	BRL	10	0	0	0	0	0	0	0	0	
tert-Butyl Alcohol	BRL	100	0	0	0	0	0	0	0	0	
tert-Butyl formate	BRL	100	0	0	0	0	0	0	0	0	

Sample ID: **LCS-143063** Client ID: Units: **ug/L** Prep Date: **03/04/2011** Run No: **192033**
SampleType: **LCS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **143063** Analysis Date: **03/08/2011** Seq No: **4005892**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Terry Environmental
Project Name: 2170E Li'l Cricket #339
Workorder: 1102M58

ANALYTICAL QC SUMMARY REPORT

BatchID: 143063

Sample ID: **LCS-143063**	Client ID:	Units: **ug/L**	Prep Date: **03/04/2011**	Run No: **192033**
SampleType: **LCS**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**	BatchID: **143063**	Analysis Date: **03/08/2011**	Seq No: **4005892**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	51.28	5.0	50	0	103	70	130	0	0	0	
Toluene	51.90	5.0	50	0	104	70	130	0	0	0	
Surr: 4-Bromofluorobenzene	49.04	0	50	0	98.1	64.7	130	0	0	0	
Surr: Dibromofluoromethane	48.99	0	50	0	98	80.7	129	0	0	0	
Surr: Toluene-d8	48.45	0	50	0	96.9	71.1	120	0	0	0	

Sample ID: **LCS-143063**	Client ID:	Units: **ug/L**	Prep Date: **03/04/2011**	Run No: **192033**
SampleType: **LCS**	TestCode: **Oxygenates (AES SOP OA-11010) SW8260B**	BatchID: **143063**	Analysis Date: **03/08/2011**	Seq No: **4006082**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
3,3-Dimethyl-1-butanol	1641	100	2000	0	82	70	130	0	0	0	
Ethanol	1403	100	2000	0	70.2	70	130	0	0	0	
Ethyl tert-butyl ether	328.8	100	400	0	82.2	70	130	0	0	0	
Isopropyl ether	326.4	10	400	0	81.6	70	130	0	0	0	
tert-Amyl alcohol	1673	100	2000	0	83.7	70	130	0	0	0	
tert-Amyl methyl ether	332.5	10	400	0	83.1	70	130	0	0	0	
tert-Butyl Alcohol	1694	100	2000	0	84.7	70	130	0	0	0	
tert-Butyl formate	1642	100	2000	0	82.1	70	130	0	0	0	

Sample ID: **1102M58-024AMS**	Client ID: **MW-32**	Units: **ug/L**	Prep Date: **03/04/2011**	Run No: **192033**
SampleType: **MS**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**	BatchID: **143063**	Analysis Date: **03/08/2011**	Seq No: **4005893**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	50.96	5.0	50	0	102	62.2	143	0	0	0	
Toluene	51.46	5.0	50	0	103	57.8	149	0	0	0	
Surr: 4-Bromofluorobenzene	48.90	0	50	0	97.8	64.7	130	0	0	0	
Surr: Dibromofluoromethane	50.92	0	50	0	102	80.7	129	0	0	0	
Surr: Toluene-d8	47.84	0	50	0	95.7	71.1	120	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Terry Environmental
Project Name: 2170E Li'l Cricket #339
Workorder: 1102M58

ANALYTICAL QC SUMMARY REPORT

BatchID: 143063

Sample ID: **1102M58-024AMS** Client ID: **MW-32** Units: **ug/L** Prep Date: **03/04/2011** Run No: **192033**
SampleType: **MS** TestCode: **Oxygenates (AES SOP OA-11010) SW8260B** BatchID: **143063** Analysis Date: **03/08/2011** Seq No: **4006093**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
3,3-Dimethyl-1-butanol	1549	100	2000	0	77.4	44.9	165	0	0	0	
Ethanol	1802	100	2000	0	90.1	43.4	147	0	0	0	
Ethyl tert-butyl ether	332.4	100	400	0	83.1	64.1	150	0	0	0	
Isopropyl ether	326.1	10	400	0	81.5	59.6	152	0	0	0	
tert-Amyl alcohol	1597	100	2000	0	79.9	44.6	163	0	0	0	
tert-Amyl methyl ether	330.9	10	400	0	82.7	68.2	144	0	0	0	
tert-Butyl Alcohol	2476	100	2000	0	124	42.4	188	0	0	0	
tert-Butyl formate	BRL	100	2000	0	3.67	26.3	149	0	0	0	S

Sample ID: **1102M58-024AMSD** Client ID: **MW-32** Units: **ug/L** Prep Date: **03/04/2011** Run No: **192033**
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **143063** Analysis Date: **03/08/2011** Seq No: **4005895**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	50.46	5.0	50	0	101	62.2	143	50.96	0.986	20	
Toluene	50.14	5.0	50	0	100	57.8	149	51.46	2.6	20	
Surr: 4-Bromofluorobenzene	48.39	0	50	0	96.8	64.7	130	48.90	0	0	
Surr: Dibromofluoromethane	48.73	0	50	0	97.5	80.7	129	50.92	0	0	
Surr: Toluene-d8	47.00	0	50	0	94	71.1	120	47.84	0	0	

Sample ID: **1102M58-024AMSD** Client ID: **MW-32** Units: **ug/L** Prep Date: **03/04/2011** Run No: **192033**
SampleType: **MSD** TestCode: **Oxygenates (AES SOP OA-11010) SW8260B** BatchID: **143063** Analysis Date: **03/08/2011** Seq No: **4006095**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
3,3-Dimethyl-1-butanol	1512	100	2000	0	75.6	44.9	165	1549	2.4	19.5	
Ethanol	1610	100	2000	0	80.5	43.4	147	1802	11.3	35.6	
Ethyl tert-butyl ether	328.4	100	400	0	82.1	64.1	150	332.4	1.19	17.2	
Isopropyl ether	324.3	10	400	0	81.1	59.6	152	326.1	0.554	17.6	
tert-Amyl alcohol	1550	100	2000	0	77.5	44.6	163	1597	3	22.2	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Analytical Environmental Services, Inc

Date: 9-Mar-11

Client: Terry Environmental
Project Name: 2170E Li'l Cricket #339
Workorder: 1102M58

ANALYTICAL QC SUMMARY REPORT

BatchID: 143063

Sample ID: **1102M58-024AMSD**	Client ID: **MW-32**				Units: **ug/L**		Prep Date: **03/04/2011**		Run No: **192033**		
SampleType: **MSD**	TestCode: **Oxygenates (AES SOP OA-11010) SW8260B**				BatchID: **143063**		Analysis Date: **03/08/2011**		Seq No: **4006095**		
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
tert-Amyl methyl ether	334.6	10	400	0	83.6	68.2	144	330.9	1.1	16.6	
tert-Butyl Alcohol	2315	100	2000	0	116	42.4	188	2476	6.74	37.7	
tert-Butyl formate	BRL	100	2000	0	2.79	26.3	149	73.47	0	55.8	S

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Terry Environmental
Project Name: 2170E Li'l Cricket #339
Workorder: 1102M58

ANALYTICAL QC SUMMARY REPORT

BatchID: 143104

Sample ID: **MB-143104** Client ID: Units: **ug/L** Prep Date: **03/05/2011** Run No: **191926**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **143104** Analysis Date: **03/05/2011** Seq No: **4004536**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	5.0	0	0	0	0	0	0	0	0	
Naphthalene	BRL	5.0	0	0	0	0	0	0	0	0	
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	
Xylenes, Total	BRL	5.0	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	45.51	0	50	0	91	64.7	130	0	0	0	
Surr: Dibromofluoromethane	49.73	0	50	0	99.5	80.7	129	0	0	0	
Surr: Toluene-d8	48.63	0	50	0	97.3	71.1	120	0	0	0	

Sample ID: **MB-143104** Client ID: Units: **ug/L** Prep Date: **03/05/2011** Run No: **191926**
SampleType: **MBLK** TestCode: **Oxygenates (AES SOP OA-11010) SW8260B** BatchID: **143104** Analysis Date: **03/05/2011** Seq No: **4004562**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
3,3-Dimethyl-1-butanol	BRL	100	0	0	0	0	0	0	0	0	
Ethanol	BRL	100	0	0	0	0	0	0	0	0	
Ethyl tert-butyl ether	BRL	100	0	0	0	0	0	0	0	0	
Isopropyl ether	BRL	10	0	0	0	0	0	0	0	0	
tert-Amyl alcohol	BRL	100	0	0	0	0	0	0	0	0	
tert-Amyl methyl ether	BRL	10	0	0	0	0	0	0	0	0	
tert-Butyl Alcohol	BRL	100	0	0	0	0	0	0	0	0	
tert-Butyl formate	BRL	100	0	0	0	0	0	0	0	0	

Sample ID: **LCS-143104** Client ID: Units: **ug/L** Prep Date: **03/05/2011** Run No: **191926**
SampleType: **LCS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **143104** Analysis Date: **03/05/2011** Seq No: **4004535**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Terry Environmental
Project Name: 2170E Li'l Cricket #339
Workorder: 1102M58

ANALYTICAL QC SUMMARY REPORT

BatchID: 143104

Sample ID: **LCS-143104**	Client ID:			Units: **ug/L**		Prep Date: **03/05/2011**		Run No: **191926**	
SampleType: **LCS**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**			BatchID: **143104**		Analysis Date: **03/05/2011**		Seq No: **4004535**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	52.27	5.0	50	0	105	70	130	0	0	0	
Toluene	51.17	5.0	50	0	102	70	130	0	0	0	
Surr: 4-Bromofluorobenzene	46.09	0	50	0	92.2	64.7	130	0	0	0	
Surr: Dibromofluoromethane	49.63	0	50	0	99.3	80.7	129	0	0	0	
Surr: Toluene-d8	46.90	0	50	0	93.8	71.1	120	0	0	0	

Sample ID: **LCS-143104**	Client ID:			Units: **ug/L**		Prep Date: **03/05/2011**		Run No: **191926**	
SampleType: **LCS**	TestCode: **Oxygenates (AES SOP OA-11010) SW8260B**			BatchID: **143104**		Analysis Date: **03/05/2011**		Seq No: **4004561**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
3,3-Dimethyl-1-butanol	1448	100	2000	0	72.4	70	130	0	0	0	
Ethanol	1797	100	2000	0	89.9	70	130	0	0	0	
Ethyl tert-butyl ether	298.3	100	400	0	74.6	70	130	0	0	0	
Isopropyl ether	316.8	10	400	0	79.2	70	130	0	0	0	
tert-Amyl alcohol	1490	100	2000	0	74.5	70	130	0	0	0	
tert-Amyl methyl ether	293.2	10	400	0	73.3	70	130	0	0	0	
tert-Butyl Alcohol	1606	100	2000	0	80.3	70	130	0	0	0	
tert-Butyl formate	1650	100	2000	0	82.5	70	130	0	0	0	

Sample ID: **1102M58-003AMS**	Client ID: **MW-9**			Units: **ug/L**		Prep Date: **03/05/2011**		Run No: **191926**	
SampleType: **MS**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**			BatchID: **143104**		Analysis Date: **03/05/2011**		Seq No: **4004538**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	27970	2500	25000	2860	100	62.2	143	0	0	0	
Toluene	28180	2500	25000	2725	102	57.8	149	0	0	0	
Surr: 4-Bromofluorobenzene	22900	0	25000	0	91.6	64.7	130	0	0	0	
Surr: Dibromofluoromethane	24500	0	25000	0	98	80.7	129	0	0	0	
Surr: Toluene-d8	24040	0	25000	0	96.2	71.1	120	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Terry Environmental
Project Name: 2170E Li'l Cricket #339
Workorder: 1102M58

ANALYTICAL QC SUMMARY REPORT

BatchID: 143104

Sample ID: **1102M58-003AMS** Client ID: **MW-9** Units: **ug/L** Prep Date: **03/05/2011** Run No: **191926**
SampleType: **MS** TestCode: **Oxygenates (AES SOP OA-11010) SW8260B** BatchID: **143104** Analysis Date: **03/05/2011** Seq No: **4004564**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
3,3-Dimethyl-1-butanol	1145000	50000	1000000	0	114	44.9	165	0	0	0	
Ethanol	803200	50000	1000000	0	80.3	43.4	147	0	0	0	
Ethyl tert-butyl ether	251400	50000	200000	0	126	64.1	150	0	0	0	
Isopropyl ether	267600	5000	200000	0	134	59.6	152	0	0	0	
tert-Amyl alcohol	1154000	50000	1000000	0	115	44.6	163	0	0	0	
tert-Amyl methyl ether	248200	5000	200000	0	124	68.2	144	0	0	0	
tert-Butyl Alcohol	1144000	50000	1000000	0	114	42.4	188	0	0	0	
tert-Butyl formate	1320000	50000	1000000	0	132	26.3	149	0	0	0	

Sample ID: **1102M58-003AMSD** Client ID: **MW-9** Units: **ug/L** Prep Date: **03/05/2011** Run No: **191926**
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **143104** Analysis Date: **03/05/2011** Seq No: **4004539**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	27690	2500	25000	2860	99.3	62.2	143	27970	1.01	20	
Toluene	28080	2500	25000	2725	101	57.8	149	28180	0.356	20	
Surr: 4-Bromofluorobenzene	22830	0	25000	0	91.3	64.7	130	22900	0	0	
Surr: Dibromofluoromethane	24700	0	25000	0	98.8	80.7	129	24500	0	0	
Surr: Toluene-d8	23720	0	25000	0	94.9	71.1	120	24040	0	0	

Sample ID: **1102M58-003AMSD** Client ID: **MW-9** Units: **ug/L** Prep Date: **03/05/2011** Run No: **191926**
SampleType: **MSD** TestCode: **Oxygenates (AES SOP OA-11010) SW8260B** BatchID: **143104** Analysis Date: **03/05/2011** Seq No: **4004565**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
3,3-Dimethyl-1-butanol	1159000	50000	1000000	0	116	44.9	165	1145000	1.24	19.5	
Ethanol	1094000	50000	1000000	0	109	43.4	147	803200	30.6	35.6	
Ethyl tert-butyl ether	248900	50000	200000	0	124	64.1	150	251400	0.981	17.2	
Isopropyl ether	262800	5000	200000	0	131	59.6	152	267600	1.81	17.6	
tert-Amyl alcohol	1150000	50000	1000000	0	115	44.6	163	1154000	0.346	22.2	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Analytical Environmental Services, Inc

Date: 9-Mar-11

Client: Terry Environmental
Project Name: 2170E Li'l Cricket #339
Workorder: 1102M58

ANALYTICAL QC SUMMARY REPORT

BatchID: 143104

Sample ID: **1102M58-003AMSD**	Client ID: **MW-9**				Units: **ug/L**		Prep Date: **03/05/2011**		Run No: **191926**	
SampleType: **MSD**	TestCode: **Oxygenates (AES SOP OA-11010) SW8260B**				BatchID: **143104**		Analysis Date: **03/05/2011**		Seq No: **4004565**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
tert-Amyl methyl ether	246100	5000	200000	0	123	68.2	144	248200	0.813	16.6	
tert-Butyl Alcohol	1167000	50000	1000000	0	117	42.4	188	1144000	2.02	37.7	
tert-Butyl formate	1300000	50000	1000000	0	130	26.3	149	1320000	1.51	55.8	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

ACCESS ANALYTICAL, INC.

ANALYTICAL REPORT

CLIENT

Terry Environmental
PO Box 25
Summerville SC 29484

ATTENTION
Kelly Cone

PROJECT ID
F. Lil Cricket #339 2170E

LABORATORY REPORT NUMBER
1103M93

DATE
March 31, 2011

Primary Data Review By

Nicole Jessup

Nicole Jessup
Project Manager, AES

Secondary Data Review By

Ashley Amick

Project Manager, Access Analytical
aamick@axs-inc.com

PLEASE NOTE:

- **Unless otherwise noted, all analysis on this report performed at Analytical Environmental Services Inc. (AES Inc), 3785 Presidential Parkway, Atlanta, GA 30340.**
- **AES is SCDHEC certified laboratory # 98016, NCDENR certified lab # 562, GA certified lab # FL-E87582, NELAP certified laboratory # E87582**
- Local support services for this project are provided by Access Analytical, Inc. Access Analytical is a representative of AES serving client in the SC/NC/GA areas. All questions regarding this report should be directed to your local Access Analytical representative at 803.781.4243 or toll fee at 883.315.4243

Access Analytical - Chain of Custody Record

LAB USE ONLY

LAB USE ONLY 1103M93

Project Work Order # _____ **PO #** _____ **Access Quote #** _____ **Laboratory ID:** _____

Company Name: TERRY Environmental

Report To: Kelly Cone

Address: PO Box 25

City: Summerville State: SC Zip: 29483

Phone: 843-873-9200 Fax:

Email: KCone@Terryenvironmental.com

Project ID: F. Licorice #339 2170E

Sampled By: LO

Sample ID/Description	Date Collected:	Time Collected:	Type: (grab or composite)	Matrix: (see codes)	Program Area (see codes)	TOTAL # of containers	# of containers collected	# per analysis	↓ REQUESTED LAB ANALYSIS: ↓ BTEX, Naph, MTBE, 1,2-DCA	EDB	8-Oxygenates	Lead	NOTES / COMMENTS (if sample is a composite please see space below to note start/finish times & dates)
							Preservative: (*see codes)		1	0	1	2	
							Container Type: (*see codes)		G	G	G	P	
MW-41	3/24/11	0905	grab	GW	SHW	7			2	2	2	1	Chemical odor
MW-43	3/24/11	0810	grab	GW	SHW	7			2	2	2	1	

ACCESS ANALYTICAL, INC.

7478 Carlisle Street
Irmo, SC 29063

Phone: (803) 781-4243
Fax: 781-4303

www.axs-inc.com

*Preservative Codes (place corresponding # in block above analysis field): 0 = None, 1 = HCL, 2 = HNO_3, 3 = H_2SO_4, 4 = NaOH, 5 = $Na_2S_2O_3$, 6 = Method 5035 set w/ $NaHSO_4$ & CH_3OH, 7 = NaOH/ZnOAC, 8 = H_3PO_4

*Matrix Codes (place corresponding code in matrix column): GW = ground water, WW = waste water, DW = drinking water, S = soil, SL = sludge, A = air, IW = industrial waste, WO = waste oil, OT = other (specify in comments section)

*Program Area Codes: CWA = Clean Water Act (for wastewaters), SDWA = Safe Drinking Water Act (for drinking waters), SHW = Solid and Hazardous Wastes (for soils, ground waters and waste samples)

*Container Type: G = Glass, P = Plastic

Turnaround Time:

___ Standard
X RUSH*
*Date Required: 4/1/11
(For rush work, results emailed/faxed by end of business day on date required)

Project Location:
X SC
___ NC
___ Other
(specify) _____

Relinquished By:	Received By:	Date (mm-dd-yy)	Time (24HR)	Sample Temp. Upon Receipt (°C):	
Lauren Cone	M Robertson	3/24/11	1250	3.0 (°C)	___ (N/A)
M. Robertson	FedEx 1	3/24/11	1700	___ (°C)	✓ (N/A)
		3/25/11	1100	___ (°C)	___ (N/A)
				___ (°C)	___ (N/A)

See Reverse for Terms and Conditions

Original Copy - Returned w/Report
Yellow Copy - Access File Copy
Pink Copy - Client Copy

Pg 1 of 1

Page 2 of 11

Analytical Environmental Services, Inc.

Date: *04-Apr-11*

CLIENT: Terry Environmental
Client Sample ID: MW-41
Project: F. Lil Cricket #339 2170E
Collection Date: 3/24/2011 8:05:00 AM
Lab ID: 1103M93-001
Matrix: GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011							Analyst: **RUF**
1,2-Dibromoethane	BRL	0.020		ug/L	144107	1	3/29/2011 4:35 AM
Surr: 4-Bromofluorobenzene	78.7	66.9-137		%REC	144107	1	3/29/2011 4:35 AM
TOTAL METALS BY ICP/MS SW6020A					**(SW3005A)**		Analyst: **JY**
Lead	24.0	1.00		ug/L	144099	1	3/28/2011 11:46 PM
OXYGENATES (AES SOP OA-11010) SW8260B					**(SW5030B)**		Analyst: **JE**
3,3-Dimethyl-1-butanol	BRL	100		ug/L	144062	1	3/30/2011 6:37 PM
Ethanol	BRL	100		ug/L	144062	1	3/30/2011 6:37 PM
Ethyl tert-butyl ether	BRL	100		ug/L	144062	1	3/30/2011 6:37 PM
Isopropyl ether	BRL	10		ug/L	144062	1	3/30/2011 6:37 PM
tert-Amyl alcohol	BRL	100		ug/L	144062	1	3/30/2011 6:37 PM
tert-Amyl methyl ether	BRL	10		ug/L	144062	1	3/30/2011 6:37 PM
tert-Butyl Alcohol	250	100		ug/L	144062	1	3/30/2011 6:37 PM
tert-Butyl formate	BRL	100		ug/L	144062	1	3/30/2011 6:37 PM
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B					**(SW5030B)**		Analyst: **JE**
Benzene	81	5.0		ug/L	144062	1	3/30/2011 6:37 PM
Toluene	BRL	5.0		ug/L	144062	1	3/30/2011 6:37 PM
Ethylbenzene	BRL	5.0		ug/L	144062	1	3/30/2011 6:37 PM
Xylenes, Total	BRL	5.0		ug/L	144062	1	3/30/2011 6:37 PM
Naphthalene	6.0	5.0		ug/L	144062	1	3/30/2011 6:37 PM
Methyl tert-butyl ether	94	5.0		ug/L	144062	1	3/30/2011 6:37 PM
1,2-Dichloroethane	BRL	5.0		ug/L	144062	1	3/30/2011 6:37 PM
Surr: 4-Bromofluorobenzene	89.0	64.7-130		%REC	144062	1	3/30/2011 6:37 PM
Surr: Dibromofluoromethane	109	80.7-129		%REC	144062	1	3/30/2011 6:37 PM
Surr: Toluene-d8	95.9	71.1-120		%REC	144062	1	3/30/2011 6:37 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *04-Apr-11*

CLIENT: Terry Environmental
Client Sample ID: MW-43
Project: F. Lil Cricket #339 2170E
Collection Date: 3/24/2011 8:40:00 AM
Lab ID: 1103M93-002
Matrix: GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011							Analyst: **RUF**
1,2-Dibromoethane	BRL	0.021		ug/L	144107	1	3/29/2011 5:49 AM
Surr: 4-Bromofluorobenzene	93.4	66.9-137		%REC	144107	1	3/29/2011 5:49 AM
TOTAL METALS BY ICP/MS SW6020A					**(SW3005A)**		Analyst: **JY**
Lead	11.7	1.00		ug/L	144099	1	3/28/2011 11:52 PM
OXYGENATES (AES SOP OA-11010) SW8260B					**(SW5030B)**		Analyst: **JE**
3,3-Dimethyl-1-butanol	BRL	100		ug/L	144062	1	3/30/2011 7:06 PM
Ethanol	BRL	100		ug/L	144062	1	3/30/2011 7:06 PM
Ethyl tert-butyl ether	BRL	100		ug/L	144062	1	3/30/2011 7:06 PM
Isopropyl ether	BRL	10		ug/L	144062	1	3/30/2011 7:06 PM
tert-Amyl alcohol	BRL	100		ug/L	144062	1	3/30/2011 7:06 PM
tert-Amyl methyl ether	BRL	10		ug/L	144062	1	3/30/2011 7:06 PM
tert-Butyl Alcohol	BRL	100		ug/L	144062	1	3/30/2011 7:06 PM
tert-Butyl formate	BRL	100		ug/L	144062	1	3/30/2011 7:06 PM
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B					**(SW5030B)**		Analyst: **JE**
Benzene	BRL	5.0		ug/L	144062	1	3/30/2011 7:06 PM
Toluene	BRL	5.0		ug/L	144062	1	3/30/2011 7:06 PM
Ethylbenzene	BRL	5.0		ug/L	144062	1	3/30/2011 7:06 PM
Xylenes, Total	BRL	5.0		ug/L	144062	1	3/30/2011 7:06 PM
Naphthalene	BRL	5.0		ug/L	144062	1	3/30/2011 7:06 PM
Methyl tert-butyl ether	BRL	5.0		ug/L	144062	1	3/30/2011 7:06 PM
1,2-Dichloroethane	BRL	5.0		ug/L	144062	1	3/30/2011 7:06 PM
Surr: 4-Bromofluorobenzene	77.4	64.7-130		%REC	144062	1	3/30/2011 7:06 PM
Surr: Dibromofluoromethane	120	80.7-129		%REC	144062	1	3/30/2011 7:06 PM
Surr: Toluene-d8	93.8	71.1-120		%REC	144062	1	3/30/2011 7:06 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Access Work Order Number 1103M93

Checklist completed by Mark 3.25.11
Signature Date

Carrier name: FedEx / UPS __ Courier __ Client __ US Mail __ Other _____

Shipping container/cooler in good condition? Yes / No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present /

Custody seals intact on sample bottles? Yes __ No __ Not Present /

Container/Temp Blank temperature in compliance? (4°C±2)* Yes / No __

Cooler #1 4.3°c Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes / No __

Chain of custody signed when relinquished and received? Yes / No __

Chain of custody agrees with sample labels? Yes / No __

Samples in proper container/bottle? Yes / No __

Sample containers intact? Yes / No __

Sufficient sample volume for indicated test? Yes / No __

All samples received within holding time? Yes / No __

Was TAT marked on the COC? Yes / No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable /

Water - VOA vials have zero headspace? No VOA vials submitted __ Yes / No __

Water - pH acceptable upon receipt? Yes / No __ Not Applicable __

Adjusted? _____ Checked by MK

Sample Condition: Good / Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No /

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

\L\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample_Cooler_Receipt_Checklist

Client: Terry Environmental
Project Name: F. Lil Cricket #339 2170E
Workorder: 1103M93

ANALYTICAL QC SUMMARY REPORT

BatchID: 144062

Sample ID: **MB-144062** Client ID: Units: **ug/L** Prep Date: **03/25/2011** Run No: **193421**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **144062** Analysis Date: **03/25/2011** Seq No: **4035295**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	5.0	0	0	0	0	0	0	0	0	
Naphthalene	BRL	5.0	0	0	0	0	0	0	0	0	
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	
Xylenes, Total	BRL	5.0	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	40.19	0	50	0	80.4	64.7	130	0	0	0	
Surr: Dibromofluoromethane	59.76	0	50	0	120	80.7	129	0	0	0	
Surr: Toluene-d8	48.21	0	50	0	96.4	71.1	120	0	0	0	

Sample ID: **MB-144062** Client ID: Units: **ug/L** Prep Date: **03/25/2011** Run No: **193421**
SampleType: **MBLK** TestCode: **Oxygenates (AES SOP OA-11010) SW8260B** BatchID: **144062** Analysis Date: **03/25/2011** Seq No: **4035599**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
3,3-Dimethyl-1-butanol	BRL	100	0	0	0	0	0	0	0	0	
Ethanol	BRL	100	0	0	0	0	0	0	0	0	
Ethyl tert-butyl ether	BRL	100	0	0	0	0	0	0	0	0	
Isopropyl ether	BRL	10	0	0	0	0	0	0	0	0	
tert-Amyl alcohol	BRL	100	0	0	0	0	0	0	0	0	
tert-Amyl methyl ether	BRL	10	0	0	0	0	0	0	0	0	
tert-Butyl Alcohol	BRL	100	0	0	0	0	0	0	0	0	
tert-Butyl formate	BRL	100	0	0	0	0	0	0	0	0	

Sample ID: **LCS-144062** Client ID: Units: **ug/L** Prep Date: **03/25/2011** Run No: **193421**
SampleType: **LCS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **144062** Analysis Date: **03/25/2011** Seq No: **4035292**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Terry Environmental
Project Name: F. Lil Cricket #339 2170E
Workorder: 1103M93

ANALYTICAL QC SUMMARY REPORT

BatchID: 144062

Sample ID: **LCS-144062** Client ID: Units: **ug/L** Prep Date: **03/25/2011** Run No: **193421**
SampleType: **LCS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **144062** Analysis Date: **03/25/2011** Seq No: **4035292**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	55.29	5.0	50	0	111	70	130	0	0	0	
Toluene	54.62	5.0	50	0	109	70	130	0	0	0	
Surr: 4-Bromofluorobenzene	39.73	0	50	0	79.5	64.7	130	0	0	0	
Surr: Dibromofluoromethane	53.51	0	50	0	107	80.7	129	0	0	0	
Surr: Toluene-d8	46.47	0	50	0	92.9	71.1	120	0	0	0	

Sample ID: **LCS-144062** Client ID: Units: **ug/L** Prep Date: **03/25/2011** Run No: **193421**
SampleType: **LCS** TestCode: **Oxygenates (AES SOP OA-11010) SW8260B** BatchID: **144062** Analysis Date: **03/25/2011** Seq No: **4035592**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
3,3-Dimethyl-1-butanol	1828	100	2000	0	91.4	70	130	0	0	0	
Ethanol	2003	100	2000	0	100	70	130	0	0	0	
Ethyl tert-butyl ether	407.6	100	400	0	102	70	130	0	0	0	
Isopropyl ether	459.6	10	400	0	115	70	130	0	0	0	
tert-Amyl alcohol	1940	100	2000	0	97	70	130	0	0	0	
tert-Amyl methyl ether	397.2	10	400	0	99.3	70	130	0	0	0	
tert-Butyl Alcohol	2115	100	2000	0	106	70	130	0	0	0	
tert-Butyl formate	2460	100	2000	0	123	70	130	0	0	0	

Sample ID: **1103K89-011AMS** Client ID: Units: **ug/L** Prep Date: **03/25/2011** Run No: **193421**
SampleType: **MS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **144062** Analysis Date: **03/25/2011** Seq No: **4035293**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	46.34	5.0	50	0	92.7	62.2	143	0	0	0	
Toluene	46.96	5.0	50	0	93.9	57.8	149	0	0	0	
Surr: 4-Bromofluorobenzene	38.83	0	50	0	77.7	64.7	130	0	0	0	
Surr: Dibromofluoromethane	54.43	0	50	0	109	80.7	129	0	0	0	
Surr: Toluene-d8	45.90	0	50	0	91.8	71.1	120	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Terry Environmental
Project Name: F. Lil Cricket #339 2170E
Workorder: 1103M93

ANALYTICAL QC SUMMARY REPORT

BatchID: 144062

Sample ID: **1103K89-011AMS** Client ID: Units: **ug/L** Prep Date: **03/25/2011** Run No: **193421**
SampleType: **MS** TestCode: **Oxygenates (AES SOP OA-11010) SW8260B** BatchID: **144062** Analysis Date: **03/25/2011** Seq No: **4035594**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
3,3-Dimethyl-1-butanol	1672	100	2000	0	83.6	44.9	165	0	0	0	
Ethanol	1841	100	2000	0	92	43.4	147	0	0	0	
Ethyl tert-butyl ether	401.7	100	400	0	100	64.1	150	0	0	0	
Isopropyl ether	455.1	10	400	0	114	59.6	152	0	0	0	
tert-Amyl alcohol	1791	100	2000	0	89.6	44.6	163	0	0	0	
tert-Amyl methyl ether	388.3	10	400	0	97.1	68.2	144	0	0	0	
tert-Butyl Alcohol	3140	100	2000	0	157	42.4	188	0	0	0	
tert-Butyl formate	BRL	100	2000	0	3.82	26.3	149	0	0	0	S

Sample ID: **1103K89-011AMSD** Client ID: Units: **ug/L** Prep Date: **03/25/2011** Run No: **193421**
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **144062** Analysis Date: **03/25/2011** Seq No: **4035294**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	57.50	5.0	50	0	115	62.2	143	46.34	21.5	20	R
Toluene	57.35	5.0	50	0	115	57.8	149	46.96	19.9	20	
Surr: 4-Bromofluorobenzene	38.41	0	50	0	76.8	64.7	130	38.83	0	0	
Surr: Dibromofluoromethane	53.69	0	50	0	107	80.7	129	54.43	0	0	
Surr: Toluene-d8	46.84	0	50	0	93.7	71.1	120	45.90	0	0	

Sample ID: **1103K89-011AMSD** Client ID: Units: **ug/L** Prep Date: **03/25/2011** Run No: **193421**
SampleType: **MSD** TestCode: **Oxygenates (AES SOP OA-11010) SW8260B** BatchID: **144062** Analysis Date: **03/25/2011** Seq No: **4035597**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
3,3-Dimethyl-1-butanol	1959	100	2000	0	97.9	44.9	165	1672	15.8	19.5	
Ethanol	1904	100	2000	0	95.2	43.4	147	1841	3.4	35.6	
Ethyl tert-butyl ether	457.6	100	400	0	114	64.1	150	401.7	13	17.2	
Isopropyl ether	510.5	10	400	0	128	59.6	152	455.1	11.5	17.6	
tert-Amyl alcohol	2077	100	2000	0	104	44.6	163	1791	14.8	22.2	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Analytical Environmental Services, Inc

Date: 31-Mar-11

Client: Terry Environmental
Project Name: F. Lil Cricket #339 2170E
Workorder: 1103M93

ANALYTICAL QC SUMMARY REPORT

BatchID: 144062

Sample ID: **1103K89-011AMSD** Client ID: Units: **ug/L** Prep Date: **03/25/2011** Run No: **193421**
SampleType: **MSD** TestCode: **Oxygenates (AES SOP OA-11010) SW8260B** BatchID: **144062** Analysis Date: **03/25/2011** Seq No: **4035597**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
tert-Amyl methyl ether	438.9	10	400	0	110	68.2	144	388.3	12.2	16.6	
tert-Butyl Alcohol	3582	100	2000	0	179	42.4	188	3140	13.2	37.7	
tert-Butyl formate	BRL	100	2000	0	3.37	26.3	149	76.48	0	55.8	S

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Analytical Environmental Services, Inc

Date: 31-Mar-11

Client: Terry Environmental
Project Name: F. Lil Cricket #339 2170E
Workorder: 1103M93

ANALYTICAL QC SUMMARY REPORT

BatchID: 144099

Sample ID: **MB-144099**	Client ID:				Units: **ug/L**		Prep Date: **03/28/2011**		Run No: **193559**
SampleType: **MBLK**	TestCode: **Total Metals by ICP/MS**	**SW6020A**			BatchID: **144099**		Analysis Date: **03/28/2011**		Seq No: **4038293**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	BRL	1.00	0	0	0	0	0	0	0	0	

Sample ID: **LCS-144099**	Client ID:				Units: **ug/L**		Prep Date: **03/28/2011**		Run No: **193559**
SampleType: **LCS**	TestCode: **Total Metals by ICP/MS**	**SW6020A**			BatchID: **144099**		Analysis Date: **03/28/2011**		Seq No: **4038291**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	105.8	1.00	100	0	106	80	120	0	0	0	

Sample ID: **1103M91-001AMS**	Client ID:				Units: **ug/L**		Prep Date: **03/28/2011**		Run No: **193559**
SampleType: **MS**	TestCode: **Total Metals by ICP/MS**	**SW6020A**			BatchID: **144099**		Analysis Date: **03/28/2011**		Seq No: **4038307**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	108.1	1.00	100	2.403	106	75	125	0	0	0	

Sample ID: **1103M91-001AMSD**	Client ID:				Units: **ug/L**		Prep Date: **03/28/2011**		Run No: **193559**
SampleType: **MSD**	TestCode: **Total Metals by ICP/MS**	**SW6020A**			BatchID: **144099**		Analysis Date: **03/28/2011**		Seq No: **4038310**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	111.7	1.00	100	2.403	109	75	125	108.1	3.28	20	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Analytical Environmental Services, Inc

Date: 31-Mar-11

Client: Terry Environmental
Project Name: F. Lil Cricket #339 2170E
Workorder: 1103M93

ANALYTICAL QC SUMMARY REPORT

BatchID: 144107

Sample ID: **MB-144107**	Client ID:				Units: **ug/L**		Prep Date: **03/28/2011**		Run No: **193618**	
SampleType: **MBLK**	TestCode: **MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011**				BatchID: **144107**		Analysis Date: **03/28/2011**		Seq No: **4039694**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dibromoethane	BRL	0.020	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	4.576	0	5	0	91.5	66.9	137	0	0	0	

Sample ID: **LCS-144107**	Client ID:				Units: **ug/L**		Prep Date: **03/28/2011**		Run No: **193618**	
SampleType: **LCS**	TestCode: **MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011**				BatchID: **144107**		Analysis Date: **03/28/2011**		Seq No: **4039695**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dibromoethane	0.08600	0.020	0.1	0	86	60	140	0	0	0	
Surr: 4-Bromofluorobenzene	4.247	0	5	0	84.9	66.9	137	0	0	0	

Sample ID: **LCSD-144107**	Client ID:				Units: **ug/L**		Prep Date: **03/28/2011**		Run No: **193618**	
SampleType: **LCSD**	TestCode: **MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011**				BatchID: **144107**		Analysis Date: **03/28/2011**		Seq No: **4039696**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dibromoethane	0.09100	0.020	0.1	0	91	60	140	0.08600	5.65	30	
Surr: 4-Bromofluorobenzene	4.582	0	5	0	91.6	66.9	137	4.247	0	0	

Sample ID: **1103K89-004BMS**	Client ID:				Units: **ug/L**		Prep Date: **03/28/2011**		Run No: **193618**	
SampleType: **MS**	TestCode: **MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011**				BatchID: **144107**		Analysis Date: **03/28/2011**		Seq No: **4039700**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dibromoethane	0.08409	0.020	0.1025	0	82	59.1	134	0	0	0	
Surr: 4-Bromofluorobenzene	4.317	0	5.127	0	84.2	66.9	137	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

APPENDIX 10

Disposal Manifest

MANIFEST

SERVICES
P.O.BOX 4098
SPARTANBURG, SC 29305
Emergency Phone Number: (864)583-2717

D-04010473

Page of

Job No. D-04010473

GENERATOR INFORMATION

Name: Li'l Cricket Conv.Stores		US EPA ID No.
Street Address: 800 W. N. 1st St Seneca SC	Mailing Address: P.O. Box 25 Summerville SC	Phone No. 843-873-8200 Contact Kelly

DESCRIPTION OF MATERIALS

	HM	USDOT Proper Shipping Name (Complete All Items for Hazardous Materials)	Hazard Class	UN/NA ID No.	Packing Group	Containers		Total Quantity	Unit Wt./Vol.
a.		Non Hazardous Solids NOS				Qty 1	type SD		900 LBS
b.		Non Hazardous Liquid NOS				1	SD		0.45 TON
c.									

ADDITIONAL INFORMATION		ERG No.	JBR Profile Codes	Facility Use
a.	Soil		TB-04110472-A	Approved for Disposal
b.	Water		TB-03110407	
c.				

GENERATORS CERTIFICATION

This is to certify that the above-described materials are properly classified, described, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. I further certify that none of the materials described above are a hazardous waste as defined by EPA 40 CFR Part 261 or any applicable state law, and unless specifically identified above, the materials contain less than 1,000 ppm total halogens and do not contain quantifiable levels (2 ppm) of PCBs as defined by EPA 40 CFR Parts 279 and 761.

Printed/Typed Name	Signature	Mo./Day/Yr.

TRANSPORTER INFORMATION

Transporter: JBR	*I hereby acknowledge receipt of the above-described materials for transport from the generator site listed above.*
Address: 210 Alice Street Spartanburg, SC 29303	Signature: Wendy Brown Shipment Date: 4/1/11
Transporter or EPA ID No.: SCR00004358 / Unit No.	*I hereby acknowledge that the above-described materials were received from the generator site and were transported to the facility listed below.*
Phone: 864-583-2717	Signature: Wendy Brown Delivery Date: 4/1/11

FACILITY INFORMATION

Facility: JBR Environmental Services	*I do hereby acknowledge receipt of the materials covered by this manifest except for any discrepancy noted below.*
Address: 210 Alice Street Spartanburg, SC 29303	Signature: Scott Eckert Receipt Date: 4-1-11
Facility or EPA ID No.: SCR00004358	Discrepancies / Routing Codes / Handling Methods: a. WM82192803
Phone: 864-583-2717	b.
Contact: Rex Russell	c.

White - Facility Retain ● Light Yellow - Return to Generator ● Pink - Transporter Retain ● Orange- Generator Retain

D H E C

PROMOTE PROTECT PROSPER

C. Earl Hunter, Commissioner

Promoting and protecting the health of the public and the environment.

91 7108 2133 3938 7547 5084
Certified Mail

MR GORDON ZUBER
LIL CRICKET CONVENIENCE STORES INC
2271 S PINE ST
SPARTANBURG SC 29302-4339

MAR 14 2011

UST DOCKET 24 Dec

Re: **Notice of Alleged Violation**
Former Li'l Cricket #339, 800 North West First Street, Seneca, SC
UST Permit # 07303; CA # 35711; MWA # UMW-22667
Release Reported April 27, 1989
Tier II Assessment and Assessment Plan received March 12, 2009
Tier II Directive dated July 13, 2010
Tier II Report received April 8, 2011
Oconee County

Dear Mr. Zuber:

The Underground Storage Tank (UST) Program of the South Carolina Department of Health and Environmental Control (SCDHEC) recognizes your commitment to continue work at this site utilizing your own contractor, Terry Environmental, Incorporated. The UST Division has reviewed the Tier II Report and determined the plume is not defined for benzene and MtBE. The levels of benzene and MtBE in down gradient monitoring well MW-41 exceed Risk Based Screening Levels (RBSL) for the referenced release. **A revised Tier II Report that defines the horizontal and vertical extent of the release is due on or before 60 days from the date of this letter.**

Implementation of this scope of work should proceed upon receipt of this correspondence. **Please submit a report that defines petroleum Chemicals of Concern (CoC) on or before June 30, 2011. Should you not submit the report on or before this date, this office will be forced to initiate further enforcement action.**

Cost agreement number 35711 and the monitoring well approval may be modified as necessary to define the release. Please have your site rehabilitation contact the project manager so an addendum may be prepared as necessary. *SUPERB Allowable Costs* dated February 1, 2006 states, "If the vertical and horizontal extent of CoC is not fully defined by the tier report, the Department may not approve additional future mobilizations for additional screening or well installation." Therefore additional mobilizations cannot be approved. **Costs will be audited for both scopes of work and reasonable technically justified costs for only necessary and correctly completed tasks will be reimbursed.** If the invoice is not submitted within 120 days from July 2010, monies allocated to pay this invoice may be uncommitted. This means that the invoice will not be processed for payment until all other committed funds are paid or monies become available.

Please note that you and/or your contractor are responsible for obtaining all off-site access agreements and/or encroachment permits necessary for this scope of work.

On all correspondence regarding this site, please reference UST Permit number 07303. Should you have any questions regarding this correspondence, please feel free to contact me at (803) 896-6669, fax me at (803) 896-6245, or e-mail me at shradeaa@dhec.sc.gov.

Sincerely,

Arthur Shrader, Hydrogeologist
Assessment Section
Assessment and Corrective Action Division
Bureau of Land and Waste Management

cc: Terry Environmental Services, Inc., PO Box 25, Summerville, SC 29484
Technical file

REVISED TIER II ADDENDUM REPORT

FORMER LI'L CRICKET #339
800 WEST NORTH FIRST STREET
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
CA #36773

Prepared For:

SCDHEC UNDERGROUND STORAGE TANK PROGRAM
2600 BULL ST.
COLUMBIA, SC 29201

Submitted By:

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. BOX 25
SUMMERVILLE, SOUTH CAROLINA 29484
(843) 873-8200
Fax (843) 873-8765
www.terryenvironmental.com

UST CONTRACTOR #223
TERRY PROJECT #2170E

Kelly K. Cone
Vice President, Assessment Services

Jason A. Terry, P.G.
President

JUNE 2011

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1.0 EXECUTIVE SUMMARY

TERRY Environmental Services, Inc. (TERRY) has been contracted by Li'l Cricket Food Stores to serve as the environmental contractor for the Former Li'l Cricket #339 Site, South Carolina Department of Health and Environmental Control (SCDHEC) UST Permit #07303. The site is located at 800 West North First Street, Seneca, South Carolina (Appendix 1, Figure 1). The site is bordered to the north by residential property, to the east by commercial property, to the south by West North First Street, and to the west by a Duke Power substation. Further to the south across West North First Street are commercial properties. A detailed site map originating from a comprehensive survey completed by Jay S. Joshi (SC Registered Land Surveyor #14811) of Construction Support Services, Inc. on October 8, 2008 is provided in Appendix 1 as Figure 2.

The purpose of this assessment was to further horizontally delineate the chemicals of concern (CoC) associated with the product release at the Former Li'l Cricket #339 Site and to monitor the concentration and migration of the contaminant plume. The report presented herein documents an AFVR Event on monitoring well MW-10, the installation of fifteen (15) groundwater borings, ten (10) shallow monitoring wells, one (1) telescoping monitoring well, the subsequent survey, and a comprehensive groundwater sampling event.

During this assessment, the contaminant plume was fully defined horizontally; to the west (MW-39, MW-40, and MW-42), to the north (MW-44, MW-45, and MW-48), and to the east (MW-43 and MW-47). The analytical results indicate that groundwater contamination is present on-site and migrates in the direction of groundwater flow to the north-northeast.

As such, TERRY recommends performing three separate AFVR Events on MW-10, MW-19, and MW-20 to continue the recovery of free-phase product followed by a gauging event 30 days after the third AFVR Event to determine the effectiveness. An assessment plan for these recommendations is provided in Appendix 12.

2.0 SITE SPECIFIC ASSESSMENT INFORMATION

2.1 Aggressive Fluid Vapor Recovery Event

On January 14, 2011 TERRY Exploration Services, LLC performed an eight-hour Aggressive Fluid Vapor Recovery (AFVR) event on monitoring well MW-10. Prior to initiating the vacuum recovery event, free-phase product was measured at a thickness of 0.87 feet in MW-10. The initial depth to groundwater reading was measured at 42.07 feet and depth to product was measured at 41.20 feet. The depths were measured from the top of the well casing (TOC). Ambient air temperature during this event was 30°F and sunny.

A one inch diameter PVC drop tube was placed in the recovery well to a depth of approximately 6 inches below the measured water table. The stinger pipe was then sealed to the monitoring well casing at the surface and connected to the tanker truck. Vacuum readings at the well head averaged 16.3 inches of mercury (Hg) throughout the event. Measurements of the vapor emissions exiting the stack of the vacuum truck were taken at thirty minute intervals throughout the event. These measurements include vacuum, temperature, velocity, humidity, and volatile organic compound concentrations in parts per million. Off-gas treatment was provided during the event as directed by the SCDHEC Project Manager.

Upon completion of the AFVR event, MW-10 was gauged and no free-phase product was detected. The final depth to groundwater reading from the TOC was 42.65 feet in MW-10. A total of 350 gallons of liquid were recovered during the event. In addition, 6.51 pounds of gasoline vapors (approximate equivalent of 1.04 gallons of gasoline) were recovered as emissions during the course of the AFVR event. The effluent vapors were processed on-site through a vapor phase granular activated carbon (GAC) unit before being released into the atmosphere.

Water table drawdown and influence vacuum were measured in MW-13, MW-15, MW-16, and MW-20 over the course of the AFVR event. The maximum observed water table drawdown was measured in MW-16 at 0.07 feet. No measurable vacuum influence was observed during the eight-hour AFVR event. The groundwater drawdown measurements and distance from the recovery well MW-10 were analyzed using a linear regression to determine that the estimated radius of groundwater influence (cone of depression) created during this event was 51 feet. Based on no measurable vacuum readings during the eight-hour AFVR event, the approximate radius of vacuum influence is assumed to be less than 33 feet.

All data associated with the AFVR event including Emission Calculations and the Disposal Manifest are provided in Appendix 3. An AFVR Event Map indicating the recovery well and the wells used to monitor the effectiveness of the AFVR Event is provided in Appendix 1 as Figure 3.

2.2 Horizontal & Vertical Plume Delineation

On December 10, 2010 eight (8) shallow groundwater Geoprobe™ borings totaling 171 feet were performed using direct-push Geoprobe™ machinery (GP-1 through GP-8). A groundwater sample was taken from six (6) of the groundwater borings at the probe's terminal depth, field screened for contaminants, and sent for confirmation laboratory analyses. Two (2) of the borings (GP-4 and GP-5) met refusal prior to the target depth and were dry; therefore, no sample could be collected.

Due to access issues in the field, two (2) additional shallow groundwater borings were postponed and subsequently installed in March 2011. On March 23, 2011 two (2) Geoprobe™ borings totaling 96 feet were performed using direct-push Geoprobe™ machinery (GP-9 and GP-10). A groundwater sample was taken from each of the groundwater borings at the probe's terminal depth and field screened for contaminants. These borings were then over drilled and converted to permanent groundwater monitoring wells.

Following the March 23, 2011 groundwater field delineation, the contaminant plume remained undefined horizontally to the north. Therefore, additional shallow groundwater borings were proposed and subsequently approved by the SCDHEC Project Manager. On April 21, 2011 three (3) Geoprobe™ borings totaling 162 feet were performed using direct-push Geoprobe™ machinery (GP-11 through GP-13).

Based on the April 21, 2011 groundwater field delineation data, additional shallow groundwater borings were proposed to the northeast. The locations were subsequently approved by the SCDHEC Project Manager. Therefore, on May 4, 2011 one (1) Geoprobe™ boring totaling 43 feet was performed using direct-push Geoprobe™ machinery (GP-14). One (1) additional hand auger boring was also installed (GP-15). Hand auger boring GP-15 was then converted to a permanent groundwater monitoring well (MW-48).

A Groundwater Field Delineation Map indicating field screening locations and associated field screening and/or groundwater analytical results is provided in Appendix 1 as Figure 4. Groundwater Field Delineation Analytical Data are provided in Appendix 2 on Table 1 and in Appendix 4. Soil Boring Logs are provided in Appendix 5.

2.3 Well Installation & Subsequent Survey

On February 24, 2011 and March 23, 2011 five (5) shallow monitoring wells were installed and developed by Geologic Exploration. The groundwater contaminant plume was still not horizontally or vertically defined to the north. Therefore on April 21, 2011 and May 4, 2011 five (5) additional shallow monitoring wells were installed and developed by Geologic Exploration. One (1) telescoping monitoring well was also installed and developed by Geologic Exploration on April 26 and April 27, 2011. All well installations were performed in accordance with the S.C. Well Standards and Regulations. Well Construction Logs are provided in Appendix 6.

During well installation, soil samples were collected from each new well at a minimum of five (5) foot intervals to the water table and field screened with a PID. The soil sample from each boring that exhibited the highest concentration above the water table during the field screen was submitted to the laboratory for analysis. If the level of contamination for all depths were equal, the deepest sample collected above the water table was submitted for analysis. No soil sample was submitted for analysis from MW-48 due to the shallow depth at which groundwater was encountered. The Soil Analytical Data are provided in Appendix 1 on Figure 5, in Appendix 2 on Table 2, and in Appendix 7. A Geologic Transects Map is provided in Appendix 1 as Figure 6 and the associated Geologic Cross Sections (A-A' and B-B') are provided in Appendix 1 as Figures 7A and 7B, respectively.

2.4 Sampling Event & Piezometric Data

TERRY originally sampled the site on February 24, February 25, and March 24, 2011. The additional monitoring wells installed to the north were sampled on May 5, 2011. The samples were submitted to Access Analytical, Inc. (SCDHEC certified laboratory #73006) for analyses. Just prior to the sampling event, monitoring wells were gauged with an oil/water interface probe to determine depth to groundwater measurements and the presence or absence of free-phase petroleum. Free-phase product was measured at a thickness of 0.02 feet in MW-10, 0.05 feet in MW-19, and 0.07 feet in MW-20 in February 2011. A groundwater sample was collected beneath the product measured in MW-10 per SCDHEC request.

Depth to groundwater measurements were taken with reference to the top of well casing (TOC) and converted to elevations by subtracting the depth to groundwater measurements from the TOC elevations. Piezometric data are provided in Appendix 2 as Table 3 and on the Groundwater Sampling Logs provided in Appendix 8. Piezometric contours were created using the piezometric data and linear interpolation between known groundwater elevations. The resulting Groundwater Contour Map is included in Appendix 1 as Figure 8. Based on the piezometric data, groundwater flow is to the north-northeast.

Two surface water samples (SW-1 and SW-2) were also collected on May 5, 2011. The samples were collected from the creek located in the wooded area to the north of the subject site.

2.5 Groundwater Analytical Results

The Groundwater analytical data are provided in Appendix 2 as Table 4 and also in Appendix 9. The analytical data were used to generate contaminant concentration maps for COC's detected by the laboratory and the maps are provided in Appendix 1 as Figures 9A and 9B.

The analytical results indicate that the groundwater contamination is migrating in the general direction of groundwater flow toward the adjacent properties and the creek located to the north-northeast. Based on the laboratory analytical results from the sampling event, the contaminated soil cuttings, well development, and well

purge water were properly disposed of by JBR Environmental Services on April 1, 2011 and June 2, 2011. The Disposal Manifests are included in Appendix 10.

2.6 Product Gauging Event

On May 25, 2011 a product gauging event was performed on monitoring wells MW-9, MW-10, MW-19, and MW-20 to obtain current data. Free-phase product was measured at a thickness of 0.03 feet in MW-10, 0.75 feet in MW-19, and 0.02 feet in MW-20. The Gauging Logs are provided in Appendix 11 and illustrated in Appendix 1 on Figure 10.

3.0 CONCLUSIONS

3.1 Conclusions

The following conclusions can be made based on the available data:

- COC impacted groundwater is present outside the source zone and the migration of the CoC's is in the general direction of groundwater flow toward the adjacent properties located to the north-northeast.
- In February 2011, free-phase product was measured at a thickness of 0.02 feet in MW-10, 0.05 feet in MW-19, and 0.07 feet in MW-20.
- In May 2011, free-phase product was measured at a thickness of 0.03 feet in MW-10, 0.75 feet in MW-19, and 0.02 feet in MW-20.
- The contaminant plume was fully defined horizontally; to the west (MW-39, MW-40, and MW-42), to the north (MW-44, MW-45, and MW-48), and to the east (MW-43 and MW-47).

3.2 Recommendations

TERRY recommends performing three separate AFVR Events on MW-10, MW-19, and MW-20 to continue the recovery of free-phase product followed by a gauging event 30 days after the third AFVR Event to determine the effectiveness. An assessment plan for these recommendations is provided in Appendix 12.

APPENDIX 1

Figures

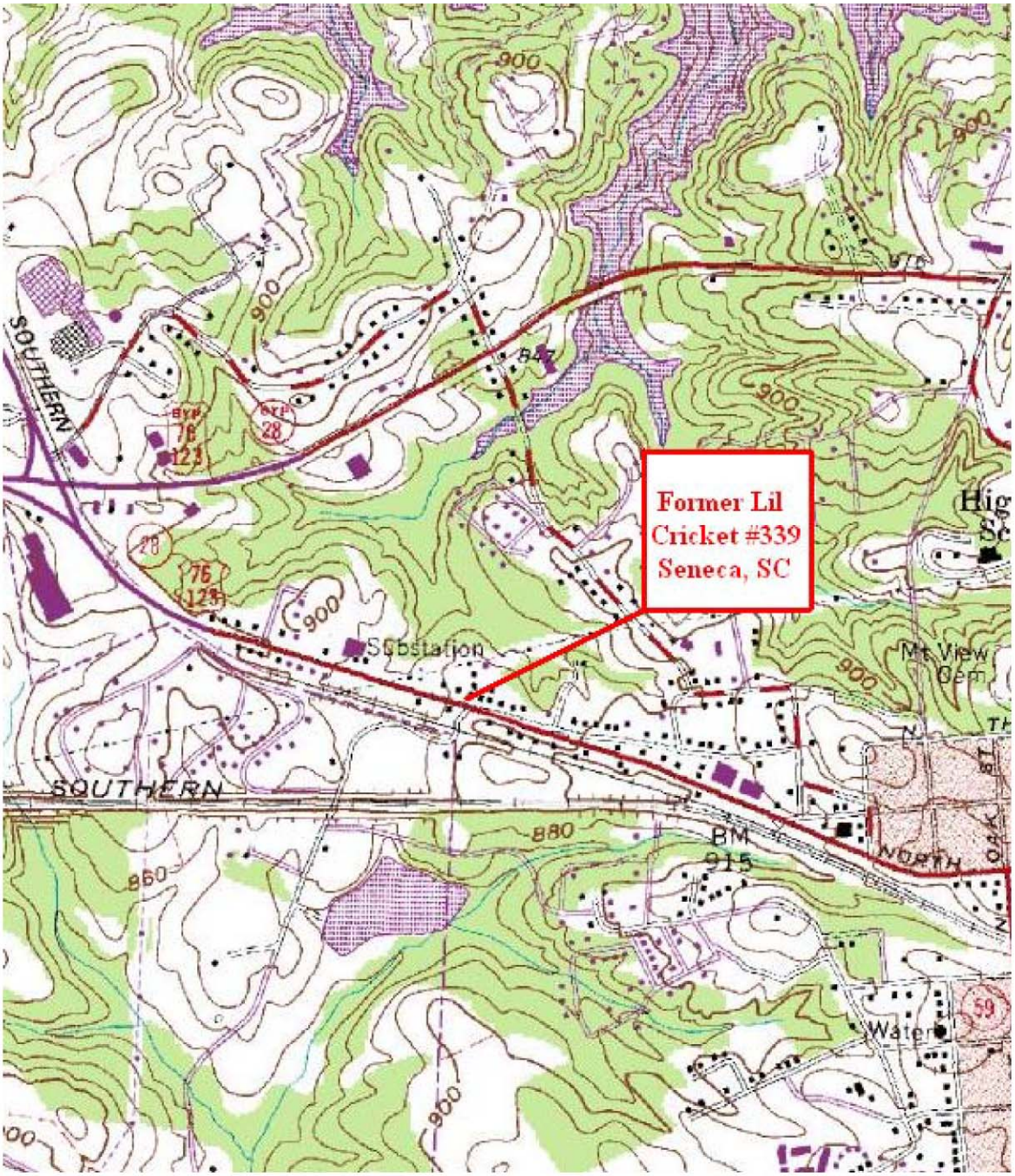

FIGURE 1
SITE LOCATION (USGS)

Former Li'l Cricket #339
800 West North First Street
Seneca, South Carolina

TERRY ENVIRONMENTAL SERVICES
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... providing our clients with the best services available, actually understanding our clients objectives, and making their obectives our own!

PO Box 25
Summerville, South Carolina 29484
(800) 325-0605 (843)-873-8200 fax: (843)-873-8765

SIZE	TERRY Project No.	DWG NO.	REV
B	2170E	Figure 1 Site Location	

SCALE: NOT TO SCALE

DATE: JUNE 2011

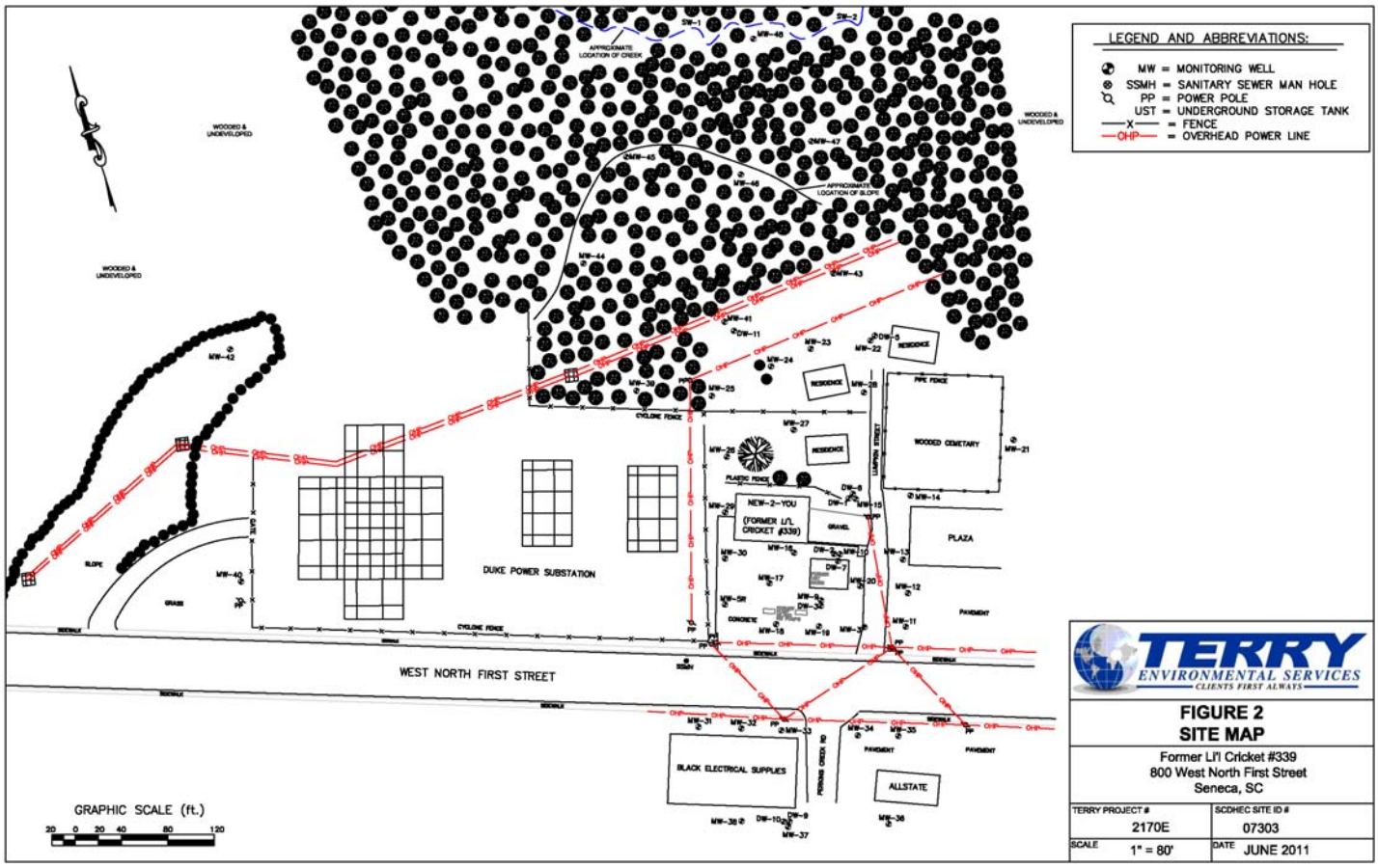
LEGEND AND ABBREVIATIONS:
MW = MONITORING WELL
SSMH = SANITARY SEWER MAN HOLE
PP = POWER POLE
UST = UNDERGROUND STORAGE TANK
X = FENCE
OHP = OVERHEAD POWER LINE
APPROXIMATE LOCATION OF CREEK
APPROXIMATE LOCATION OF SLOPE
WOODED & UNDEVELOPED
RESIDENCE
PIPE FENCE
WOODED CEMETARY
LUMPKIN STREET
NEW-2-YOU (FORMER LIL CRICKET #339)
GRAVEL
PLAZA
PAVEMENT
CONCRETE
PLASTIC FENCE
CYCLONE FENCE
DUKE POWER SUBSTATION
SLOPE
GRASS
WEST NORTH FIRST STREET
SIDEWALK
BLACK ELECTRICAL SUPPLIES
PERKINS CREEK RD
ALLSTATE
GRAPHIC SCALE (ft.)
20 0 20 40 80 120
TERRY ENVIRONMENTAL SERVICES
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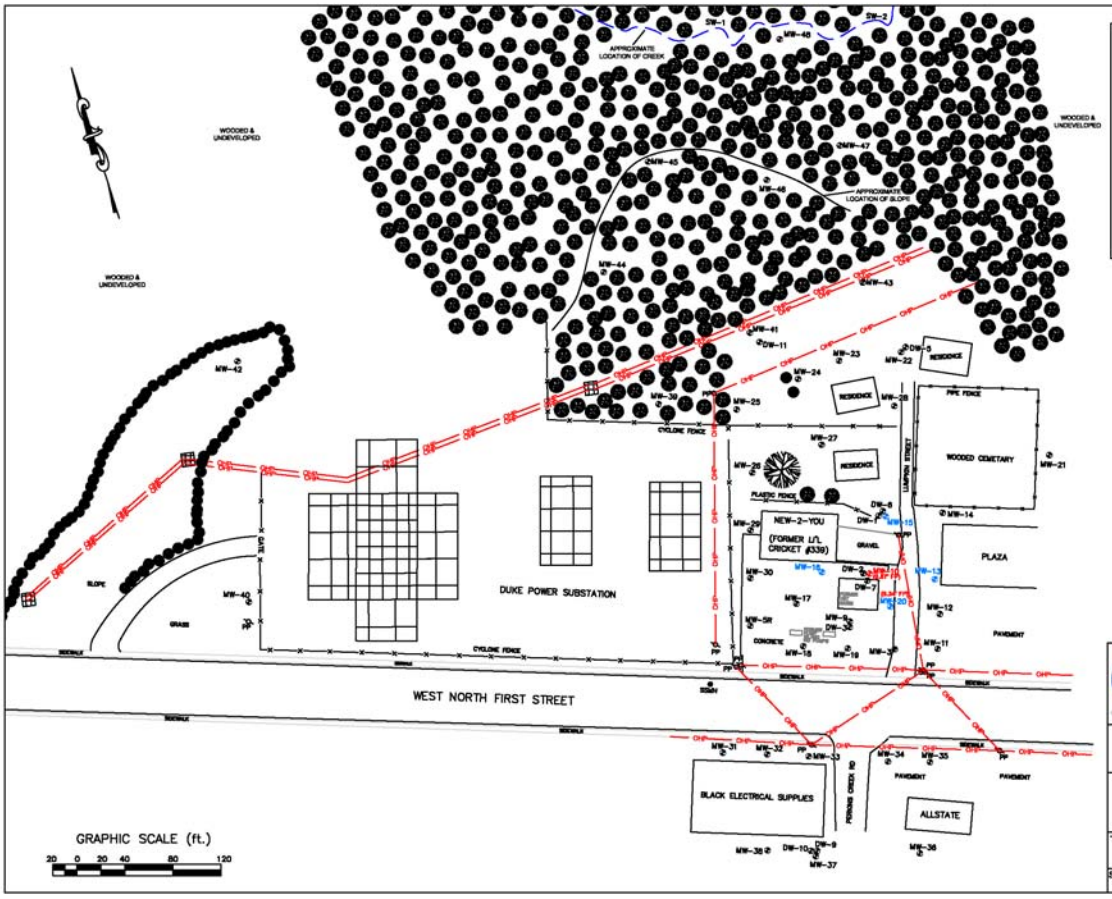
FIGURE 2
SITE MAP
Former Li'l Cricket #339
800 West North First Street
Seneca, SC
TERRY PROJECT # 2170E
SCDHEC SITE ID # 07303
SCALE 1" = 80'
DATE JUNE 2011



LEGEND AND ABBREVIATIONS:

- MW = MONITORING WELL
- SSMH = SANITARY SEWER MAN HOLE
- PP = POWER POLE
- UST = UNDERGROUND STORAGE TANK
- —X— = FENCE
- —OHP— = OVERHEAD POWER LINE
- = RECOVERY WELL
- = INFLUENCE WELLS MONITORED DURING THE AFVR EVENT
- FP = FREE PRODUCT MEASURED PRIOR TO AFVR EVENT

AFVR EVENT PERFORMED ON JANUARY 14, 2011.

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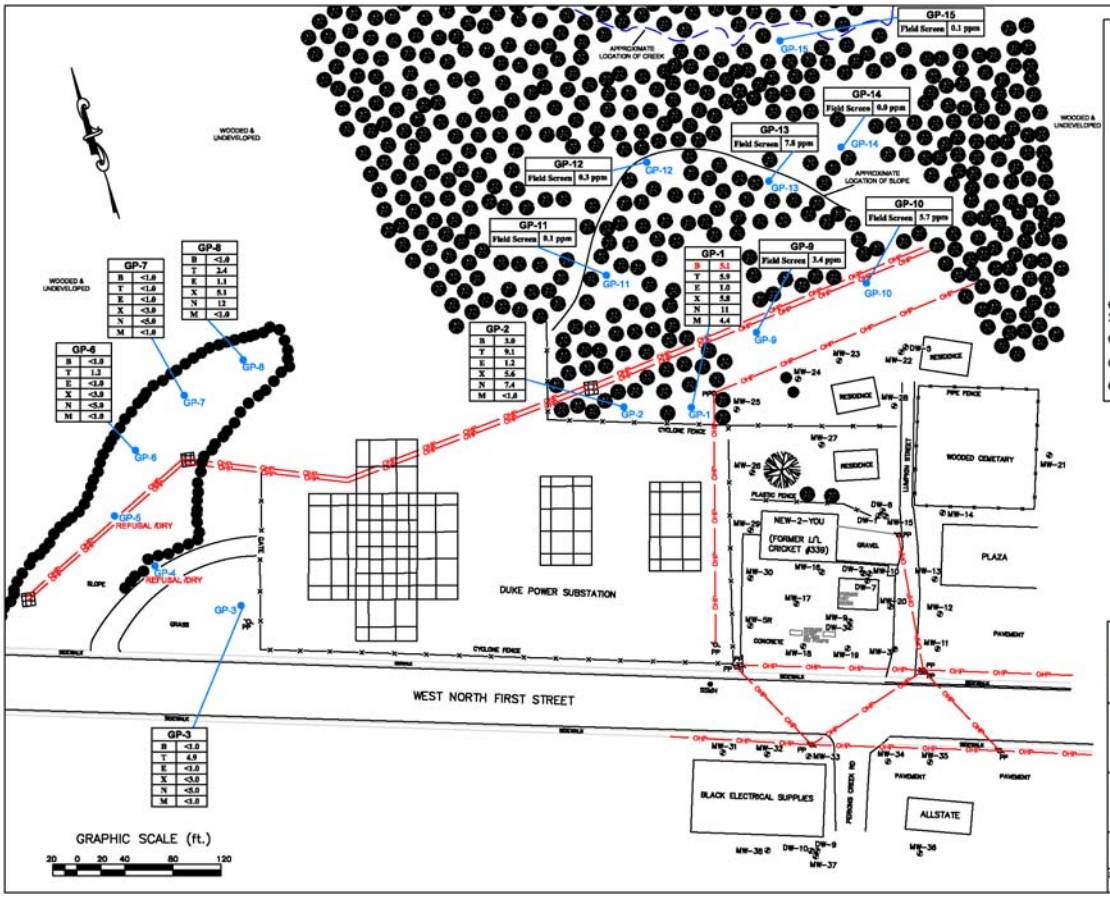
FIGURE 3
AFVR EVENT MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170E	07303
SCALE 1" = 80'	DATE JUNE 2011



LEGEND AND ABBREVIATIONS:

- MW = MONITORING WELL
- SSMH = SANITARY SEWER MAN HOLE
- PP = POWER POLE
- UST = UNDERGROUND STORAGE TANK
- —X— = FENCE
- —OHP— = OVERHEAD POWER LINE
- B = BENZENE
- T = TOLUENE
- E = ETHYLBENZENE
- X = XYLENES
- N = NAPHTHALENE
- M = METHYL tert-BUTYL ETHER

ALL CONCENTRATIONS ARE IN ug/L

RED INDICATES CONTAMINANTS ARE ABOVE RBSL's

GP-1 THRU GP-8 COLLECTED ON DECEMBER 10, 2010.

GP-9 & GP-10 COLLECTED ON MARCH 23, 2011.

GP-11 THRU GP-13 COLLECTED ON APRIL 21, 2011.

GP-14 & GP-15 COLLECTED ON MAY 4, 2011.

TERRY ENVIRONMENTAL SERVICES
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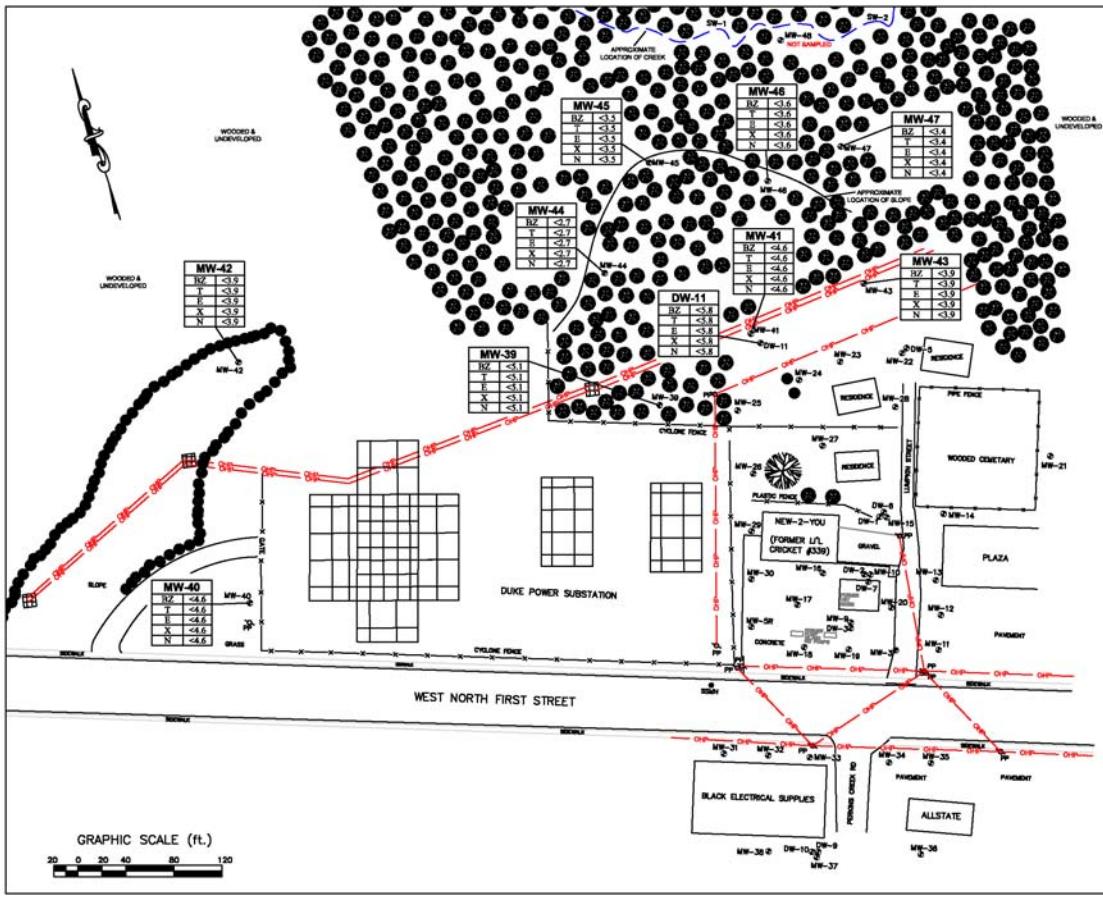
FIGURE 4
GROUNDWATER FIELD DELINEATION MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170E	07303
SCALE 1" = 80'	DATE JUNE 2011



LEGEND AND ABBREVIATIONS:

- MW = MONITORING WELL
- SSMH = SANITARY SEWER MAN HOLE
- PP = POWER POLE
- UST = UNDERGROUND STORAGE TANK
- —X— = FENCE
- —OHP— = OVERHEAD POWER LINE

BZ = BENZENE
T = TOLUENE
E = ETHYLBENZENE
X = XYLENES
N = NAPHTHALENE

ALL UNITS ARE IN UG/KG

SAMPLES COLLECTED ON FEBRUARY 24, MARCH 23, APRIL 21, APRIL 26, AND MAY 4, 2011.

TERRY ENVIRONMENTAL SERVICES
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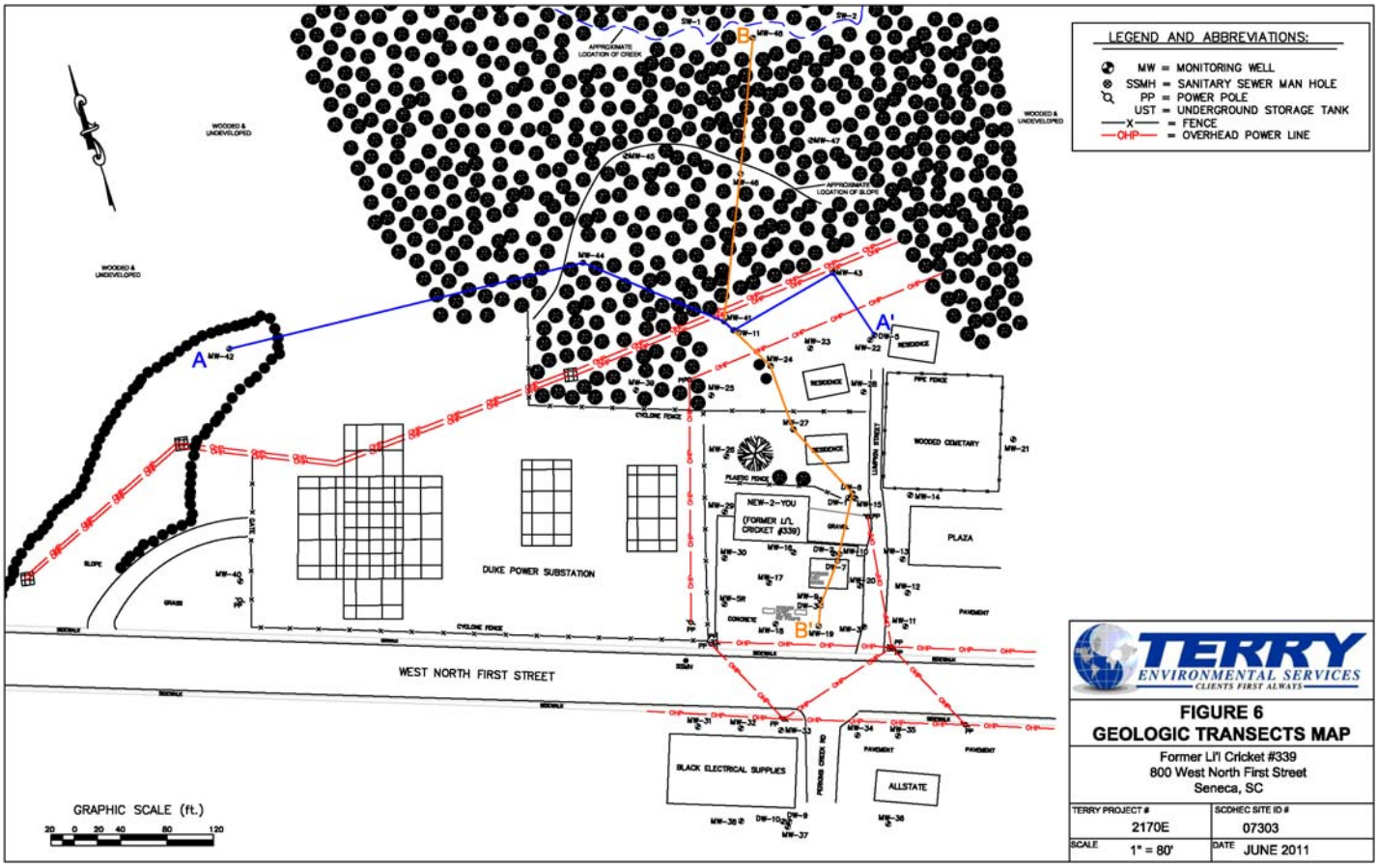
FIGURE 5
SOIL ANALYTICAL MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170E	07303
SCALE 1" = 80'	DATE JUNE 2011



TERRY ENVIRONMENTAL SERVICES
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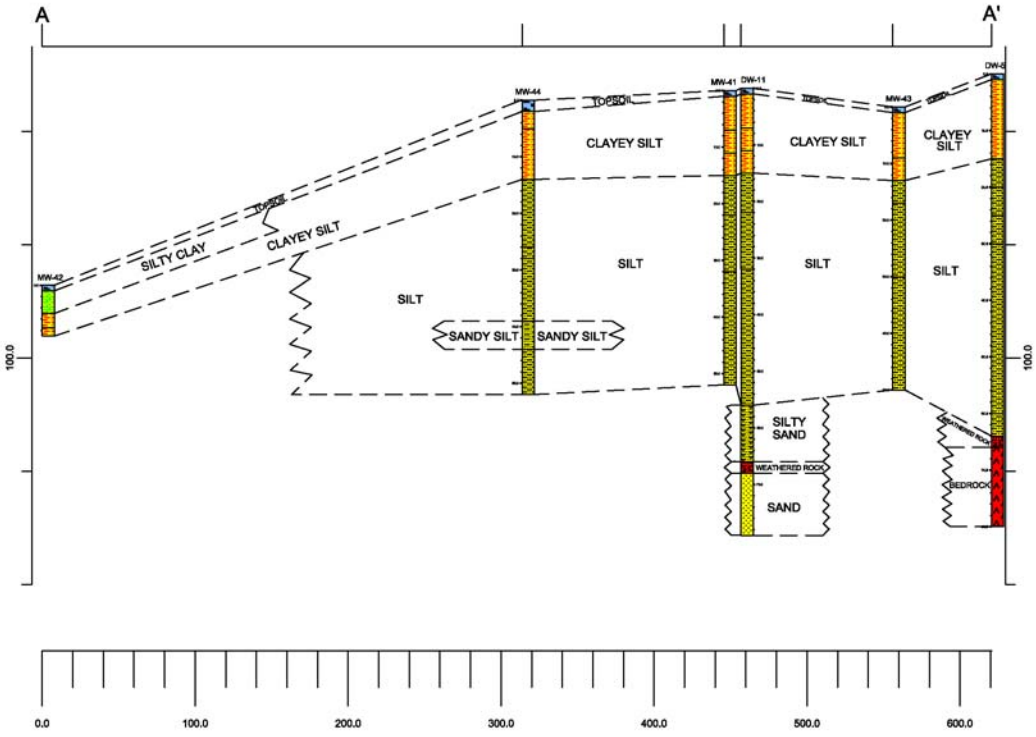
FIGURE 6
GEOLOGIC TRANSECTS MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170E	07303
SCALE 1" = 80'	DATE JUNE 2011

Cross-Section A-A'



Lithology Index

- TOPSOIL
- SILTY CLAY
- CLAYEY SILT
- SILT
- SAND
- WEATHERED ROCK
- SANDY SILT
- BEDROCK
- SILTY SAND

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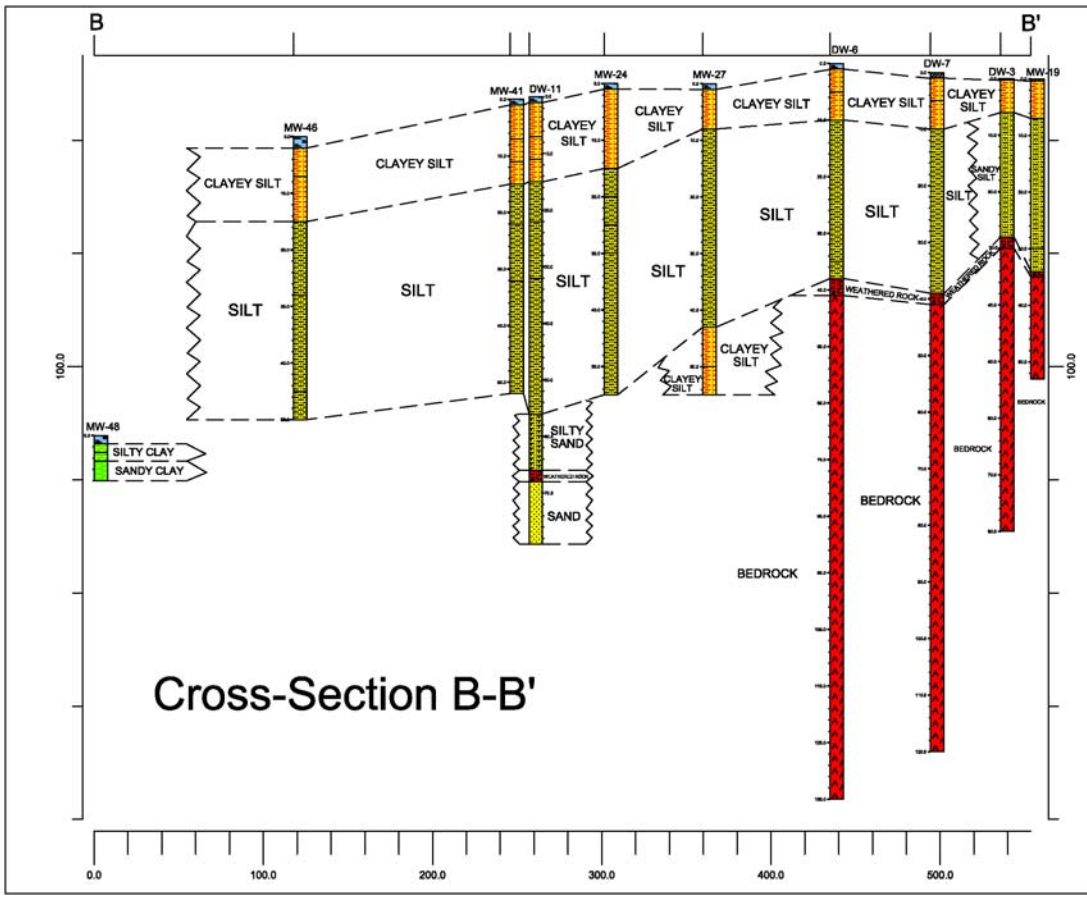
FIGURE 7A
GEOLOGIC CROSS SECTION (A-A')

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
SCALE 2170E	07303
AS SHOWN	DATE JUNE 2011



Cross-Section B-B'

Lithology Index

- TOPSOIL
- CONCRETE
- ASPHALT
- SILTY CLAY
- CLAYEY SILT
- WEATHERED ROCK
- SANDY SILT
- BEDROCK
- SILTY SAND
- SANDY CLAY
- SILT
- SAND

TERRY ENVIRONMENTAL SERVICES
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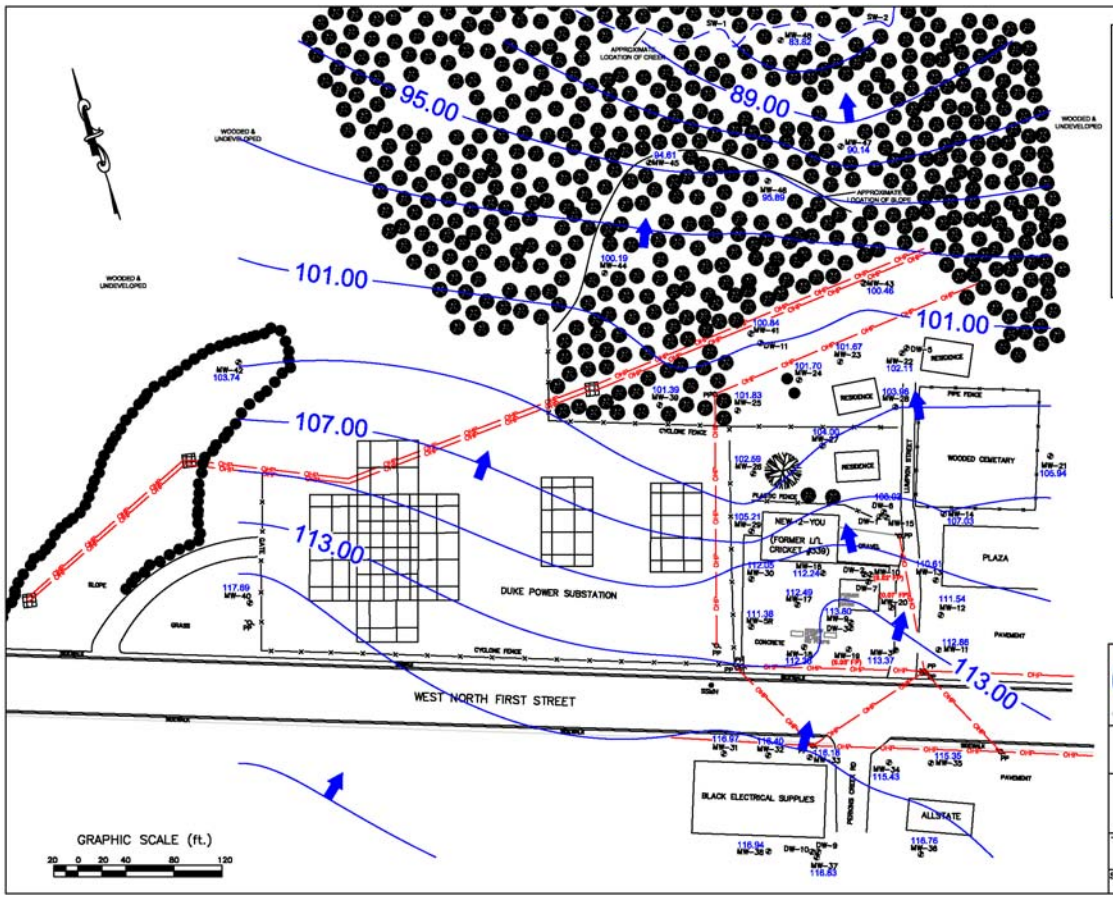
FIGURE 7B
GEOLOGIC CROSS SECTION (B-B')

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170E	07303
SCALE: AS SHOWN	DATE: JUNE 2011



LEGEND AND ABBREVIATIONS:

- MW = MONITORING WELL
- SSMH = SANITARY SEWER MAN HOLE
- PP = POWER POLE
- UST = UNDERGROUND STORAGE TANK
- —X— = FENCE
- —OHP— = OVERHEAD POWER LINE
- FP = FREE PRODUCT
- 102.11 GROUNDWATER ELEVATION (RELATIVE TO AN ASSUMED DATUM)
- 101.00 GROUNDWATER CONTOUR
- GROUNDWATER FLOW DIRECTION

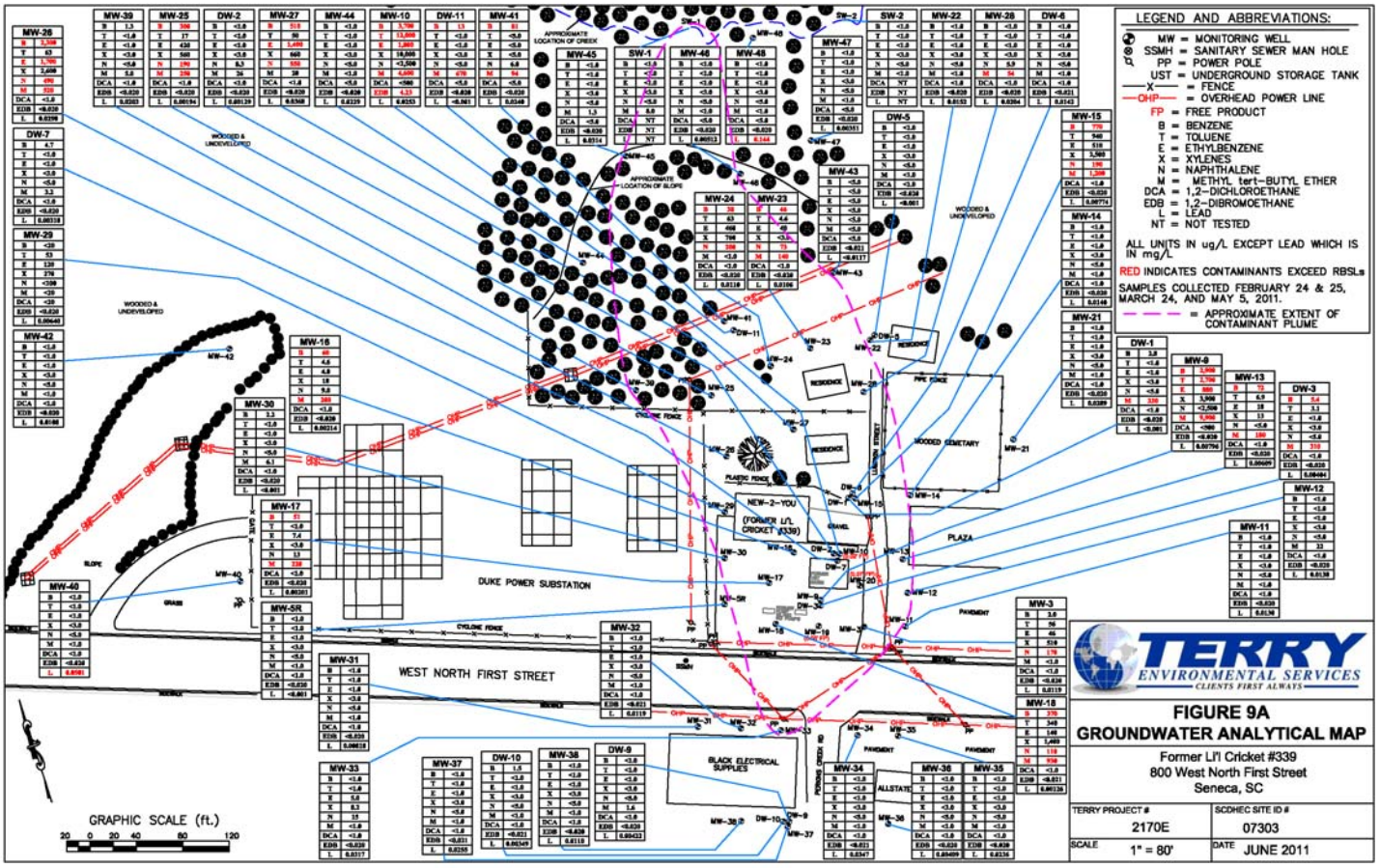
MEASUREMENTS COLLECTED FEBRUARY 24 & 25, MARCH 24, AND MAY 5, 2011.

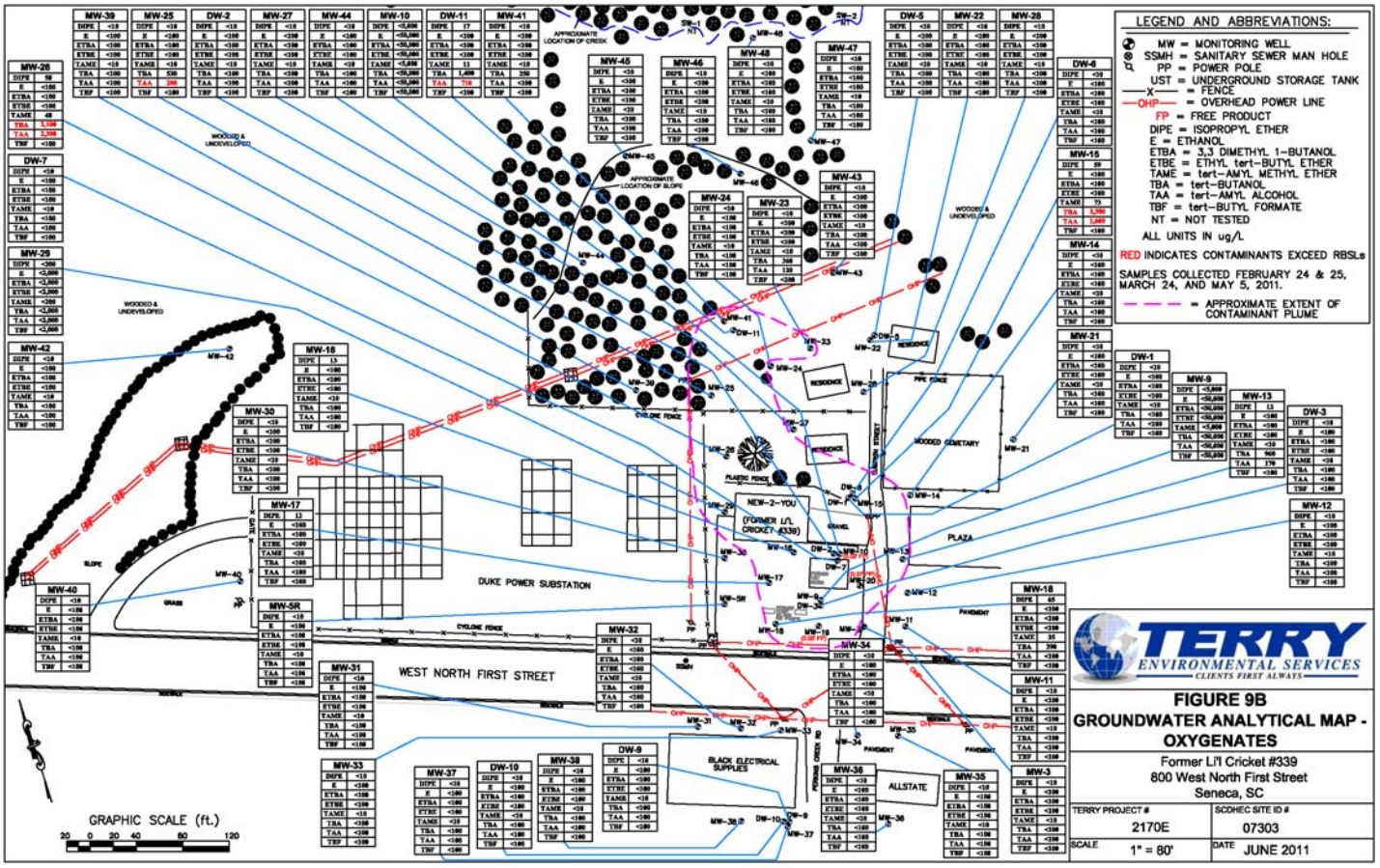
TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

FIGURE 8
GROUNDWATER CONTOUR MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170E	07303
SCALE 1" = 80'	DATE JUNE 2011


LEGEND AND ABBREVIATIONS:
MW = MONITORING WELL
SSMH = SANITARY SEWER MAN HOLE
PP = POWER POLE
UST = UNDERGROUND STORAGE TANK
X = FENCE
OHP = OVERHEAD POWER LINE
FP = FREE PRODUCT
B = BENZENE
T = TOLUENE
E = ETHYLBENZENE
X = XYLENES
N = NAPHTHALENE
M = METHYL tert-BUTYL ETHER
DCA = 1,2-DICHLOROETHANE
EDB = 1,2-DIBROMOETHANE
L = LEAD
NT = NOT TESTED
ALL UNITS IN ug/L EXCEPT LEAD WHICH IS IN mg/L
RED INDICATES CONTAMINANTS EXCEED RBSLs
SAMPLES COLLECTED FEBRUARY 24 & 25, MARCH 24, AND MAY 5, 2011.
= APPROXIMATE EXTENT OF CONTAMINANT PLUME
WEST NORTH FIRST STREET
DUKE POWER SUBSTATION
NEW-2-YOU (FORMER L/L CRICKET #339)
WOODED CEMETERY
RESIDENCE
PLAZA
PAVEMENT
GRAPHIC SCALE (ft.)
20 0 20 40 80 120
TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS
FIGURE 9A
GROUNDWATER ANALYTICAL MAP
Former Li'l Cricket #339
800 West North First Street
Seneca, SC
TERRY PROJECT #
2170E
SCDHEC SITE ID #
07303
SCALE
1" = 80'
DATE
JUNE 2011

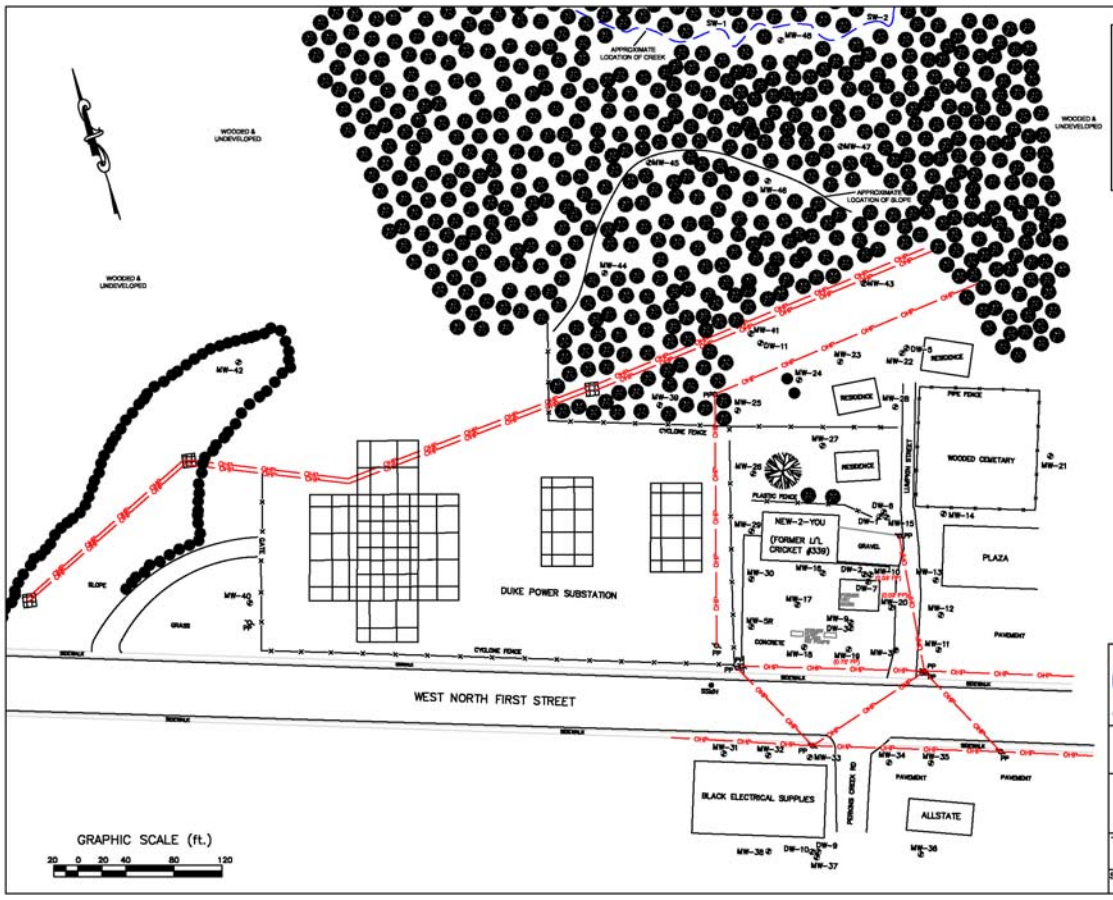


TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

FIGURE 9B
GROUNDWATER ANALYTICAL MAP - OXYGENATES

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170E	07303
SCALE 1" = 80'	DATE JUNE 2011



LEGEND AND ABBREVIATIONS:

- MW = MONITORING WELL
- SSMH = SANITARY SEWER MAN HOLE
- PP = POWER POLE
- UST = UNDERGROUND STORAGE TANK
- X = FENCE
- OHP = OVERHEAD POWER LINE
- FP = FREE PRODUCT

PRODUCT GAUGING CONDUCTED MAY 25, 2011.

Note: Monitoring wells MW-9, MW-10, MW-19, and MW-20 were gauged for current product levels. No product or sheen was detected in MW-9.

TERRY ENVIRONMENTAL SERVICES
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FIGURE 10
PRODUCT GAUGING MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170E	07303
SCALE 1" = 80'	DATE JUNE 2011

APPENDIX 2

Tables

TABLE 1
GROUNDWATER FIELD DELINEATION RESULTS
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
TERRY PROJECT #2170E

Boring Number	Sample ID	Matrix	Total Depth (ft.)	Depth Sample Taken (ft.)	Date Performed	Field Screening Depth (ft.)	GW PID Reading (ppm)	ANALYTICAL LABORATORY DATA					
								PARAMETERS					
								BENZENE	TOLUENE	ETHYL.	XYLENES	NAPHT.	MTBE
								ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
GP-1	–	WATER	54	54	12/10/2010	53-54	12.7	**5.1**	5.9	1.0	5.8	11	4.4
GP-2	–	WATER	54	54	12/10/2010	53-54	8.6	3.0	9.1	1.2	5.6	7.4	<1.0
GP-3	–	WATER	16.5	16.5	12/10/2010	15.5-16.5	2.2	<1.0	4.9	<1.0	<3.0	<5.0	<1.0
GP-4	–	WATER	17.5	Dry	12/10/2010	–	–	Boring refusal prior to target depth, dry - No sample collected					
GP-5	–	WATER	6	Dry	12/10/2010	–	–	Boring refusal prior to target depth, dry - No sample collected					
GP-6	–	WATER	9	9	12/10/2010	8-9	4.7	<1.0	1.2	<1.0	<3.0	<5.0	<1.0
GP-7	–	WATER	5	5	12/10/2010	4-5	2.6	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0
GP-8	–	WATER	9	9	12/10/2010	8-9	7.8	<1.0	2.4	1.1	5.1	12	<1.0
GP-9	–	WATER	48	48	3/23/2011	47-48	3.4	Field Screened - Sample Not Analyzed					
GP-10	–	WATER	48	48	3/23/2011	47-48	5.7	Field Screened - Sample Not Analyzed					
GP-11	–	WATER	54	54	4/21/2011	53-54	0.1	Field Screened - Sample Not Analyzed					
GP-12	–	WATER	54	54	4/21/2011	53-54	0.3	Field Screened - Sample Not Analyzed					
GP-13	–	WATER	54	54	4/21/2011	53-54	7.8	Field Screened - Sample Not Analyzed					
GP-14	–	WATER	43	43	5/4/2011	42-43	0.0	Field Screened - Sample Not Analyzed					
GP-15	–	WATER	8	8	5/4/2011	7-8	0.1	Field Screened - Sample Not Analyzed					
			480	**TOTAL BORING FOOTAGE**									
GW RBSL	–	–	–	–	–	–	–	**5**	**1,000**	**700**	**10,000**	**25**	**40**

NOTES:

ug/l	MICROGRAMS PER LITER (PARTS PER BILLION)
5.1	BOLD INDICATES CONTAMINATION PRESENT IN EXCESS OF RISK BASED SCREENING LEVELS
–	PARAMETER WAS NOT TESTED OR NOT APPLICABLE

GW RBSL UNITS ARE ug/l

TABLE 2
SOIL ANALYTICAL DATA
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
TERRY PROJECT #2170E

Boring Number	Total Depth (FT)	Depth Sample Taken (FT)	Date Performed	FIELD SCREENING DATA (depth in feet)											ANALYTICAL LABORATORY DATA				
				Soil PID Readings in ppm											PARAMETERS				
				2	4	5	10	15	20	25	30	35	40	45	BENZENE	TOLUENE	ETHYLBENZENE	XYLENES	NAPHTHALENE
															ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
MW-39	52	40	2/24/2011	–	–	4.7	24.6	30.8	39.0	45.7	53.3	59.8	67.4	–	<5.1	<5.1	<5.1	<5.1	<5.1
MW-40	16	10	2/24/2011	–	–	0.7	2.3	–	–	–	–	–	–	–	<4.6	<4.6	<4.6	<4.6	<4.6
MW-41	52	45	3/23/2011	–	–	0.2	0.6	1.7	3.4	5.4	6.1	6.3	7.4	9.1	<4.6	<4.6	<4.6	<4.6	<4.6
MW-42	9	4	2/24/2011	1.7	2.8	–	–	–	–	–	–	–	–	–	<3.9	<3.9	<3.9	<3.9	<3.9
MW-43	50	40	3/23/2011	–	–	0.1	0.1	1.0	0.8	1.6	2.5	2.2	3.8	–	<3.9	<3.9	<3.9	<3.9	<3.9
MW-44	52	40	5/4/2011	–	–	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	<2.7	<2.7	<2.7	<2.7	<2.7
MW-45	52	40	5/4/2011	–	–	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	<3.5	<3.5	<3.5	<3.5	<3.5
MW-46	50	40	4/21/2011	–	–	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	<3.6	<3.6	<3.6	<3.6	<3.6
MW-47	42	30	5/4/2011	–	–	0.0	0.0	0.0	0.0	0.0	0.0	–	–	–	<3.4	<3.4	<3.4	<3.4	<3.4
MW-48	8	–	5/4/2011	–	–	–	–	–	–	–	–	–	–	–	Not Sampled Due to Shallow Groundwater Table				
DW-11	79	35	4/26/2011	–	–	17.3	15.1	7.9	12.8	17.2	16.3	20.0	14.9	–	<5.8	<5.8	<5.8	<5.8	<5.8
SOIL RBSL	–	–	–	–	–	–	–	–	–	–	–	–	–	–	**3**	**627**	**1,551**	**13,010**	**47**

NOTES:

ppm PARTS PER MILLION
ug/kg MICROGRAMS PER KILOGRAM (PARTS PER BILLION)
– PARAMETER WAS NOT TESTED OR NOT APPLICABLE

SOIL RBSL UNITS ARE UG/KG

SOIL RBSL'S ARE BASED ON CLAY RICH SOIL WITH A SEPARATION DISTANCE OF <10 FEET.

TABLE 3
MONITORING WELL AND GROUNDWATER DATA
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
TERRY PROJECT #2170E

Well #	Date	TOC Elevation**	Screened Interval	Depth to Product*	Depth to Water*	Product Thickness	Water Table Elevation
		ft	ft	ft	ft	ft	ft
MW-3	10/1/2008	152.15	37-55	-	41.28	-	110.87
	2/16/2009			-	41.54	-	110.61
	6/22/2009			Not Sampled			
	2/25/2011			-	38.78	-	113.37
MW-5R	10/1/2008	150.01	50-60	-	59.55	-	90.46
	2/16/2009			-	53.20	-	96.81
	6/22/2009			Not Sampled			
	2/25/2011			-	38.63	-	111.38
MW-9	10/1/2008	150.85	45-55	-	40.81	-	110.04
	2/16/2009			-	40.44	-	110.41
	6/22/2009			Not Sampled			
	2/25/2011			-	37.05	-	113.80
	5/25/2011			-	37.33	-	113.52
MW-10	10/1/2008	152.07	42-52	43.62	43.95	**0.33**	108.12
	2/16/2009			43.83	43.93	**0.10**	108.14
	6/22/2009			Not Sampled			
	2/24/2011			41.47	41.49	**0.02**	110.58
	5/25/2011			40.94	40.97	**0.03**	111.10
MW-11	2/17/2009	153.51	40-50	-	43.31	-	110.20
	6/22/2009			Not Sampled			
	2/24/2011			-	40.65	-	112.86
MW-12	2/17/2009	154.40	40-50	-	45.39	-	109.01
	6/22/2009			Not Sampled			
	2/24/2011			-	42.86	-	111.54
MW-13	2/17/2009	153.54	40-50	-	45.34	-	108.20
	6/22/2009			Not Sampled			
	2/24/2011			-	42.93	-	110.61
MW-14	2/17/2009	154.32	45-55	-	49.58	-	104.74
	6/22/2009			Not Sampled			
	2/24/2011			-	47.29	-	107.03
MW-15	2/17/2009	152.67	40-50	-	47.05	-	105.62
	6/22/2009			Not Sampled			
	2/24/2011			-	44.64	-	108.03
MW-16	2/17/2009	151.33	40-55	-	42.08	-	109.25
	6/22/2009			Not Sampled			
	2/25/2011			-	39.09	-	112.24
MW-17	2/16/2009	150.78	40-55	-	41.43	-	109.35
	6/22/2009			Not Sampled			
	2/25/2011			-	38.29	-	112.49
MW-18	2/16/2009	150.31	35-50	-	40.90	-	109.41
	6/22/2009			Not Sampled			
	2/25/2011			-	37.93	-	112.38

TABLE 3
MONITORING WELL AND GROUNDWATER DATA
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
TERRY PROJECT #2170E

Well #	Date	TOC Elevation**	Screened Interval	Depth to Product*	Depth to Water*	Product Thickness	Water Table Elevation
		ft	ft	ft	ft	ft	ft
MW-19	2/17/2009	150.78	38-53	-	40.33	-	110.45
	6/22/2009			Not Sampled			
	2/25/2011			***	37.32	**0.05**	113.46
	5/25/2011			36.53	37.28	**0.75**	113.50
MW-20	2/17/2009	152.08	35-50	-	43.12	-	108.96
	6/22/2009			Not Sampled			
	2/25/2011			40.25	40.32	**0.07**	111.76
	5/25/2011			39.74	39.76	**0.02**	112.32
MW-21	6/22/2009	154.55	40-55	-	49.56	-	104.99
	2/25/2011			-	48.61	-	105.94
MW-22	6/22/2009	149.85	40-55	-	48.02	-	101.83
	2/24/2011			-	47.74	-	102.11
MW-23	6/22/2009	150.05	40-55	-	48.52	-	101.53
	2/24/2011			-	48.38	-	101.67
MW-24	6/22/2009	150.02	40-55	-	48.43	-	101.59
	2/24/2011			-	48.32	-	101.70
MW-25	6/22/2009	148.14	39-54	-	46.31	-	101.83
	2/24/2011			-	46.31	-	101.83
MW-26	6/22/2009	146.65	37-52	-	43.96	-	102.69
	2/24/2011			-	44.06	-	102.59
MW-27	6/22/2009	149.99	40-55	-	46.59	-	103.40
	2/24/2011			-	45.99	-	104.00
MW-28	6/22/2009	152.24	40-55	-	48.87	-	103.37
	2/24/2011			-	48.28	-	103.96
MW-29	6/22/2009	152.17	40-55	-	46.43	-	105.74
	2/25/2011			-	46.96	-	105.21
MW-30	6/22/2009	151.23	45-60	-	40.72	-	110.51
	2/25/2011			-	39.18	-	112.05
MW-31	6/22/2009	148.95	26-41	-	32.82	-	116.13
	2/25/2011			-	31.98	-	116.97
MW-32	6/22/2009	150.06	30-45	-	34.86	-	115.20
	2/25/2011			-	33.66	-	116.40
MW-33	6/22/2009	151.57	29-44	-	36.67	-	114.90
	2/25/2011			-	35.39	-	116.18
MW-34	6/22/2009	153.70	30-45	-	39.61	-	114.09
	2/25/2011			-	38.27	-	115.43
MW-35	6/22/2009	154.52	31-46	-	40.48	-	114.04
	2/25/2011			-	39.17	-	115.35
MW-36	6/22/2009	156.04	31-46	-	40.42	-	115.62
	2/24/2011			-	39.28	-	116.76

TABLE 3
MONITORING WELL AND GROUNDWATER DATA
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
TERRY PROJECT #2170E

Well #	Date	TOC Elevation**	Screened Interval	Depth to Product*	Depth to Water*	Product Thickness	Water Table Elevation
		ft	ft	ft	ft	ft	ft
MW-37	6/22/2009	151.73	29-44	-	35.92	-	115.81
	2/24/2011			-	34.90	-	116.83
MW-38	6/22/2009	150.63	32-47	-	34.61	-	116.02
	2/24/2011			-	33.69	-	116.94
MW-39	2/25/2011	149.78	42-52	-	48.39	-	101.39
MW-40	2/25/2011	132.33	6-16	-	14.64	-	117.69
MW-41	3/24/2011	147.24	42-52	-	46.40	-	100.84
MW-42	2/25/2011	112.87	2-9	-	9.13	-	103.74
MW-43	3/24/2011	144.35	40-50	-	43.89	-	100.46
MW-44	5/5/2011	145.55	42-52	-	45.36	-	100.19
MW-45	5/5/2011	140.80	42-52	-	46.19	-	94.61
MW-46	5/5/2011	140.64	40-50	-	44.75	-	95.89
MW-47	5/5/2011	126.76	32-42	-	36.62	-	90.14
MW-48	5/5/2011	87.83	3-8	-	4.01	-	83.82
DW-1	2/17/2009	152.36	75-80	-	47.91	-	104.45
	6/22/2009			Not Sampled			
	2/24/2011			-	45.34	-	107.02
DW-2	2/17/2009	151.77	75-80	-	44.15	-	107.62
	6/22/2009			Not Sampled			
	2/24/2011			-	41.68	-	110.09
DW-3	2/17/2009	150.83	75-80	-	42.12	-	108.71
	6/22/2009			Not Sampled			
	2/24/2011			-	40.06	-	110.77
DW-5	6/22/2009	150.19	75-80	-	45.55	-	104.64
	2/24/2011			-	61.27	-	88.92
DW-6	6/23/2009	152.59	115-130	-	63.39	-	89.20
	2/24/2011			-	49.98	-	102.61
DW-7	6/23/2009	151.97	115-120	-	113.41	-	38.56
	2/24/2011			-	46.27	-	105.70
DW-9	6/22/2009	151.96	75-80	-	37.64	-	114.32
	2/24/2011			-	36.34	-	115.62
DW-10	6/23/2009	151.77	115-120	-	37.84	-	113.93
	2/24/2011			-	36.86	-	114.91
DW-11	5/5/2011	147.66	74-79	-	46.1	-	101.56

Notes:

-- = No measurable product.

* = Relative to top of casing (TOC).

** = The TOC elevation benchmark was adjusted from 100' to 150' to allow for the newly installed deep wells with water levels greater than 100' below the TOC.

*** = Product thickness visually confirmed. Observed in bailer during purging.

TABLE 4
GROUNDWATER ANALYTICAL DATA
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
TERRY PROJECT #2170E

WELL ID	SAMPLING DATE	PARAMETERS																			
		Benzene	Toluene	Ethyl benzene	Xylenes	Naphthalene	MTBE	1,2 DCA	EDB	Lead	Nitrate/ Nitrite	Sulfate	Methane	Ferrous Iron	DIPE	Ethanol	ETBA	ETBE	TAME	TBA	TAA	TBF
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
RBSL	--	5	1,000	700	10,000	25	40	5	0.05	0.05	N/A	N/A	N/A	N/A	150	10,000	N/A	47	128	1,400	240	N/A
MW-3	10/1/2008	**8.51**	<1.00	4.1	7.25	3.51J	**57.3**	<1.00	<0.010	0.014B	7.85	<5.0	1.60J	0.595	--	--	--	--	--	--	--	--
	2/16/2009	2.45	<1.00	<1.00	<3.00	<5.00	**56.4**	<1.00	<0.010	0.0051B	--	--	--	--	2.67J	<100	<10.0	<5.00	6.94	103	46.3	<5.00
	6/22/2009	NOT SAMPLED																				
	2/25/2011	2.0	56	46	510	**170**	<1.0	<1.0	<0.020	0.0119	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-5R	10/1/2008	NOT SAMPLED																				
	2/16/2009	<1.00	<1.00	<1.00	<3.00	<5.00	0.994J	<1.00	<0.010	<0.015	--	--	--	--	<5.00	<100	<10.0	<5.00	<5.00	<10.0	<20.0	<5.00
	6/22/2009	NOT SAMPLED																				
	2/25/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.020	<0.001	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-9	10/1/2008	**2,820**	**4,860**	**1,140**	4,720	**357**	**9,050**	<50.0	**197**	**0.16**	<0.10	1.4B	1.72J	0.131	--	--	--	--	--	--	--	--
	2/16/2009	**3,020**	**4,180**	**1,150**	4,370	**393**	**8,630**	**52.0**	**0.069**	0.014B	--	--	--	--	**247J**	<5,000	<500	<250	**438**	**3,450**	<1,000	<250
	6/22/2009	NOT SAMPLED																				
	2/25/2011	**2,900**	**2,700**	**880**	3,900	<2,500	**9,900**	<500	<0.020	0.00796	--	--	--	--	<5,000	<50,000	<50,000	<50,000	<5,000	<50,000	<50,000	<50,000
MW-10*	10/1/2008	**FREE PRODUCT - 0.33 FEET**																				
	2/16/2009	**FREE PRODUCT - 0.10 FEET**																				
	6/22/2009	NOT SAMPLED																				
	2/24/2011	**3,700**	**12,000**	**1,800**	10,000	<2,500	**4,600**	<500	**4.23**	0.0253	--	--	--	--	<5,000	<50,000	<50,000	<50,000	<5,000	<50,000	<50,000	<50,000
MW-11	2/17/2009	<1.00	<1.00	<1.00	<3.00	<5.00	0.822J	<1.00	<0.010	0.014B	1.06	<5.0	--	<0.10	<5.00	<100	<10.0	<5.00	<5.00	<10.0	<20.0	<5.00
	6/22/2009	NOT SAMPLED																				
	2/24/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.020	0.0130	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-12	2/17/2009	<1.00	<1.00	<1.00	<3.00	<5.00	25.3	<1.00	<0.010	0.0043B	2.47	<5.0	--	<0.10	1.22J	<100	<10.0	<5.00	<5.00	<10.0	<20.0	<5.00
	6/22/2009	NOT SAMPLED																				
	2/24/2011	<1.0	<1.0	<1.0	<3.0	<5.0	22	<1.0	<0.020	0.0138	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-13	2/17/2009	<1.00	<1.00	<1.00	35.8	10.1	17.4	<1.00	<0.010	<0.015	4.39	<5.0	--	<0.10	1.11J	<100	<10.0	<5.00	<5.00	16.7	<20.0	<5.00
	6/22/2009	NOT SAMPLED																				
	2/24/2011	**72**	6.9	18	13	<5.0	**180**	<1.0	<0.020	0.00609	--	--	--	--	12	<100	<100	<100	<10	960	170	<100
MW-14	2/17/2009	<1.00	<1.00	<1.00	<3.00	<5.00	1.55	<1.00	<0.010	0.0037B	2.00	<5.0	--	<0.10	<5.00	<100	<10.0	<5.00	<5.00	<10.0	<20.0	<5.00
	6/22/2009	NOT SAMPLED																				
	2/24/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.020	0.0140	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-15	2/17/2009	**822**	**1,420**	417	1,550	**143**	**1,320**	<20.0	<0.010	0.0047B	<0.010	<5.0	--	0.4	40.8J	<2,000	<200	<100	**141**	**2,150**	<400	<100
	6/22/2009	NOT SAMPLED																				
	2/24/2011	**770**	940	510	2,500	**190**	**1,200**	<1.0	<0.020	0.00774	--	--	--	--	59	<100	<100	<100	73	**2,300**	**1,600**	<100
MW-16	2/17/2009	**183**	85.5	57.2	107	<25.0	**542**	**9.19**	0.019	0.0037B	<0.010	<5.0	--	2.2	28.6	<500	<50.0	<25.0	39.3	114	237	<25.0
	6/22/2009	NOT SAMPLED																				
	2/25/2011	**60**	4.6	4.8	18	9.0	**200**	<1.0	<0.020	0.00214	--	--	--	--	13	<100	<100	<100	<10	<100	<100	<100
MW-17	2/16/2009	**106**	15.7	54.6	84.0	<25.0	**463**	4.74J	<0.010	<0.015	<0.010	<5.0	--	2.4	24.0J	<500	<50.0	<25.0	38.3	72.8	<100	<25.0
	6/22/2009	NOT SAMPLED																				
	2/25/2011	**51**	<1.0	7.4	<3.0	13	**220**	<1.0	<0.020	0.00201	--	--	--	--	12	<100	<100	<100	<10	<100	<100	<100
MW-18	2/16/2009	**255**	72.7	109	458	<25.0	**689**	**7.48**	0.015	0.0056B	<0.010	<5.0	--	2.5	37.9	<500	<50.0	<25.0	44.0	123	143	<25.0
	6/22/2009	NOT SAMPLED																				
	2/25/2011	**370**	340	140	1,400	**110**	**930**	<1.0	<0.021	0.00126	--	--	--	--	65	<100	<100	<100	35	390	<100	<100
MW-19	2/17/2009	**3,110**	**9,000**	**1,330**	5,410	**682**	**12,100**	<100	**6.49**	**0.10**	<0.010	4.5B	--	2.8	**323J**	<10,000	<1,000	<500	**804**	**7,480**	<2,000	<500
	6/22/2009	NOT SAMPLED																				
	2/25/2011	**FREE PRODUCT - 0.05 FEET**																				

TABLE 4
GROUNDWATER ANALYTICAL DATA
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
TERRY PROJECT #2170E

WELL ID	SAMPLING DATE	PARAMETERS																			
		Benzene	Toluene	Ethyl benzene	Xylenes	Naphthalene	MTBE	1,2 DCA	EDB	Lead	Nitrate/ Nitrite	Sulfate	Methane	Ferrous Iron	DIPE	Ethanol	ETBA	ETBE	TAME	TBA	TAA	TBF
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
RBSL	--	5	1,000	700	10,000	25	40	5	0.05	0.05	N/A	N/A	N/A	N/A	150	10,000	N/A	47	128	1,400	240	N/A
MW-20	2/17/2009	**1,340**	**1,840**	**1,040**	2,670	**602**	**6,230**	<100	**1.61**	**0.053B**	<0.010	<5.0	--	0.6	146J	<10,000	<1,000	<500	**676**	**16,300**	**8,450**	<500
	6/22/2009	NOT SAMPLED																				
	2/25/2011	**FREE PRODUCT - 0.07 FEET**																				
MW-21	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/25/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.020	0.0289	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-22	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/24/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.020	0.0152	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-23	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/24/2011	**46**	4.6	40	<3.0	**73**	**140**	<1.0	<0.020	0.0106	--	--	--	--	<10	<100	<100	<100	<10	360	120	<100
MW-24	6/22/2009	**233**	195	**1,040**	2,990	**312**	19.5J	<20.0	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/24/2001	**38**	63	460	760	**200**	<1.0	<1.0	<0.020	0.0110	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-25	6/22/2009	**299**	65.8	635	1,260	**226**	**103**	<10.0	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/24/2011	**300**	17	420	560	**190**	**250**	<1.0	<0.020	0.00194	--	--	--	--	<10	<100	<100	<100	<10	530	**290**	<100
MW-26	6/22/2009	**399**	119	335	1,160	**165**	**156**	<10.0	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/24/2011	**2,300**	63	**1,700**	2,600	**490**	**520**	<1.0	<0.020	0.0298	--	--	--	--	58	<100	<100	<100	48	**2,100**	**2,300**	<100
MW-27	6/22/2009	**500**	13.1	261	96.8	**60.9**	**1,060**	<10.0	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/24/2011	**510**	50	**1,400**	660	**550**	28	<1.0	<0.020	0.0368	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-28	6/22/2009	<1.00	<1.00	<1.00	<3.00	3.98J	0.749J	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/24/2011	<1.0	<1.0	<1.0	<3.0	5.9	**54**	<1.0	<0.020	0.0204	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-29	6/22/2009	**14.4**	11.3	65.4	302	**29.0**	**44.2**	4.39	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/25/2011	<20	53	120	270	<100	<20	<20	<0.020	0.00640	--	--	--	--	<200	<2,000	<2,000	<2,000	<200	<2,000	<2,000	<2,000
MW-30	6/22/2009	3.06	<1.00	1.25	<3.00	<5.00	31.4	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/25/2011	2.2	<1.0	<1.0	<3.0	<5.0	6.1	<1.0	<0.020	<0.001	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-31	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/25/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.020	0.00818	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-32	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/25/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.021	0.0119	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-33	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/25/2011	<1.0	<1.0	5.0	8.2	15	<1.0	<1.0	<0.020	0.0317	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-34	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/25/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.021	0.0347	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-35	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/25/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.020	0.0236	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-36	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/24/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.020	0.00409	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-37	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/24/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.021	0.0255	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-38	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010													
	2/24/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.020	0.0110	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-39	2/25/2011	1.3	<1.0	<1.0	<3.0	<5.0	5.0	<1.0	<0.020	0.0203	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-40	2/25/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.020	**0.0501**	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-41	3/24/2011	**81**	<5.0	<5.0	<5.0	6.0	**94**	<5.0	<0.020	0.0240	--	--	--	--	<10	<100	<100	<100	<10	250	<100	<100

TABLE 4
GROUNDWATER ANALYTICAL DATA
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
TERRY PROJECT #2170E

WELL ID	SAMPLING DATE	PARAMETERS																			
		Benzene	Toluene	Ethyl benzene	Xylenes	Naphthalene	MTBE	1,2 DCA	EDB	Lead	Nitrate/ Nitrite	Sulfate	Methane	Ferrous Iron	DIPE	Ethanol	ETBA	ETBE	TAME	TBA	TAA	TBF
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
RBSL	--	**5**	**1,000**	**700**	**10,000**	**25**	**40**	**5**	**0.05**	**0.05**	N/A	N/A	N/A	N/A	**150**	**10,000**	N/A	**47**	**128**	**1,400**	**240**	N/A
MW-42	2/25/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.020	0.0108	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-43	3/24/2011	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.021	0.0117	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-44	5/5/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<5.0	<0.020	0.0229	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-45	5/5/2011	<1.0	<1.0	<1.0	<3.0	<5.0	1.3	<5.0	<0.020	0.0314	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-46	5/5/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<5.0	<0.020	0.00512	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-47	5/5/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<5.0	<0.020	0.00351	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
MW-48	5/5/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<5.0	<0.020	**0.144**	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
DW-1	2/17/2009	1.66	1.39	<1.00	<3.00	<5.00	**47.5**	<1.00	<0.010	<0.075	0.507	9.4	--	0.2	2.42J	<100	<10.0	<5.00	6.66	42.9	<20.0	<5.00
	6/22/2009	NOT SAMPLED																				
	2/24/2011	2.8	<1.0	<1.0	<3.0	<5.0	**330**	<1.0	<0.020	<0.001	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
DW-2	2/17/2009	2.81	<1.00	<1.00	<3.00	<5.00	**51.3**	<1.00	<0.010	0.015B	0.594	1.4B	--	<0.10	2.14J	<100	<10.0	<5.00	6.77	14.7	<20.0	<5.00
	6/22/2009	NOT SAMPLED																				
	2/24/2011	<1.0	<1.0	<1.0	<3.0	8.3	26	<1.0	<0.020	0.00129	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
DW-3	2/17/2009	**6.59**	1.85J	<2.00	<6.00	<10.0	**279**	3.42	<0.010	<0.075	0.461	<5.0	--	<0.10	14.0	<200	<20.0	<10.0	15.8	42.7	76.8	<10.0
	6/22/2009	NOT SAMPLED																				
	2/24/2011	**5.4**	3.1	<1.0	<3.0	<5.0	**310**	<1.0	<0.020	0.00404	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
DW-5	6/22/2009	1.93	1.22	2.36	1.24J	<5.00	2.42	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/24/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.020	<0.001	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
DW-6	6/23/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/24/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.021	0.0142	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
DW-7	6/23/2009	<1.00	<1.00	<1.00	<3.00	<5.00	1.60	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/24/2011	4.7	<1.0	<1.0	<3.0	<5.0	3.2	<1.0	<0.020	0.00318	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
DW-9	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	1.20	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/24/2011	<1.0	<1.0	<1.0	<3.0	<5.0	1.6	<1.0	<0.020	0.00422	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
DW-10	6/23/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/24/2011	1.5	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.021	0.00349	--	--	--	--	<10	<100	<100	<100	<10	<100	<100	<100
DW-11	5/5/2011	**13**	<1.0	<1.0	<3.0	<5.0	**670**	<5.0	<0.020	<0.001	--	--	--	--	17	<100	<100	<100	11	1,400	**710**	<100
SW-1	5/5/2011	<1.0	<1.0	<1.0	<3.0	<5.0	8.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SW-2	5/5/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

NOTES:

-- = Parameter was not tested
RBSL = Risk Based Screening Levels
ug/L= micrograms per liter
mg/L= milligrams per liter
J = Indicates an estimated value
MTBE = tert-Butyl Methyl Ether
1,2 DCA = 1,2 Dichloroethane
EDB = 1,2-Dibromoethane
DIPE = Isopropyl Ether
ETBA = 3,3 Dimethyl 1-butanol
ETBE = Ethyl tert-butyl ether
TAME = tert-amyl methyl ether
TBA = tert-Butyl Alcohol
TAA = tert-amyl alcohol
TBF = tert-butyl formate
B = (ORGANICS) Indicates the analyte was detected in the associated method blank
B = (INORGANICS) Indicates the result is between the RDL and the MDL
Bold Lettering indicates parameter exceeds SCDHEC RBSLs except for 1,2 DCA which is based on EPA limits
* = Sample was collected beneath free product (0.02' thickness) per SCDHEC request

APPENDIX 3

AFVR Data & Disposal Manifest

TABLE 1
GROUNDWATER ELEVATION AND VACUUM DATA
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST Permit # 07303
January 14, 2011

Well #	MW-13			Well #	MW-15			Well #	MW-16			Well #	MW-20		
Elapsed Time	Depth to Product (ft)	Depth to Water (ft)	Vacuum (in H2O)	Elapsed Time	Depth to Product (ft)	Depth to Water (ft)	Vacuum (in H2O)	Elapsed Time	Depth to Product (ft)	Depth to Water (ft)	Vacuum (in H2O)	Elapsed Time	Depth to Product (ft)	Depth to Water (ft)	Vacuum (in H2O)
0	--	42.65	0.00	0	--	44.37	0.00	0	--	38.66	0.00	0	**40.07**	40.41	0.00
0.5	--	42.67	0.00	0.5	--	44.38	0.00	0.5	--	38.71	0.00	0.5	**40.10**	40.44	0.00
1	**--**	42.67	0.00	1	**--**	44.38	0.00	1	**--**	38.72	0.00	1	**40.12**	40.46	0.00
1.5	**--**	42.67	0.00	1.5	**--**	44.38	0.00	1.5	**--**	38.73	0.00	1.5	**40.13**	40.46	0.00
2	--	42.67	0.00	2	--	44.38	0.00	2	--	38.72	0.00	2	**40.12**	40.46	0.00
2.5	--	42.67	0.00	2.5	--	44.38	0.00	2.5	--	38.72	0.00	2.5	**40.11**	40.45	0.00
3	--	42.66	0.00	3	--	44.38	0.00	3	--	38.71	0.00	3	**40.11**	40.45	0.00
3.5	**--**	42.66	0.00	3.5	**--**	44.38	0.00	3.5	**--**	38.70	0.00	3.5	**40.10**	40.44	0.00
4	**--**	42.65	0.00	4	**--**	44.38	0.00	4	**--**	38.70	0.00	4	**40.10**	40.44	0.00
4.5	**--**	42.65	0.00	4.5	**--**	44.38	0.00	4.5	**--**	38.70	0.00	4.5	**40.10**	40.44	0.00
5	--	42.65	0.00	5	--	44.38	0.00	5	--	38.70	0.00	5	**40.10**	40.44	0.00
5.5	--	42.65	0.00	5.5	--	44.38	0.00	5.5	--	38.71	0.00	5.5	**40.10**	40.43	0.00
6	--	42.65	0.00	6	--	44.38	0.00	6	--	38.72	0.00	6	**40.10**	40.43	0.00
6.5	**--**	42.65	0.00	6.5	**--**	44.38	0.00	6.5	**--**	38.71	0.00	6.5	**40.10**	40.43	0.00
7	--	42.65	0.00	7	--	44.38	0.00	7	--	38.70	0.00	7	**40.10**	40.42	0.00
7.5	--	42.65	0.00	7.5	--	44.38	0.00	7.5	--	38.70	0.00	7.5	**40.10**	40.42	0.00
8	--	42.65	0.00	8	--	44.38	0.00	8	--	38.70	0.00	8	**40.10**	40.42	0.00
Maximum Drawdown		**0.02**		Maximum Drawdown		**0.01**		Maximum Drawdown		**0.07**		Maximum Drawdown		**0.05**	
Maximum Observed Vacuum			**0.0**	Maximum Observed Vacuum			**0.0**	Maximum Observed Vacuum			**0.0**	Maximum Observed Vacuum			**0.0**
Distance From Recovery Well (ft)			**46**	Distance From Recovery Well (ft)			**50**	Distance From Recovery Well (ft)			**38**	Distance From Recovery Well (ft)			**33**

RADIUS OF INFLUENCE

Best Fit Linear Regression - Drawdown Data **51** ft

Best Fit Linear Regression - Vacuum Data **<33** ft

AFVR Emissions Field Data

Date:	January 14, 2011	**Average Depth to Groundwater:**	44 ft.
Site Name:	Former Li'l Cricket #339	**Describe Soil in Saturated Zone:**	Saprolite
SCDHEC Site ID #:	07303	**Vacuum Contractor:**	Terry Exploration Services, LLC
Well ID #:	**MW-10**	**Blower Specification of the Vacuum Truck (CFM @ Hg):**	575 CFM @ 15" Hg

DRY STANDARD CUBIC FEET PER MINUTE (DSCFM) CALCULATIONS (Qstd)										EMISSION CALCULATION							
		Vacuum	Velocity	Pipe Id	Temp.	Rel.Humid	$PPM_{measured}$	Elapsed time	Flow	PPM_d	PPM_c	K	C_{cm}	C_c	PMR_c	PMR_g	PMR_g
Date	Time	(in. Hg)	(ft/min)	(in)	(F)	(%)	(ppm)	(min)	(DSCFM)				(mg/dsm^3)	(lb/dscf)	(lb/hr)	(lb/hr)	(gal/hr)
1/14/2011	8:30	15.0	2,860	3	84.0	20.7	469.0	0	124.25	514.09	2056.35	4	1026.04	6.406E-05	0.48	0.55	0.09
1/14/2011	9:00	16.5	2,408	3	100.0	22.4	644.0	30	101.62	705.91	2823.64	4	1408.89	8.796E-05	0.54	0.62	0.10
1/14/2011	9:30	17.5	2,641	3	130.8	22.7	1,048.0	60	105.64	1148.75	4594.99	4	2292.72	1.431E-04	0.91	1.05	0.17
1/14/2011	10:00	19.0	2,109	3	141.0	20.8	896.0	90	82.93	982.14	3928.54	4	1960.19	1.224E-04	0.61	0.70	0.11
1/14/2011	10:30	16.5	2,266	3	141.0	21.3	997.0	120	89.11	1092.85	4371.38	4	2181.15	1.362E-04	0.73	0.84	0.13
1/14/2011	11:00	17.0	2,408	3	141.0	19.5	969.0	150	94.69	1062.15	4248.61	4	2119.89	1.323E-04	0.75	0.87	0.14
1/14/2011	11:30	16.0	2,745	3	141.0	16.2	1,079.0	180	107.94	1182.73	4730.91	4	2360.54	1.474E-04	0.95	1.10	0.18
1/14/2011	12:00	16.0	2,583	3	141.0	15.7	841.0	210	101.57	921.85	3687.39	4	1839.87	1.149E-04	0.70	0.81	0.13
1/14/2011	12:30	16.0	2,445	3	141.0	15.1	823.0	240	96.14	902.12	3608.47	4	1800.49	1.124E-04	0.65	0.75	0.12
1/14/2011	13:00	16.0	2,454	3	141.0	11.2	990.0	270	96.50	1085.17	4340.69	4	2165.84	1.352E-04	0.78	0.91	0.14
1/14/2011	13:30	16.0	2,339	3	141.0	8.0	928.0	300	91.98	1017.21	4068.85	4	2030.20	1.267E-04	0.70	0.81	0.13
1/14/2011	14:00	16.0	2,361	3	141.0	8.7	917.0	330	92.84	1005.15	4020.62	4	2006.13	1.252E-04	0.70	0.81	0.13
1/14/2011	14:30	16.0	2,326	3	141.0	9.1	893.0	360	91.47	978.85	3915.39	4	1953.63	1.220E-04	0.67	0.77	0.12
1/14/2011	15:00	16.0	2,275	3	141.0	8.1	905.0	390	89.46	992.00	3968.00	4	1979.88	1.236E-04	0.66	0.77	0.12
1/14/2011	15:30	16.0	2,367	3	141.0	6.4	905.0	420	93.08	992.00	3968.00	4	1979.88	1.236E-04	0.69	0.80	0.13
1/14/2011	16:00	16.0	2,361	3	141.0	7.2	903.0	450	92.84	989.81	3959.23	4	1975.50	1.233E-04	0.69	0.79	0.13
1/14/2011	16:30	16.0	2,367	3	141.0	8.0	900.0	480	93.08	986.52	3946.08	4	1968.94	1.229E-04	0.69	0.79	0.13
Average		16.3	2430	3.0	134.6	14.2	889		96.59	974.08	3896.30	4	1944.10	1.214E-04	0.70	0.81	0.13
Bws =	0.088	Bwsw:	0.06														

Total Pounds of Carbon Recovered as Emissions: **5.63**

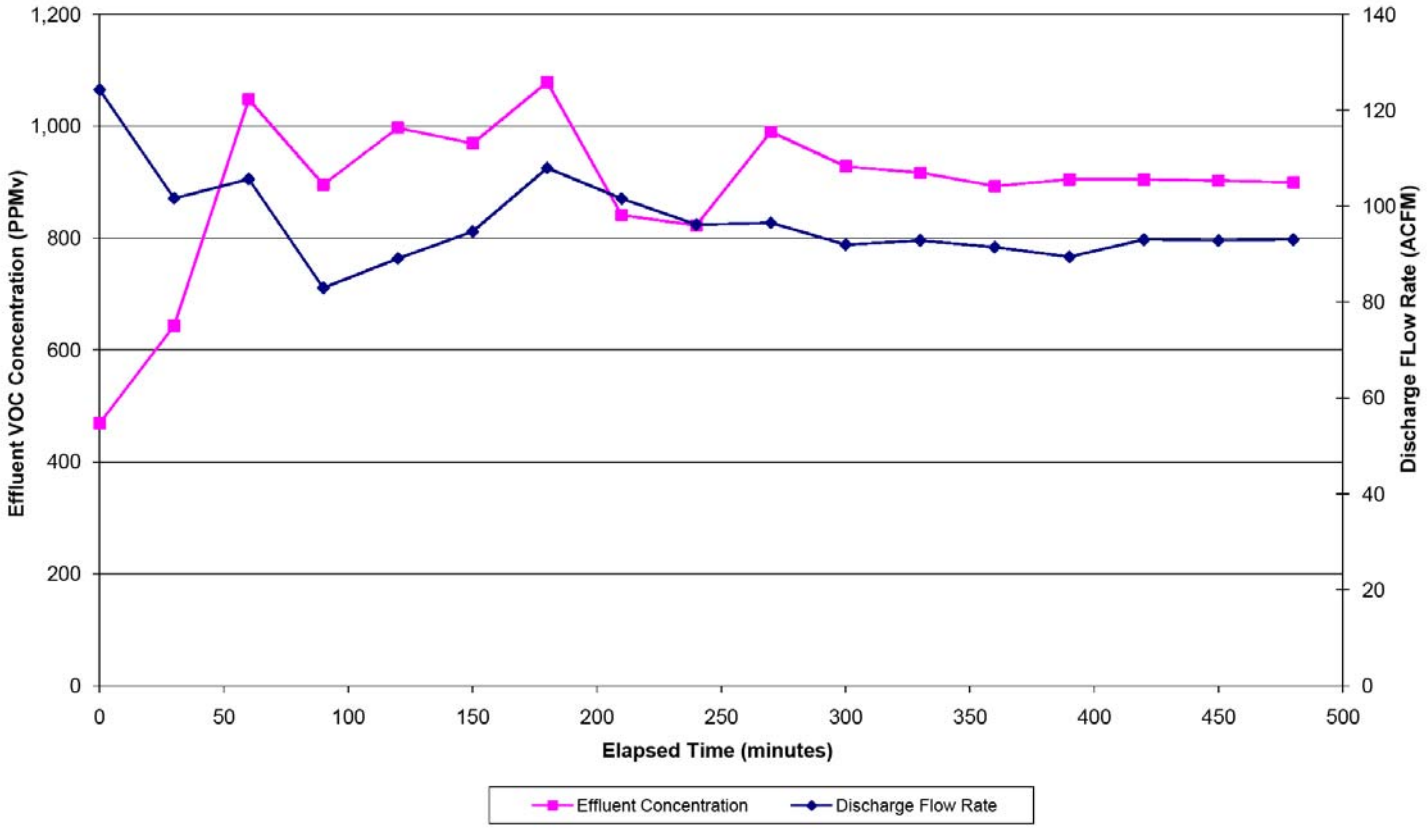
Total Pounds of Gasoline Vapor Recovered as Emissions: **6.51**

Total Gallons of Gasoline Recovered as Emissions: **1.04**

(This Number Represents the Gallons Recovered via Vapors, Not Total Liquids)

TERRY Environmental Services
CLIENTS FIRST ALWAYS

AFVR PROCESS MONITORING
January 14, 2011
Former Li'l Cricket #339, Seneca, South Carolina
SCDHEC UST Permit #07303



TERRY Environmental Services
CLIENTS FIRST ALWAYS

AFVR Definitions and Equations

Qstd = (60 sec/min) (1- Bws) (velocity) (Pipe ID sq.ft.) [(528 oR / (Temp. + 460)] (Listed As Flow Above)

Bws = (B_{wsw} / 18 lb-mole H_2O) / [(1/28.84 lb-mole dry air) + B_{wsw} / 18 lb-mole H_2O)]

PPMd = (PPMw) / (1-Bws)

PPMc = (PPM) (K)

Cc = Ccm (62.43 E -9 lb-m^3/mg-ft^3)

PMRg = (PMRc) (Mg/Mcg)

Bgs = below top of casing

Bws = (B_{WSW} / 18 lb-mole H_2O) / [(1/28.84 lb-mole dry air) + B_{wsw} / 18 lb-mole H_2O)]

Qstd = (60 sec/min)(1-Bws)(V)(A)(Temp deg Rankin)

Bgs = below top of casing

Bws - water vapor % by volume

PPMmeasured = obtained directly from Photo Ionization Detector (PID)

Bwsw - pounds of water per pound of dry air, derived from the psychometric chart (temp Vs relative hum)

PPMw = PPM measured (wet Conc.)

K = # of carbons in calibration gas (isobutylene)

PPMc = PPMv, volumetric concentration of VOC emissions as carbon, dry basis, at STP

Ccm = mg/dsm^3, mass concentration of VOC emissions as carbon

Mc = 12.01 mg/mg-mole, molecular wt. of carbon

K_3 = 24.07 $dsm^3/10^6$ mg-mole, mass to volume conversion factor at stp

Cc = lb/dscf, mass concentration of VOC emissions as carbon, dry basis, at STP

PMRc = lb/hr, pollutant mass removal rate of VOC's as carbon

PMRg = lb/hr, pollutant mass removal rate of VOC's as gasoline

Mcg = 89 mg/mg-mole, weight of carbon in gasoline molecule

PPMd = "dry" concentration

Mg = 103 mg/mg-mole, molecular wt. of gasoline

Qstd - Flow at DSCFM

Ccm = PPMc (Mc/K_3)

PMRc = Cc (Qstd) (60 min/hr)

Reference:

North Carolina Department of Natural Resources, Division of Waste Management, Underground Storage Tank Section, Appendix B, Report Formats, April 2001.

US Water Recovery

Non-Hazardous Wastewater Manifest Number:

1. Generator's EPA ID# (if applicable): Waste ID Number:

2. Generator's Name and Mailing Address: Phone (843) 878 8200
former Lee Center
Seneca, SC
PO#: 21706

3. Agent of Generator and Mailing Address: Phone (843) 878 8200
Team Environmental
PO Box 25
Summerville SC 29484
PO#: 21706

4. Transporter Company Name: Phone ( )
Same as above ↑
Truck & Trailer License Number:

5. Transporter U.S. EPA ID#:

6. Facility Name and Site Address: Phone: (843) 797-8874
U S Water Recovery
435 Old Mt. Holly Rd.
Mt. Holly, SC 29445
Fax: (843) 797-2126

Mailing Address: Phone: (843) 797-3111
U S Water Recovery
210 S. Cedar Street
Summerville, SC 29483
Fax: (843) 797-1884

7. Facility U.S. EPA ID#:

Start Level:	End Level:	Total Gallons:	Tank Number
0	350	350	

8. U.S. DOT Desciption	Container No.	Container Type	Unit	Quantity
a. Non-Hazardous, non-regulated waste water	1	VAC	GAL	

9. Generator's Certification: I hereby declare that the contents of this consignment are not hazardous by definition or listing and are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina. I further certify that the contents of this consignment are as represented by the description contained on the Waste Profile Form previously submitted to and approved by the Designated Facility.

Printed/Typed Name: Bill Lineweaver Signature: Bill Lineweaver AS AGENT Date: 1/18/11

10. Transporter Acknowledgement of Receipt of Materials

Printed/Typed Name: Bill Lineweaver Signature: Bill Lineweaver AS AGENT Date: 1/18/11

11. Discrepancy indication space:

12. Facility Owner or Operator: Certification of Receipt of Materials

Printed/Typed Name: David Ward Signature: David Ward Date: 1-18-11

White - Facility Yellow - Office Pink - Transporter Blue - Generator

7875

APPENDIX 4

Field Delineation Analytical Data

ACCESS ANALYTICAL, INC.

ANALYTICAL REPORT

CLIENT

Terry Environmental
PO Box 25
Summerville SC 29484

ATTENTION
Randy Brand

PROJECT ID
F. Li'L Cricket #339

LABORATORY REPORT NUMBER
1012A54

DATE
December 15, 2010

Primary Data Review By

Brian Rohr
Project Manager, AES

Secondary Data Review By

Ashley Amick
Project Manager, Access Analytical
aamick@axs-inc.com

PLEASE NOTE:

- **Unless otherwise noted, all analysis on this report performed at Analytical Environmental Services Inc. (AES Inc), 3785 Presidential Parkway, Atlanta, GA 30340.**
- **AES is SCDHEC certified laboratory # 98016, NCDENR certified lab # 562, GA certified lab # FL-E87582, NELAP certified laboratory # E87582**
- Local support services for this project are provided by Access Analytical, Inc. Access Analytical is a representative of AES serving client in the SC/NC/GA areas. All questions regarding this report should be directed to your local Access Analytical representative at 803.781.4243 or toll fee at 883.315.4243

Access Analytical - Chain of Custody Record

1012A54

LAB USE ONLY

Project Work Order # _____ **PO #** _____ **Access Quote #** _____ **Laboratory ID:** 1098

LAB USE ONLY

Company Name: Terry Environmental
Report To: Randy Brand
Address: PO Box 25
City: Summerville State: SC Zip: 29484
Phone: 843-873-8200 Fax:
Email: RBrand@Terryenvironmental.com
Project ID: F. Li'l Cricket #339 2170 E
Sampled By: LO

Preservative: (*see codes) 1
Container Type: (*see codes) G

↓ REQUESTED LAB ANALYSIS: ↓ BTEX, MtBE, Naph

Sample ID/Description	Date Collected:	Time Collected:	Type: (grab or composite)	Matrix: (see codes)	Program Area (see codes)	TOTAL # of containers		
GP-1	12/10/10	1210	grab	GW	SWF	2	collected / pre-analysis	2
GP-2		1145					collected / pre-analysis	
GP-3		1045					collected / pre-analysis	
GP-6		0855					collected / pre-analysis	
GP-7		0910					collected / pre-analysis	
GP-8	↓	0925	↓	↓	↓	↓	collected / pre-analysis	↓
							collected / pre-analysis	
							collected / pre-analysis	
							collected / pre-analysis	
							collected / pre-analysis	

ACCESS ANALYTICAL, INC.
7478 Carlisle Street
Irmo, SC 29063
Phone: (803) 781-4243
Fax: 781-4303
www.axs-inc.com

*Preservative Codes (place corresponding # in block above analysis field): 0 = None, 1 = HCL, 2 = HNO_3, 3 = H_2SO_4, 4 = NaOH, 5 = $Na_2S_2O_3$, 6 = Method 5035 set w/ $NaHSO_4$ & CH_3OH, 7 = NaOH/ZnOAC, 8 = H_3PO_4

*Matrix Codes (place corresponding code in matrix column): GW = ground water, WW = waste water, DW = drinking water, S = soil, SL = sludge, A = air, IW = industrial waste, WO = waste oil, OT = other (specify in comments section)

*Program Area Codes: CWA = Clean Water Act (for wastewaters), SDWA = Safe Drinking Water Act (for drinking waters), SHW = Solid and Hazardous Wastes (for soils, ground waters and waste samples)

*Container Type: G = Glass, P = Plastic

NOTES / COMMENTS
(if sample is a composite please use space below to note start/finish times & dates)

Turnaround Time:
X Standard
__ RUSH*
*Date Required: 12/20/10
(For rush work, results emailed/faxed by end of business day on date required)

Project Location:
X SC
__ NC
__ Other
(specify) _____

Relinquished By:	Received By:	Date (mm-dd-yy)	Time (24HR)	Sample Temp. Upon Receipt (°C):	
Lauren Ott	M. Robertson Access	12/10/10	1515	1.0 (°C)	__ (N/A)
Matt Access	Fed Ex	12-10-10	1710	__ (°C)	X (N/A)
	Matt A	12-11-10	1135	__ (°C)	__ (N/A)
				__ (°C)	__ (N/A)

See Reverse for Terms and Conditions

Original Copy - Returned w/Report
Yellow Copy - Access File Copy
Pink Copy - Client Copy

Analytical Environmental Services, Inc **Date:** 15-Dec-10

Client:	Terry Environmental	**Client Sample ID:**	GP-1
Project:	F. Li'L Cricket #339	**Collection Date:**	12/10/2010 12:10:00 PM
Lab ID:	1012A54-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Benzene	5.1	1.0		ug/L	139445	1	12/14/2010 22:28	NK
Toluene	5.9	1.0		ug/L	139445	1	12/14/2010 22:28	NK
Ethylbenzene	1.0	1.0		ug/L	139445	1	12/14/2010 22:28	NK
Xylenes, Total	5.8	3.0		ug/L	139445	1	12/14/2010 22:28	NK
Naphthalene	11	5.0		ug/L	139445	1	12/14/2010 22:28	NK
Methyl tert-butyl ether	4.4	1.0		ug/L	139445	1	12/14/2010 22:28	NK
Surr: 4-Bromofluorobenzene	105	64.7-130		%REC	139445	1	12/14/2010 22:28	NK
Surr: Dibromofluoromethane	96.4	80.7-129		%REC	139445	1	12/14/2010 22:28	NK
Surr: Toluene-d8	91.7	71.1-120		%REC	139445	1	12/14/2010 22:28	NK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc **Date:** 15-Dec-10

Client:	Terry Environmental	**Client Sample ID:**	GP-2
Project:	F. Li'L Cricket #339	**Collection Date:**	12/10/2010 11:45:00 AM
Lab ID:	1012A54-002	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Benzene	3.0	1.0		ug/L	139445	1	12/14/2010 22:55	NK
Toluene	9.1	1.0		ug/L	139445	1	12/14/2010 22:55	NK
Ethylbenzene	1.2	1.0		ug/L	139445	1	12/14/2010 22:55	NK
Xylenes, Total	5.6	3.0		ug/L	139445	1	12/14/2010 22:55	NK
Naphthalene	7.4	5.0		ug/L	139445	1	12/14/2010 22:55	NK
Methyl tert-butyl ether	BRL	1.0		ug/L	139445	1	12/14/2010 22:55	NK
Surr: 4-Bromofluorobenzene	102	64.7-130		%REC	139445	1	12/14/2010 22:55	NK
Surr: Dibromofluoromethane	97.7	80.7-129		%REC	139445	1	12/14/2010 22:55	NK
Surr: Toluene-d8	90.6	71.1-120		%REC	139445	1	12/14/2010 22:55	NK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 15-Dec-10

Client:	Terry Environmental	**Client Sample ID:**	GP-3
Project:	F. Li'L Cricket #339	**Collection Date:**	12/10/2010 10:45:00 AM
Lab ID:	1012A54-003	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Benzene	BRL	1.0		ug/L	139445	1	12/14/2010 23:22	NK
Toluene	4.9	1.0		ug/L	139445	1	12/14/2010 23:22	NK
Ethylbenzene	BRL	1.0		ug/L	139445	1	12/14/2010 23:22	NK
Xylenes, Total	BRL	3.0		ug/L	139445	1	12/14/2010 23:22	NK
Naphthalene	BRL	5.0		ug/L	139445	1	12/14/2010 23:22	NK
Methyl tert-butyl ether	BRL	1.0		ug/L	139445	1	12/14/2010 23:22	NK
Surr: 4-Bromofluorobenzene	99.8	64.7-130		%REC	139445	1	12/14/2010 23:22	NK
Surr: Dibromofluoromethane	98	80.7-129		%REC	139445	1	12/14/2010 23:22	NK
Surr: Toluene-d8	88.2	71.1-120		%REC	139445	1	12/14/2010 23:22	NK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 15-Dec-10

Client:	Terry Environmental	**Client Sample ID:**	GP-6
Project:	F. Li'L Cricket #339	**Collection Date:**	12/10/2010 8:55:00 AM
Lab ID:	1012A54-004	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Benzene	BRL	1.0		ug/L	139445	1	12/14/2010 23:49	NK
Toluene	1.2	1.0		ug/L	139445	1	12/14/2010 23:49	NK
Ethylbenzene	BRL	1.0		ug/L	139445	1	12/14/2010 23:49	NK
Xylenes, Total	BRL	3.0		ug/L	139445	1	12/14/2010 23:49	NK
Naphthalene	BRL	5.0		ug/L	139445	1	12/14/2010 23:49	NK
Methyl tert-butyl ether	BRL	1.0		ug/L	139445	1	12/14/2010 23:49	NK
Surr: 4-Bromofluorobenzene	99.9	64.7-130		%REC	139445	1	12/14/2010 23:49	NK
Surr: Dibromofluoromethane	102	80.7-129		%REC	139445	1	12/14/2010 23:49	NK
Surr: Toluene-d8	89.6	71.1-120		%REC	139445	1	12/14/2010 23:49	NK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 15-Dec-10

Client:	Terry Environmental	**Client Sample ID:**	GP-7
Project:	F. Li'L Cricket #339	**Collection Date:**	12/10/2010 9:10:00 AM
Lab ID:	1012A54-005	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Benzene	BRL	1.0		ug/L	139445	1	12/15/2010 00:17	NK
Toluene	BRL	1.0		ug/L	139445	1	12/15/2010 00:17	NK
Ethylbenzene	BRL	1.0		ug/L	139445	1	12/15/2010 00:17	NK
Xylenes, Total	BRL	3.0		ug/L	139445	1	12/15/2010 00:17	NK
Naphthalene	BRL	5.0		ug/L	139445	1	12/15/2010 00:17	NK
Methyl tert-butyl ether	BRL	1.0		ug/L	139445	1	12/15/2010 00:17	NK
Surr: 4-Bromofluorobenzene	98.9	64.7-130		%REC	139445	1	12/15/2010 00:17	NK
Surr: Dibromofluoromethane	99.5	80.7-129		%REC	139445	1	12/15/2010 00:17	NK
Surr: Toluene-d8	90.6	71.1-120		%REC	139445	1	12/15/2010 00:17	NK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 15-Dec-10

Client:	Terry Environmental	**Client Sample ID:**	GP-8
Project:	F. Li'L Cricket #339	**Collection Date:**	12/10/2010 9:25:00 AM
Lab ID:	1012A54-006	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Benzene	BRL	1.0		ug/L	139445	1	12/14/2010 21:05	NK
Toluene	2.4	1.0		ug/L	139445	1	12/14/2010 21:05	NK
Ethylbenzene	1.1	1.0		ug/L	139445	1	12/14/2010 21:05	NK
Xylenes, Total	5.1	3.0		ug/L	139445	1	12/14/2010 21:05	NK
Naphthalene	12	5.0		ug/L	139445	1	12/14/2010 21:05	NK
Methyl tert-butyl ether	BRL	1.0		ug/L	139445	1	12/14/2010 21:05	NK
Surr: 4-Bromofluorobenzene	102	64.7-130		%REC	139445	1	12/14/2010 21:05	NK
Surr: Dibromofluoromethane	101	80.7-129		%REC	139445	1	12/14/2010 21:05	NK
Surr: Toluene-d8	87.4	71.1-120		%REC	139445	1	12/14/2010 21:05	NK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Access Work Order Number 1012A54

Checklist completed by M. Signature 12/11/10 Date

Carrier name: FedEx ✓ UPS __ Courier __ Client __ US Mail __ Other _____

Shipping container/cooler in good condition?	Yes ✓	No __	Not Present __
Custody seals intact on shipping container/cooler?	Yes __	No __	Not Present ✓
Custody seals intact on sample bottles?	Yes __	No __	Not Present ✓
Container/Temp Blank temperature in compliance? (4°C±2)*	Yes ✓	No __	

Cooler #1 3.8c Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present?	Yes ✓	No __
Chain of custody signed when relinquished and received?	Yes ✓	No __
Chain of custody agrees with sample labels?	Yes ✓	No __
Samples in proper container/bottle?	Yes ✓	No __
Sample containers intact?	Yes ✓	No __
Sufficient sample volume for indicated test?	Yes ✓	No __
All samples received within holding time?	Yes ✓	No __
Was TAT marked on the COC?	Yes ✓	No __
Proceed with Standard TAT as per project history?	Yes __	No __ Not Applicable ✓
Water - VOA vials have zero headspace?	No VOA vials submitted __	Yes ✓ No __
Water - pH acceptable upon receipt?	Yes ✓	No __ Not Applicable __

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

Analytical Environmental Services, Inc

Date: 15-Dec-10

Client: Terry Environmental
Project Name: F. Li'L Cricket #339
Workorder: 1012A54

ANALYTICAL QC SUMMARY REPORT

BatchID: 139445

Sample ID: **MB-139445** Client ID: Units: **ug/L** Prep Date: **12/14/2010** Run No: **186663**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **139445** Analysis Date: **12/14/2010** Seq No: **3890247**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	5.0	0	0	0	0	0	0	0	0	
Naphthalene	BRL	5.0	0	0	0	0	0	0	0	0	
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	
Xylenes, Total	BRL	5.0	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	49.80	0	50	0	99.6	64.7	130	0	0	0	
Surr: Dibromofluoromethane	49.39	0	50	0	98.8	80.7	129	0	0	0	
Surr: Toluene-d8	46.32	0	50	0	92.6	71.1	120	0	0	0	

Sample ID: **LCS-139445** Client ID: Units: **ug/L** Prep Date: **12/14/2010** Run No: **186663**
SampleType: **LCS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **139445** Analysis Date: **12/14/2010** Seq No: **3890245**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	45.54	5.0	50	0	91.1	73.6	129	0	0	0	
Toluene	42.89	5.0	50	0	85.8	75.7	128	0	0	0	
Surr: 4-Bromofluorobenzene	52.92	0	50	0	106	64.7	130	0	0	0	
Surr: Dibromofluoromethane	49.03	0	50	0	98.1	80.7	129	0	0	0	
Surr: Toluene-d8	49.91	0	50	0	99.8	71.1	120	0	0	0	

Sample ID: **1012A54-006AMS** Client ID: **GP-8** Units: **ug/L** Prep Date: **12/14/2010** Run No: **186663**
SampleType: **MS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **139445** Analysis Date: **12/14/2010** Seq No: **3890254**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	51.70	5.0	50	0	103	62.2	143	0	0	0	
Toluene	47.88	5.0	50	2.440	90.9	57.8	149	0	0	0	
Surr: 4-Bromofluorobenzene	51.89	0	50	0	104	64.7	130	0	0	0	
Surr: Dibromofluoromethane	47.96	0	50	0	95.9	80.7	129	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Analytical Environmental Services, Inc

Date: 15-Dec-10

Client: Terry Environmental
Project Name: F. Li'L Cricket #339
Workorder: 1012A54

ANALYTICAL QC SUMMARY REPORT

BatchID: 139445

Sample ID: **1012A54-006AMS**	Client ID: **GP-8**	Units: **ug/L**	Prep Date: **12/14/2010**	Run No: **186663**
SampleType: **MS**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**	BatchID: **139445**	Analysis Date: **12/14/2010**	Seq No: **3890254**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: Toluene-d8	45.17	0	50	0	90.3	71.1	120	0	0	0	

Sample ID: **1012A54-006AMSD**	Client ID: **GP-8**	Units: **ug/L**	Prep Date: **12/14/2010**	Run No: **186663**
SampleType: **MSD**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**	BatchID: **139445**	Analysis Date: **12/14/2010**	Seq No: **3890255**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	49.72	5.0	50	0	99.4	62.2	143	51.70	3.9	20	
Toluene	46.37	5.0	50	2.440	87.9	57.8	149	47.88	3.2	20	
Surr: 4-Bromofluorobenzene	51.89	0	50	0	104	64.7	130	51.89	0	0	
Surr: Dibromofluoromethane	47.39	0	50	0	94.8	80.7	129	47.96	0	0	
Surr: Toluene-d8	45.44	0	50	0	90.9	71.1	120	45.17	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

APPENDIX 5

Soil Boring Logs

TERRY ENVIRONMENTAL SERVICES
Clients First Always™
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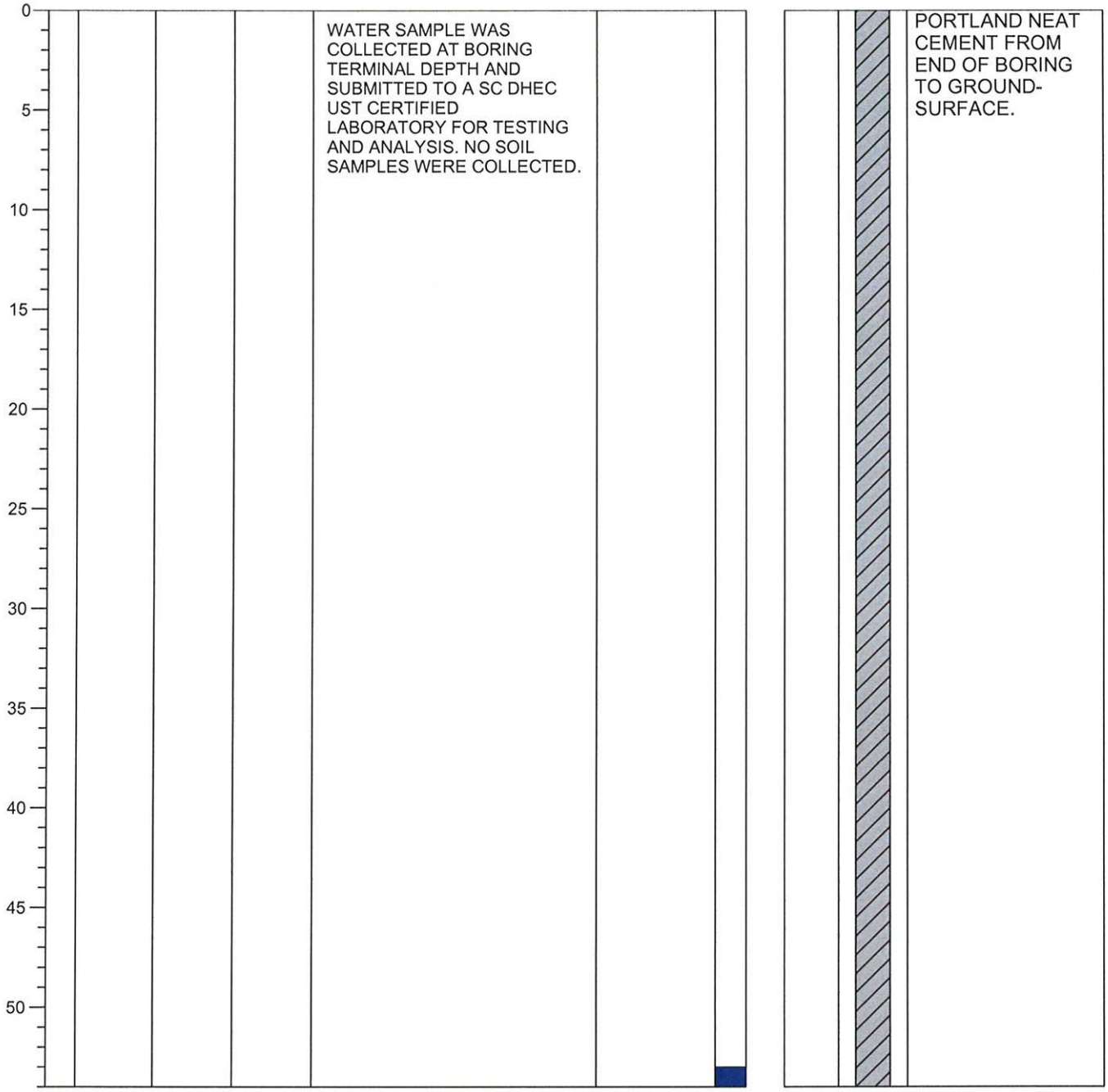
SOIL BORING LOG

SOIL BORING #: GP-1
TERRY PROJECT: F. LI'L CRICKET #339
PROJECT LOCATION: SENECA, SC
TERRY PROJECT #: 07303
SCDHEC SITE ID #: 2170E
CLIENT: LI'L CRICKET FOOD STORES

DRILLING COMPANY: GEOLOGIC EXPLORATION
DRILLER: DANNY SUMMERS (CERT #B01430)
FIELD PERSONNEL: L.O.
START DATE: 12/10/10 FINISH DATE: 12/10/10

TERMINATION DEPTH: 54 FT BGS
WATER LEVEL: EST 53 FT BGS
ABANDONMENT METHOD: NEAT CEMENT
SAMPLE RETRIEVED: AT 54 FT BGS

Depth Scale	Soil Sample	Odor	PID/OVA	Moisture Content	Lithology	Water Level	BORING ABANDONMENT
					SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.		



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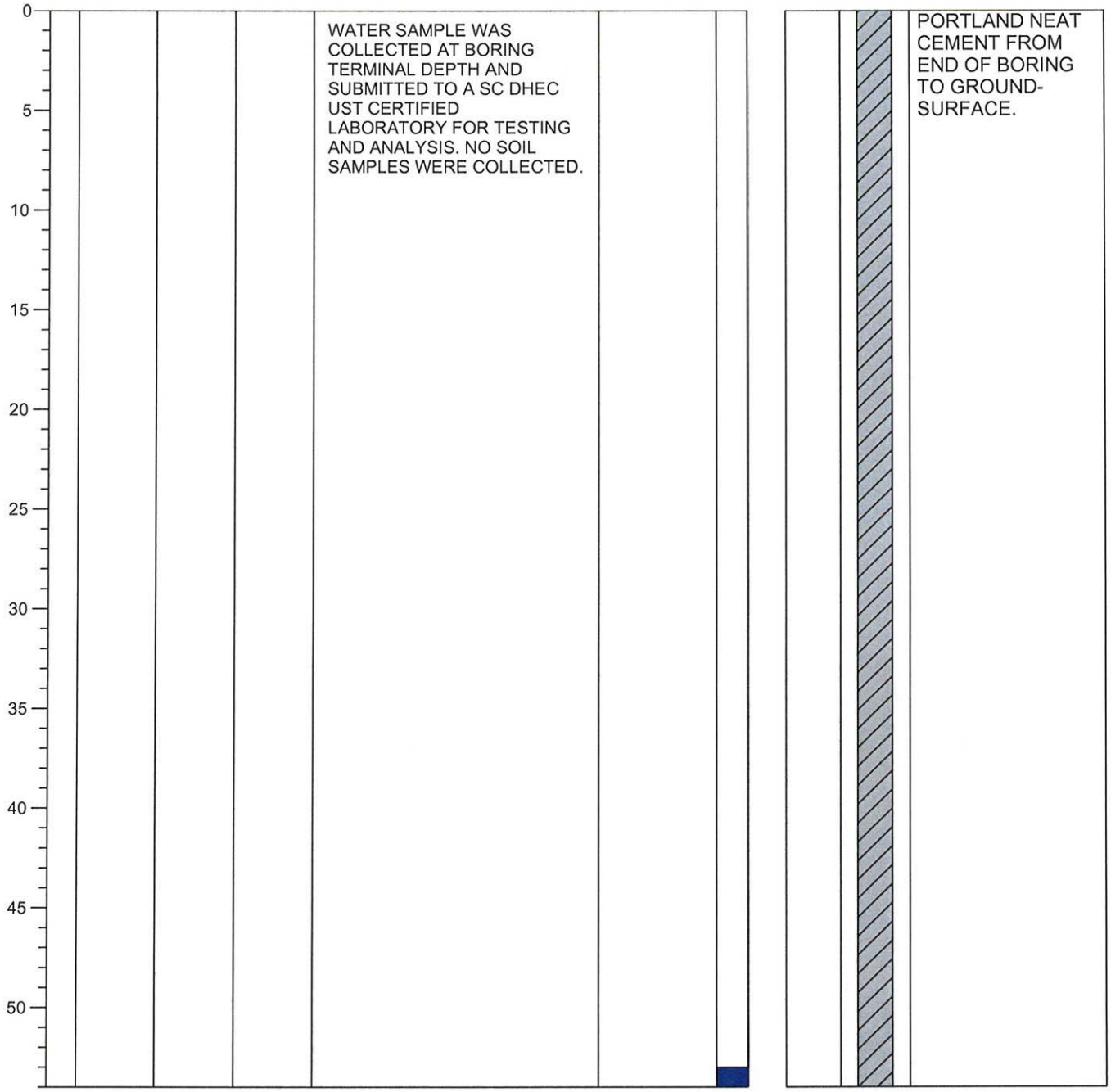
SOIL BORING LOG

SOIL BORING #: GP-2
TERRY PROJECT: F. LI'L CRICKET #339
PROJECT LOCATION: SENECA, SC
TERRY PROJECT #: 07303
SCDHEC SITE ID #: 2170E
CLIENT: LI'L CRICKET FOOD STORES

DRILLING COMPANY: GEOLOGIC EXPLORATION
DRILLER: DANNY SUMMERS (CERT #B01430)
FIELD PERSONNEL: L.O.
START DATE: 12/10/10 FINISH DATE: 12/10/10

TERMINATION DEPTH: 54 FT BGS
WATER LEVEL: EST 53 FT BGS
ABANDONMENT METHOD: NEAT CEMENT
SAMPLE RETRIEVED: AT 54 FT BGS

Depth Scale	Soil Sample	Odor	PID/OVA	Moisture Content	Lithology	Water Level	BORING ABANDONMENT
					SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.		



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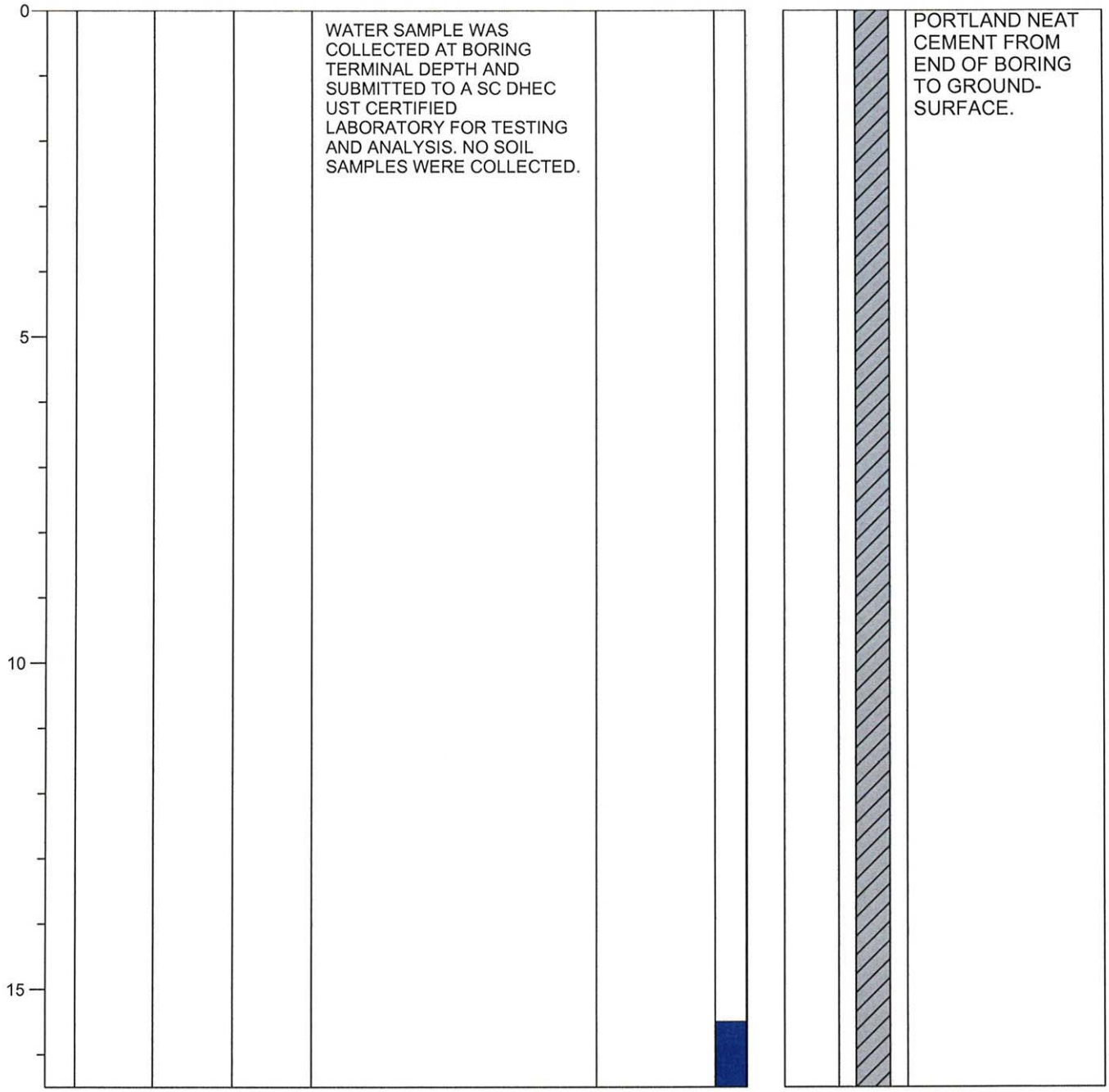
SOIL BORING LOG

SOIL BORING #: GP-3
TERRY PROJECT: F. LI'L CRICKET #339
PROJECT LOCATION: SENECA, SC
TERRY PROJECT #: 07303
SCDHEC SITE ID #: 2170E
CLIENT: LI'L CRICKET FOOD STORES

DRILLING COMPANY: GEOLOGIC EXPLORATION
DRILLER: DANNY SUMMERS (CERT #B01430)
FIELD PERSONNEL: L.O.
START DATE: 12/10/10 FINISH DATE: 12/10/10

TERMINATION DEPTH: 16.5 FT BGS
WATER LEVEL: EST 15.5 FT BGS
ABANDONMENT METHOD: NEAT CEMENT
SAMPLE RETRIEVED: AT 16.5 FT BGS

Depth Scale	Soil Sample	Odor	PID/OVA	Moisture Content	Lithology	Water Level	BORING ABANDONMENT
					SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.		



Total Depth = 16.5 FT BGS

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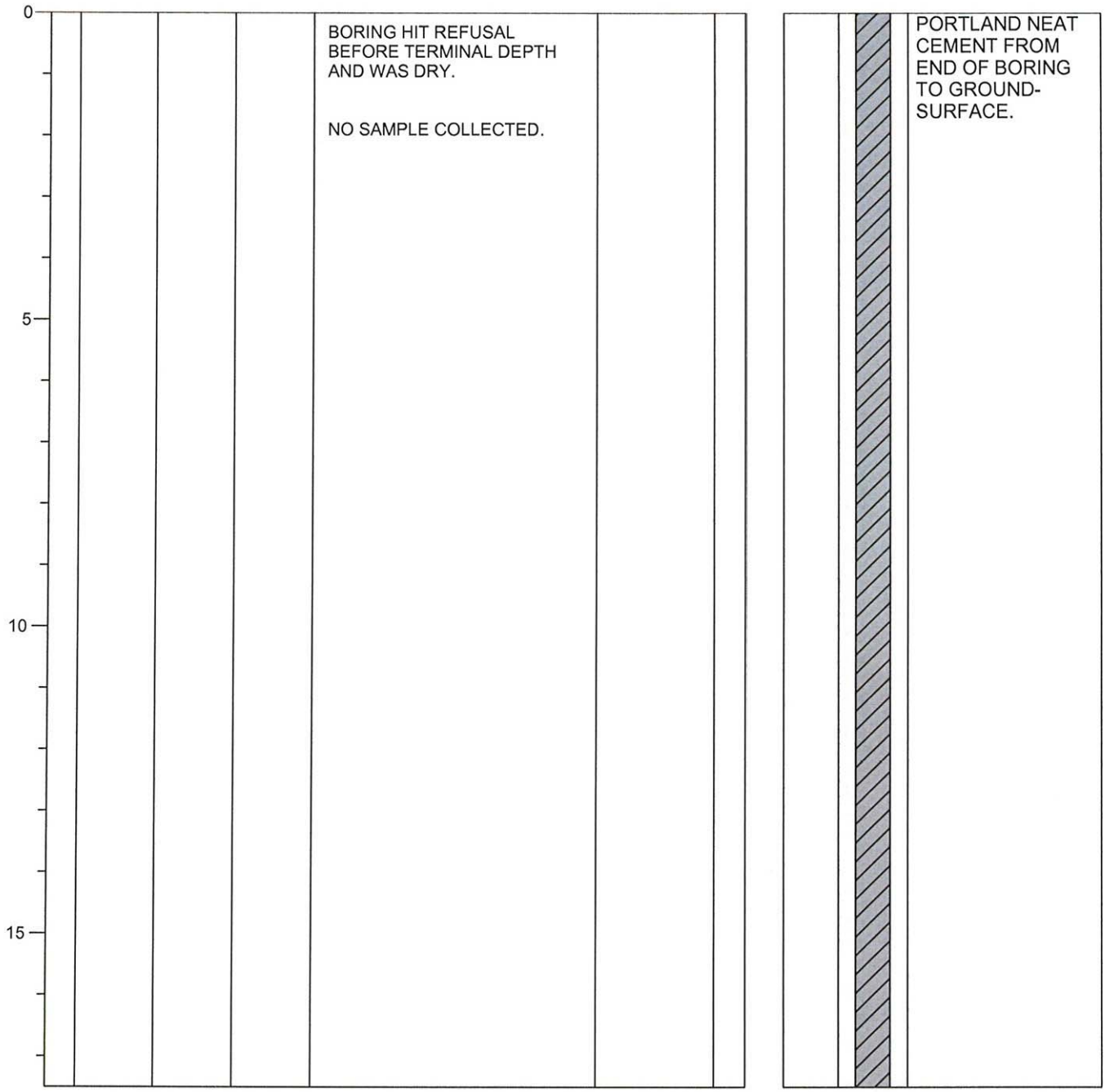
SOIL BORING LOG

SOIL BORING #: GP-4
TERRY PROJECT: F. LI'L CRICKET #339
PROJECT LOCATION: SENECA, SC
TERRY PROJECT #: 07303
SCDHEC SITE ID #: 2170E
CLIENT: LI'L CRICKET FOOD STORES

DRILLING COMPANY: GEOLOGIC EXPLORATION
DRILLER: DANNY SUMMERS (CERT #B01430)
FIELD PERSONNEL: L.O.
START DATE: 12/10/10 FINISH DATE: 12/10/10

TERMINATION DEPTH: 17.5 FT BGS
WATER LEVEL: UNKNOWN
ABANDONMENT METHOD: NEAT CEMENT
SAMPLE RETRIEVED: N/A

Depth Scale	Soil Sample	Odor	PID/OVA	Moisture Content	Lithology	Water Level	BORING ABANDONMENT
					SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.		



Total Depth = 17.5 FT BGS

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SOIL BORING LOG

SOIL BORING #: GP-5
TERRY PROJECT: F. LI'L CRICKET #339
PROJECT LOCATION: SENECA, SC
TERRY PROJECT #: 07303
SCDHEC SITE ID #: 2170E
CLIENT: LI'L CRICKET FOOD STORES

DRILLING COMPANY: GEOLOGIC EXPLORATION
DRILLER: DANNY SUMMERS (CERT #B01430)
FIELD PERSONNEL: L.O.
START DATE: 12/10/10 FINISH DATE: 12/10/10

TERMINATION DEPTH: 6 FT BGS
WATER LEVEL: UNKNOWN
ABANDONMENT METHOD: NEAT CEMENT
SAMPLE RETRIEVED: N/A

Depth Scale	Soil Sample	Odor	PID/OVA	Moisture Content	Lithology	Water Level	BORING ABANDONMENT
					SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.		
0					BORING HIT REFUSAL BEFORE TERMINAL DEPTH AND WAS DRY. NO SAMPLE COLLECTED.		PORTLAND NEAT CEMENT FROM END OF BORING TO GROUND-SURFACE.
5							

Total Depth = 6 FT BGS

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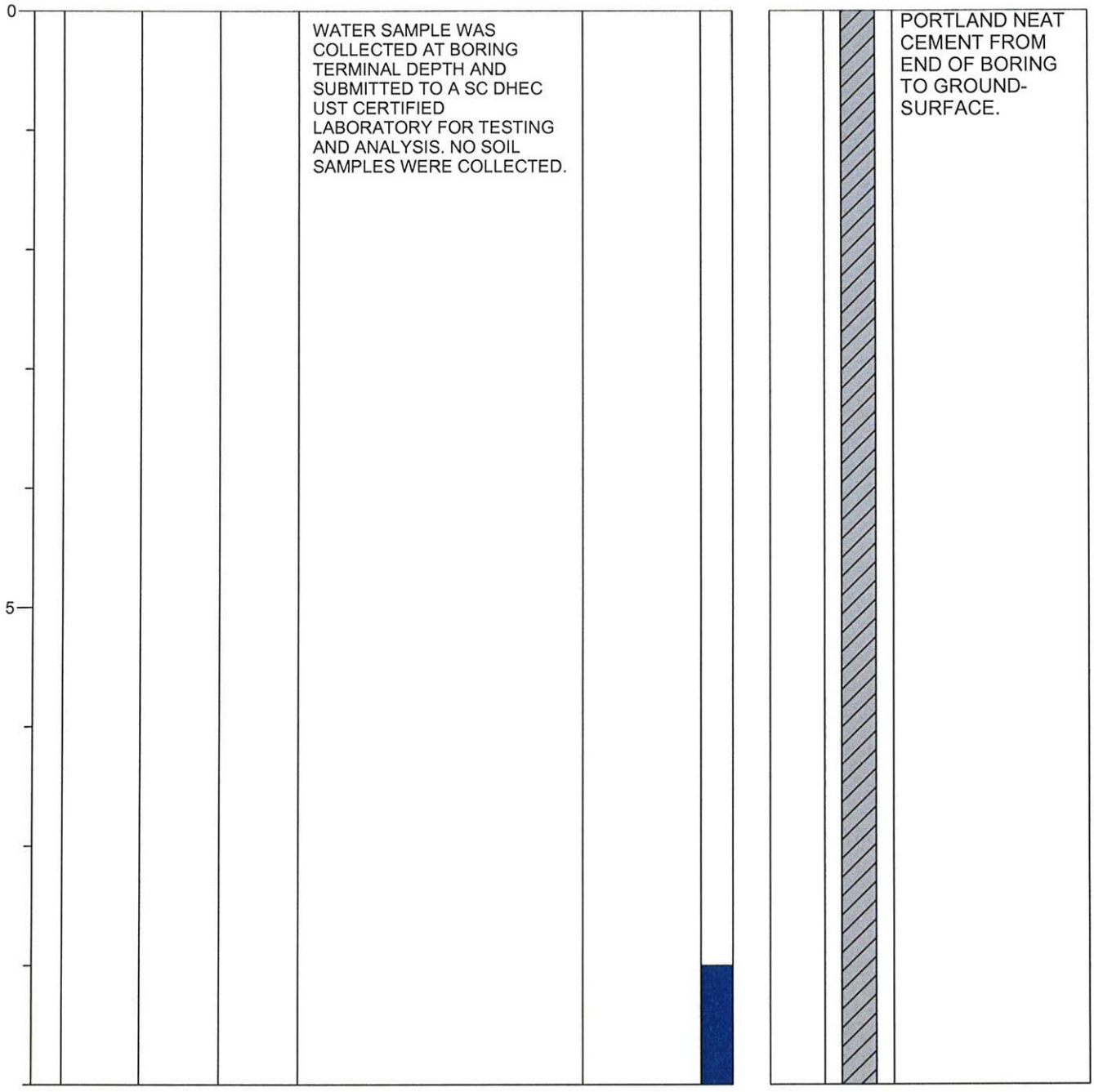
SOIL BORING LOG

SOIL BORING #: GP-6
TERRY PROJECT: F. LI'L CRICKET #339
PROJECT LOCATION: SENECA, SC
TERRY PROJECT #: 07303
SCDHEC SITE ID #: 2170E
CLIENT: LI'L CRICKET FOOD STORES

DRILLING COMPANY: GEOLOGIC EXPLORATION
DRILLER: DANNY SUMMERS (CERT #B01430)
FIELD PERSONNEL: L.O.
START DATE: 12/10/10 FINISH DATE: 12/10/10

TERMINATION DEPTH: 9 FT BGS
WATER LEVEL: EST 8FT BGS
ABANDONMENT METHOD: NEAT CEMENT
SAMPLE RETRIEVED: AT 9 FT BGS

Depth Scale	Soil Sample	Odor	PID/OVA	Moisture Content	Lithology	Water Level	BORING ABANDONMENT
					SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.		



Total Depth = 9 FT BGS

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SOIL BORING LOG

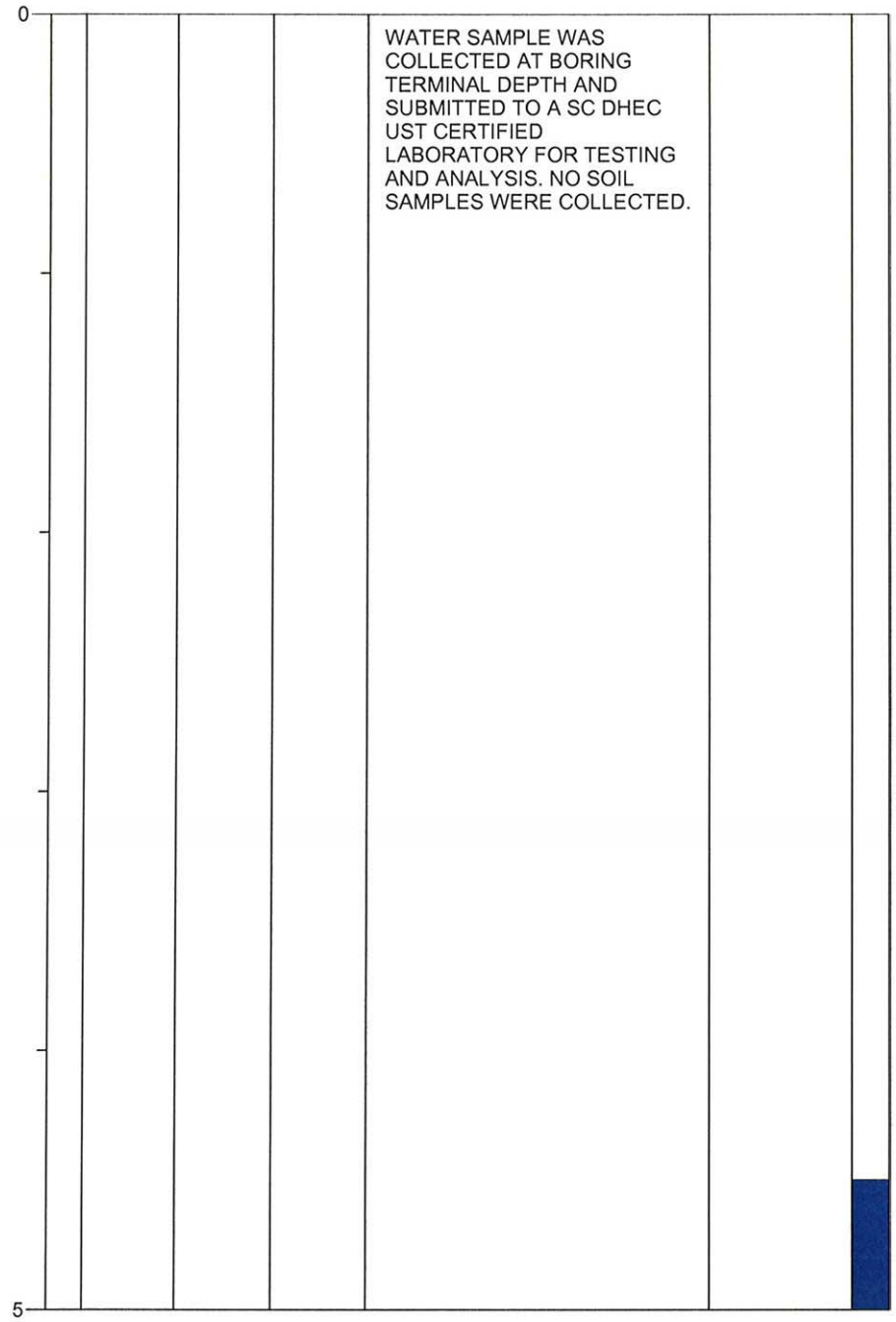
SOIL BORING #: GP-7
TERRY PROJECT: F. LI'L CRICKET #339
PROJECT LOCATION: SENECA, SC
TERRY PROJECT #: 07303
SCDHEC SITE ID #: 2170E
CLIENT: LI'L CRICKET FOOD STORES

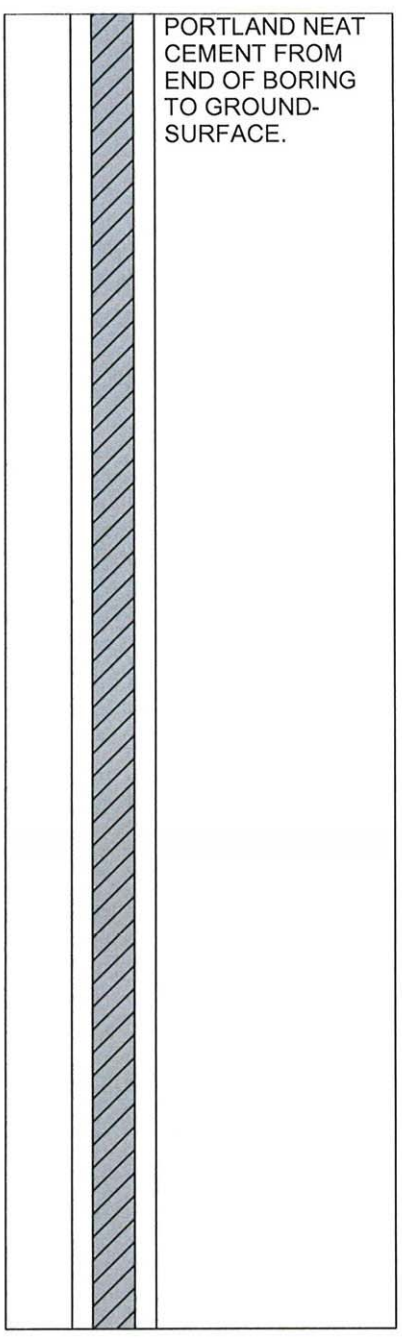
DRILLING COMPANY: GEOLOGIC EXPLORATION
DRILLER: DANNY SUMMERS (CERT #B01430)
FIELD PERSONNEL: L.O.
START DATE: 12/10/10 FINISH DATE: 12/10/10

TERMINATION DEPTH: 5 FT BGS
WATER LEVEL: EST 4.5 FT BGS
ABANDONMENT METHOD: NEAT CEMENT
SAMPLE RETRIEVED: AT 5 FT BGS

Depth Scale	Soil Sample	Odor	PID/OVA	Moisture Content	Lithology	Water Level	BORING ABANDONMENT
0					WATER SAMPLE WAS COLLECTED AT BORING TERMINAL DEPTH AND SUBMITTED TO A SC DHEC UST CERTIFIED LABORATORY FOR TESTING AND ANALYSIS. NO SOIL SAMPLES WERE COLLECTED.		PORTLAND NEAT CEMENT FROM END OF BORING TO GROUND-SURFACE.
5							

SAND: color, moisture, gradation, grain size, fines content, additional comments.
CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.





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SOIL BORING LOG

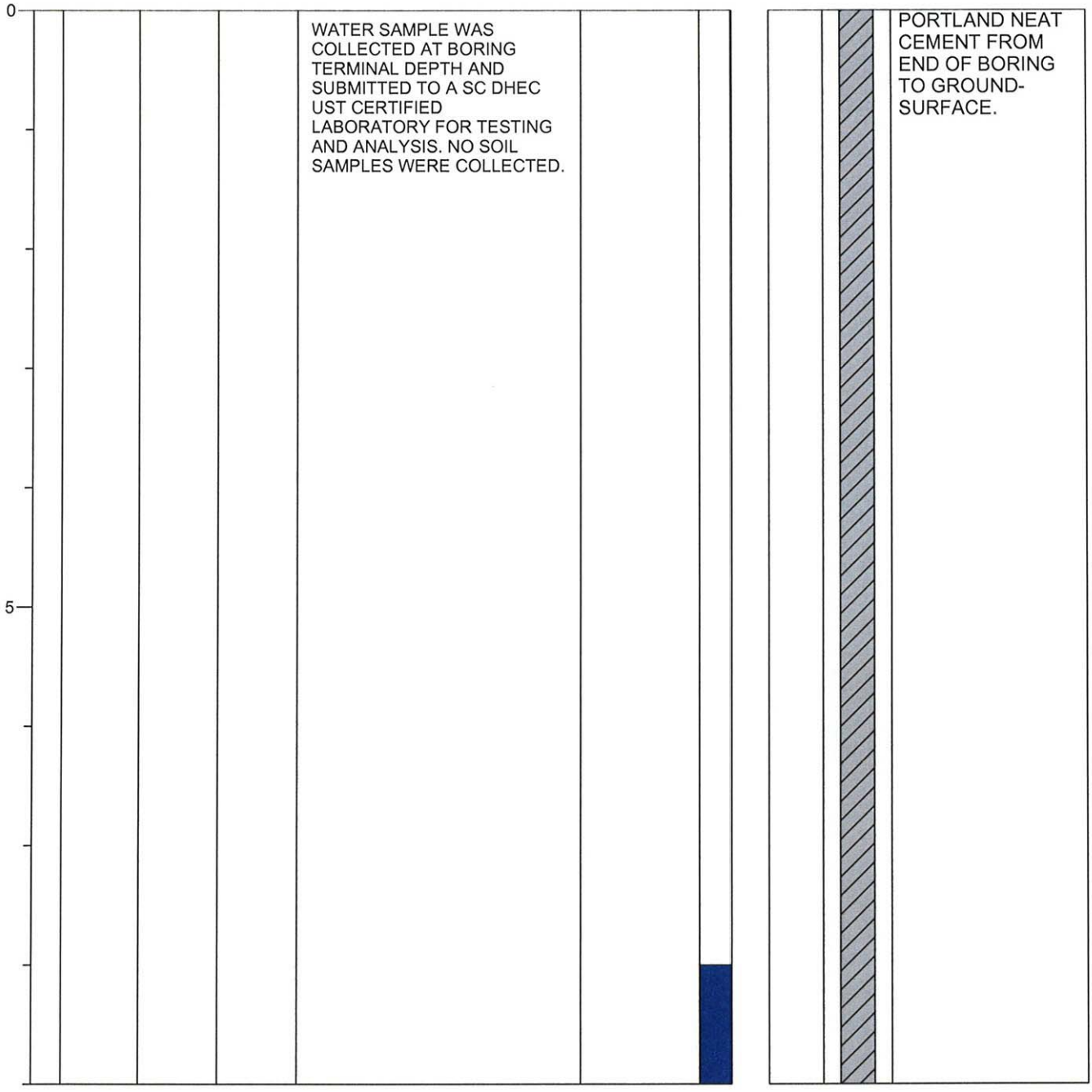
SOIL BORING #: GP-8
TERRY PROJECT: F. LI'L CRICKET #339
PROJECT LOCATION: SENECA, SC
TERRY PROJECT #: 07303
SCDHEC SITE ID #: 2170E
CLIENT: LI'L CRICKET FOOD STORES

DRILLING COMPANY: GEOLOGIC EXPLORATION
DRILLER: DANNY SUMMERS (CERT #B01430)
FIELD PERSONNEL: L.O.
START DATE: 12/10/10 FINISH DATE: 12/10/10

TERMINATION DEPTH: 9 FT BGS
WATER LEVEL: EST 8 FT BGS
ABANDONMENT METHOD: NEAT CEMENT
SAMPLE RETRIEVED: AT 9 FT BGS

Depth Scale	Soil Sample	Odor	PID/OVA	Moisture Content	Lithology	Water Level	BORING ABANDONMENT
0					WATER SAMPLE WAS COLLECTED AT BORING TERMINAL DEPTH AND SUBMITTED TO A SC DHEC UST CERTIFIED LABORATORY FOR TESTING AND ANALYSIS. NO SOIL SAMPLES WERE COLLECTED.		PORTLAND NEAT CEMENT FROM END OF BORING TO GROUND-SURFACE.
5							

SAND: color, moisture, gradation, grain size, fines content, additional comments.
CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.



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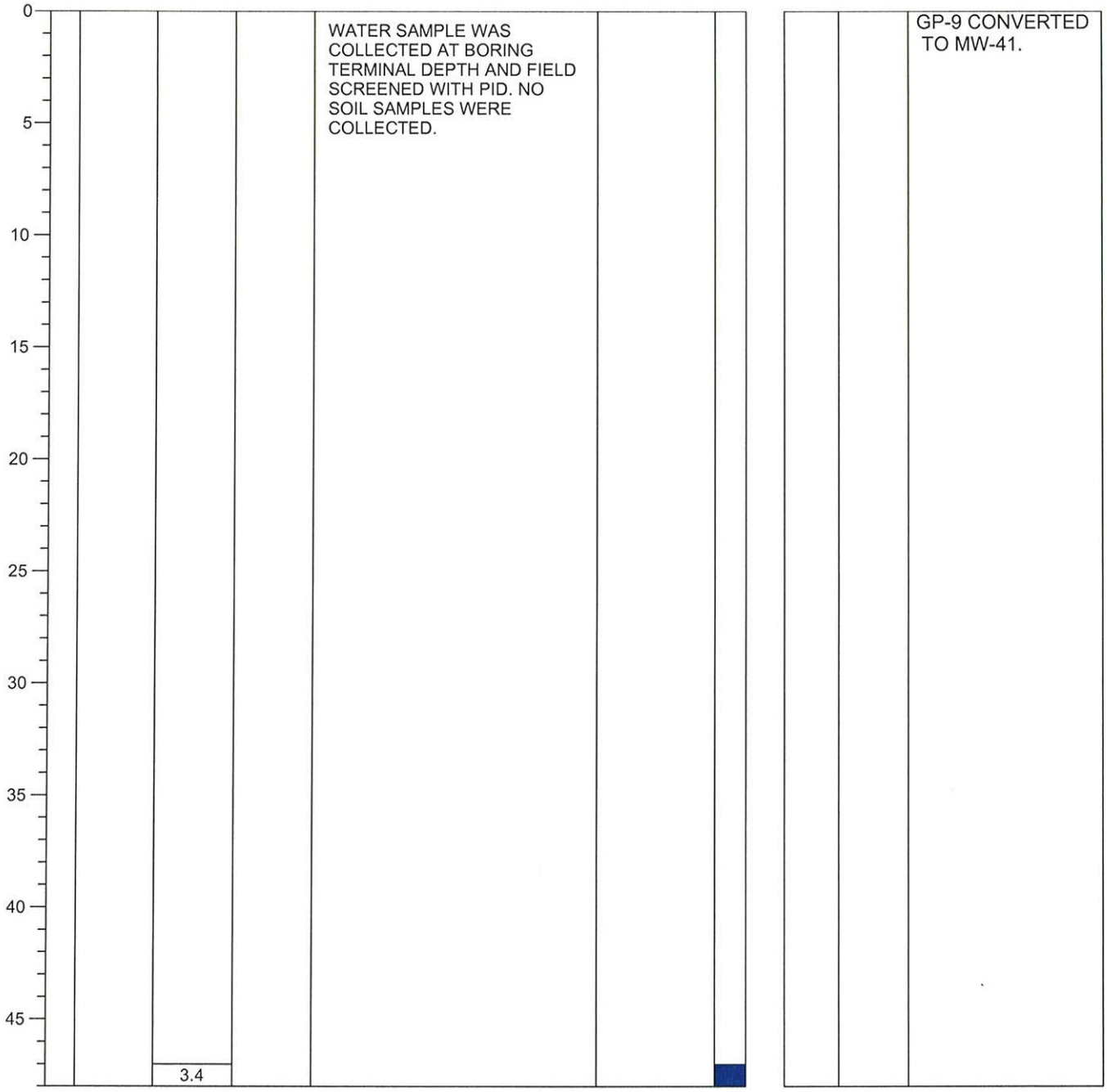
SOIL BORING LOG

SOIL BORING #: GP-9
TERRY PROJECT: F. LI'L CRICKET #339
PROJECT LOCATION: SENECA, SC
TERRY PROJECT #: 07303
SCDHEC SITE ID #: 2170E
CLIENT: LI'L CRICKET FOOD STORES

DRILLING COMPANY: GEOLOGIC EXPLORATION
DRILLER: JOHNNY BURR (CERT #D1740)
FIELD PERSONNEL: L.O.
START DATE: 3/23/11 FINISH DATE: 3/23/11

TERMINATION DEPTH: 48 FT BGS
WATER LEVEL: EST 47 FT BGS
ABANDONMENT METHOD: N/A
SAMPLE RETRIEVED: AT 48 FT BGS

Depth Scale	Soil Sample	Odor	PID/OVA	Moisture Content	Lithology	Water Level	BORING ABANDONMENT
					SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.		



Total Depth = 48 FT BGS

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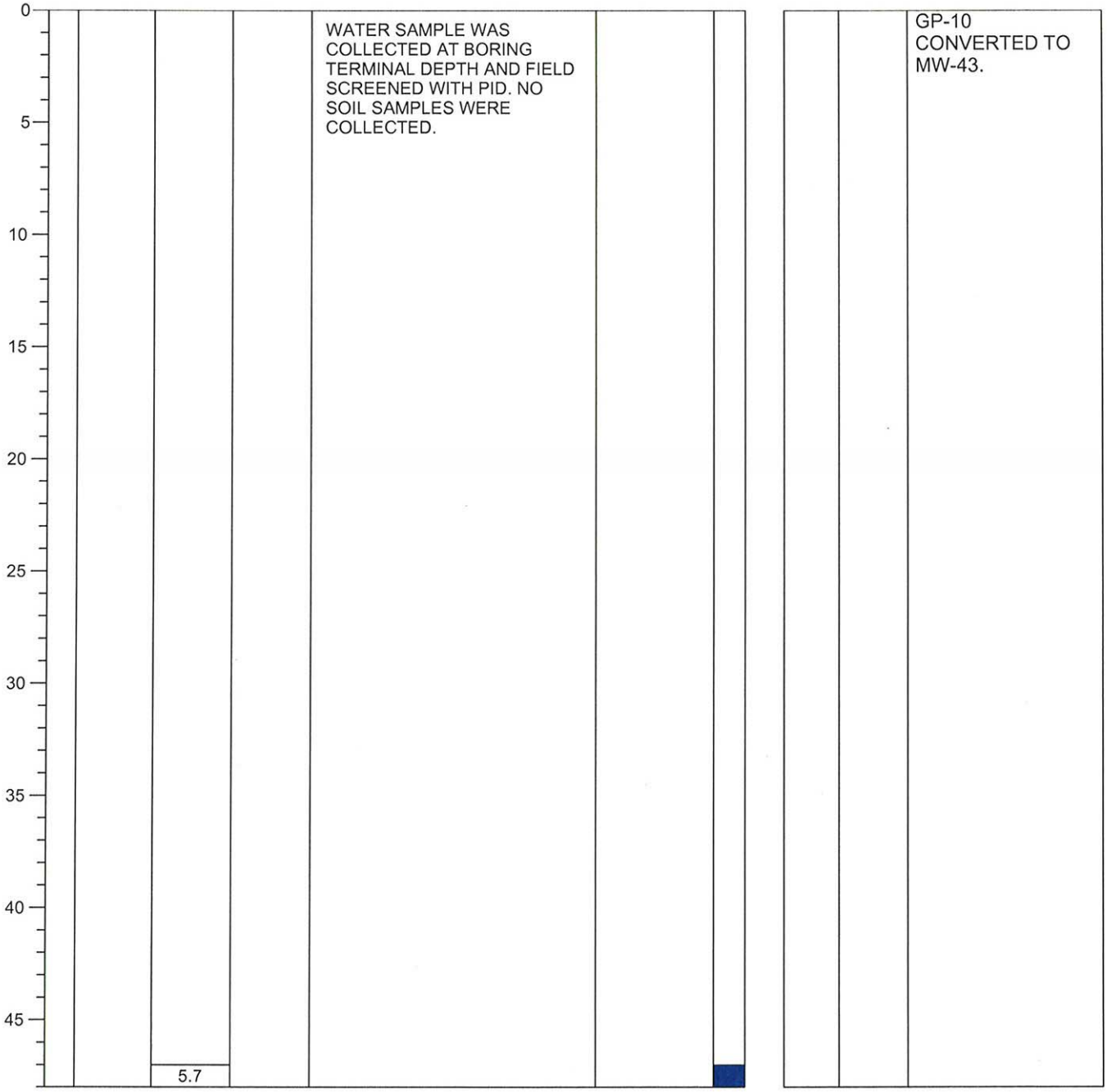
SOIL BORING LOG

SOIL BORING #: GP-10
TERRY PROJECT: F. LI'L CRICKET #339
PROJECT LOCATION: SENECA, SC
TERRY PROJECT #: 07303
SCDHEC SITE ID #: 2170E
CLIENT: LI'L CRICKET FOOD STORES

DRILLING COMPANY: GEOLOGIC EXPLORATION
DRILLER: JOHNNY BURR (CERT #D1740)
FIELD PERSONNEL: L.O.
START DATE: 3/23/11 FINISH DATE: 3/23/11

TERMINATION DEPTH: 48 FT BGS
WATER LEVEL: EST 47 FT BGS
ABANDONMENT METHOD: N/A
SAMPLE RETRIEVED: AT 48 FT BGS

Depth Scale	Soil Sample	Odor	PID/OVA	Moisture Content	Lithology	Water Level	BORING ABANDONMENT
					SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.		



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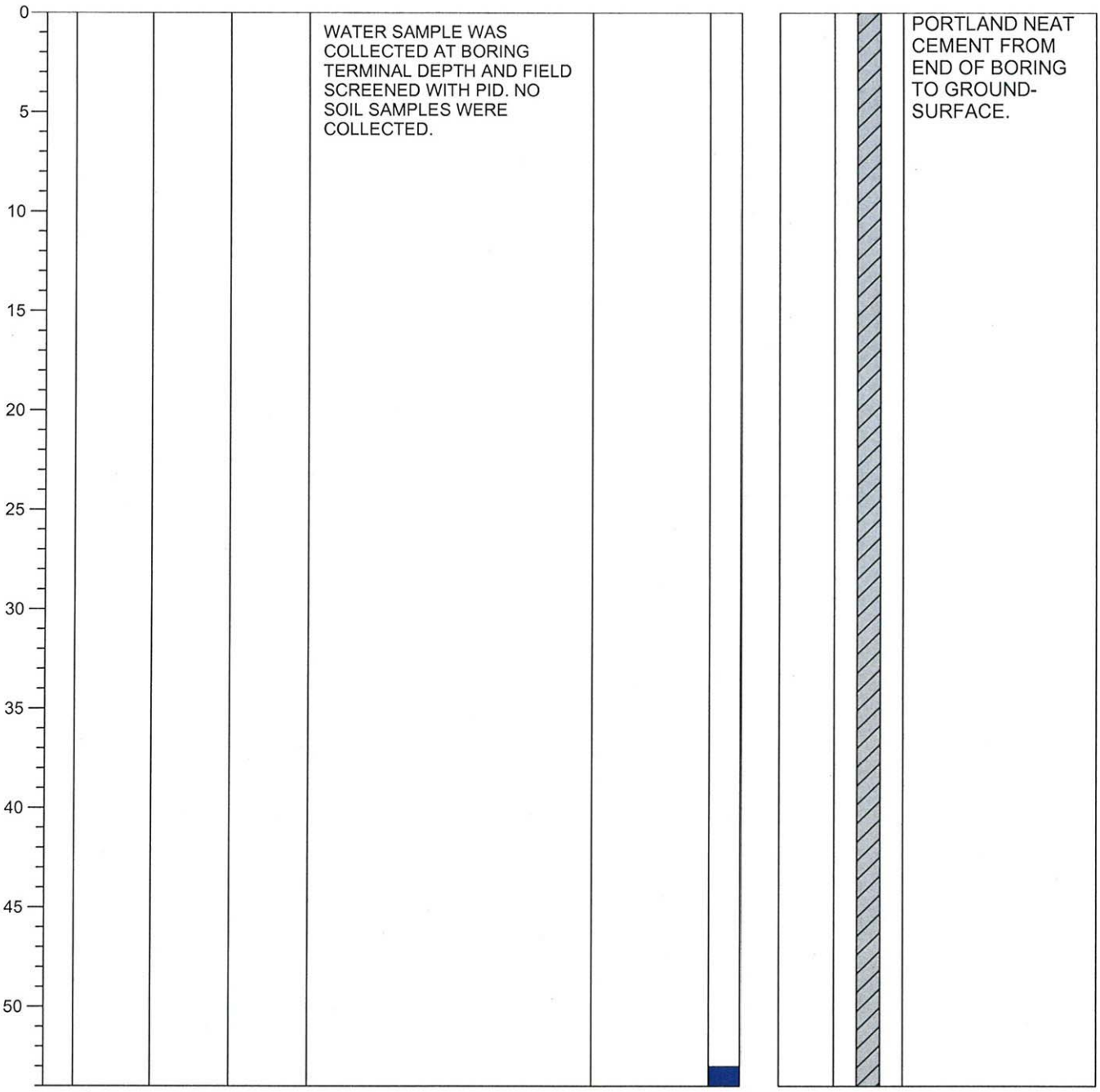
SOIL BORING LOG

SOIL BORING #: GP-11
TERRY PROJECT: F. LI'L CRICKET #339
PROJECT LOCATION: SENECA, SC
TERRY PROJECT #: 07303
SCDHEC SITE ID #: 2170E
CLIENT: LI'L CRICKET FOOD STORES

DRILLING COMPANY: GEOLOGIC EXPLORATION
DRILLER: JOHNNY BURR (CERT #D1740)
FIELD PERSONNEL: K.L.
START DATE: 4/21/11 FINISH DATE: 4/21/11

TERMINATION DEPTH: 54 FT BGS
WATER LEVEL: EST 53 FT BGS
ABANDONMENT METHOD: NEAT CEMENT
SAMPLE RETRIEVED: AT 54 FT BGS

Depth Scale	Soil Sample	Odor	PID/OVA	Moisture Content	Lithology	Water Level	BORING ABANDONMENT
					SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.		



Total Depth = 54 FT BGS

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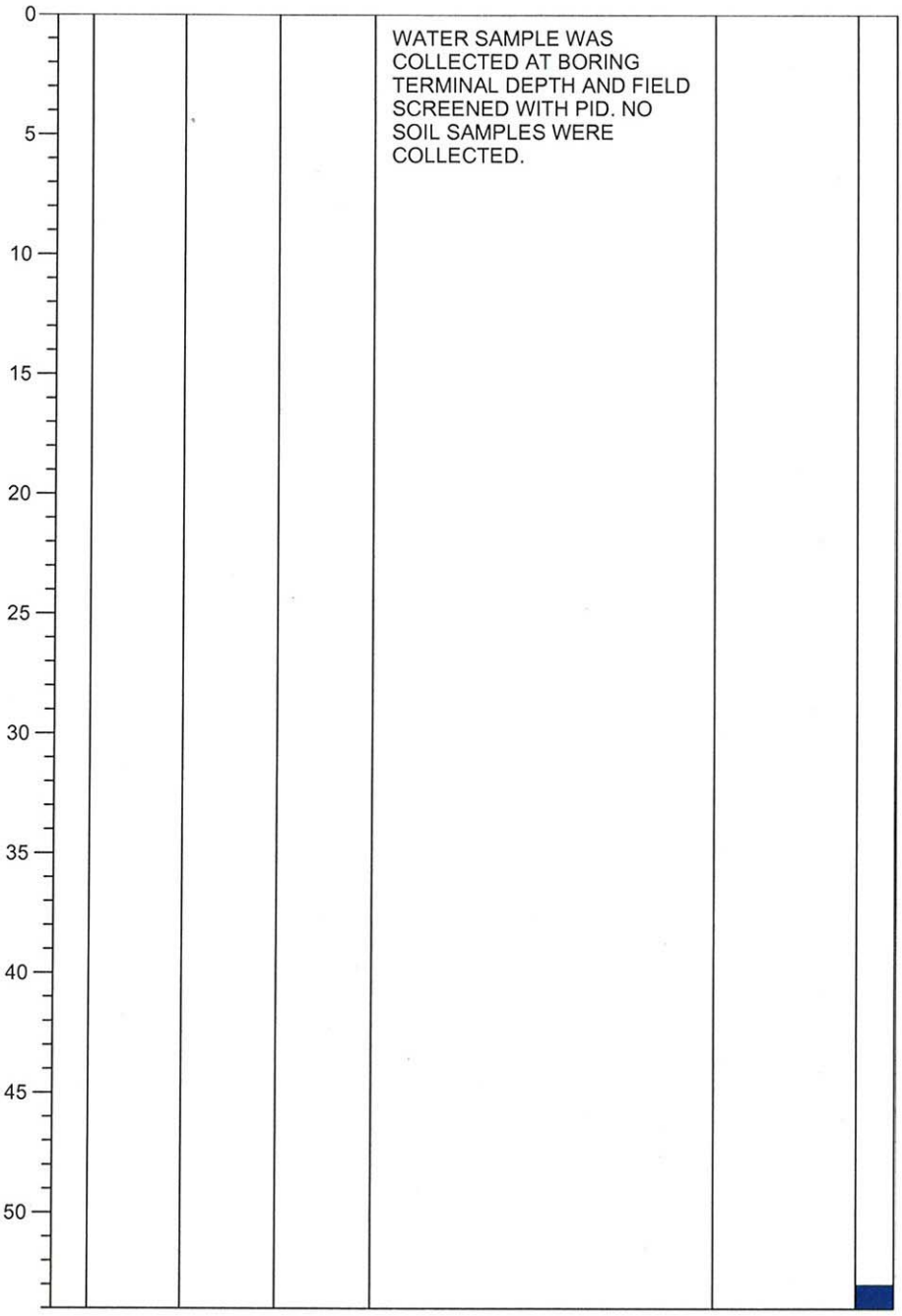
SOIL BORING LOG

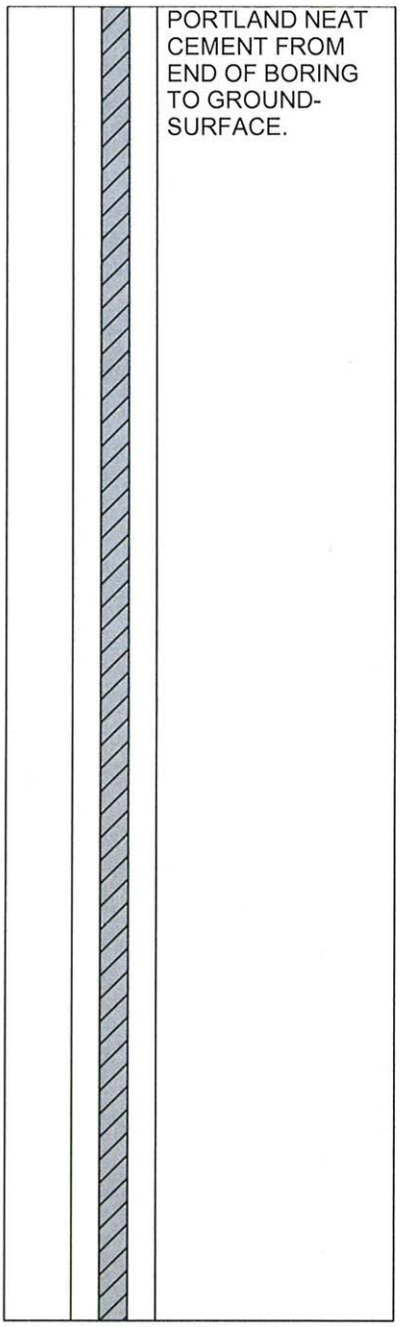
SOIL BORING #: GP-12
TERRY PROJECT: F. LI'L CRICKET #339
PROJECT LOCATION: SENECA, SC
TERRY PROJECT #: 07303
SCDHEC SITE ID #: 2170E
CLIENT: LI'L CRICKET FOOD STORES

DRILLING COMPANY: GEOLOGIC EXPLORATION
DRILLER: JOHNNY BURR (CERT #D1740)
FIELD PERSONNEL: K.L.
START DATE: 4/21/11 FINISH DATE: 4/21/11

TERMINATION DEPTH: 54 FT BGS
WATER LEVEL: EST 53 FT BGS
ABANDONMENT METHOD: NEAT CEMENT
SAMPLE RETRIEVED: AT 54 FT BGS

Depth Scale	Soil Sample	Odor	PID/OVA	Moisture Content	Lithology	Water Level	BORING ABANDONMENT
					SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.		





Total Depth = 54 FT BGS

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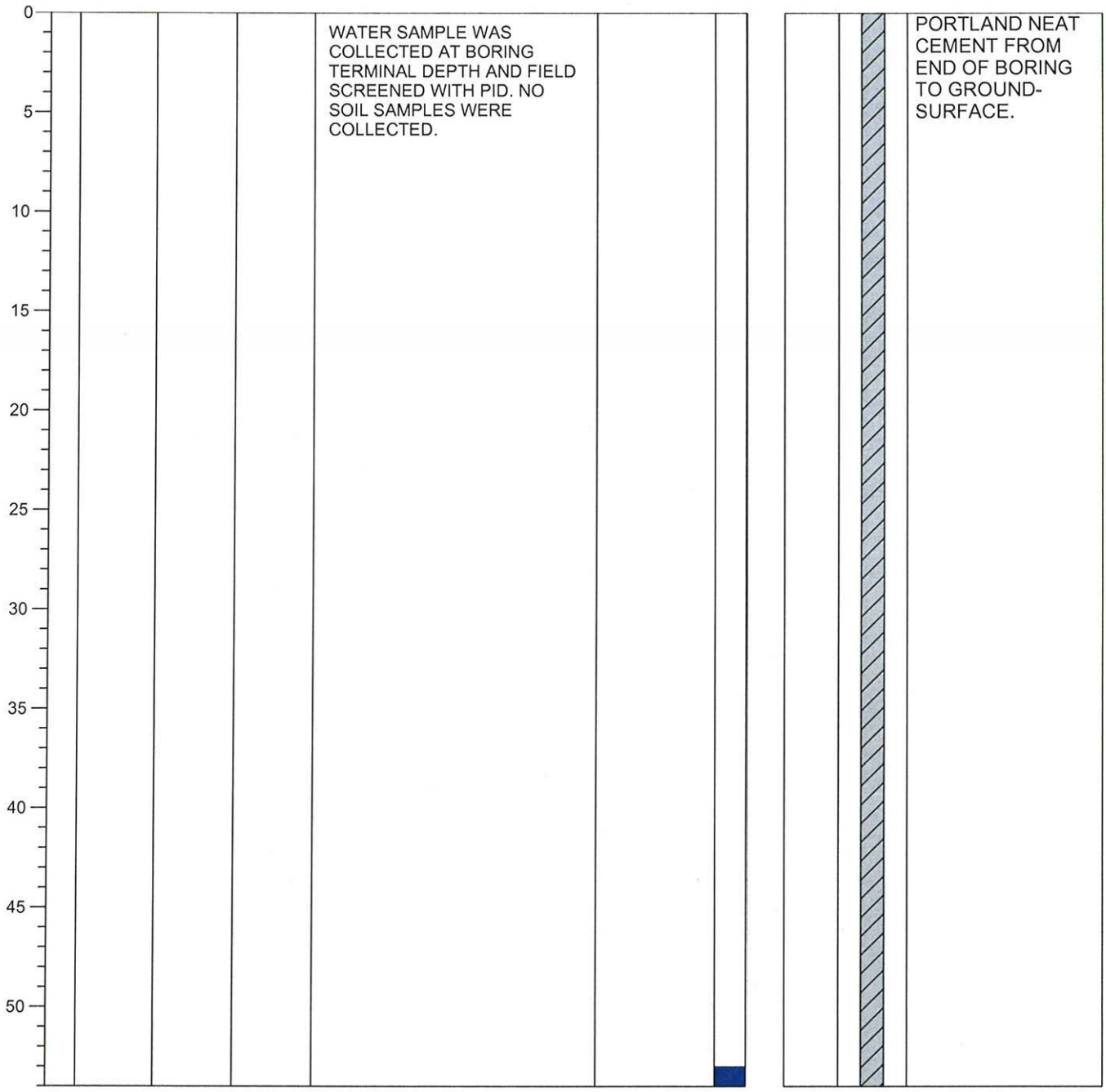
SOIL BORING LOG

SOIL BORING #: GP-13
TERRY PROJECT: F. LI'L CRICKET #339
PROJECT LOCATION: SENECA, SC
TERRY PROJECT #: 07303
SCDHEC SITE ID #: 2170E
CLIENT: LI'L CRICKET FOOD STORES

DRILLING COMPANY: GEOLOGIC EXPLORATION
DRILLER: JOHNNY BURR (CERT #D1740)
FIELD PERSONNEL: K.L.
START DATE: 4/21/11 FINISH DATE: 4/21/11

TERMINATION DEPTH: 54 FT BGS
WATER LEVEL: EST 53 FT BGS
ABANDONMENT METHOD: NEAT CEMENT
SAMPLE RETRIEVED: AT 54 FT BGS

Depth Scale	Soil Sample	Odor	PID/OVA	Moisture Content	Lithology	Water Level	BORING ABANDONMENT
					SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.		



Total Depth = 54 FT BGS

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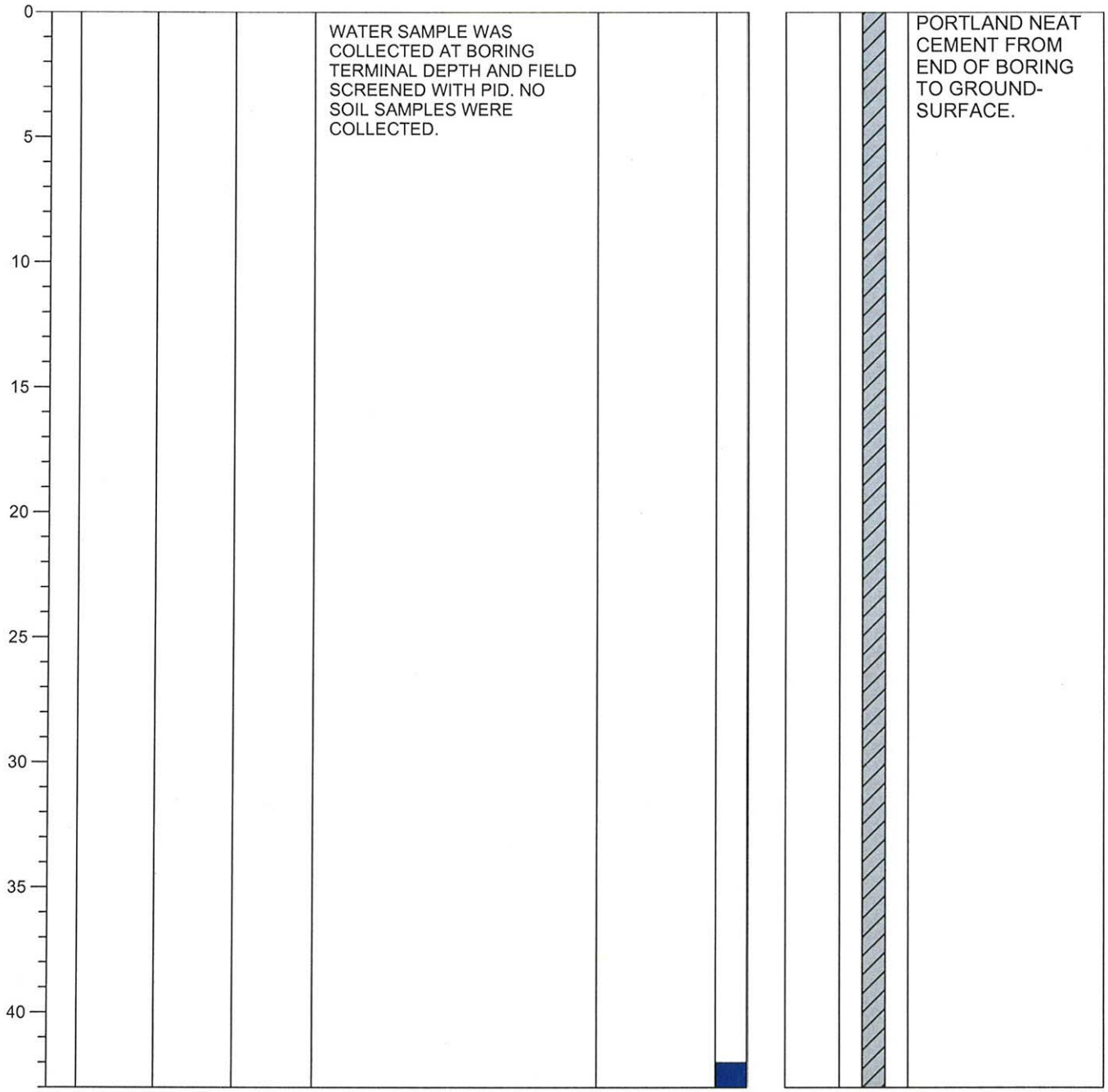
SOIL BORING LOG

SOIL BORING #: GP-14
TERRY PROJECT: F. LI'L CRICKET #339
PROJECT LOCATION: SENECA, SC
TERRY PROJECT #: 07303
SCDHEC SITE ID #: 2170E
CLIENT: LI'L CRICKET FOOD STORES

DRILLING COMPANY: GEOLOGIC EXPLORATION
DRILLER: VINCE FEDERLE (CERT #1930)
FIELD PERSONNEL: K.L.
START DATE: 5/4/11 FINISH DATE: 5/4/11

TERMINATION DEPTH: 43 FT BGS
WATER LEVEL: EST 42 FT BGS
ABANDONMENT METHOD: NEAT CEMENT
SAMPLE RETRIEVED: AT 43 FT BGS

Depth Scale	Soil Sample	Odor	PID/OVA	Moisture Content	Lithology	Water Level	BORING ABANDONMENT
					SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.		



Total Depth = 43 FT BGS

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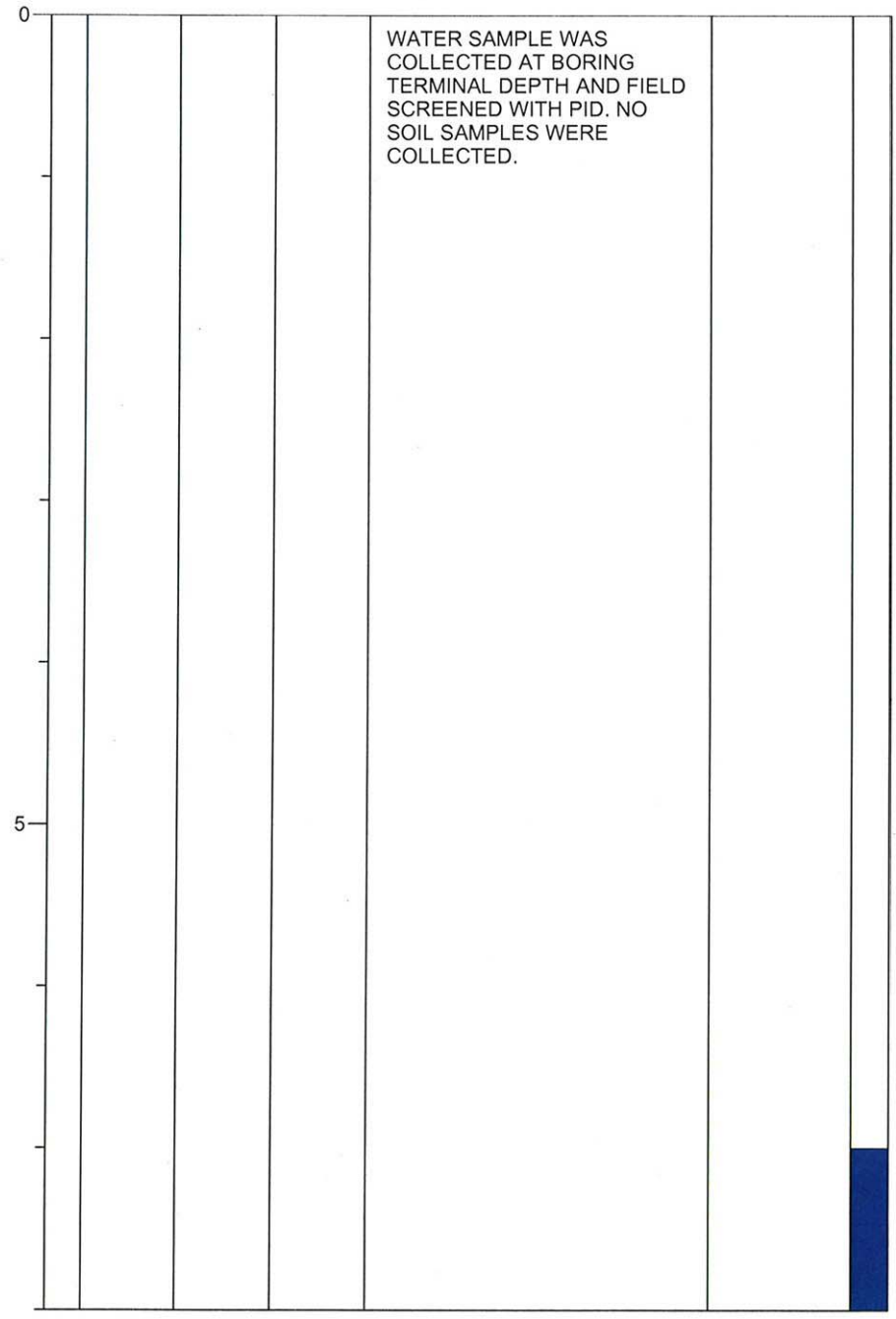
SOIL BORING LOG

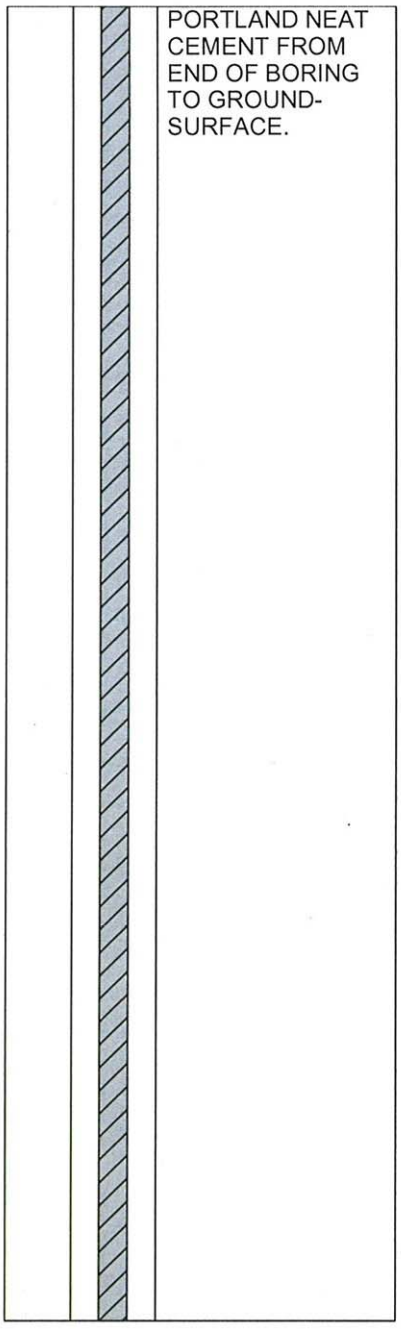
SOIL BORING #: GP-15
TERRY PROJECT: F. LI'L CRICKET #339
PROJECT LOCATION: SENECA, SC
TERRY PROJECT #: 07303
SCDHEC SITE ID #: 2170E
CLIENT: LI'L CRICKET FOOD STORES

DRILLING COMPANY: GEOLOGIC EXPLORATION
DRILLER: VINCE FEDERLE (CERT #1930)
FIELD PERSONNEL: K.L.
START DATE: 5/4/11 FINISH DATE: 5/4/11

TERMINATION DEPTH: 8 FT BGS
WATER LEVEL: EST 7 FT BGS
ABANDONMENT METHOD: NEAT CEMENT
SAMPLE RETRIEVED: AT 8 FT BGS

Depth Scale	Soil Sample	Odor	PID/OVA	Moisture Content	Lithology	Water Level	BORING ABANDONMENT
					SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.		





Total Depth = 8 FT BGS

APPENDIX 6

Well Construction Logs

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WELL LOG

MONITORING WELL #: MW-39
TERRY PROJECT: F. LI'L CRICKET #339
PROJECT LOCATION: SENECA, SC

TERRY PROJECT #: 2170E
SCDHEC SITE ID #: 07303
CLIENT: Li'l CRICKET FOOD STORES
FIELD PERSONNEL: L.O., K.L.
START DATE: 2/24/11 FINISH DATE: 2/24/11
DRILLING COMPANY: GEOLOGIC EXPLORATION
DRILLER: VINCE FEDERLE (CERT #1930)
DRILLING METHOD: SOLID FLIGHT AUGER

HOLE DIAMETER: 4.25"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 149.78
WATER LEVEL: 48.39 FT TOC
EASTING: 498.3254
NORTHING: 1294.7734
DEVELOPMENT: PUMPING/SURGING

Casing Interval 0-42 FT BGS Bentonite Interval 38-40 FT BGS Filter Interval 40-52 FT BGS
Screen Interval 42-52 FT BGS Grout Interval 0-38 FT BGS Filter Material SAND

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology	Water Level	Well Construction
0	1		N/A	2	TOPSOIL: Topsoil		WELLCAP
	1		4.7	2	CLAYEY SILT: Red brown clayey silt, some medium to coarse grained sand, little gravel, low density, low plasticity, trace mica		
5	1		N/A	2			GROUTED ANNULUS
	1		24.6	2	CLAYEY SILT: Red brown clayey silt, some medium to coarse grained sand, low density, low plasticity, trace mica		
10	1		N/A	2			SCH 40 PVC CASING
	1		30.8	2	CLAYEY SILT: Brown clayey silt, little medium to coarse grained sand, little gravel, low density, low plasticity, trace mica		
15	1		N/A	2			
	1		39.0	2	CLAYEY SILT: Gold micaceous clayey silt, low density, low plasticity		
20	1		N/A	2			
	1		45.7	2			
25	1		N/A	2			
	1		53.3	2			
30	1		N/A	2-3	CLAYEY SILT: Gold micaceous clayey silt, low density, medium plasticity		
	1		59.8	2-3			
35	1		N/A	2-3			
	1		67.4	2-3			BENTONITE
40	1		N/A	2-3			
							GRAVEL PACK
45							
	1		N/A	3			SCH 40 WELLSCREEN
50							

Total Depth = 52 FT BGS

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WELL LOG

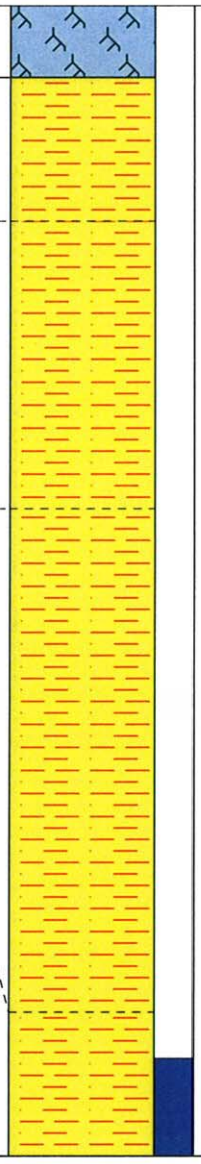
MONITORING WELL #: MW-40
TERRY PROJECT: F. LI'L CRICKET #339
PROJECT LOCATION: SENECA, SC

TERRY PROJECT #: 2170E
SCDHEC SITE ID #: 07303
CLIENT: Li'l CRICKET FOOD STORES
FIELD PERSONNEL: L.O., K.L.
START DATE: 2/24/11 FINISH DATE: 2/24/11
DRILLING COMPANY: GEOLOGIC EXPLORATION
DRILLER: VINCE FEDERLE (CERT #1930)
DRILLING METHOD: SOLID FLIGHT AUGER

HOLE DIAMETER: 4.25"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 132.33
WATER LEVEL: 14.64 FT TOC
EASTING: 157.0032
NORTHING: 1130.0546
DEVELOPMENT: PUMPING/SURGING

Casing Interval 0-6 FT BGS | Bentonite Interval 2-4 FT BGS | Filter Interval 4-16 FT BGS
Screen Interval 6-16 FT BGS | Grout Interval 0-2 FT BGS | Filter Material SAND

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology (SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.)	Water Level	Well Construction
0		1	N/A	2-3	TOPSOIL: Topsoil		WELLCAP
					CLAYEY SILT: Red brown clayey silt, little medium grained sand, low density, medium plasticity, trace mica		GROUTED ANNULUS
					CLAYEY SILT: Orange brown clayey silt, little medium grained sand, low density, medium plasticity, trace mica		BENTONITE
5		1	0.7	2			
		1	N/A	2			SCH 40 PVC CASING
					CLAYEY SILT: Orange brown clayey silt, trace fine grained sand, medium density, low plasticity, trace mica		
		1	2.3	2			GRAVEL PACK
10		1	N/A	2			
					CLAYEY SILT: Brown micaceous clayey silt, trace fine grained sand, medium density, low plasticity		SCH 40 WELLSCREEN
15					Refusal at terminal depth, bedrock		



Total Depth = 16 FT BGS

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WELL LOG

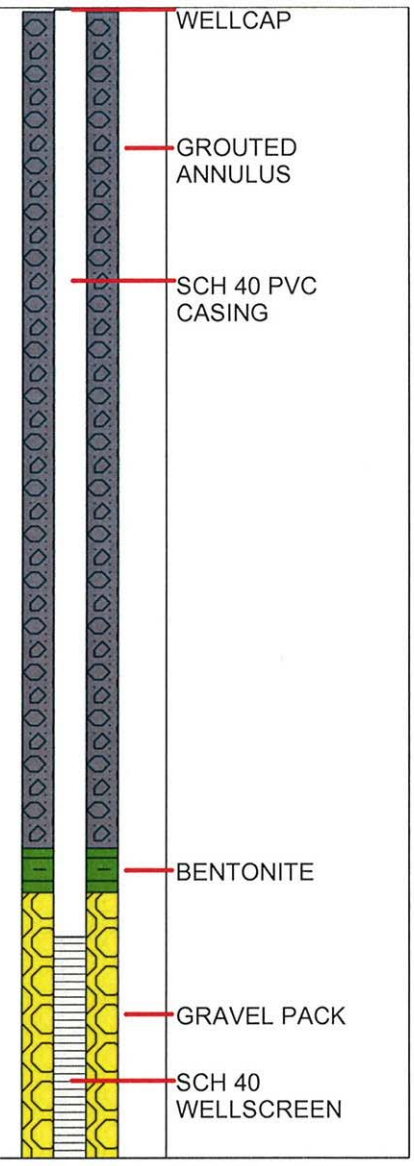
MONITORING WELL #: MW-41
TERRY PROJECT: F. LI'L CRICKET #339
PROJECT LOCATION: SENECA, SC

TERRY PROJECT #: 2170E
SCDHEC SITE ID #: 07303
CLIENT: Li'l CRICKET FOOD STORES
FIELD PERSONNEL: L.O.
START DATE: 3/23/11 FINISH DATE: 3/23/11
DRILLING COMPANY: GEOLOGIC EXPLORATION
DRILLER: JOHNNY BURR (CERT #D1740)
DRILLING METHOD: HOLLOW STEM AUGER

HOLE DIAMETER: 8"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 147.24
WATER LEVEL: 46.40 FT TOC
EASTING: 574.169
NORTHING: 1354.4264
DEVELOPMENT: PUMPING/SURGING

Casing Interval 0-42 FT BGS Bentonite Interval 38-40 FT BGS Filter Interval 40-52 FT BGS
Screen Interval 42-52 FT BGS Grout Interval 0-38 FT BGS Filter Material SAND

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology	Water Level
0	1	1	N/A	2	TOPSOIL: Topsoil	
5	1	1	0.2	2	CLAYEY SILT: Red orange clayey silt, some medium to coarse grained sand, low density, medium plasticity, trace mica	
		1	N/A	2		
10	1	1	0.6	2	CLAYEY SILT: Orange clayey silt, some medium to coarse grained sand, medium density, low plasticity, trace mica	
		1	N/A	2		
15	1	1	1.7	2	CLAYEY SILT: Brown red clayey silt, medium-high density, low plasticity, trace mica	
		1	N/A	2		
20	1	1	3.4	2	SILT: Gold micaceous silt, some clay, little medium grained sand, medium density, medium plasticity	
		1	N/A	2		
25	1	1	5.4	2	SILT: Red gold micaceous silt, some clay, little medium grained sand, medium density, medium plasticity	
		1	N/A	2		
30	1	1	6.1	2		
		1	N/A	2		
35	1	1	6.3	2	SILT: Gold brown micaceous silt, some clay, little medium grained sand, medium density, medium plasticity	
		1	N/A	2-3		
40	1	1	7.4	2-3		
		1	N/A	2-3		
45	1	1	9.1	2-3		
		1	N/A	3		
50						



Total Depth = 52 FT BGS

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WELL LOG

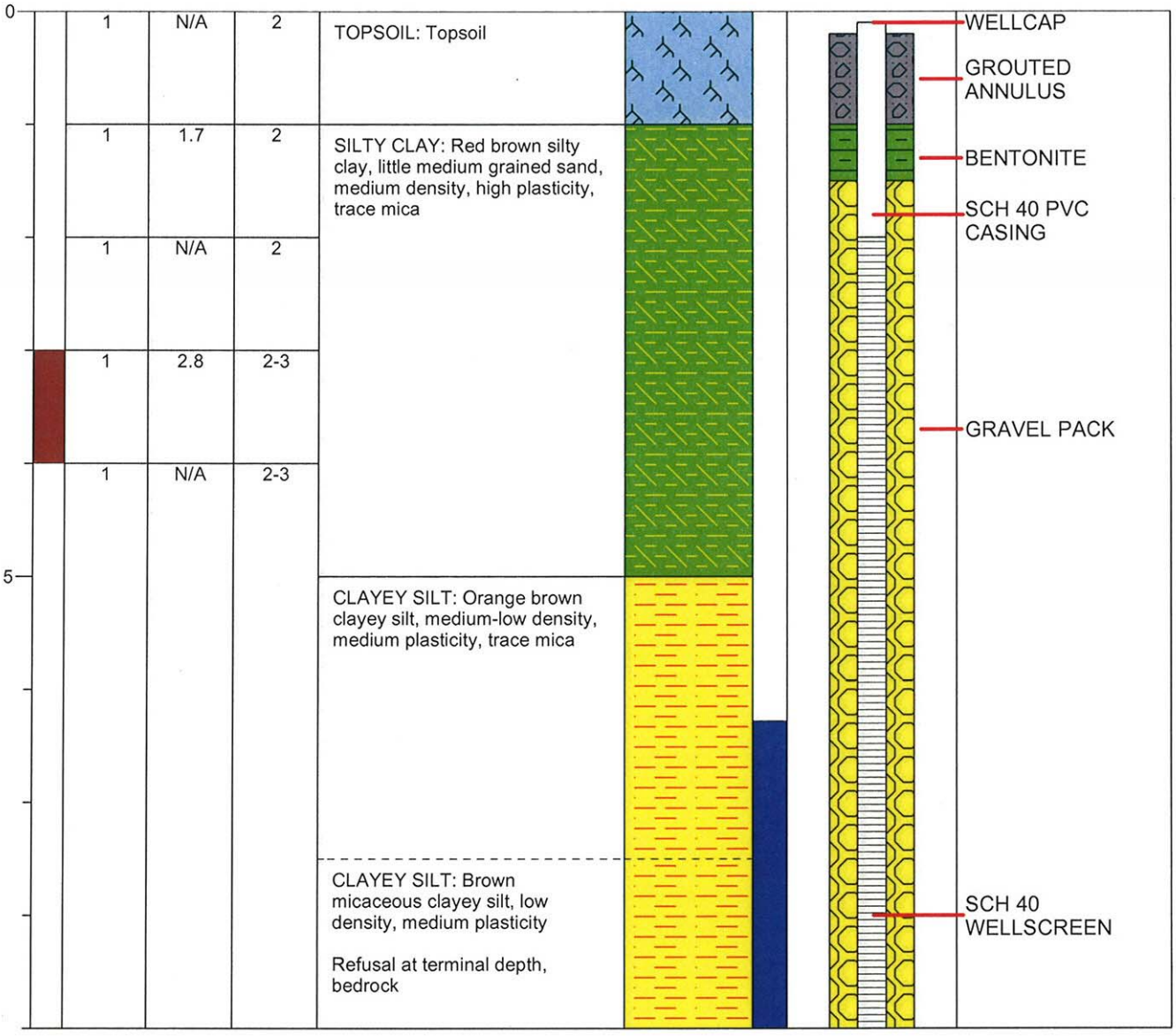
MONITORING WELL #: MW-42
TERRY PROJECT: F. LI'L CRICKET #339
PROJECT LOCATION: SENECA, SC

TERRY PROJECT #: 2170E
SCDHEC SITE ID #: 07303
CLIENT: Li'l CRICKET FOOD STORES
FIELD PERSONNEL: L.O., K.L.
START DATE: 2/24/11 FINISH DATE: 2/24/11
DRILLING COMPANY: GEOLOGIC EXPLORATION
DRILLER: VINCE FEDERLE (CERT #1930)
DRILLING METHOD: SOLID FLIGHT AUGER

HOLE DIAMETER: 4.25"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 112.87
WATER LEVEL: 6.28 FT TOC
EASTING: 147.5293
NORTHING: 1330.4964
DEVELOPMENT: PUMPING/SURGING

Casing Interval 0-2 FT BGS | Bentonite Interval 1-1.5 FT BGS | Filter Interval 1.5-9 FT BGS
Screen Interval 2-9 FT BGS | Grout Interval 0-1 FT BGS | Filter Material SAND

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology	Water Level	Well Construction
0		1	N/A	2	TOPSOIL: Topsoil		WELLCAP; GROUTED ANNULUS
		1	1.7	2	SILTY CLAY: Red brown silty clay, little medium grained sand, medium density, high plasticity, trace mica		BENTONITE; SCH 40 PVC CASING
		1	N/A	2			
		1	2.8	2-3			GRAVEL PACK
		1	N/A	2-3			
5					CLAYEY SILT: Orange brown clayey silt, medium-low density, medium plasticity, trace mica		
					CLAYEY SILT: Brown micaceous clayey silt, low density, medium plasticity Refusal at terminal depth, bedrock		SCH 40 WELLSCREEN



Total Depth = 9 FT BGS

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WELL LOG

MONITORING WELL #: MW-43
TERRY PROJECT: F. LI'L CRICKET #339
PROJECT LOCATION: SENECA, SC

TERRY PROJECT #: 2170E
SCDHEC SITE ID #: 07303
CLIENT: Li'l CRICKET FOOD STORES
FIELD PERSONNEL: L.O.
START DATE: 3/23/11 FINISH DATE: 3/23/11
DRILLING COMPANY: GEOLOGIC EXPLORATION
DRILLER: JOHNNY BURR (CERT #D1740)
DRILLING METHOD: HOLLOW STEM AUGER

HOLE DIAMETER: 8"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 144.35
WATER LEVEL: 43.89 FT TOC
EASTING: 668.2118
NORTHING: 1396.2622
DEVELOPMENT: PUMPING/SURGING

Casing Interval 0-40 FT BGS Bentonite Interval 36-38 FT BGS Filter Interval 38-50 FT BGS
Screen Interval 40-50 FT BGS Grout Interval 0-36 FT BGS Filter Material SAND

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology	Water Level	Well Construction
0	1	1	N/A	2	TOPSOIL: Topsoil		WELLCAP
		1	0.1	2	CLAYEY SILT: Orange brown clayey silt, some medium to coarse grained sand, low density, medium plasticity, trace mica		
5		1	N/A	2			GROUTED ANNULUS
		1	0.1	2	CLAYEY SILT: Brown red clayey silt, medium-high density, low plasticity, trace mica		
10		1	N/A	2			SCH 40 PVC CASING
		1	1.0	2	SILT: Gold micaceous silt, some clay, little medium grained sand, medium density, medium plasticity		
15		1	N/A	2			
		1	0.8	2	SILT: Red gold micaceous silt, some clay, little medium grained sand, medium density, medium plasticity		
20		1	N/A	2			
		1	1.6	2			
25		1	N/A	2			
		1	2.5	2			
30		1	N/A	2-3	SILT: Gold brown micaceous silt, some clay, little medium grained sand, medium density, medium plasticity		
		1	2.2	2-3			
35		1	N/A	2-3			BENTONITE
		1	3.8	2-3			
40		1	N/A	2-3			
		1	N/A	3			GRAVEL PACK
45							SCH 40 WELLSCREEN
50							

Total Depth = 50 FT BGS

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WELL LOG

MONITORING WELL #: MW-44
TERRY PROJECT: F. LI'L CRICKET #339
PROJECT LOCATION: SENECA, SC

TERRY PROJECT #: 2170E
SCDHEC SITE ID #: 07303
CLIENT: Li'l CRICKET FOOD STORES
FIELD PERSONNEL: K.L.
START DATE: 5/4/2011 FINISH DATE: 5/4/2011
DRILLING COMPANY: GEOLOGIC EXPLORATION
DRILLER: VINCE FEDERLE (CERT #1930)
DRILLING METHOD: HOLLOW STEM AUGER

HOLE DIAMETER: 8"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 145.55
WATER LEVEL: 45.36 FT TOC
EASTING: 452.3731
NORTHING: 1404.8275
DEVELOPMENT: PUMPING/SURGING

Casing Interval 0-42 FT BGS | Bentonite Interval 38-40 FT BGS | Filter Interval 40-52 FT TOC
Screen Interval 42-52 FT BGS | Grout Interval 0-38 FT BGS | Filter Material SAND

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology	Water Level	Well Construction
0	1	N/A	2		TOPSOIL: Topsoil		WELLCAP
	1	0.0	2		CLAYEY SILT: Red orange clayey silt, some medium to coarse grained sand, low density, low plasticity, trace mica		
5	1	N/A	2				GROUTED ANNULUS
	1	0.0	2		CLAYEY SILT: Brown red clayey silt, some medium grained sand, low density, low plasticity, trace mica		
10	1	N/A	2				SCH 40 PVC CASING
	1	0.0	2		SILT: Gold brown micaceous silt, some clay, some medium to coarse grained sand, medium density, medium plasticity		
15	1	N/A	2				
	1	0.0	2				
20	1	N/A	2				
	1	0.0	2		SILT: Gold brown micaceous silt, some clay, some well rounded gravel size weathered rock, high density, low plasticity		
25	1	N/A	2				
	1	0.0	2		SILT: Gold brown micaceous silt, some clay, some medium to coarse grained sand, high density, medium plasticity		
30	1	N/A	2				
	1	0.0	2				
35	1	N/A	2				
	1	0.0	2		SANDY SILT: Gold tan coarse grained, micaceous sandy silt, some pebble size weatherd rock, high density, low plasticity		BENTONITE
40	1	N/A	2-3				
	1	N/A	3		SILT: Gold brown micaceous silt, some coarse grained sand, medium density, medium plasticity		GRAVEL PACK
45							SCH 40 WELLSCREEN
50							

Total Depth = 52 FT BGS

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WELL LOG

MONITORING WELL #: MW-45
TERRY PROJECT: F. LI'L CRICKET #339
PROJECT LOCATION: SENECA, SC

TERRY PROJECT #: 2170E
SCDHEC SITE ID #: 07303
CLIENT: Li'l CRICKET FOOD STORES
FIELD PERSONNEL: K.L.
START DATE: 5/4/2011 FINISH DATE: 5/4/2011
DRILLING COMPANY: GEOLOGIC EXPLORATION
DRILLER: VINCE FEDERLE (CERT #1930)
DRILLING METHOD: HOLLOW STEM AUGER

HOLE DIAMETER: 8"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 140.8
WATER LEVEL: 46.19 FT TOC
EASTING: 489.4455
NORTHING: 1497.0049
DEVELOPMENT: PUMPING/SURGING

Casing Interval 0-42 FT BGS | Bentonite Interval 38-40 FT BGS | Filter Interval 40-52 FT BGS
Screen Interval 42-52 FT BGS | Grout Interval 0-38 FT BGS | Filter Material SAND

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology	Water Level	Well Construction
0	1	N/A	2		TOPSOIL: Topsoil		WELLCAP
	1	0.0	2		CLAYEY SILT: Red orange clayey silt, some medium to coarse grained sand, low density, medium plasticity, trace mica		
5	1	N/A	2				GROUTED ANNULUS
	1	0.0	2		CLAYEY SILT: Brown red clayey silt, some medium to coarse grained sand, low density, low plasticity, trace mica		
10	1	N/A	2				SCH 40 PVC CASING
	1	0.0	2		SILT: Gold brown micaceous silt, some clay, some medium grained sand, medium density, medium plasticity		
15	1	N/A	2				
	1	0.0	2				
20	1	N/A	2				
	1	0.0	2		SILT: Red gold micaceous silt, some clay, some medium grained sand, medium density, medium plasticity		
25	1	N/A	2				
	1	0.0	2				
30	1	N/A	2				
	1	0.0	2		SILT: Gold brown micaceous silt, some clay, some medium grained sand, medium density, medium plasticity		
35	1	N/A	2				
	1	0.0	2				BENTONITE
40	1	N/A	2-3				
	1	N/A	3				GRAVEL PACK
45							SCH 40 WELLSCREEN
50							

Total Depth = 52 FT BGS

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WELL LOG

MONITORING WELL #: MW-46
TERRY PROJECT: F. LI'L CRICKET #339
PROJECT LOCATION: SENECA, SC

TERRY PROJECT #: 2170E
SCDHEC SITE ID #: 07303
CLIENT: Li'l CRICKET FOOD STORES
FIELD PERSONNEL: K.L.
START DATE: 4/21/11 FINISH DATE: 4/21/11
DRILLING COMPANY: GEOLOGIC EXPLORATION
DRILLER: JOHNNY BURR (CERT #D1740)
DRILLING METHOD: HOLLOW STEM AUGER

HOLE DIAMETER: 8"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 140.64
WATER LEVEL: 44.75 FT TOC
EASTING: 588.232
NORTHING: 1481.7031
DEVELOPMENT: PUMPING/SURGING

Casing Interval 0-40 FT BGS | Bentonite Interval 36-38 FT BGS | Filter Interval 38-50 FT BGS
Screen Interval 40-50 FT BGS | Grout Interval 0-36 FT BGS | Filter Material SAND

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology	Water Level	Well Construction
0		1	N/A	2	TOPSOIL: Topsoil		WELLCAP
		1	0.0	2	CLAYEY SILT: Red orange clayey silt, some medium to coarse grained sand, low density, medium plasticity, trace mica		
5		1	N/A	2			GROUTED ANNULUS
		1	0.0	2	CLAYEY SILT: Brown red clayey silt, some medium to coarse grained sand, medium density, low plasticity, trace mica		
10		1	N/A	2			SCH 40 PVC CASING
		1	0.0	2			
15		1	N/A	2	SILT: Gold micaceous silt, some clay, some medium grained sand, medium density, medium plasticity		
		1	0.0	2			
20		1	N/A	2			
		1	0.0	2			
25		1	N/A	2			
		1	0.0	2	SILT: Red gold micaceous silt, some clay, little medium grained sand, medium density, medium plasticity		
30		1	N/A	2			
		1	0.0	2			
35		1	N/A	2			BENTONITE
		1	0.0	2			
40		1	N/A	2			
		1	N/A	3	SILT: Gold brown micaceous silt, some clay, little medium grained sand, medium density, medium plasticity		GRAVEL PACK
45							SCH 40 WELLSCREEN
50							

Total Depth = 50 FT BGS

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WELL LOG

MONITORING WELL #: MW-47
TERRY PROJECT: F. LI'L CRICKET #339
PROJECT LOCATION: SENECA, SC

TERRY PROJECT #: 2170E
SCDHEC SITE ID #: 07303
CLIENT: Li'l CRICKET FOOD STORES
FIELD PERSONNEL: K.L.
START DATE: 5/4/11 FINISH DATE: 5/4/11
DRILLING COMPANY: GEOLOGIC EXPLORATION
DRILLER: VINCE FEDERLE (CERT #1930)
DRILLING METHOD: HOLLOW STEM AUGER

HOLE DIAMETER: 8"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 126.76
WATER LEVEL: 36.62 FT BGS
EASTING: 649.1286
NORTHING: 1510.4109
DEVELOPMENT: PUMPING/SURGING

Casing Interval 0-32 FT BGS | Bentonite Interval 28-30 FT BGS | Filter Interval 30-42 FT TOC
Screen Interval 32-42 FT BGS | Grout Interval 0-28 FT BGS | Filter Material SAND

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology	Water Level	Well Construction
0		1	N/A	2	TOPSOIL: Topsoil		WELLCAP
		1	0.0	2	CLAYEY SILT: Red orange clayey silt, some medium to coarse grained sand, low density, medium plasticity, trace mica		
5		1	N/A	2			GROUTED ANNULUS
		1	0.0	2	CLAYEY SILT: Brown red clayey silt, some medium to coarse grained sand, low density, medium plasticity, trace mica		
10		1	N/A	2			SCH 40 PVC CASING
		1	0.0	2			
15		1	N/A	2			
		1	0.0	2			
20		1	N/A	2			
		1	0.0	2			
25		1	N/A	2			
		1	0.0	2	SILT: Red gold micaceous silt, some clay, little medium grained sand, medium density, medium plasticity		BENTONITE
30		1	N/A	2			
		1	0.0	2-3	SILT: Gold brown micaceous silt, some clay, little medium grained sand, low density, medium plasticity		GRAVEL PACK
35		1	N/A	2-3			
		1	0.0	3			SCH 40 WELLSCREEN
40							

Total Depth = 42 FT BGS

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WELL LOG

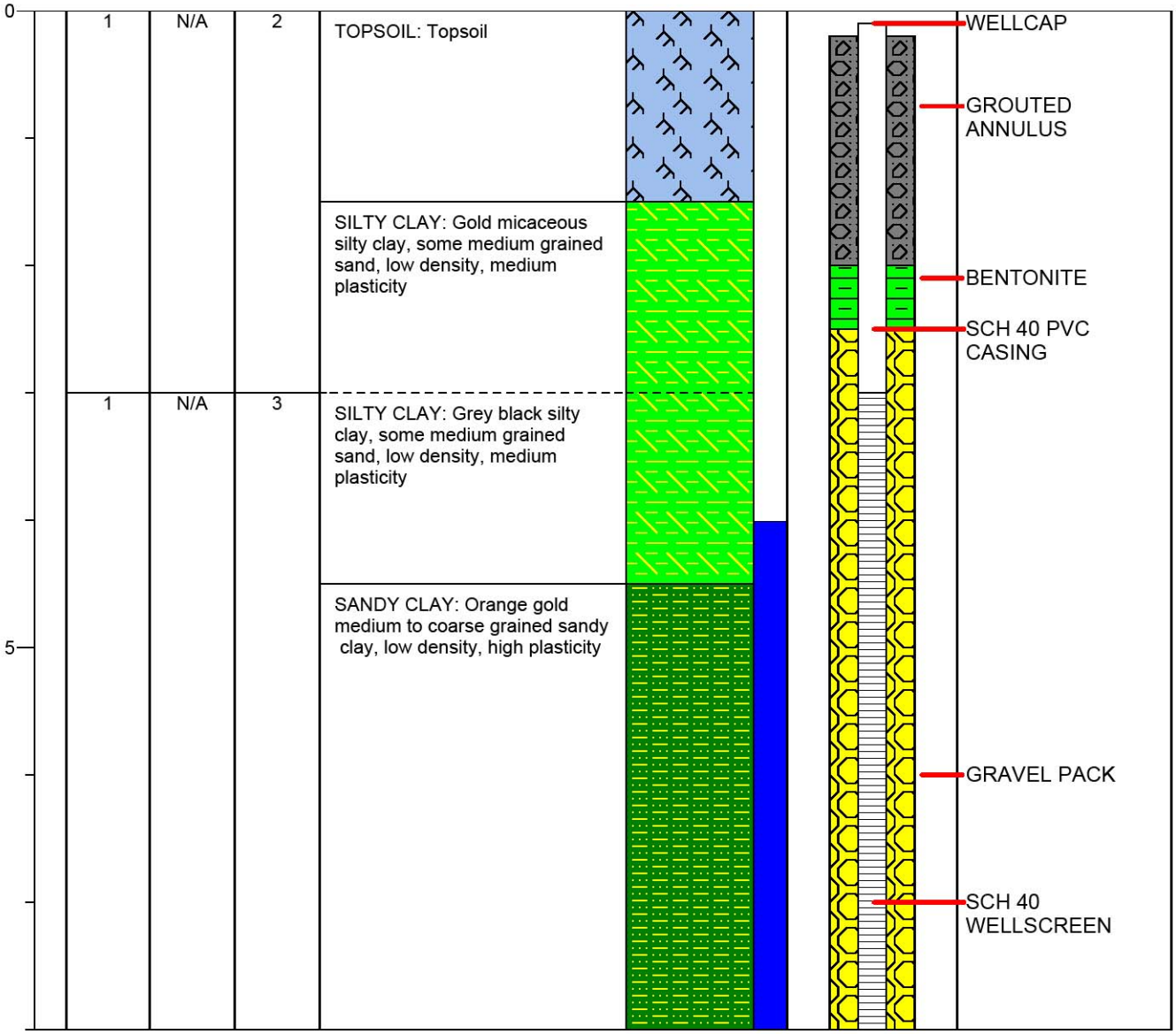
MONITORING WELL #: MW-48
TERRY PROJECT: F. LI'L CRICKET #339
PROJECT LOCATION: SENECA, SC

TERRY PROJECT #: 2170E
SCDHEC SITE ID #: 07303
CLIENT: Li'l CRICKET FOOD STORES
FIELD PERSONNEL: K.L.
START DATE: 5/4/11 FINISH DATE: 5/4/11
DRILLING COMPANY: GEOLOGIC EXPLORATION
DRILLER: VINCE FEDERLE (CERT #1930)
DRILLING METHOD: HAND AUGER

HOLE DIAMETER: 6"
CASING DIAMETER: 2"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 87.83
WATER LEVEL: 4.01 FT TOC
EASTING: 598.9862
NORTHING: 1598.9601
DEVELOPMENT: PUMPING/SURGING

Casing Interval 0-3 FT BGS | Bentonite Interval 2-2.5 FT BGS | Filter Interval 2.5-8 FT BGS
Screen Interval 3-8 FT BGS | Grout Interval 0-2 FT BGS | Filter Material SAND

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology	Water Level	Well Construction
0	1	N/A	2		TOPSOIL: Topsoil		WELLCAP
					SILTY CLAY: Gold micaceous silty clay, some medium grained sand, low density, medium plasticity		GROUTED ANNULUS
							BENTONITE
							SCH 40 PVC CASING
	1	N/A	3		SILTY CLAY: Grey black silty clay, some medium grained sand, low density, medium plasticity		
5					SANDY CLAY: Orange gold medium to coarse grained sandy clay, low density, high plasticity		GRAVEL PACK
							SCH 40 WELLSCREEN



Total Depth = 8 FT BGS

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WELL LOG

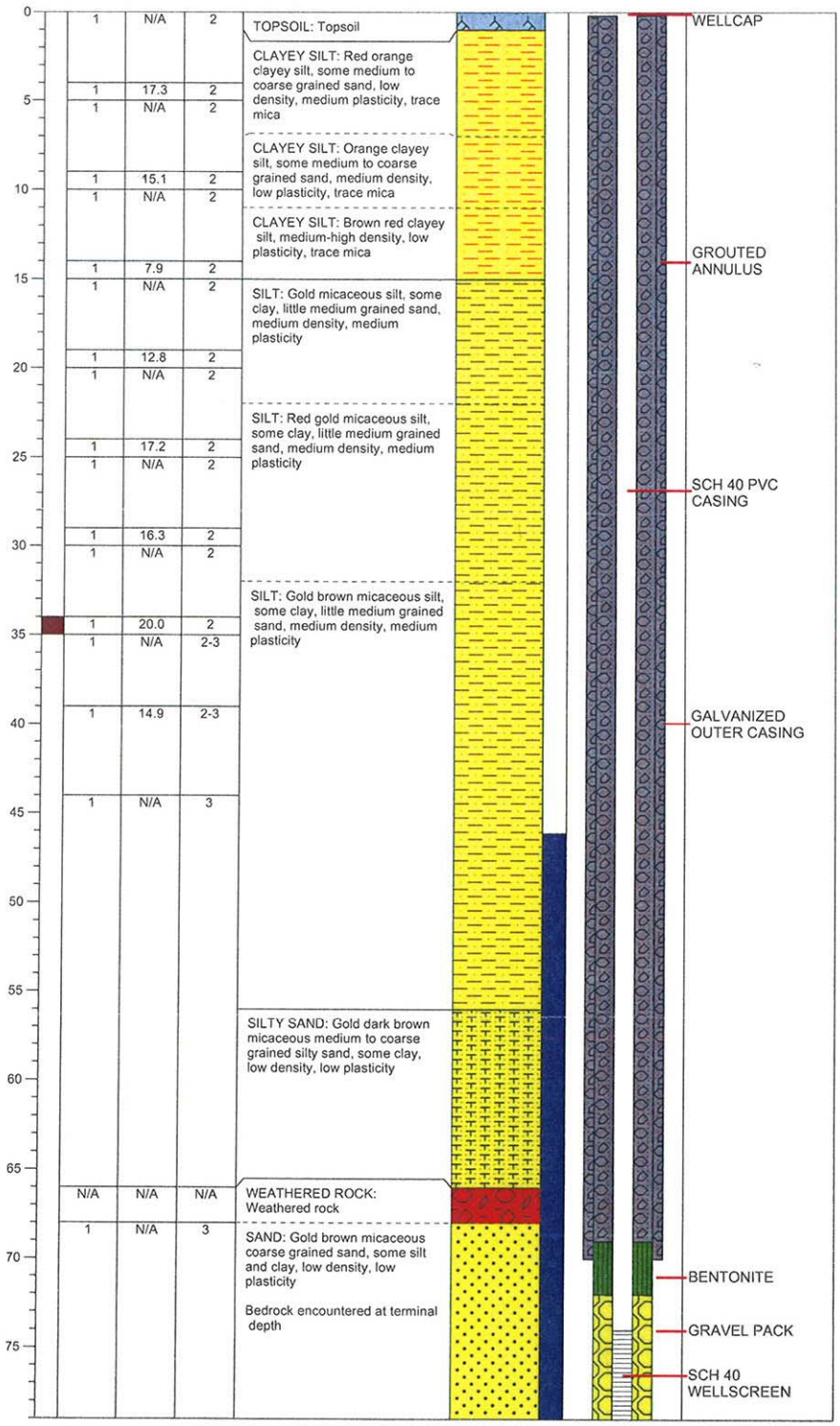
MONITORING WELL #: DW-11
TERRY PROJECT: F. LI'L CRICKET #339
PROJECT LOCATION: SENECA, SC

TERRY PROJECT #: 2170E
SCDHEC SITE ID #: 07303
CLIENT: Li'l CRICKET FOOD STORES
FIELD PERSONNEL: L.O.
START DATE: 4/26/11 FINISH DATE: 4/27/11
DRILLING COMPANY: GEOLOGIC EXPLORATION
DRILLER: JERRY WATKINS (CERT #1979)
DRILLING METHOD: AIR ROTARY

HOLE DIAMETER: 12"
CASING DIAMETER: 2"/6"
SCREEN DIAMETER: 2"
TOP OF CASING ELEVATION: 147.66
WATER LEVEL: 46.10 FT TOC
EASTING: 582.3128
NORTHING: 1346.6338
DEVELOPMENT: PUMPING/SURGING

Casing Interval 0-74 FT BGS Bentonite Interval 69-72 FT BGS Filter Interval 72-79 FT BGS
Screen Interval 74-79 FT BGS Grout Interval 0-69 FT BGS Filter Material SAND

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology (SAND: color, moisture, gradation, grain size, fines content, additional comments. CLAY: density, color, moisture, % fines, % coarse, plasticity, additional comments.)	Water Level	Well Construction
0	1	N/A	2		TOPSOIL: Topsoil		WELLCAP
					CLAYEY SILT: Red orange clayey silt, some medium to coarse grained sand, low density, medium plasticity, trace mica		
5	1	17.3	2				
	1	N/A	2				
					CLAYEY SILT: Orange clayey silt, some medium to coarse grained sand, medium density, low plasticity, trace mica		
10	1	15.1	2				
	1	N/A	2				
					CLAYEY SILT: Brown red clayey silt, medium-high density, low plasticity, trace mica		GROUTED ANNULUS
15	1	7.9	2				
	1	N/A	2		SILT: Gold micaceous silt, some clay, little medium grained sand, medium density, medium plasticity		
20	1	12.8	2				
	1	N/A	2				
					SILT: Red gold micaceous silt, some clay, little medium grained sand, medium density, medium plasticity		
25	1	17.2	2				SCH 40 PVC CASING
	1	N/A	2				
30	1	16.3	2				
	1	N/A	2				
					SILT: Gold brown micaceous silt, some clay, little medium grained sand, medium density, medium plasticity		
35	1	20.0	2				
	1	N/A	2-3				
40	1	14.9	2-3				GALVANIZED OUTER CASING
45	1	N/A	3				
50							
55							
					SILTY SAND: Gold dark brown micaceous medium to coarse grained silty sand, some clay, low density, low plasticity		
60							
65	N/A	N/A	N/A		WEATHERED ROCK: Weathered rock		
	1	N/A	3		SAND: Gold brown micaceous coarse grained sand, some silt and clay, low density, low plasticity Bedrock encountered at terminal depth		BENTONITE
70							GRAVEL PACK
75							SCH 40 WELLSCREEN



Total Depth = 79 FT BGS

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE. PROTECT. PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET CONVENIENCE STORE (last) (first)
Address: PO BOX 4451
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: FMR LITTLE CRICKET - 339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from ____ ft. to ____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
TOPSOIL	1.0	1.0
BROWN SILTY CLAY	51.0	52.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-39 BENTONITE SEAL FROM 38.0 TO 40.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other AUGER

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 52.0 ft. Date Started: 02/24/11 Date Completed: 02/24/11

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 42.0 ft. depth
____ in. to ____ ft. depth
Height: Above ☑ Below ☐
Surface 3.0 ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 10.0 FEET
Set Between: 42.0 ft. and 52.0 ft.
____ ft. and ____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 46.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
____ ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 40.0 ft. to 52.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From 0.0 ft. to 38.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type ____
Well Disinfected ☐ Yes ☐ No Type: ____ Amount: ____

18. PUMP: Date installed: ____ ☐ Not installed
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: VINCE FEDERLE CERT. NO.: 01930
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.
Signed: Vincent R. Federle Date: 02/28/11
Well Driller

If D Level Driller, provide supervising driller's name:
MARK GETTYS

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET CONVENIENCE STORE (last) (first)
Address: PO BOX 4451
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: FMR LITTLE CRICKET - 339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
TOPSOIL	1.0	1.0
BROWN SILTY CLAY	15.0	16.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-40 BENTONITE SEAL FROM 2.0 TO 4.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other AUGER

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 16.0 ft. Date Started: 02/24/11 Date Completed: 02/24/11

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 6.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 10.0 FEET
Set Between: 6.0 ft. and 16.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 11.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 4.0 ft. to 16.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 2.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: VINCE FEDERLE **CERT. NO.:** 01930
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Vincent R. Federle Well Driller Date: 02/28/11

If D Level Driller, provide supervising driller's name:
MARK GETTYS

DHEC 1903 (07/2003)

COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET CONVENIENCE STORE (last) (first)
Address: PO BOX 4451
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: FMR LITTLE CRICKET - 339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
RED/ORANGE SANDY CLAY	10.0	10.0
RED/ORANGE/BROWN SANDY CLAY	15.0	25.0
TAN SILT	27.0	52.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-41 BENTONITE SEAL FROM 38.0 TO 40.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other AUGER

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 52.0 ft. Date Started: 03/23/11 Date Completed: 03/23/11

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 42.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 10.0 FEET
Set Between: 42.0 ft. and 52.0 ft. NOTE: MULTIPLE SCREENS
_____ ft. and _____ ft. USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 45.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 40.0 ft. to 52.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 38.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JOHNNY BURR **CERT. NO.:** 01740
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed Johnny Burr (Well Driller) Date: 03/29/11

If D Level Driller, provide supervising driller's name:
MARK GETTYS

DHEC 1903 (07/2003)

COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET CONVENIENCE STORE (last) (first)
Address: PO BOX 4451
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: FMR LITTLE CRICKET - 339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from ____ ft. to ____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
TOPSOIL	1.0	1.0
BROWN SILTY CLAY	8.0	9.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-42 BENTONITE SEAL FROM 1.0 TO 1.5 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other AUGER

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 02/24/11
9.0 ft. Date Completed: 02/24/11

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 2.0 ft. depth
____ in. to ____ ft. depth
Height: Above ☑ Below ☐
Surface 3.0 ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 7.0 FEET
Set Between: 2.0 ft. and 9.0 ft.
____ ft. and ____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 8.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
____ ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 1.5 ft. to 9.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From 0.0 ft. to 1.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type ____
Well Disinfected ☐ Yes ☐ No Type: ____ Amount: ____

18. PUMP: Date installed: ____ Not installed ☐
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: VINCE FEDERLE **CERT. NO.:** 01930
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.
Signed: Vincent R. Federle Well Driller Date: 02/28/11

If D Level Driller, provide supervising driller's name:
MARK GETTYS

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET CONVENIENCE STORE (last) (first)
Address: PO BOX 4451
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: FMR LITTLE CRICKET - 339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from ____ ft. to ____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
RED/ORANGE SANDY CLAY	10.0	10.0
RED/ORANGE/BROWN SANDY CLAY	15.0	25.0
TAN SILT	25.0	50.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-43 BENTONITE SEAL FROM 36.0 TO 38.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other AUGER

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 03/23/11
50.0 ft. Date Completed: 03/23/11

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 40.0 ft. depth
____ in. to ____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 10.0 FEET
Set Between: 40.0 ft. and 50.0 ft.
____ ft. and ____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 45.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
____ ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 38.0 ft. to 50.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From 0.0 ft. to 36.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type ____
Well Disinfected ☐ Yes ☐ No Type: ____ Amount: ____

18. PUMP: Date installed: ____ Not installed ☐
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JOHNNY BURR **CERT. NO.:** 01740
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Johnny Burr (Well Driller) Date: 03/29/11

If D Level Driller, provide supervising driller's name:
MARK GETTYS

DHEC 1903 (07/2003)

COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET CONVENIENCE STORE (last) (first)
Address: PO BOX 4451
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: FMR LITTLE CRICKET - 339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
TOPSOIL	1.0	1.0
RED/BROWN CLAYEY SILT	39.0	40.0
PARTIALLY WEATHERED ROCK	5.0	45.0
TAN CLAYEY SILT	7.0	52.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-44 BENTONITE SEAL FROM 38.0 TO 40.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other AUGER

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 52.0 ft. Date Started: 05/04/11 Date Completed: 05/04/11

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 42.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 10.0 FEET
Set Between: 42.0 ft. and 52.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 46.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 40.0 ft. to 52.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 38.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: VINCE FEDERLE **CERT. NO.:** 01930
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Vincent R. Federle Well Driller Date: 05/10/11

If D Level Driller, provide supervising driller's name:
MARK GETTYS

DHEC 1903 (07/2003)

COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET CONVENIENCE STORE (last) (first)
Address: PO BOX 4451
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: FMR LITTLE CRICKET - 339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
TOPSOIL	1.0	1.0
RED/BROWN CLAYEY SILT	51.0	52.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-45 BENTONITE SEAL FROM 38.0 TO 40.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other AUGER

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 52.0 ft. Date Started: 05/04/11 Date Completed: 05/04/11

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 42.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 10.0 FEET
Set Between: 42.0 ft. and 52.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 46.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 40.0 ft. to 52.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 38.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: VINCE FEDERLE **CERT. NO.:** 01930
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Vincent R. Federle Well Driller Date: 05/10/11

If D Level Driller, provide supervising driller's name:
MARK GETTYS

DHEC 1903 (07/2003)

COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET CONVENIENCE STORE (last) (first)
Address: PO BOX 4451
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC COUNTY: OCONEE
Name: FMR LITTLE CRICKET - 339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: PUBLIC SYSTEM NUMBER:

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from ____ ft. to ____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
RED CLAY	6.0	6.0
TAN SANDY SILT	24.0	30.0
TAN/BROWN PARTIALLY WEATHERED ROCK	20.0	50.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-46 BENTONITE SEAL FROM 36.0 TO 38.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other AUGER

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 04/21/11
50.0 ft. Date Completed: 04/21/11

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 40.0 ft. depth
____ in. to ____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 10.0 FEET
Set Between: 40.0 ft. and 50.0 ft. NOTE: MULTIPLE SCREENS
____ ft. and ____ ft. USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 45.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
____ ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filler pack) ☑ Yes ☐ No
Installed from 38.0 ft. to 50.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From 0.0 ft. to 36.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type ____
Well Disinfected ☐ Yes ☐ No Type: ____ Amount: ____

18. PUMP: Date installed: ____ Not installed ☐
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JOHNNY BURR CERT. NO.: 01740
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Johnny Burr Date: 04/25/11
Well Driller

If D Level Driller, provide supervising driller's name:
MARK GETTYS

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET CONVENIENCE STORE (last) (first)
Address: PO BOX 4451
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: FMR LITTLE CRICKET - 339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
TOPSOIL	1.0	1.0
RED/BROWN CLAYEY SILT	41.0	42.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-47 BENTONITE SEAL FROM 28.0 TO 30.0 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other AUGER

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 42.0 ft. Date Started: 05/04/11 Date Completed: 05/04/11

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 32.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 10.0 FEET
Set Between: 32.0 ft. and 42.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 36.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 30.0 ft. to 42.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 28.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: VINCE FEDERLE CERT. NO.: 01930
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Vincent R. Federle Well Driller Date: 05/10/11

If D Level Driller, provide supervising driller's name:
MARK GETTYS

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET CONVENIENCE STORE (last) (first)
Address: PO BOX 4451
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: FMR LITTLE CRICKET - 339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
TOPSOIL	1.0	1.0
TAN CLAYEY SILTY SAND	7.0	8.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-48 BENTONITE SEAL FROM 2.0 TO 2.5 FT.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other AUGER

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 8.0 ft. Date Started: 05/04/11 Date Completed: 05/04/11

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 3.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 5.0 FEET
Set Between: 3.0 ft. and 8.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 5.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 2.5 ft. to 8.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 2.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: VINCE FEDERLE CERT. NO.: 01930
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Vincent R. Federle Date: 05/10/11
Well Driller

If D Level Driller, provide supervising driller's name:
MARK GETTYS

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LITTLE CRICKET CONVENIENCE STORE (last) (first)
Address: PO BOX 4451
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: FMR LITTLE CRICKET - 339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
RED/ORANGE SILTY CLAY	55.0	55.0
BROWN SAND	11.0	66.0
PARTIALLY WEATHERED ROCK	1.0	67.0
SAND	12.0	79.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
DW-11 BENTONITE SEAL FROM 69.0 TO 72.0 FT. 6" GALVANIZED CASING GROUTED FROM 0.0 TO 70.0 FT

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 04/26/11
79.0 ft. Date Completed: 04/27/11

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH, 6 INCH
Type: ☑ PVC ☑ Galvanized ☐ Steel ☐ Other
2.0 in. to 74.0 ft. depth
6.0 in. to 70.0 ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2 INCH
Slot/Gauge: .010 Length: 5.0 FEET
Set Between: 74.0 ft. and 79.0 ft. NOTE: MULTIPLE SCREENS
_____ ft. and _____ ft. USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 50.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 72.0 ft. to 79.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 69.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JERRY WATKINS **CERT. NO.:** 01979
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☑ C ☐ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Jerry Watkins Well Driller Date: 04/28/11

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003)

COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

APPENDIX 7

Soil Analytical Data

ACCESS ANALYTICAL, INC.

ANALYTICAL REPORT

CLIENT

Terry Environmental
PO Box 25
Summerville SC 29484

ATTENTION
Randy Brand

PROJECT ID
2170E Li'l Cricket #339

LABORATORY REPORT NUMBER
1102M57

DATE
March 07, 2011

Primary Data Review By

Brian Rohr
Project Manager, AES

Secondary Data Review By

Ashley Amick
Project Manager, Access Analytical
aamick@axs-inc.com

PLEASE NOTE:

- **Unless otherwise noted, all analysis on this report performed at Analytical Environmental Services Inc. (AES Inc), 3785 Presidential Parkway, Atlanta, GA 30340.**
- **AES is SCDHEC certified laboratory # 98016, NCDENR certified lab # 562, GA certified lab # FL-E87582, NELAP certified laboratory # E87582**
- Local support services for this project are provided by Access Analytical, Inc. Access Analytical is a representative of AES serving client in the SC/NC/GA areas. All questions regarding this report should be directed to your local Access Analytical representative at 803.781.4243 or toll fee at 883.315.4243

Access Analytical - Chain of Custody Record

LAB USE ONLY

Sales Order # _____ **PO #** _____ **Access Quote #** _____

Project Work Order # 1102M57

Laboratory ID: AES

Company Name: Terry Environmental

Report To: Randy Brand

Address: PO Box 25

City: Summerville State: SC Zip: 29484

Phone: 843-873-8200 Fax:

Email: rbrand@terryenvirohmental.com

Project ID: 2170E Limerick #339

Sampled By: KC

Sample ID/Description	Date Collected	Time Collected	Type: (grab or composite)	Matrix (see codes)	Preservative Area (see codes)	TOTAL # of containers	Preservative: (*see codes)	Container Type: (*see codes)	REQUESTED LAB ANALYSES: BTEX, Naph, MTBE
MW-39	2/24/11	2045	G	S	SHW	4	G	G	4
MW-40	2/24/11	2025	G	S	SHW	4	G	G	4
MW-42	2/24/11	2035	G	S	SHW	4	G	G	4

ACCESS ANALYTICAL, INC.

7478 Carlisle Street
Irmo, SC 29063

Phone: (803) 781-4243
Fax: 781-4303

www.axs-inc.com

*Preservative Codes (place corresponding # in block above analysis field): 0 = None, 1 = HCL, 2 = HNO3, 3 = H2SO4, 4 = NaOH, 5 = Na2S2O3, 6 = Method 5035 set w/ NaHSO4, 7 = NaOH/ZnOAC, 8 = H3PO4

*Matrix Codes (place corresponding code in matrix column): GW = ground water, WW = waste water, DW = drinking water, S = soil, SL = sludge, A = air, IW = industrial water, WO = waste oil, OT = other (specify in comments section)

*Program Area Codes: CWA = Clean Water Act (for wastewaters), SDWA = Safe Drinking Water Act (for drinking waters), SHW = Solid and Hazardous Wastes (for soils, ground waters and waste samples)

*Container Type: G = Glass, P = Plastic

NOTES / COMMENTS

(if sample is a composite please use space below to note start/finish times & dates)

Turnaround Time:

- ✓ Standard
- ___ RUSH*

*Date Required: 3/8/11

(For rush work, results emailed/faxed by end of business day on date required)

Project Location:

- ___ SC
- ___ NC
- ___ Other

(specify) _____

Relinquished By:	Received By:	Date (mm-dd-yy)	Time (24HR)	Sample Temp. Upon Receipt (°C):	
		2/25/11	1725	3.0 (°C)	___ (N/A)
	FEDEX	2/25/11	1745	___ (°C)	✓ (N/A)
FEDEX	Mark A	2.26.11	1215	___ (°C)	___ (N/A)
				___ (°C)	___ (N/A)

See Reverse for Terms and Conditions

Original Copy - Returned w/Report
Yellow Copy - Access File Copy
Pink Copy - Client Copy

Analytical Environmental Services, Inc **Date:** 7-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-39
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 8:45:00 PM
Lab ID:	1102M57-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5035)								
Benzene	BRL	5.1		ug/Kg-dry	143056	1	03/04/2011 23:23	JE
Toluene	BRL	5.1		ug/Kg-dry	143056	1	03/04/2011 23:23	JE
Ethylbenzene	BRL	5.1		ug/Kg-dry	143056	1	03/04/2011 23:23	JE
Xylenes, Total	BRL	5.1		ug/Kg-dry	143056	1	03/04/2011 23:23	JE
Naphthalene	BRL	5.1		ug/Kg-dry	143056	1	03/04/2011 23:23	JE
Methyl tert-butyl ether	BRL	5.1		ug/Kg-dry	143056	1	03/04/2011 23:23	JE
Surr: 4-Bromofluorobenzene	97.6	56-137		%REC	143056	1	03/04/2011 23:23	JE
Surr: Dibromofluoromethane	105	73.7-137		%REC	143056	1	03/04/2011 23:23	JE
Surr: Toluene-d8	95.8	69.2-126		%REC	143056	1	03/04/2011 23:23	JE
PERCENT MOISTURE D2216								
Percent Moisture	18.1	0		wt%	R191737	1	03/03/2011 15:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 7-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-40
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 8:25:00 PM
Lab ID:	1102M57-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5035)								
Benzene	BRL	4.6		ug/Kg-dry	143056	1	03/05/2011 00:14	JE
Toluene	BRL	4.6		ug/Kg-dry	143056	1	03/05/2011 00:14	JE
Ethylbenzene	BRL	4.6		ug/Kg-dry	143056	1	03/05/2011 00:14	JE
Xylenes, Total	BRL	4.6		ug/Kg-dry	143056	1	03/05/2011 00:14	JE
Naphthalene	BRL	4.6		ug/Kg-dry	143056	1	03/05/2011 00:14	JE
Methyl tert-butyl ether	BRL	4.6		ug/Kg-dry	143056	1	03/05/2011 00:14	JE
Surr: 4-Bromofluorobenzene	96.4	56-137		%REC	143056	1	03/05/2011 00:14	JE
Surr: Dibromofluoromethane	106	73.7-137		%REC	143056	1	03/05/2011 00:14	JE
Surr: Toluene-d8	97.7	69.2-126		%REC	143056	1	03/05/2011 00:14	JE
PERCENT MOISTURE D2216								
Percent Moisture	20.9	0		wt%	R191737	1	03/03/2011 15:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 7-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-42
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 8:35:00 PM
Lab ID:	1102M57-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5035)								
Benzene	BRL	3.9		ug/Kg-dry	143056	1	03/04/2011 23:49	JE
Toluene	BRL	3.9		ug/Kg-dry	143056	1	03/04/2011 23:49	JE
Ethylbenzene	BRL	3.9		ug/Kg-dry	143056	1	03/04/2011 23:49	JE
Xylenes, Total	BRL	3.9		ug/Kg-dry	143056	1	03/04/2011 23:49	JE
Naphthalene	BRL	3.9		ug/Kg-dry	143056	1	03/04/2011 23:49	JE
Methyl tert-butyl ether	BRL	3.9		ug/Kg-dry	143056	1	03/04/2011 23:49	JE
Surr: 4-Bromofluorobenzene	96.2	56-137		%REC	143056	1	03/04/2011 23:49	JE
Surr: Dibromofluoromethane	104	73.7-137		%REC	143056	1	03/04/2011 23:49	JE
Surr: Toluene-d8	93.8	69.2-126		%REC	143056	1	03/04/2011 23:49	JE
PERCENT MOISTURE D2216								
Percent Moisture	17.8	0		wt%	R191737	1	03/03/2011 15:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Access Work Order Number 1102457

Checklist completed by [signature] 2/28/11
Signature Date

Carrier name: FedEx ✓ UPS __ Courier __ Client __ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (4°C±2)* Yes ✓ No __

Cooler #1 3.6°C Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted ✓ Yes __ No __

Water - pH acceptable upon receipt? Yes __ No __ Not Applicable ✓

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

\L\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample_Cooler_Receipt_Checklist

Analytical Environmental Services, Inc

Date: 7-Mar-11

Client: Terry Environmental
Project Name: 2170E Li'l Cricket #339
Workorder: 1102M57

ANALYTICAL QC SUMMARY REPORT

BatchID: 143056

Sample ID: **MB-143056** Client ID: Units: **ug/Kg** Prep Date: **03/04/2011** Run No: **191860**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **143056** Analysis Date: **03/04/2011** Seq No: **4002782**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	5.0	0	0	0	0	0	0	0	0	
Naphthalene	BRL	5.0	0	0	0	0	0	0	0	0	
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	
Xylenes, Total	BRL	5.0	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	47.26	0	50	0	94.5	56	137	0	0	0	
Surr: Dibromofluoromethane	49.36	0	50	0	98.7	73.7	137	0	0	0	
Surr: Toluene-d8	47.55	0	50	0	95.1	69.2	126	0	0	0	

Sample ID: **LCS-143056** Client ID: Units: **ug/Kg** Prep Date: **03/04/2011** Run No: **191860**
SampleType: **LCS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **143056** Analysis Date: **03/04/2011** Seq No: **4002785**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	53.05	5.0	50	0	106	70	130	0	0	0	
Ethylbenzene	55.04	5.0	50	0	110	70	130	0	0	0	
Naphthalene	54.97	5.0	50	0	110	70	130	0	0	0	
Toluene	53.39	5.0	50	0	107	70	130	0	0	0	
Surr: 4-Bromofluorobenzene	48.38	0	50	0	96.8	56	137	0	0	0	
Surr: Dibromofluoromethane	49.17	0	50	0	98.3	73.7	137	0	0	0	
Surr: Toluene-d8	49.80	0	50	0	99.6	69.2	126	0	0	0	

Sample ID: **1102M57-002AMS** Client ID: **MW-40** Units: **ug/Kg-dry** Prep Date: **03/04/2011** Run No: **191860**
SampleType: **MS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **143056** Analysis Date: **03/04/2011** Seq No: **4002788**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	67.20	6.3	63.2	0	106	67.4	144	0	0	0	
Ethylbenzene	71.33	6.3	63.2	0	113	70.6	139	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Analytical Environmental Services, Inc

Date: 7-Mar-11

Client: Terry Environmental
Project Name: 2170E Li'l Cricket #339
Workorder: 1102M57

ANALYTICAL QC SUMMARY REPORT

BatchID: 143056

Sample ID: **1102M57-002AMS**	Client ID: **MW-40**	Units: **ug/Kg-dry**	Prep Date: **03/04/2011**	Run No: **191860**
SampleType: **MS**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**	BatchID: **143056**	Analysis Date: **03/04/2011**	Seq No: **4002788**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Naphthalene	68.69	6.3	63.2	0	109	70	130	0	0	0	
Toluene	67.55	6.3	63.2	0	107	64.6	145	0	0	0	
Surr: 4-Bromofluorobenzene	63.39	0	63.2	0	100	56	137	0	0	0	
Surr: Dibromofluoromethane	62.31	0	63.2	0	98.6	73.7	137	0	0	0	
Surr: Toluene-d8	62.66	0	63.2	0	99.1	69.2	126	0	0	0	

Sample ID: **1102M57-002AMSD**	Client ID: **MW-40**	Units: **ug/Kg-dry**	Prep Date: **03/04/2011**	Run No: **191860**
SampleType: **MSD**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**	BatchID: **143056**	Analysis Date: **03/04/2011**	Seq No: **4002789**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	66.86	6.3	63.2	0	106	67.4	144	67.20	0.509	27.2	
Ethylbenzene	70.64	6.3	63.2	0	112	70.6	139	71.33	0.979	16.6	
Naphthalene	68.59	6.3	63.2	0	109	70	130	68.69	0.147	30	
Toluene	68.50	6.3	63.2	0	108	64.6	145	67.55	1.39	26.8	
Surr: 4-Bromofluorobenzene	62.70	0	63.2	0	99.2	56	137	63.39	0	0	
Surr: Dibromofluoromethane	61.17	0	63.2	0	96.8	73.7	137	62.31	0	0	
Surr: Toluene-d8	61.89	0	63.2	0	97.9	69.2	126	62.66	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

ACCESS ANALYTICAL, INC.

ANALYTICAL REPORT

CLIENT

Terry Environmental
PO Box 25
Summerville SC 29484

ATTENTION
Kelly Cone

PROJECT ID
F. Lil Cricket #339 2170E

LABORATORY REPORT NUMBER
1103M95

DATE
March 31, 2011

Primary Data Review By

Nicole Jessup

Project Manager, AES

Secondary Data Review By

Ashley Amick

Project Manager, Access Analytical
aamick@axs-inc.com

PLEASE NOTE:

- **Unless otherwise noted, all analysis on this report performed at Analytical Environmental Services Inc. (AES Inc), 3785 Presidential Parkway, Atlanta, GA 30340.**
- **AES is SCDHEC certified laboratory # 98016, NCDENR certified lab # 562, GA certified lab # FL-E87582, NELAP certified laboratory # E87582**
- Local support services for this project are provided by Access Analytical, Inc. Access Analytical is a representative of AES serving client in the SC/NC/GA areas. All questions regarding this report should be directed to your local Access Analytical representative at 803.781.4243 or toll fee at 883.315.4243

Access Analytical - Chain of Custody Record

LAB USE ONLY

Project Work Order #: _____ PO #: _____ Access Quote #: _____

LAB USE ONLY

Laboratory ID: 1103M95

Company Name: TERRY Environmental

Report To: Kelly Cone

Address: PO Box 25

City: Summerville State: SC Zip: 29483

Phone: 843-873-8200 Fax:

Email: KCone@Terryenvironmental.com

Project ID: F. 1:1 cricket #339 2170E

Sampled By: LO

Sample ID/Description	Date Collected:	Time Collected:	Type: (grab or composite)	Matrix: (see codes)	Program Area (see codes)	TOTAL # of containers	# of containers collected per analysis	↓ REQUESTED LAB ANALYSIS: ↓ BTEX, Naph									
Preservative: (*see codes)								G									
Container Type: (*see codes)								G									
MW-41	3/23/11	1815	grab	S	SHW	4	4	4									
MW-43	3/23/11	1830	grab	S	SHW	4	4	4									

ACCESS ANALYTICAL, INC.

7478 Carlisle Street
Irmo, SC 29063

Phone: (803) 781-4243
Fax: 781-4303

www.axs-inc.com

*Preservative Codes (place corresponding # in block above analysis field): 0 = None, 1 = HCL, 2 = HNO_3, 3 = H_2SO_4, 4 = NaOH, 5 = $Na_2S_2O_3$, 6 = Method 5035 set w/ $NaHSO_4$ & CH_3OH, 7 = NaOH/ZnOAC, 8 = H_3PO_4

*Matrix Codes (place corresponding code in matrix column): GW = ground water, WW = waste water, DW = drinking water, S = soil, SL = sludge, A = air, IW = industrial waste, WO = waste oil, OT = other (specify in comments section)

*Program Area Codes: CWA = Clean Water Act (for wastewaters), SDWA = Safe Drinking Water Act (for drinking waters), SHW = Solid and Hazardous Wastes (for soils, ground waters and waste samples)

*Container Type: G = Glass, P = Plastic

NOTES / COMMENTS

(if sample is a composite please use space below to note start/finish times & dates)

Turnaround Time:

___ Standard
X RUSH*
*Date Required: ~~3~~4/1/11
(For rush work, results emailed/faxed by end of business day on date required)

Project Location:
X SC
___ NC
___ Other
(specify) _____

Relinquished By:	Received By:	Date (mm-dd-yy)	Time (24HR)	Sample Temp. Upon Receipt (°C):	
Lauren Mathis	M. Robertson	3/24/11	1250	3.0 (°C)	___ (N/A)
M. Robertson	FedEx	3/24/11	1700	___ (°C)	✓ (N/A)
		3/25/11	11:00	___ (°C)	___ (N/A)
				___ (°C)	___ (N/A)

See Reverse for Terms and Conditions

Original Copy - Returned w/Report
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Pg 1 of 1

Analytical Environmental Services, Inc **Date:** 31-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-41
Project Name:	F. Lil Cricket #339 2170E	**Collection Date:**	3/23/2011 6:15:00 PM
Lab ID:	1103M95-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5035)								
Benzene	BRL	4.6		ug/Kg-dry	144307	1	03/31/2011 14:46	JE
Toluene	BRL	4.6		ug/Kg-dry	144307	1	03/31/2011 14:46	JE
Ethylbenzene	BRL	4.6		ug/Kg-dry	144307	1	03/31/2011 14:46	JE
Xylenes, Total	BRL	4.6		ug/Kg-dry	144307	1	03/31/2011 14:46	JE
Naphthalene	BRL	4.6		ug/Kg-dry	144307	1	03/31/2011 14:46	JE
Surr: 4-Bromofluorobenzene	92.5	56-137		%REC	144307	1	03/31/2011 14:46	JE
Surr: Dibromofluoromethane	96.2	73.7-137		%REC	144307	1	03/31/2011 14:46	JE
Surr: Toluene-d8	91.1	69.2-126		%REC	144307	1	03/31/2011 14:46	JE
PERCENT MOISTURE D2216								
Percent Moisture	20.4	0		wt%	R193829	1	03/31/2011 10:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 31-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-43
Project Name:	F. Lil Cricket #339 2170E	**Collection Date:**	3/23/2011 6:30:00 PM
Lab ID:	1103M95-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5035)								
Benzene	BRL	3.9		ug/Kg-dry	144307	1	03/31/2011 15:11	JE
Toluene	BRL	3.9		ug/Kg-dry	144307	1	03/31/2011 15:11	JE
Ethylbenzene	BRL	3.9		ug/Kg-dry	144307	1	03/31/2011 15:11	JE
Xylenes, Total	BRL	3.9		ug/Kg-dry	144307	1	03/31/2011 15:11	JE
Naphthalene	BRL	3.9		ug/Kg-dry	144307	1	03/31/2011 15:11	JE
Surr: 4-Bromofluorobenzene	92.8	56-137		%REC	144307	1	03/31/2011 15:11	JE
Surr: Dibromofluoromethane	95.6	73.7-137		%REC	144307	1	03/31/2011 15:11	JE
Surr: Toluene-d8	90.3	69.2-126		%REC	144307	1	03/31/2011 15:11	JE
PERCENT MOISTURE D2216								
Percent Moisture	18.3	0		wt%	R193829	1	03/31/2011 10:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Access Work Order Number 1103M95

Checklist completed by Mark 3.25.11
Signature Date

Carrier name: FedEx / UPS __ Courier __ Client __ US Mail __ Other _____

Shipping container/cooler in good condition? Yes / No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present /

Custody seals intact on sample bottles? Yes __ No __ Not Present /

Container/Temp Blank temperature in compliance? (4°C±2)* Yes / No __

Cooler #1 4.3°c Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes / No __

Chain of custody signed when relinquished and received? Yes / No __

Chain of custody agrees with sample labels? Yes / No __

Samples in proper container/bottle? Yes / No __

Sample containers intact? Yes / No __

Sufficient sample volume for indicated test? Yes / No __

All samples received within holding time? Yes / No __

Was TAT marked on the COC? Yes / No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable /

Water - VOA vials have zero headspace? No VOA vials submitted / Yes __ No __

Water - pH acceptable upon receipt? Yes __ No __ Not Applicable /

Adjusted? _____ Checked by _____

Sample Condition: Good / Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No /

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

\L\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample_Cooler_Receipt_Checklist

Analytical Environmental Services, Inc

Date: 31-Mar-11

Client: Terry Environmental
Project Name: F. Lil Cricket #339 2170E
Workorder: 1103M95

ANALYTICAL QC SUMMARY REPORT

BatchID: 144307

Sample ID: **MB-144307** Client ID: Units: **ug/Kg** Prep Date: **03/31/2011** Run No: **193810**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **144307** Analysis Date: **03/31/2011** Seq No: **4044084**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Naphthalene	BRL	5.0	0	0	0	0	0	0	0	0	
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	
Xylenes, Total	BRL	5.0	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	41.65	0	50	0	83.3	56	137	0	0	0	
Surr: Dibromofluoromethane	51.84	0	50	0	104	73.7	137	0	0	0	
Surr: Toluene-d8	49.75	0	50	0	99.5	69.2	126	0	0	0	

Sample ID: **LCS-144307** Client ID: Units: **ug/Kg** Prep Date: **03/31/2011** Run No: **193810**
SampleType: **LCS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **144307** Analysis Date: **03/31/2011** Seq No: **4044086**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	57.36	5.0	50	0	115	70	130	0	0	0	
Ethylbenzene	58.39	5.0	50	0	117	70	130	0	0	0	
Naphthalene	46.47	5.0	50	0	92.9	70	130	0	0	0	
Toluene	61.11	5.0	50	0	122	70	130	0	0	0	
Surr: 4-Bromofluorobenzene	53.81	0	50	0	108	56	137	0	0	0	
Surr: Dibromofluoromethane	56.24	0	50	0	112	73.7	137	0	0	0	
Surr: Toluene-d8	55.41	0	50	0	111	69.2	126	0	0	0	

Sample ID: **1103P34-004AMS** Client ID: Units: **ug/Kg-dry** Prep Date: **03/31/2011** Run No: **193810**
SampleType: **MS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **144307** Analysis Date: **03/31/2011** Seq No: **4044087**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	77.19	6.2	62.35	0	124	67.4	144	0	0	0	
Ethylbenzene	78.60	6.2	62.35	0.9821	124	70.6	139	0	0	0	
Naphthalene	69.66	6.2	62.35	0	112	70	130	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Analytical Environmental Services, Inc

Date: 31-Mar-11

Client: Terry Environmental
Project Name: F. Lil Cricket #339 2170E
Workorder: 1103M95

ANALYTICAL QC SUMMARY REPORT

BatchID: 144307

Sample ID: **1103P34-004AMS**	Client ID:			Units: **ug/Kg-dry**		Prep Date: **03/31/2011**		Run No: **193810**	
SampleType: **MS**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**			BatchID: **144307**		Analysis Date: **03/31/2011**		Seq No: **4044087**	

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Toluene	78.66	6.2	62.35	3.350	121	64.6	145	0	0	0	
Surr: 4-Bromofluorobenzene	66.23	0	62.35	0	106	56	137	0	0	0	
Surr: Dibromofluoromethane	68.38	0	62.35	0	110	73.7	137	0	0	0	
Surr: Toluene-d8	67.63	0	62.35	0	108	69.2	126	0	0	0	

Sample ID: **1103P34-004AMSD**	Client ID:			Units: **ug/Kg-dry**		Prep Date: **03/31/2011**		Run No: **193810**	
SampleType: **MSD**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**			BatchID: **144307**		Analysis Date: **03/31/2011**		Seq No: **4044089**	

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	74.10	6.2	62.35	0	119	67.4	144	77.19	4.09	27.2	
Ethylbenzene	79.87	6.2	62.35	0.9821	127	70.6	139	78.60	1.61	16.6	
Naphthalene	66.97	6.2	62.35	0	107	70	130	69.66	3.94	30	
Toluene	77.22	6.2	62.35	3.350	118	64.6	145	78.66	1.86	26.8	
Surr: 4-Bromofluorobenzene	68.46	0	62.35	0	110	56	137	66.23	0	0	
Surr: Dibromofluoromethane	61.70	0	62.35	0	99	73.7	137	68.38	0	0	
Surr: Toluene-d8	66.77	0	62.35	0	107	69.2	126	67.63	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

ACCESS ANALYTICAL, INC.

ANALYTICAL REPORT

CLIENT

Terry Environmental
PO Box 25
Summerville SC 29484

ATTENTION
Kelly Cone

PROJECT ID
2170E/LC#339

LABORATORY REPORT NUMBER
1104K33

DATE
May 03, 2011

Primary Data Review By

Nicole Jessup

Project Manager, AES

Secondary Data Review By

Ashley Amick

Project Manager, Access Analytical
aamick@axs-inc.com

PLEASE NOTE:

- **Unless otherwise noted, all analysis on this report performed at Analytical Environmental Services Inc. (AES Inc), 3785 Presidential Parkway, Atlanta, GA 30340.**
- **AES is SCDHEC certified laboratory # 98016, NCDENR certified lab # 562, GA certified lab # FL-E87582, NELAP certified laboratory # E87582**
- Local support services for this project are provided by Access Analytical, Inc. Access Analytical is a representative of AES serving client in the SC/NC/GA areas. All questions regarding this report should be directed to your local Access Analytical representative at 803.781.4243 or toll fee at 883.315.4243

Access Analytical - Chain of Custody Record

LAB USE ONLY

Project Work Order # 1104K33

Sales Order # _____ PO # _____ Access Quote # _____ Laboratory ID: _____

Company Name: Terry Environmental

Report To: K. Cone

Address: P.O Box 25

City: Sivila State: SC Zip: 29484

Phone: 843-873-8200 Fax:

Email: kcone@terryenvironmental.com

Project ID: 2170E / LC#339

Sampled By: KL

Sample ID/Description	Date Collected:	Time Collected:	Type: (grab or composite)	Matrix: (see codes)	Program: Area (see codes)	Total # of containers	Preservative: (*see codes)	Container Type: (*see codes)	REQUESTED LAB ANALYSES
MW-46	4/21/11	18:00	G	S	SHW	4	6	G	BTEX, Naph (X4)

ACCESS ANALYTICAL, INC.

7478 Carlisle Street
Irmo, SC 29063

Phone: (803) 781-4243
Fax: 781-4303

www.axs-inc.com

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*Preservative Codes (Select appropriate preservative for above analysis field): 0 = None, 1 = HCl, 2 = H_2SO_4, 3 = HNO_3, 4 = NaOH, 5 = $Na_2S_2O_3$, 6 = Methanol (MeOH), 7 = MeOH & H_2SO_4, 8 = MeOH & NaOH, 9 = MeOH/NaOAC, A = H_3PO_4

*Matrix Codes (Select appropriate matrix for above analysis): DW = drinking water, GW = groundwater, WW = wastewater, SW = surface water, S = soil, SD = solid, SL = sludge, A = air, W = wipe, IW = industrial waste, WO = waste oil, OT = other (specify in comments section)

*Program Area Codes: CWA = Clean Water Act (for wastewaters), SDWA = Safe Drinking Water Act (for drinking waters), SHW = Solid and Hazardous Wastes (for soils, ground water and waste samples)

*Container Type: G = Glass, P = Plastic

NOTES / COMMENTS

(if sample is a composite please use space below to note start/finish times & dates)

Turnaround Time:

✓ Standard
___ RUSH*
*Date Required: 5/4/11
(For rush work, results emailed/faxed by end of business day on date required)

Project Location:
X SC
___ NC
___ Other
(specify) _____

Relinquished By:	Received By:	Date (mm-dd-yy)	Time (24HR)	Sample Temp. Upon Receipt (°C):	
K Cone	M. Robertson	4/25/11	1155	1.9 (°C)	___ (N/A)
M Robertson	FedEx	4/25/11	1700	___ (°C)	✓ (N/A)
		4/26/11	11:25	___ (°C)	___ (N/A)
				___ (°C)	___ (N/A)

See Reverse for Terms and Conditions

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Yellow Copy - Access File Copy
Pink Copy - Client Copy

Pg 1 of 1

Analytical Environmental Services, Inc **Date:** 3-May-11

Client:	Terry Environmental	**Client Sample ID:**	MW-46
Project Name:	2170E/LC#339	**Collection Date:**	4/21/2011 6:00:00 PM
Lab ID:	1104K33-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5035)								
Benzene	BRL	3.6		ug/Kg-dry	145765	1	04/29/2011 17:45	JE
Toluene	BRL	3.6		ug/Kg-dry	145765	1	04/29/2011 17:45	JE
Ethylbenzene	BRL	3.6		ug/Kg-dry	145765	1	04/29/2011 17:45	JE
Xylenes, Total	BRL	3.6		ug/Kg-dry	145765	1	04/29/2011 17:45	JE
Naphthalene	BRL	3.6		ug/Kg-dry	145765	1	04/29/2011 17:45	JE
Surr: 4-Bromofluorobenzene	89	56-137		%REC	145765	1	04/29/2011 17:45	JE
Surr: Dibromofluoromethane	92.5	73.7-137		%REC	145765	1	04/29/2011 17:45	JE
Surr: Toluene-d8	95.9	69.2-126		%REC	145765	1	04/29/2011 17:45	JE
PERCENT MOISTURE D2216								
Percent Moisture	21.5	0		wt%	R196050	1	05/02/2011 10:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Access Work Order Number 1104K33

Checklist completed by [signature] 4/26/11
Signature Date

Carrier name: FedEx ✓ UPS __ Courier __ Client __ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (4°C±2)* Yes ✓ No __

Cooler #1 3.3°C Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted ✓ Yes __ No __

Water - pH acceptable upon receipt? Yes __ No __ Not Applicable ✓

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

\L\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample_Cooler_Receipt_Checklist

Analytical Environmental Services, Inc

Date: 3-May-11

Client: Terry Environmental
Project Name: 2170E/LC#339
Workorder: 1104K33

ANALYTICAL QC SUMMARY REPORT

BatchID: 145765

Sample ID: **MB-145765** Client ID: Units: **ug/Kg** Prep Date: **04/29/2011** Run No: **195938**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **145765** Analysis Date: **04/29/2011** Seq No: **4090796**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Naphthalene	BRL	5.0	0	0	0	0	0	0	0	0	
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	
Xylenes, Total	BRL	5.0	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	41.37	0	50	0	82.7	56	137	0	0	0	
Surr: Dibromofluoromethane	53.09	0	50	0	106	73.7	137	0	0	0	
Surr: Toluene-d8	49.18	0	50	0	98.4	69.2	126	0	0	0	

Sample ID: **LCS-145765** Client ID: Units: **ug/Kg** Prep Date: **04/29/2011** Run No: **195938**
SampleType: **LCS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **145765** Analysis Date: **04/29/2011** Seq No: **4090797**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	50.42	5.0	50	0	101	70	130	0	0	0	
Toluene	53.60	5.0	50	0	107	70	130	0	0	0	
Surr: 4-Bromofluorobenzene	45.11	0	50	0	90.2	56	137	0	0	0	
Surr: Dibromofluoromethane	44.11	0	50	0	88.2	73.7	137	0	0	0	
Surr: Toluene-d8	50.03	0	50	0	100	69.2	126	0	0	0	

Sample ID: **1104M89-002AMS** Client ID: Units: **ug/Kg** Prep Date: **04/29/2011** Run No: **195938**
SampleType: **MS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **145765** Analysis Date: **04/29/2011** Seq No: **4090798**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	51.62	5.0	50	0	103	67.4	144	0	0	0	
Toluene	52.97	5.0	50	0	106	64.6	145	0	0	0	
Surr: 4-Bromofluorobenzene	46.01	0	50	0	92	56	137	0	0	0	
Surr: Dibromofluoromethane	43.22	0	50	0	86.4	73.7	137	0	0	0	
Surr: Toluene-d8	48.01	0	50	0	96	69.2	126	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Analytical Environmental Services, Inc

Date: 3-May-11

Client: Terry Environmental
Project Name: 2170E/LC#339
Workorder: 1104K33

ANALYTICAL QC SUMMARY REPORT

BatchID: 145765

Sample ID: **1104M89-002AMSD**	Client ID:				Units: **ug/Kg**		Prep Date: **04/29/2011**		Run No: **195938**	
SampleType: **MSD**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**				BatchID: **145765**		Analysis Date: **04/29/2011**		Seq No: **4090799**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	51.95	5.0	50	0	104	67.4	144	51.62	0.637	27.2	
Toluene	54.23	5.0	50	0	108	64.6	145	52.97	2.35	26.8	
Surr: 4-Bromofluorobenzene	46.22	0	50	0	92.4	56	137	46.01	0	0	
Surr: Dibromofluoromethane	44.27	0	50	0	88.5	73.7	137	43.22	0	0	
Surr: Toluene-d8	48.60	0	50	0	97.2	69.2	126	48.01	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

ACCESS ANALYTICAL, INC.

ANALYTICAL REPORT

CLIENT

Terry Environmental
PO Box 25
Summerville SC 29484

ATTENTION
Kelly Cone

PROJECT ID
Fr. Lil Cricket #339 2170E

LABORATORY REPORT NUMBER
1104M29

DATE
May 04, 2011

Primary Data Review By

Nicole Jessup

Project Manager, AES

Secondary Data Review By

Ashley Amick

Project Manager, Access Analytical
aamick@axs-inc.com

PLEASE NOTE:

- **Unless otherwise noted, all analysis on this report performed at Analytical Environmental Services Inc. (AES Inc), 3785 Presidential Parkway, Atlanta, GA 30340.**
- **AES is SCDHEC certified laboratory # 98016, NCDENR certified lab # 562, GA certified lab # FL-E87582, NELAP certified laboratory # E87582**
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LAB USE ONLY

Access Analytical - Chain of Custody Record

LAB USE ONLY 1104M29

Project Work Order # ____ PO # ____ Access Quote # ____ Laboratory ID: [illegible]

ACCESS ANALYTICAL, INC.

7478 Carlisle Street
Irmo, SC 29063

Phone: (803) 781-4243
Fax: 781-4303

www.axs-inc.com

Page 2 of 6

Company Name: TERRY Environmental

Report To: Kelly Cone

Address: PO Box 25

City: Summerville State: SC Zip: 29483

Phone: 843-873-8200 Fax:

Email: KCone@Terryenvironmental.com

Project ID: Fr. Lil Cricket # 339 2170E

Sampled By: LO

Preservative (Code): 6

Container Type (Code): G

Requested Lab Analyses: BTEX, Naph

[illegible: shaded box of preservative, matrix, program area and container type codes]

Sample ID/Description	Date Collected	Time Collected	Type (grab or composite)	Matrix	Program Area	Total # of containers	BTEX, Naph	NOTES / COMMENTS (if sample is a composite please use space below to note start/finish times & dates)
DW-11	4/26/11	1300	grab	S	SHW	4	4	

Turnaround Time:
X Standard
___ RUSH*
*Date Required: 5/6/11
(For rush work, results emailed/faxed by end of business day on date required)

Project Location:
X SC
___ NC
___ Other
(specify) ________

Relinquished By:	Received By:	Date (mm-dd-yy)	Time (24HR)	Sample Temp. Upon Receipt (°C):	
[illegible signature]	[illegible signature]	4-27-11	1347	3.9 (°C)	(N/A)
[illegible signature]	[illegible signature]	4-27-11	1700	(°C)	Ø (N/A)
	[illegible signature]	4/28/11	10:55	(°C)	(N/A)
				(°C)	(N/A)

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Pg 1 of 1

Analytical Environmental Services, Inc **Date:** 4-May-11

Client:	Terry Environmental	**Client Sample ID:**	DW-11
Project Name:	Fr. Lil Cricket #339 2170E	**Collection Date:**	4/26/2011 1:00:00 PM
Lab ID:	1104M29-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5035)								
Benzene	BRL	5.8		ug/Kg-dry	145765	1	05/02/2011 17:45	JE
Toluene	BRL	5.8		ug/Kg-dry	145765	1	05/02/2011 17:45	JE
Ethylbenzene	BRL	5.8		ug/Kg-dry	145765	1	05/02/2011 17:45	JE
Xylenes, Total	BRL	5.8		ug/Kg-dry	145765	1	05/02/2011 17:45	JE
Naphthalene	BRL	5.8		ug/Kg-dry	145765	1	05/02/2011 17:45	JE
Surr: 4-Bromofluorobenzene	92.3	56-137		%REC	145765	1	05/02/2011 17:45	JE
Surr: Dibromofluoromethane	81.4	73.7-137		%REC	145765	1	05/02/2011 17:45	JE
Surr: Toluene-d8	94.1	69.2-126		%REC	145765	1	05/02/2011 17:45	JE
PERCENT MOISTURE D2216								
Percent Moisture	30.5	0		wt%	R196254	1	05/04/2011 10:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Access Work Order Number 1104M29

Checklist completed by [signature] 4/28/11
Signature Date

Carrier name: FedEx ✓ UPS __ Courier __ Client __ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (4°C±2)* Yes ✓ No __

Cooler #1 3.0 Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted ✓ Yes __ No __

Water - pH acceptable upon receipt? Yes __ No __ Not Applicable ✓

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

\L\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample_Cooler_Receipt_Checklist

Analytical Environmental Services, Inc

Date: 4-May-11

Client: Terry Environmental
Project Name: Fr. Lil Cricket #339 2170E
Workorder: 1104M29

ANALYTICAL QC SUMMARY REPORT

BatchID: 145765

Sample ID: **MB-145765** Client ID: Units: **ug/Kg** Prep Date: **04/29/2011** Run No: **195938**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **145765** Analysis Date: **04/29/2011** Seq No: **4090796**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Naphthalene	BRL	5.0	0	0	0	0	0	0	0	0	
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	
Xylenes, Total	BRL	5.0	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	41.37	0	50	0	82.7	56	137	0	0	0	
Surr: Dibromofluoromethane	53.09	0	50	0	106	73.7	137	0	0	0	
Surr: Toluene-d8	49.18	0	50	0	98.4	69.2	126	0	0	0	

Sample ID: **LCS-145765** Client ID: Units: **ug/Kg** Prep Date: **04/29/2011** Run No: **195938**
SampleType: **LCS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **145765** Analysis Date: **04/29/2011** Seq No: **4090797**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	50.42	5.0	50	0	101	70	130	0	0	0	
Toluene	53.60	5.0	50	0	107	70	130	0	0	0	
Surr: 4-Bromofluorobenzene	45.11	0	50	0	90.2	56	137	0	0	0	
Surr: Dibromofluoromethane	44.11	0	50	0	88.2	73.7	137	0	0	0	
Surr: Toluene-d8	50.03	0	50	0	100	69.2	126	0	0	0	

Sample ID: **1104M89-002AMS** Client ID: Units: **ug/Kg-dry** Prep Date: **04/29/2011** Run No: **195938**
SampleType: **MS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **145765** Analysis Date: **04/29/2011** Seq No: **4090798**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	60.38	5.8	58.48	0	103	67.4	144	0	0	0	
Toluene	61.96	5.8	58.48	0	106	64.6	145	0	0	0	
Surr: 4-Bromofluorobenzene	53.82	0	58.48	0	92	56	137	0	0	0	
Surr: Dibromofluoromethane	50.55	0	58.48	0	86.4	73.7	137	0	0	0	
Surr: Toluene-d8	56.16	0	58.48	0	96	69.2	126	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Analytical Environmental Services, Inc

Date: 4-May-11

Client: Terry Environmental
Project Name: Fr. Lil Cricket #339 2170E
Workorder: 1104M29

ANALYTICAL QC SUMMARY REPORT

BatchID: 145765

Sample ID: **1104M89-002AMSD**	Client ID:				Units: **ug/Kg-dry**		Prep Date: **04/29/2011**		Run No: **195938**	
SampleType: **MSD**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**				BatchID: **145765**		Analysis Date: **04/29/2011**		Seq No: **4090799**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	60.76	5.8	58.48	0	104	67.4	144	60.38	0.637	27.2	
Toluene	63.43	5.8	58.48	0	108	64.6	145	61.96	2.35	26.8	
Surr: 4-Bromofluorobenzene	54.06	0	58.48	0	92.4	56	137	53.82	0	0	
Surr: Dibromofluoromethane	51.78	0	58.48	0	88.5	73.7	137	50.55	0	0	
Surr: Toluene-d8	56.85	0	58.48	0	97.2	69.2	126	56.16	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

ACCESS ANALYTICAL, INC.

ANALYTICAL REPORT

CLIENT

Terry Environmental
PO Box 25
Summerville SC 29484

ATTENTION
Kelly Cone

PROJECT ID
Former Lil Cricket # 339/2170E

LABORATORY REPORT NUMBER
1105702

DATE
May 16, 2011

Primary Data Review By

Nicole Jessup

Project Manager, AES

Secondary Data Review By

Ashley Amick

Project Manager, Access Analytical
aamick@axs-inc.com

PLEASE NOTE:

- **Unless otherwise noted, all analysis on this report performed at Analytical Environmental Services Inc. (AES Inc), 3785 Presidential Parkway, Atlanta, GA 30340.**
- **AES is SCDHEC certified laboratory # 98016, NCDENR certified lab # 562, GA certified lab # FL-E87582, NELAP certified laboratory # E87582**
- Local support services for this project are provided by Access Analytical, Inc. Access Analytical is a representative of AES serving client in the SC/NC/GA areas. All questions regarding this report should be directed to your local Access Analytical representative at 803.781.4243 or toll fee at 883.315.4243

Access Analytical - Chain of Custody Record

LAB USE ONLY

Sales Order #: _____ PO #: _____ Access Quote #: _____

Project Work Order #: 110502

Laboratory ID: AAS

Company Name: Terry Environmental

Report To: Kelly Cone

Address: PO Box 25

City: Summerville State: SC Zip: 29484

Phone: (843) 873-8200 Fax:

Email: kcone@terryenvironmental.com

Project ID: Former Li'l cricket #339/2170E

Sampled By: KL

Sample ID/Description	Date Collected	Time Collected	Type: (grab or composite)	Matrix (see codes)	Program: Area (see codes)	TOTAL # of containers	Preservative (*see codes)	Container Type (*see codes)	BTEX + Naph									
							6	4										
MW-44	5/4/11	1445	G	S	SHW	4			4									
MW-45	5/4/11	1300	G	S	SHW	4			4									
MW-47	5/4/11	1030	G	S	SHW	4			4									

ACCESS ANALYTICAL, INC.

7478 Carlisle Street
Irmo, SC 29063

Phone: (803) 781-4243
Fax: 781-4303

www.axs-inc.com

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*Matrix (Soil/Solid, GW = Groundwater, WW = Wastewater, DW = Drinking Water, SL = Sludge, Sol = Solvent, WP = Wipe, A = Air, O = Other) (specify in comments section)

*Program: UST = Underground Storage Tank, RCRA = Resource Conservation Recovery Act, CWA = Clean Water Act (for wastewater), SDWA = Safe Drinking Water Act (for drinking water), NPDES = Sludge and Hazardous Wastes (for soils, product wastes and waste samples)

*Container Type: S = Glass, P = Plastic

NOTES / COMMENTS

(if sample is a composite please use space below to note start/finish times & dates)

Turnaround Time:

___Standard
✓RUSH*
*Date Required: 5/13/11
(For rush work, results emailed/faxed by end of business day on date required)

Project Location:
✓SC
___NC
___Other
(specify) _____

Relinquished By:	Received By:	Date (mm-dd-yy)	Time (24-HR)	Sample Temp. Upon Receipt (°C):	
	Amanda	5/6/11	1345	2.6 (°C)	___(N/A)
	Tracy	5/6/11	1700	___(°C)	X (N/A)
	MJ	5/6/11	10:15	___(°C)	___(N/A)
				___(°C)	___(N/A)

See Reverse for Terms and Conditions

Original Copy - Returned w/Report
Yellow Copy - Access File Copy
Pink Copy - Client Copy

Pg 1 of 1

ACCESS
ANALYTICAL, INC.

Sample Receipt Checklist

Checklist Completed By: MM Date: 5/6/11

Client: TGRM ENV Project: 1i1 CRICKET #355 (Soil Filter)

Receiving Laboratory Facility(s): AES

Sample Conditions:

■ Samples received in good condition (unbroken and not leaking)?	Yes ✓	No___*	
■ Sample temperatures in compliance (4° C +/- 2)?	Yes ✓	No___*	
■ Sample temperatures recorded on Chain of Custody?	Yes ✓	No___*	
■ Custody seals intact on bottles?	Yes___	No___*	Not Present ✓
■ Chain of Custody Present & Completed Properly?	Yes ✓	No___*	
■ Chain of Custody and Sample Bottle Labels Correlate?	Yes ✓	No___*	
■ Sufficient Sample Volumes Received for Requested Tests?	Yes ✓	No___*	
■ Samples collected in proper containers w/correct preservatives?	Yes ✓	No___*	
■ Samples received within holding time?	Yes ✓	No___*	
■ VOC vials have zero headspace (WATERS ONLY)	Yes ✓	No___*	N/A___

*Corrective action(s) taken for items indicated as "No" (if any):

Name of client and date contacted (if applicable):

Notes for Receiving Lab:

Analytical Environmental Services, Inc **Date:** 16-May-11

Client:	Terry Environmental	**Client Sample ID:**	MW-44
Project Name:	Former Lil Cricket # 339/2170E	**Collection Date:**	5/4/2011 2:45:00 PM
Lab ID:	1105702-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5035)								
Benzene	BRL	2.7		ug/Kg-dry	146426	1	05/13/2011 22:56	JE
Toluene	BRL	2.7		ug/Kg-dry	146426	1	05/13/2011 22:56	JE
Ethylbenzene	BRL	2.7		ug/Kg-dry	146426	1	05/13/2011 22:56	JE
Xylenes, Total	BRL	2.7		ug/Kg-dry	146426	1	05/13/2011 22:56	JE
Naphthalene	BRL	2.7		ug/Kg-dry	146426	1	05/13/2011 22:56	JE
Surr: 4-Bromofluorobenzene	90	56-137		%REC	146426	1	05/13/2011 22:56	JE
Surr: Dibromofluoromethane	128	73.7-137		%REC	146426	1	05/13/2011 22:56	JE
Surr: Toluene-d8	103	69.2-126		%REC	146426	1	05/13/2011 22:56	JE
PERCENT MOISTURE D2216								
Percent Moisture	6.42	0		wt%	R197028	1	05/13/2011 10:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 16-May-11

Client:	Terry Environmental	**Client Sample ID:**	MW-45
Project Name:	Former Lil Cricket # 339/2170E	**Collection Date:**	5/4/2011 1:00:00 PM
Lab ID:	1105702-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5035)								
Benzene	BRL	3.5		ug/Kg-dry	146426	1	05/13/2011 23:21	JE
Toluene	BRL	3.5		ug/Kg-dry	146426	1	05/13/2011 23:21	JE
Ethylbenzene	BRL	3.5		ug/Kg-dry	146426	1	05/13/2011 23:21	JE
Xylenes, Total	BRL	3.5		ug/Kg-dry	146426	1	05/13/2011 23:21	JE
Naphthalene	BRL	3.5		ug/Kg-dry	146426	1	05/13/2011 23:21	JE
Surr: 4-Bromofluorobenzene	88.4	56-137		%REC	146426	1	05/13/2011 23:21	JE
Surr: Dibromofluoromethane	133	73.7-137		%REC	146426	1	05/13/2011 23:21	JE
Surr: Toluene-d8	105	69.2-126		%REC	146426	1	05/13/2011 23:21	JE
PERCENT MOISTURE D2216								
Percent Moisture	17.2	0		wt%	R197028	1	05/13/2011 10:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 16-May-11

Client:	Terry Environmental	**Client Sample ID:**	MW-47
Project Name:	Former Lil Cricket # 339/2170E	**Collection Date:**	5/4/2011 10:30:00 AM
Lab ID:	1105702-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5035)								
Benzene	BRL	3.4		ug/Kg-dry	146426	1	05/13/2011 22:30	JE
Toluene	BRL	3.4		ug/Kg-dry	146426	1	05/13/2011 22:30	JE
Ethylbenzene	BRL	3.4		ug/Kg-dry	146426	1	05/13/2011 22:30	JE
Xylenes, Total	BRL	3.4		ug/Kg-dry	146426	1	05/13/2011 22:30	JE
Naphthalene	BRL	3.4		ug/Kg-dry	146426	1	05/13/2011 22:30	JE
Surr: 4-Bromofluorobenzene	90.7	56-137		%REC	146426	1	05/13/2011 22:30	JE
Surr: Dibromofluoromethane	128	73.7-137		%REC	146426	1	05/13/2011 22:30	JE
Surr: Toluene-d8	106	69.2-126		%REC	146426	1	05/13/2011 22:30	JE
PERCENT MOISTURE D2216								
Percent Moisture	19.6	0		wt%	R197028	1	05/13/2011 10:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Access Work Order Number 1105702

Checklist completed by PLS 5/10/11
Signature Date

Carrier name: FedEx ✓ UPS __ Courier __ Client __ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (4°C±2)* Yes ✓ No __

Cooler #1 4-9°C Cooler #2 3.8°C Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted ✓ Yes __ No __

Water - pH acceptable upon receipt? Yes __ No __ Not Applicable ✓

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

\L\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample_Cooler_Receipt_Checklist

Analytical Environmental Services, Inc

Date: 16-May-11

Client: Terry Environmental
Project Name: Former Lil Cricket # 339/2170E
Workorder: 1105702

ANALYTICAL QC SUMMARY REPORT

BatchID: 146426

Sample ID: **MB-146426** Client ID: Units: **ug/Kg** Prep Date: **05/13/2011** Run No: **197099**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **146426** Analysis Date: **05/13/2011** Seq No: **4114166**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Naphthalene	BRL	5.0	0	0	0	0	0	0	0	0	
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	
Xylenes, Total	BRL	5.0	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	43.44	0	50	0	86.9	56	137	0	0	0	
Surr: Dibromofluoromethane	57.71	0	50	0	115	73.7	137	0	0	0	
Surr: Toluene-d8	48.09	0	50	0	96.2	69.2	126	0	0	0	

Sample ID: **LCS-146426** Client ID: Units: **ug/Kg** Prep Date: **05/13/2011** Run No: **197099**
SampleType: **LCS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **146426** Analysis Date: **05/13/2011** Seq No: **4114169**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	62.37	5.0	50	0	125	70	130	0	0	0	
Toluene	62.27	5.0	50	0	125	70	130	0	0	0	
Surr: 4-Bromofluorobenzene	62.71	0	50	0	125	56	137	0	0	0	
Surr: Dibromofluoromethane	54.27	0	50	0	109	73.7	137	0	0	0	
Surr: Toluene-d8	56.24	0	50	0	112	69.2	126	0	0	0	

Sample ID: **1105485-018AMS** Client ID: Units: **ug/Kg-dry** Prep Date: **05/13/2011** Run No: **197099**
SampleType: **MS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **146426** Analysis Date: **05/13/2011** Seq No: **4114172**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	72.95	5.7	57.02	0	128	67.4	144	0	0	0	
Toluene	73.45	5.7	57.02	0	129	64.6	145	0	0	0	
Surr: 4-Bromofluorobenzene	67.57	0	57.02	0	119	56	137	0	0	0	
Surr: Dibromofluoromethane	62.10	0	57.02	0	109	73.7	137	0	0	0	
Surr: Toluene-d8	61.54	0	57.02	0	108	69.2	126	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Analytical Environmental Services, Inc

Date: 16-May-11

Client: Terry Environmental
Project Name: Former Lil Cricket # 339/2170E
Workorder: 1105702

ANALYTICAL QC SUMMARY REPORT

BatchID: 146426

Sample ID: **1105485-018AMSD**	Client ID:				Units: **ug/Kg-dry**		Prep Date: **05/13/2011**		Run No: **197099**	
SampleType: **MSD**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**				BatchID: **146426**		Analysis Date: **05/13/2011**		Seq No: **4114175**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit Qual
Benzene	72.35	5.7	57.02	0	127	67.4	144	72.95	0.816	27.2
Toluene	71.65	5.7	57.02	0	126	64.6	145	73.45	2.48	26.8
Surr: 4-Bromofluorobenzene	65.81	0	57.02	0	115	56	137	67.57	0	0
Surr: Dibromofluoromethane	59.80	0	57.02	0	105	73.7	137	62.10	0	0
Surr: Toluene-d8	63.42	0	57.02	0	111	69.2	126	61.54	0	0

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

APPENDIX 8

Groundwater Sampling Logs

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information	
Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/25/11
Field Personnel	KL, LO
General Weather	Overcast
Ambient Air Temperature	55°F

Monitoring Well Information			
Well ID	mw-3		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	37.55	ft	
Total Well Depth	53.70	ft	
Depth to Groundwater	38.78	ft	
Length of Water Column	14.92	ft	
1 Casing Volume (0.163)		gals	
3 Casing Volumes (0.489)		gals	
Total Volume Purged		gals	53.70

Quality Assurance			
pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Volume (gal)	—										
Time	0745										
pH (su)	6.19										
Spec Conductivity	192										
Water Temperature	20.8										
Turbidity (subjective)	2										
Dissolved Oxygen (mg/L)	1.6										

Well Condition Information	
-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments
Petro odor, sheen

Groundwater Sampling Log

TERRY Environmental Services — CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/25/11
Field Personnel	KL, LD
General Weather	P. Cloudy
Ambient Air Temperature	60°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-5R	
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates	
Well Diameter	2	in
Screened Interval	50-60	ft
Total Well Depth	59.60	ft
Depth to Groundwater	38.63	ft
Length of Water Column	20.97	ft
1 Casing Volume (0.163)	3.42	gals
3 Casing Volumes (0.489)	10.26	gals
Total Volume Purged	8	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

59.60

Volume (gal)	4.0	8.0		
Time	0945	0950		
pH (su)	7.22	7.36		
Spec Conductivity	5.85	609		Dry - Sample taken
Water Temperature	21.4	21.2		
Turbidity (subjective)	1	3		
Dissolved Oxygen (mg/L)	1.1	0.6		

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

dry @ 8.0 gallons

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/28/11
Field Personnel	KL, LO
General Weather	Overcast
Ambient Air Temperature	55 °F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-9	
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates	
Well Diameter	2	in
Screened Interval	45-55	ft
Total Well Depth	54.75	ft
Depth to Groundwater	37.05	ft
Length of Water Column	17.70	ft
1 Casing Volume (0.163)	2.89	gals
3 Casing Volumes (0.489)	8.67	gals
Total Volume Purged	9	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

54.75

Volume (gal)	3	6	9								
Time	0745	0748	0755								
pH (su)	6.86	6.75	6.68								
Spec Conductivity	777	811	776								
Water Temperature	21.3	21.4	26.9								
Turbidity (subjective)	2	2	2								
Dissolved Oxygen (mg/L)	1.9	1.7	1.0								

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services
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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/24/11
Field Personnel	KL, LO
General Weather	Overcast
Ambient Air Temperature	55 °F

Monitoring Well Information

Well ID	MW-10		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	42-52	ft	
Total Well Depth	52.10	ft	
Depth to Groundwater	41.49	ft	
Length of Water Column	10.61	ft	
1 Casing Volume (0.163)	~~1.73~~	gals	
3 Casing Volumes (0.489)	~~5.19~~	gals	52.10
Total Volume Purged		gals	

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Volume (gal)	X										
Time	1750										
pH (su)	6.18										
Spec Conductivity	410										
Water Temperature	19.9										
Turbidity (subjective)	1										
Dissolved Oxygen (mg/L)	1.7										

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	↓
-well pad acceptable?	↓
-area safe?	↓
-other comments	

Additional Comments

* NO purge * Request Sample below product
Product from 41.47 - 41.49 = 0.02, yellow color
* Took picture

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/24/11
Field Personnel	KL WO
General Weather	cloudy
Ambient Air Temperature	50°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-11		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	40-30	ft	
Total Well Depth	48.85	ft	
Depth to Groundwater	40.65	ft	
Length of Water Column	8.20	ft	48.85
1 Casing Volume (0.163)		gals	
3 Casing Volumes (0.489)		gals	
Total Volume Purged		gals	

Volume (gal)	-										
Time	0720										
pH (su)	5.59										
Spec Conductivity	78.5										
Water Temperature	19.2										
Turbidity (subjective)	2										
Dissolved Oxygen (mg/L)	1.7										

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	"
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	"
-other comments	

Additional Comments

none

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/24/11
Field Personnel	KL, LD
General Weather	Cloudy
Ambient Air Temperature	30°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-12		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	40-30	ft	
Total Well Depth	48.50	ft	
Depth to Groundwater	43.86	ft	
Length of Water Column	5.64	ft	48.50
1 Casing Volume (0.163)		gals	
3 Casing Volumes (0.489)		gals	
Total Volume Purged		gals	

Volume (gal)	–										
Time	0736										
pH (su)	5.48										
Spec Conductivity	106.7										
Water Temperature	20.6										
Turbidity (subjective)	3										
Dissolved Oxygen (mg/L)	1.5										

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

none

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/24/11
Field Personnel	KL, LO
General Weather	Cloudy
Ambient Air Temperature	50°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-13		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	40 - 50	ft	
Total Well Depth	49.95	ft	49.95
Depth to Groundwater	42.93	ft	
Length of Water Column	7.02	ft	
1 Casing Volume (0.163)		gals	
3 Casing Volumes (0.489)		gals	
Total Volume Purged		gals	

Volume (gal)	–										
Time	0735										
pH (su)	5.95										
Spec Conductivity	265										
Water Temperature	20.4										
Turbidity (subjective)	1										
Dissolved Oxygen (mg/L)	1.3										

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	Y
-other comments	

Additional Comments

Slight Petro Odor

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/24/11
Field Personnel	KL, WB
General Weather	Clear
Ambient Air Temperature	58°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-14		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	43-53	ft	
Total Well Depth	54.85	ft	
Depth to Groundwater	47.29	ft	
Length of Water Column	7.56	ft	
1 Casing Volume (0.163)		gals	
3 Casing Volumes (0.489)		gals	
Total Volume Purged		gals	54.85

Volume (gal)	—										
Time	0745										
pH (su)	5.41										
Spec Conductivity	87.1										
Water Temperature	19.9										
Turbidity (subjective)	3										
Dissolved Oxygen (mg/L)	1.4										

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

None

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/24/11
Field Personnel	KL, WD
General Weather	P- Cloudy
Ambient Air Temperature	66°F

Monitoring Well Information

Well ID	MW-15		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	40-50	ft	
Total Well Depth	50.00	ft	
Depth to Groundwater	44.64	ft	
Length of Water Column	5.36	ft	
1 Casing Volume (0.163)	\	gals	
3 Casing Volumes (0.489)	\	gals	
Total Volume Purged	\	gals	50.00

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Volume (gal)	—									
Time	1600									
pH (su)	6.26									
Spec Conductivity	252									
Water Temperature	20.5									
Turbidity (subjective)	1									
Dissolved Oxygen (mg/L)	1.1									

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	↓
-well pad acceptable?	↓
-area safe?	↓
-other comments	

Additional Comments

Petro odor

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/25/11
Field Personnel	KC, LD
General Weather	P. cloudy
Ambient Air Temperature	55°F

Monitoring Well Information

Well ID	MW-16		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	48-55	ft	
Total Well Depth	54.88	ft	
Depth to Groundwater	39.09	ft	
Length of Water Column	15.79	ft	39.09
1 Casing Volume (0.163)	2.57	gals	
3 Casing Volumes (0.489)	7.72	gals	
Total Volume Purged	9.0	gals	

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Volume (gal)	3.0	6.0	9.0							
Time	833	838	0850							
pH (su)	6.10	6.09	6.05							
Spec Conductivity	228	222	215							
Water Temperature	21.4	21.3	20.9							
Turbidity (subjective)	2	2	2							
Dissolved Oxygen (mg/L)	0.7	0.7	0.7							

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

DH2O odor

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/5/11
Field Personnel	KL LO
General Weather	P. Cloudy
Ambient Air Temperature	55°F

Monitoring Well Information

Well ID	MW-17		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	40-55	ft	
Total Well Depth	54.90	ft	
Depth to Groundwater	38.29	ft	
Length of Water Column	16.61	ft	
1 Casing Volume (0.163)	2.71	gals	
3 Casing Volumes (0.489)	8.13	gals	
Total Volume Purged	9.0	gals	54.90

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Volume (gal)	3.0	6.0	9.0							
Time	0842	0859	0925							
pH (su)	6.03	6.09	6.05							
Spec Conductivity	226	223	218							
Water Temperature	21.4	21.1	21.5							
Turbidity (subjective)	2	2	1							
Dissolved Oxygen (mg/L)	0.6	1.1	1.0							

Well Condition Information

-overall well condition acceptable?	yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Petro odor, sheen

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/25/11
Field Personnel	KL, MD
General Weather	P. cloudy
Ambient Air Temperature	55°F

Monitoring Well Information

Well ID	MW-18		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	35-50	ft	
Total Well Depth	49.83	ft	
Depth to Groundwater	37.93	ft	
Length of Water Column	11.90	ft	
1 Casing Volume (0.163)		gals	
3 Casing Volumes (0.489)		gals	49.83
Total Volume Purged		gals	

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Volume (gal)	–									
Time	0815									
pH (su)	6.15									
Spec Conductivity	329									
Water Temperature	20.5									
Turbidity (subjective)	1									
Dissolved Oxygen (mg/L)	1.9									

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Pchc odor

Groundwater Sampling Log

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Site Specific Information	
Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/25/11
Field Personnel	KL, LO
General Weather	Overcast
Ambient Air Temperature	55°F

Monitoring Well Information			
Well ID	MW-19		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	28-53	ft	
Total Well Depth	53.15	ft	
Depth to Groundwater	37.32	ft	
Length of Water Column	15.83	ft	
1 Casing Volume (0.163)	2.58	gals	
3 Casing Volumes (0.489)	7.75	gals	
Total Volume Purged	0.75	gals	53.15

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Volume (gal)	~~0.75~~									
Time	~~0705~~									
pH (su)										
Spec Conductivity			Product, no Samples taken							
Water Temperature										
Turbidity (subjective)										
Dissolved Oxygen (mg/L)										

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

* bail 0.75 gallons, Yellow/orange product ≈0.05" inch thick, picture
- Call Randy, no Sample to be taken

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/25/11
Field Personnel	KL, LD
General Weather	Overcast
Ambient Air Temperature	55°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-20
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates

Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	35-50	ft	
Total Well Depth	-	ft	
Depth to Groundwater	40.32	ft	
Length of Water Column		ft	
1 Casing Volume (0.163)		gals	
3 Casing Volumes (0.489)		gals	
Total Volume Purged		gals	

Volume (gal)	-									
Time	~~0920~~									
pH (su)										
Spec Conductivity		Product, no Samples taken								
Water Temperature										
Turbidity (subjective)										
Dissolved Oxygen (mg/L)										

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	↓
-well pad acceptable?	↓
-area safe?	↓
-other comments	

Additional Comments

* Product 40.25 – 40.32 = 0.07', yellow, picture taken

- well Ready, no Sample to be taken

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/25/11
Field Personnel	KL, LO
General Weather	Sunny
Ambient Air Temperature	60°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-21	
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates	
Well Diameter	2	in
Screened Interval	40-55	ft
Total Well Depth	54.95	ft
Depth to Groundwater	48.61	ft
Length of Water Column	6.34	ft
1 Casing Volume (0.163)		gals
3 Casing Volumes (0.489)		gals
Total Volume Purged		gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

54.95

Volume (gal)	~										
Time	1040										
pH (su)	5.99										
Spec Conductivity	43.1										
Water Temperature	26.5										
Turbidity (subjective)	3										
Dissolved Oxygen (mg/L)	2.4										

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

None

Groundwater Sampling Log

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Site Specific Information	
Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/24/11
Field Personnel	KL, LO
General Weather	Cloudy
Ambient Air Temperature	55°F

Monitoring Well Information		
Well ID	MW-22	
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates	
Well Diameter	2	in
Screened Interval	40-55	ft
Total Well Depth	54.85	ft
Depth to Groundwater	47.74	ft
Length of Water Column	7.11	ft
1 Casing Volume (0.163)		gals
3 Casing Volumes (0.489)		gals
Total Volume Purged		gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

54.85

Quality Assurance			
pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Volume (gal)	-										
Time	1315										
pH (su)	8.82										
Spec Conductivity	216										
Water Temperature	19.4										
Turbidity (subjective)	2										
Dissolved Oxygen (mg/L)	1.2										

Well Condition Information	
-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments
none

Groundwater Sampling Log

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Site Specific Information	
Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/24/11
Field Personnel	KL, WO
General Weather	Cloudy
Ambient Air Temperature	60°F

Monitoring Well Information			
Well ID	MW-23		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	48-35	ft	
Total Well Depth	54.91	ft	
Depth to Groundwater	48.38	ft	
Length of Water Column	6.53	ft	
1 Casing Volume (0.163)	/	gals	
3 Casing Volumes (0.489)	/	gals	
Total Volume Purged	/	gals	54.91

Quality Assurance			
pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Volume (gal)	—										
Time	1355										
pH (su)	6.64										
Spec Conductivity	223										
Water Temperature	19.8										
Turbidity (subjective)	2										
Dissolved Oxygen (mg/L)	1.4										

Well Condition Information	
-overall well condition acceptable?	yes
-well cap acceptable?	↓
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments
none

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/24/11
Field Personnel	KL LO
General Weather	Cloudy
Ambient Air Temperature	60°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-24		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	40 - 55	ft	
Total Well Depth	54.82	ft	
Depth to Groundwater	48.32	ft	
Length of Water Column	6.50	ft	
1 Casing Volume (0.163)		gals	
3 Casing Volumes (0.489)		gals	
Total Volume Purged		gals	54.82

Volume (gal)	–										
Time	1416										
pH (su)	6.22										
Spec Conductivity	339										
Water Temperature	19.3										
Turbidity (subjective)	2										
Dissolved Oxygen (mg/L)	1.4										

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	√
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	√
-other comments	

Additional Comments

Petro Odor

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/04/11
Field Personnel	KL, LO
General Weather	Overcast
Ambient Air Temperature	55°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-25		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	39-54	ft	
Total Well Depth	53.30	ft	
Depth to Groundwater	46.31	ft	
Length of Water Column	6.99	ft	
1 Casing Volume (0.163)		gals	
3 Casing Volumes (0.489)		gals	53.30
Total Volume Purged		gals	

Volume (gal)	—										
Time	1426										
pH (su)	5.99										
Spec Conductivity	246										
Water Temperature	19.4										
Turbidity (subjective)	2										
Dissolved Oxygen (mg/L)	1.0										

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	↓
-well pad acceptable?	↓
-area safe?	↓
-other comments	

Additional Comments

Petro Odor

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/24/11
Field Personnel	VL, LO
General Weather	p. cloudy
Ambient Air Temperature	66°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-26	
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates	
Well Diameter	2	in
Screened Interval	37-52	ft
Total Well Depth	51.35	ft
Depth to Groundwater	44.06	ft
Length of Water Column	7.29	ft
1 Casing Volume (0.163)		gals
3 Casing Volumes (0.489)		gals
Total Volume Purged		gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

51.35

Volume (gal)	~										
Time	1510										
pH (su)	6.19										
Spec Conductivity	532										
Water Temperature	19.8										
Turbidity (subjective)	2										
Dissolved Oxygen (mg/L)	1.2										

Well Condition Information

-overall well condition acceptable?	yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Ratio 0.20V

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/24/11
Field Personnel	KL, CO
General Weather	P. Cloudy
Ambient Air Temperature	60°F

Monitoring Well Information

Well ID	MW-27		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	40.55	ft	
Total Well Depth	54.29	ft	
Depth to Groundwater	45.99	ft	
Length of Water Column	8.30	ft	
1 Casing Volume (0.163)		gals	
3 Casing Volumes (0.489)		gals	
Total Volume Purged		gals	54.29

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Volume (gal)	–									
Time	1515									
pH (su)	6.51									
Spec Conductivity	238									
Water Temperature	26.2									
Turbidity (subjective)	2									
Dissolved Oxygen (mg/L)	1.3									

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Petro Odor

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Site Specific Information	
Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/24/11
Field Personnel	KL, LO
General Weather	P. Cloudy
Ambient Air Temperature	60°F

Monitoring Well Information		
Well ID	MW-23	
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates	
Well Diameter	2	in
Screened Interval	40-55	ft
Total Well Depth	54.87	ft
Depth to Groundwater	48.28	ft
Length of Water Column	6.59	ft
1 Casing Volume (0.163)		gals
3 Casing Volumes (0.489)		gals
Total Volume Purged		gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

54.87

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Volume (gal)	-										
Time	1446										
pH (su)	5.69										
Spec Conductivity	182.8										
Water Temperature	20.4										
Turbidity (subjective)	2										
Dissolved Oxygen (mg/L)	1.5										

Well Condition Information	
-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments
None

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/25/11
Field Personnel	KL, LO
General Weather	Sunny
Ambient Air Temperature	60°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-29		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	40-55	ft	
Total Well Depth	55.30	ft	
Depth to Groundwater	46.96	ft	
Length of Water Column	8.34	ft	55.30
1 Casing Volume (0.163)	\	gals	
3 Casing Volumes (0.489)	\	gals	
Total Volume Purged		gals	

Volume (gal)	—										
Time	1010										
pH (su)	6.35										
Spec Conductivity	324										
Water Temperature	20.9										
Turbidity (subjective)	1										
Dissolved Oxygen (mg/L)	1.3										

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	|
-manhole and cover acceptable?	|
-well pad acceptable?	|
-area safe?	V
-other comments	

Additional Comments

Slight petro odor

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Site Specific Information	
Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/25/11
Field Personnel	KL, CO
General Weather	P. Cloudy
Ambient Air Temperature	60°F

Quality Assurance			
pH Meter	Oakton	Conductivity Meter	Oakton
Serial Number	73168	Serial Number	73168
Calibration Constant	4.01	Calibration Constant	447 µS
Calibration Constant	7.00	Calibration Constant	1413 µS
Calibration Constant	10.00	Calibration Constant	

Monitoring Well Information		
Well ID	MW-30	
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates	
Well Diameter	2	in
Screened Interval	45-60	ft
Total Well Depth	60.30	ft
Depth to Groundwater	39.18	ft
Length of Water Column	21.12	ft
1 Casing Volume (0.163)	3.44	gals
3 Casing Volumes (0.489)	10.32	gals
Total Volume Purged	10	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

60.30

Volume (gal)	4.0	8.0	10								
Time	1015	1018	1025								
pH (su)	5.97	6.17	6.63								
Spec Conductivity	284	271	425								
Water Temperature	21.3	21.3	22.2								
Turbidity (subjective)	3	3	3								
Dissolved Oxygen (mg/L)	1.0	0.7	1.3								

Well Condition Information	
-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

dry @ 10 gallons

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/28/11
Field Personnel	KL, WO
General Weather	Sunny
Ambient Air Temperature	65°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-31	
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates	
Well Diameter	2	in
Screened Interval	26-41	ft
Total Well Depth	40.26	ft
Depth to Groundwater	31.98	ft
Length of Water Column	8.28	ft
1 Casing Volume (0.163)	\	gals
3 Casing Volumes (0.489)	\	gals
Total Volume Purged	\	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

40.26

Volume (gal)	–										
Time	1150										
pH (su)	5.59										
Spec Conductivity	106.6										
Water Temperature	26.8										
Turbidity (subjective)	2										
Dissolved Oxygen (mg/L)	1.6										

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	|
-manhole and cover acceptable?	|
-well pad acceptable?	|
-area safe?	V
-other comments	

Additional Comments

None

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Site Specific Information	
Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/25/11
Field Personnel	KL, CO
General Weather	Sunny
Ambient Air Temperature	65°F

Monitoring Well Information			
Well ID	MW-32		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	30-45	ft	
Total Well Depth	44.30	ft	
Depth to Groundwater	33.66	ft	
Length of Water Column	10.64	ft	
1 Casing Volume (0.163)		gals	44.30
3 Casing Volumes (0.489)		gals	
Total Volume Purged		gals	

Quality Assurance			
pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Volume (gal)	-										
Time	1145										
pH (su)	5.53										
Spec Conductivity	117.3										
Water Temperature	21.1										
Turbidity (subjective)	2										
Dissolved Oxygen (mg/L)	1.9										

Well Condition Information	
-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	↓
-well pad acceptable?	↓
-area safe?	↓
-other comments	

Additional Comments
none

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Site Specific Information	
Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/25/11
Field Personnel	KL, LO
General Weather	Sunny
Ambient Air Temperature	65°F

Monitoring Well Information			
Well ID	MW-33		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	29-44	ft	
Total Well Depth	43.55	ft	
Depth to Groundwater	35.39	ft	
Length of Water Column	8.16	ft	
1 Casing Volume (0.163)	\	gals	
3 Casing Volumes (0.489)		gals	43.55
Total Volume Purged		gals	

Quality Assurance			
pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Volume (gal)	—										
Time	1140										
pH (su)	5.59										
Spec Conductivity	125.9										
Water Temperature	20.9										
Turbidity (subjective)	2										
Dissolved Oxygen (mg/L)	2.1										

Well Condition Information	
-overall well condition acceptable?	Yes
-well cap acceptable?	|
-manhole and cover acceptable?	|
-well pad acceptable?	|
-area safe?	↓
-other comments	

Additional Comments
none

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/25/11
Field Personnel	KL, LO
General Weather	Sunny
Ambient Air Temperature	60°F

Monitoring Well Information

Well ID	MW-34
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates

Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	36-45	ft	
Total Well Depth	45.00	ft	
Depth to Groundwater	38.27	ft	
Length of Water Column	6.73	ft	
1 Casing Volume (0.163)		gals	
3 Casing Volumes (0.489)		gals	
Total Volume Purged		gals	45.00

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Volume (gal)	—										
Time	1120										
pH (su)	5.29										
Spec Conductivity	56.3										
Water Temperature	21.4										
Turbidity (subjective)	3										
Dissolved Oxygen (mg/L)	2.2										

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	↓
-well pad acceptable?	↓
-area safe?	↓
-other comments	

Additional Comments

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/5/11
Field Personnel	KL, UD
General Weather	Sunny
Ambient Air Temperature	60°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-35		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	31-46	ft	
Total Well Depth	45.20	ft	
Depth to Groundwater	39.17	ft	
Length of Water Column	6.03	ft	
1 Casing Volume (0.163)	\	gals	
3 Casing Volumes (0.489)	\	gals	45.20
Total Volume Purged	\	gals	

Volume (gal)	—										
Time	1125										
pH (su)	5.09										
Spec Conductivity	28.0										
Water Temperature	22.0										
Turbidity (subjective)	3										
Dissolved Oxygen (mg/L)	2.1										

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	|
-manhole and cover acceptable?	|
-well pad acceptable?	|
-area safe?	Y
-other comments	

Additional Comments

none

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/24/11
Field Personnel	KL, CO
General Weather	Cloudy
Ambient Air Temperature	55°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-36		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	31 - 46	ft	
Total Well Depth	46.36	ft	
Depth to Groundwater	39.28	ft	
Length of Water Column	7.02	ft	
1 Casing Volume (0.163)		gals	
3 Casing Volumes (0.489)		gals	
Total Volume Purged		gals	46.36

Volume (gal)	-										
Time	1115										
pH (su)	5.45										
Spec Conductivity	51.8										
Water Temperature	19.3										
Turbidity (subjective)	2										
Dissolved Oxygen (mg/L)	1.7										

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

NONE

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Site Specific Information	
Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/24/11
Field Personnel	VL LO
General Weather	cloudy
Ambient Air Temperature	55°F

Quality Assurance			
pH Meter	Oakton	Conductivity Meter	Oakton
Serial Number	73168	Serial Number	73168
Calibration Constant	4.01	Calibration Constant	447 µS
Calibration Constant	7.00	Calibration Constant	1413 µS
Calibration Constant	10.00	Calibration Constant	

Monitoring Well Information		
Well ID	MW-37	
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates	
Well Diameter	2	in
Screened Interval	29-44	ft
Total Well Depth	43.76	ft
Depth to Groundwater	34.90	ft
Length of Water Column	8.86	ft
1 Casing Volume (0.163)		gals
3 Casing Volumes (0.489)		gals
Total Volume Purged		gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

43.76

Volume (gal)	-										
Time	1645										
pH (su)	6.64										
Spec Conductivity	93.2										
Water Temperature	26.0										
Turbidity (subjective)	2										
Dissolved Oxygen (mg/L)	1.5										

Well Condition Information	
-overall well condition acceptable?	yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments
none

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/24/11
Field Personnel	KL, CD
General Weather	cloudy
Ambient Air Temperature	55°C

Monitoring Well Information

Well ID	mw-38		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	32-47	ft	
Total Well Depth	47.36	ft	
Depth to Groundwater	33.69	ft	
Length of Water Column	13.61	ft	47.36
1 Casing Volume (0.163)		gals	
3 Casing Volumes (0.489)		gals	
Total Volume Purged		gals	

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Volume (gal)	–										
Time	1102										
pH (su)	7.12										
Spec Conductivity	10.8										
Water Temperature	19.7										
Turbidity (subjective)	2										
Dissolved Oxygen (mg/L)	1.5										

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	"
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	V
-other comments	

Additional Comments

none

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/25/11
Field Personnel	KL, LO
General Weather	Sunny
Ambient Air Temperature	60°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-39	
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates	
Well Diameter	2	in
bgs *Screened Interval*	42-52	ft
TOC *Total Well Depth*	55.00	ft
TOC *Depth to Groundwater*	48.39	ft
Length of Water Column	6.61	ft
1 Casing Volume (0.163)	1.08	gals
3 Casing Volumes (0.489)	3.24	gals
Total Volume Purged	1.50	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

55.00

Volume (gal)	1.5										
Time	1055										
pH (su)	5.99										
Spec Conductivity	92.5			DRY -	SAMPLE	TAKEN					
Water Temperature	26.3										
Turbidity (subjective)	3										
Dissolved Oxygen (mg/L)	2.0										

Well Condition Information

-overall well condition acceptable?	YES
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Stick up Well

Groundwater Sampling Log

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Site Specific Information	
Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/25/11
Field Personnel	KL, WD
General Weather	Sunny
Ambient Air Temperature	65°F

Monitoring Well Information			
Well ID	MW-4D		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	6-16	ft	
Total Well Depth	16.00	ft	
Depth to Groundwater	14.64	ft	
Length of Water Column	1.36	ft	
1 Casing Volume (0.163)	0.22	gals	
3 Casing Volumes (0.489)	0.66	gals	16.00
Total Volume Purged	0.50	gals	

Quality Assurance			
pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Volume (gal)	0.5										
Time	1205										
pH (su)	6.28										
Spec Conductivity	194			DRY-	SAMPLE	TAKEN					
Water Temperature	23.2										
Turbidity (subjective)	3										
Dissolved Oxygen (mg/L)	1.7										

Well Condition Information	
-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments
new

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	3/24/11
Field Personnel	LO
General Weather	Sunny
Ambient Air Temperature	50°F

Monitoring Well Information

Well ID	MW-41
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Lead, EDB, & 8 Oxygenates

Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	42-52	ft	
Total Well Depth	52.10	ft	
Depth to Groundwater	46.40	ft	
Length of Water Column	5.70	ft	
1 Casing Volume (0.163)	0.93	gals	
3 Casing Volumes (0.489)	2.79	gals	52.10
Total Volume Purged	3	gals	

Quality Assurance

pH Meter	Oakton		*Conductivity Meter*	Oakton	
Serial Number	73168		*Serial Number*	73168	
Calibration Constant	4.01		*Calibration Constant*	447 µS	
Calibration Constant	7.00		*Calibration Constant*	1413 µS	
Calibration Constant	10.00		*Calibration Constant*		

Volume (gal)	1	2	3	
Time	0750	0755	0805	
pH (su)	6.27	6.21	6.19	
Spec Conductivity	248	249	261	
Water Temperature	19.4	19.6	19.6	
Turbidity (subjective)	3	3	3	
Dissolved Oxygen (mg/L)	0.46	0.37	0.32	

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	↓
-well pad acceptable?	↓
-area safe?	↓
-other comments	

Additional Comments

Chemical odor

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/25/11
Field Personnel	KL, LO
General Weather	Sunny
Ambient Air Temperature	65°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

	Well ID	MW-42	
	Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates	
	Well Diameter	2	in
bgs	*Screened Interval*	2-9	ft
TOC	*Total Well Depth*	11.85	ft
TOC	*Depth to Groundwater*	9.13	ft
	Length of Water Column	2.72	ft
	1 Casing Volume (0.163)	0.44	gals
	3 Casing Volumes (0.489)	1.30	gals
	Total Volume Purged	0.75	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

11.85

Volume (gal)	0.75										
Time	1215										
pH (su)	6.48										
Spec Conductivity	205		DRY -	SAMPLE	TAKEN						
Water Temperature	17.3										
Turbidity (subjective)	3										
Dissolved Oxygen (mg/L)	1.9										

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Stick up well = 2.85' to TOC above ground

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	3/24/11
Field Personnel	LO
General Weather	Sunny
Ambient Air Temperature	55°F

Quality Assurance

pH Meter	Oakton		Conductivity Meter	Oakton	
Serial Number	73168		Serial Number	73168	
Calibration Constant	4.01		Calibration Constant	447 µS	
Calibration Constant	7.00		Calibration Constant	1413 µS	
Calibration Constant	10.00		Calibration Constant		

Monitoring Well Information

Well ID	MW-43		
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Lead, EDB, & 8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	40-50	ft	
Total Well Depth	50.00	ft	
Depth to Groundwater	43.89	ft	
Length of Water Column	6.11	ft	
1 Casing Volume (0.163)	1.00	gals	
3 Casing Volumes (0.489)	2.99	gals	50.00
Total Volume Purged	3	gals	

	1	2	3
Volume (gal)	1	2	3
Time	0835	0830	0840
pH (su)	6.17	6.09	6.11
Spec Conductivity	113.0	109.7	114.5
Water Temperature	19.0	19.2	19.2
Turbidity (subjective)	2	2	2
Dissolved Oxygen (mg/L)	0.41	0.37	0.28

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

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Site Specific Information	
Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/24/11
Field Personnel	KL, LO
General Weather	P. cloudy
Ambient Air Temperature	66°F

Monitoring Well Information			
Well ID	DW-1		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	75-80	ft	
Total Well Depth	79.89	ft	
Depth to Groundwater	45.34	ft	
Length of Water Column	34.55	ft	
1 Casing Volume (0.163)	5.63	gals	
3 Casing Volumes (0.489)	16.89	gals	79.89
Total Volume Purged	15	gals	

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Volume (gal)	~~0~~ 6	12	18							
Time	1605	1618	1640							
pH (su)	6.87	6.61	6.83							
Spec Conductivity	300	268	295							
Water Temperature	20.6	20.7	20.4							
Turbidity (subjective)	3	2	2							
Dissolved Oxygen (mg/L)	1.7	0.6	1.3							

Well Condition Information	
-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/24/11
Field Personnel	KL, LO
General Weather	Overcast
Ambient Air Temperature	55°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	DW-2
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates

Well Diameter	2	in
Screened Interval	75.80	ft
Total Well Depth	80.00	ft
Depth to Groundwater	41.63	ft
Length of Water Column	38.36	ft
1 Casing Volume (0.163)	6.25	gals
3 Casing Volumes (0.489)	18.75	gals
Total Volume Purged	21	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

80.02

Volume (gal)	7.0	14.0	21.0								
Time	1800	1805	1810								
pH (su)	6.87	6.38	6.84								
Spec Conductivity	212	196	202								
Water Temperature	20.4	21.1	20.9								
Turbidity (subjective)	1	1	1								
Dissolved Oxygen (mg/L)	2.0	1.8	1.5								

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	✓
-manhole and cover acceptable?	✓
-well pad acceptable?	✓
-area safe?	Y
-other comments	

Additional Comments

none

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/04/11
Field Personnel	KL, WD
General Weather	Overcast
Ambient Air Temperature	55°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	DW-3	
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates	
Well Diameter	2	in
Screened Interval	75-80	ft
Total Well Depth	79.85	ft
Depth to Groundwater	40.06	ft
Length of Water Column	39.79	ft
1 Casing Volume (0.163)	6.49	gals
3 Casing Volumes (0.489)	19.47	gals
Total Volume Purged	21.00	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

79.85

Volume (gal)	7.0	14.0	21.00								
Time	1835	1840	1845								
pH (su)	10.11	9.97	9.73								
Spec Conductivity	745	728	721								
Water Temperature	20.8	21.1	21.1								
Turbidity (subjective)	1	1	1								
Dissolved Oxygen (mg/L)	0.3	0.8	0.8								

Well Condition Information

-overall well condition acceptable?	YES
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

None

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/24/11
Field Personnel	KL, LO
General Weather	55°F
Ambient Air Temperature	Cloudy

Monitoring Well Information

Well ID	RW-5
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates

Well Diameter	2	in
Screened Interval	75-80	ft
Total Well Depth	79.89	ft
Depth to Groundwater	61.27	ft
Length of Water Column	18.62	ft
1 Casing Volume (0.163)	3.04	gals
3 Casing Volumes (0.489)	9.12	gals
Total Volume Purged	9.50	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

79.89

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Volume (gal)	3.5										
Time	1320										
pH (su)	12.55										
Spec Conductivity	10.32			DRY -	SAMPLE	TAKEN					
Water Temperature	26.6										
Turbidity (subjective)	2										
Dissolved Oxygen (mg/L)	1.2										

Well Condition Information

-overall well condition acceptable?	YES
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	V
-other comments	

Additional Comments

NONE

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/2/11
Field Personnel	KL, WO
General Weather	P. Cloudy
Ambient Air Temperature	60°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	MW-6		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	115 - 130	ft	
Total Well Depth	129.76	ft	
Depth to Groundwater	49.98	ft	
Length of Water Column	79.72	ft	
1 Casing Volume (0.163)	12.99	gals	
3 Casing Volumes (0.489)	38.98	gals	129.76
Total Volume Purged	13.06	gals	

Volume (gal)	13.06										
Time	1646										
pH (su)	9.92										
Spec Conductivity	606			DRY -	SAMPLE	TAKEN					
Water Temperature	19.3										
Turbidity (subjective)	1										
Dissolved Oxygen (mg/L)	2.0										

Well Condition Information

-overall well condition acceptable?	Y/S
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

None

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/24/11
Field Personnel	LL, LO
General Weather	Overcast
Ambient Air Temperature	55°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	DW-7		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	115 - 120	ft	
Total Well Depth	118.50	ft	
Depth to Groundwater	46.27	ft	
Length of Water Column	72.23	ft	
1 Casing Volume (0.163)	11.77	gals	
3 Casing Volumes (0.489)	35.32	gals	118.50
Total Volume Purged	120	gals	

Volume (gal)	12.0										
Time	1845										
pH (su)	11.95		Dry - Samples Taken								
Spec Conductivity	3.23 mS										
Water Temperature	18.9										
Turbidity (subjective)	1										
Dissolved Oxygen (mg/L)	1.67										

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Dry @ 12 gallons

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/24/11
Field Personnel	VL, LO
General Weather	cloudy
Ambient Air Temperature	55°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	DW-9		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	75-80	ft	
Total Well Depth	80.15	ft	
Depth to Groundwater	36.34	ft	
Length of Water Column	43.81	ft	
1 Casing Volume (0.163)	7.14	gals	
3 Casing Volumes (0.489)	21.42	gals	
Total Volume Purged	24.0	gals	80.15

Volume (gal)	8.0	16.0	24.0							
Time	947	952	1007							
pH (su)	6.43	6.47	6.50							
Spec Conductivity	142.7	139.8	135.6							
Water Temperature	19.7	19.9	19.9							
Turbidity (subjective)	1	1	1							
Dissolved Oxygen (mg/L)	1.3	1.0	1.0							

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

None

10/15/26

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	2/24/11
Field Personnel	VC, WD
General Weather	Cloudy
Ambient Air Temperature	50°F

Quality Assurance

pH Meter	Oakton	*Conductivity Meter*	Oakton
Serial Number	73168	*Serial Number*	73168
Calibration Constant	4.01	*Calibration Constant*	447 µS
Calibration Constant	7.00	*Calibration Constant*	1413 µS
Calibration Constant	10.00	*Calibration Constant*	

Monitoring Well Information

Well ID	DW-10		
Testing Parameters	BTEX, Naph, MTBE, 1, 2-DCA, EDB, Lead,8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	115-120	ft	
Total Well Depth	119.72	ft	
Depth to Groundwater	36.86	ft	
Length of Water Column	82.86	ft	
1 Casing Volume (0.163)	13.51	gals	
3 Casing Volumes (0.489)	40.53	gals	
Total Volume Purged	14.08	gals	119.72

Volume (gal)	14										
Time	1625										
pH (su)	12.01										
Spec Conductivity	2.72		DRY -	SAMPLE	TAKEN						
Water Temperature	18.9										
Turbidity (subjective)	1										
Dissolved Oxygen (mg/L)	0.7										

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	Y
-other comments	

Additional Comments

None
SI

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	5/5/11
Field Personnel	KL
General Weather	Sunny
Ambient Air Temperature	55°F

Monitoring Well Information

Well ID	MW- 44
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Lead, EDB, & 8 Oxygenates

Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	52-42	ft	
Total Well Depth	52.20	ft	
Depth to Groundwater	45.36	ft	
Length of Water Column	6.84	ft	
1 Casing Volume (0.163)	1.11	gals	
3 Casing Volumes (0.489)	3.33	gals	
Total Volume Purged	1.5	gals	52.20

Quality Assurance

pH Meter	Oakton		*Conductivity Meter*	Oakton	
Serial Number	73168		*Serial Number*	73168	
Calibration Constant	4.01		*Calibration Constant*	447 µS	
Calibration Constant	7.00		*Calibration Constant*	1413 µS	
Calibration Constant	10.00		*Calibration Constant*		

Volume (gal)	1.5										
Time	1030										
pH (su)	6.70										
Spec Conductivity	674			DRY - SAMPLE TAKEN							
Water Temperature	16.0										
Turbidity (subjective)	3										
Dissolved Oxygen (mg/L)	3.1										

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

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Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	5/5/11
Field Personnel	KL
General Weather	Sunny
Ambient Air Temperature	55°c

Quality Assurance

pH Meter	Oakton		*Conductivity Meter*	Oakton	
Serial Number	73168		*Serial Number*	73168	
Calibration Constant	4.01		*Calibration Constant*	447 µS	
Calibration Constant	7.00		*Calibration Constant*	1413 µS	
Calibration Constant	10.00		*Calibration Constant*		

Monitoring Well Information

Well ID	MW- 45		
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Lead, EDB, & 8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	52-42	ft	
Total Well Depth	52.45	ft	
Depth to Groundwater	46.19	ft	
Length of Water Column	6.26	ft	
1 Casing Volume (0.163)	1.02	gals	
3 Casing Volumes (0.489)	3.06	gals	
Total Volume Purged	2.5	gals	52.45

Volume (gal)	1.5	2.5									
Time	1055	1105									
pH (su)	5.99	5.79									
Spec Conductivity	43.0	49.2			DRY- SAMPLE TAKEN						
Water Temperature	14.9	15.2									
Turbidity (subjective)	3	3									
Dissolved Oxygen (mg/L)	4.1	4.0									

Well Condition Information

-overall well condition acceptable?	YES
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	5/5/11
Field Personnel	KL
General Weather	Sunny
Ambient Air Temperature	55°F

Quality Assurance

pH Meter	Oakton		*Conductivity Meter*	Oakton	
Serial Number	73168		*Serial Number*	73168	
Calibration Constant	4.01		*Calibration Constant*	447 µS	
Calibration Constant	7.00		*Calibration Constant*	1413 µS	
Calibration Constant	10.00		*Calibration Constant*		

Monitoring Well Information

Well ID	MW- 46		
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Lead, EDB, & 8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	50-40	ft	
Total Well Depth	60.35	ft	
Depth to Groundwater	44.75	ft	
Length of Water Column	5.60	ft	
1 Casing Volume (0.163)	0.91	gals	
3 Casing Volumes (0.489)	2.73	gals	
Total Volume Purged	3	gals	50.35

Volume (gal)	1	2	3	
Time	1235	1240	1245	
pH (su)	5.52	5.42	5.33	
Spec Conductivity	36.1	35.3	34.3	
Water Temperature	15.7	15.7	15.5	
Turbidity (subjective)	3	3	3	
Dissolved Oxygen (mg/L)	4.0	3.9	4.0	

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services — CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	5/5/11
Field Personnel	KL
General Weather	Sunny
Ambient Air Temperature	60°F

Quality Assurance

pH Meter	Oakton		*Conductivity Meter*	Oakton	
Serial Number	73168		*Serial Number*	73168	
Calibration Constant	4.01		*Calibration Constant*	447 µS	
Calibration Constant	7.00		*Calibration Constant*	1413 µS	
Calibration Constant	10.00		*Calibration Constant*		

Monitoring Well Information

Well ID	MW- 47		
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Lead, EDB, & 8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	42-32	ft	
Total Well Depth	42.25	ft	
Depth to Groundwater	36.62	ft	
Length of Water Column	5.63	ft	
1 Casing Volume (0.163)	0.92	gals	
3 Casing Volumes (0.489)	2.76	gals	42.25
Total Volume Purged	1	gals	

Volume (gal)	1									
Time	1305									
pH (su)	5.81									
Spec Conductivity	24.3		DRY - SAMPLE TAKEN							
Water Temperature	15.2									
Turbidity (subjective)	3									
Dissolved Oxygen (mg/L)	4.0									

Well Condition Information

-overall well condition acceptable?	Y25
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services — CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	5/5/11
Field Personnel	KL
General Weather	Sunny
Ambient Air Temperature	60°F

Quality Assurance

pH Meter	Oakton		*Conductivity Meter*	Oakton	
Serial Number	73168		*Serial Number*	73168	
Calibration Constant	4.01		*Calibration Constant*	447 µS	
Calibration Constant	7.00		*Calibration Constant*	1413 µS	
Calibration Constant	10.00		*Calibration Constant*		

Monitoring Well Information

Well ID	MW- 48		
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Lead, EDB, & 8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	8 - 3	ft	
Total Well Depth	8.03	ft	
Depth to Groundwater	4.01	ft	
Length of Water Column	3.99	ft	
1 Casing Volume (0.163)	0.65	gals	
3 Casing Volumes (0.489)	1.95	gals	
Total Volume Purged	3	gals	8.03

Volume (gal)	1	2	3	
Time	1330	1337	1345	
pH (su)	4.95	5.08	4.89	
Spec Conductivity	40.0	30.6	31.0	
Water Temperature	13.6	13.5	13.3	
Turbidity (subjective)	3	3	3	
Dissolved Oxygen (mg/L)	4.7	3.9	4.1	

Well Condition Information

-overall well condition acceptable?	YES
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	5/5/11
Field Personnel	KL
General Weather	Sunny
Ambient Air Temperature	55°F

Monitoring Well Information

Well ID	MW-Dw-11		
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Lead, EDB, & 8 Oxygenates		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	79-74	ft	
Total Well Depth	78.60	ft	
Depth to Groundwater	46.10	ft	
Length of Water Column	32.5	ft	
1 Casing Volume (0.163)	5.30	gals	
3 Casing Volumes (0.489)	15.9	gals	
Total Volume Purged	16.5	gals	78.60

Quality Assurance

pH Meter	Oakton		*Conductivity Meter*	Oakton	
Serial Number	73168		*Serial Number*	73168	
Calibration Constant	4.01		*Calibration Constant*	447 µS	
Calibration Constant	7.00		*Calibration Constant*	1413 µS	
Calibration Constant	10.00		*Calibration Constant*		

Volume (gal)	5.5	11	16.5	
Time	0937	0943	0950	
pH (su)	6.77	6.47	6.41	
Spec Conductivity	275	247	198.0	
Water Temperature	17.5	17.1	17.1	
Turbidity (subjective)	2	1	1	
Dissolved Oxygen (mg/L)	2.5	1.4	1.1	

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	↓
-well pad acceptable?	↓
-area safe?	✓
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services
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P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	9/5/11
Field Personnel	KL
General Weather	Sunny
Ambient Air Temperature	70°F

Monitoring Well Information

Well ID	SW- 1
Testing Parameters	BTEX, Naph, MTBE

Well Diameter		in
Screened Interval		ft
Total Well Depth		ft
Depth to Groundwater		ft
Length of Water Column		ft
1 Casing Volume (0.163)		gals
3 Casing Volumes (0.489)		gals
Total Volume Purged		gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

Quality Assurance

pH Meter	Oakton		*Conductivity Meter*	Oakton	
Serial Number	73168		*Serial Number*	73168	
Calibration Constant	4.01		*Calibration Constant*	447 µS	
Calibration Constant	7.00		*Calibration Constant*	1413 µS	
Calibration Constant	10.00		*Calibration Constant*		

Volume (gal)	-			
Time	1405			
pH (su)	6.04			
Spec Conductivity	62.6			
Water Temperature	13.5			
Turbidity (subjective)	1			
Dissolved Oxygen (mg/L)	4.9			

Well Condition Information

-overall well condition acceptable?	N/A
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	Y
-area safe?	Yes
-other comments	

Additional Comments

Stream Sample

Downstream

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	5/5/11
Field Personnel	LL
General Weather	Sunny
Ambient Air Temperature	70°F

Monitoring Well Information

Well ID	SW- 2
Testing Parameters	BTEX, Naph, MTBE
Well Diameter	2 in
Screened Interval	ft
Total Well Depth	ft
Depth to Groundwater	ft
Length of Water Column	ft
1 Casing Volume (0.163)	gals
3 Casing Volumes (0.489)	gals
Total Volume Purged	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

Quality Assurance

pH Meter	Oakton		*Conductivity Meter*	Oakton	
Serial Number	73168		*Serial Number*	73168	
Calibration Constant	4.01		*Calibration Constant*	447 µS	
Calibration Constant	7.00		*Calibration Constant*	1413 µS	
Calibration Constant	10.00		*Calibration Constant*		

Volume (gal)	-			
Time	1400			
pH (su)	6.10			
Spec Conductivity	75.0			
Water Temperature	13.1			
Turbidity (subjective)	1			
Dissolved Oxygen (mg/L)	5.2			

Well Condition Information

-overall well condition acceptable?	N/A
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	Yes
-other comments	

Additional Comments

Stream simple

up stream

APPENDIX 9

Groundwater Analytical Data

ACCESS ANALYTICAL, INC.

ANALYTICAL REPORT

CLIENT

Terry Environmental
PO Box 25
Summerville SC 29484

ATTENTION
Randy Brand

PROJECT ID
2170E Li'l Cricket #339

LABORATORY REPORT NUMBER
1102M58

DATE
March 23, 2011

Primary Data Review By

Brian Rohr
Project Manager, AES

Secondary Data Review By

Ashley Amick
Project Manager, Access Analytical
aamick@axs-inc.com

PLEASE NOTE:

- **Unless otherwise noted, all analysis on this report performed at Analytical Environmental Services Inc. (AES Inc), 3785 Presidential Parkway, Atlanta, GA 30340.**
- **AES is SCDHEC certified laboratory # 98016, NCDENR certified lab # 562, GA certified lab # FL-E87582, NELAP certified laboratory # E87582**
- Local support services for this project are provided by Access Analytical, Inc. Access Analytical is a representative of AES serving client in the SC/NC/GA areas. All questions regarding this report should be directed to your local Access Analytical representative at 803.781.4243 or toll fee at 883.315.4243

Revision 3/23/2011

Access Analytical - Chain of Custody Record

LAB USE ONLY

Sales Order # _____ **PO #** _____ **Access Quote #** _____ **Project Work Order #** 1102MS50 **Laboratory ID:** AES

Company Name: Terry Environmental
Report To: Randy Brand
Address: PO Box 25
City: Summerville State: SC Zip: 29484
Phone: 843-873-8200 Fax:
Email: rbrand@terryenvironmental.com
Project ID: 2170E L/I cricket #339
Sampled By: KL

Preservative (*see codes): 1 1 0 2
Container Type (*see codes): G G G P

REQUESTED LAB ANALYSIS:

Sample ID/Description	Date Collected:	Time Collected:	Type: (grab or composite)	Matrix: (see codes)	Program Area: (see codes)	TOTAL # of containers	BTEX, Naph, MTBE, 1,2-DCA	X Oxygenates	EDB	LEAD	NOTES / COMMENTS (if sample is a composite please use space below to note start/finish times & dates)
mw-3	2/25/11	0745	G	GW	SHW	7	2	2	2	1	Petro Odor
mw-5R	2/25/11	0950									
mw-9	2/25/11	0755									
mw-10	2/24/11	1750									Sample taken Below Product
mw-11	2/24/11	0720									
mw-12	2/24/11	0730									
mw-13	2/24/11	0735									Petro Odor
mw-14	2/24/11	0745									
mw-15	2/24/11	1600									Petro Odor
mw-16	2/25/11	0850									Petro Odor

Turnaround Time:
✓ Standard
___ RUSH*
*Date Required: 3/8/11
(For rush work, results emailed/faxed by end of business day on date required)

Project Location:
✓ SC
___ NC
___ Other
(specify) _____

Relinquished By:	Received By:	Date (mm-dd-yy)	Time (24HR)	Sample Temp. Upon Receipt (°C):	
		2/25/11	1725	3.2 (°C)	___ (N/A)
	FEDEX	2/25/11	1745	___ (°C)	✓ (N/A)
FEDEX	Mark X	2.26.11	1215	___ (°C)	___ (N/A)
				___ (°C)	___ (N/A)

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ACCESS ANALYTICAL, INC.
7478 Carlisle Street
Irmo, SC 29063
Phone: (803) 781-4243
Fax: 781-4303
www.axs-inc.com

*Preservative Codes (place corresponding # in block above analysis field): 0 = None, 1 = HCL, 2 = HNO_3, 3 = H_2SO_4, 4 = NaOH, 5 = $Na_2S_2O_3$, 6 = Method 5035 set w/ $NaHSO_4$ & CH3OH, 7 = NaOH/ZnOAC, 8 = H_3PO_4

*Matrix Codes (place corresponding code in matrix column): GW = ground water, WW = waste water, DW = drinking water, S = soil, SL = sludge, A = air, IW = industrial waste, WO = waste oil, OT = other (specify in comments section)

*Program Area Codes: CWA = Clean Water Act (for wastewaters), SDWA = Safe Drinking Water Act (for drinking waters), SHW = Solid and Hazardous Wastes (for soils, ground waters and waste samples)

*Container Type: G = Glass, P = Plastic

Access Analytical - Chain of Custody Record

LAB USE ONLY

Sales Order # _____ **PO #** _____ **Access Quote #** _____

Project Work Order # 1102M58

Laboratory ID: AES

Company Name: Terry Environmental

Report To: Randy Brand

Address: PO Box 85

City: Summerville State: SC Zip: 29484

Phone: 843-873-8200 Fax:

Email: rbrand@terryenvironmental.com

Project ID: 2170E Lil Cricket # 339

Sampled By: KL

Sample ID/Description	Date Collected	Time Collected	Type: (grab or composite)	Matrix: (see codes)	Program Area (see codes)	TOTAL # of containers	Preservative: (*see codes)											
							Container Type: (*see codes)											
							REQUESTED LAB ANALYSIS: ↓											
								BTEX, Meth, MTBE, 1,2DCA	& Oxygenates	TPHG	LEAD							
mw-17	2/25/11	0925	G	GW	SHW	7		2	2	2	1							
mw-18	2/25/11	0815																
mw-21	2/25/11	1040																
mw-22	2/24/11	1315																
mw-23	2/24/11	1355																
mw-24	2/24/11	1410																
mw-25	2/24/11	1420																
mw-26	2/24/11	1518																
mw-27	2/24/11	1515																
mw-28	2/24/11	1440																

NOTES / COMMENTS
(if sample is a composite please use space below to note start/finish times & dates)

mw-17: Petro Odor
mw-18: Petro Odor
mw-24: Petro Odor
mw-25: Petro Odor
mw-26: Petro Odor
mw-27: Petro Odor

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*Preservative Codes (place corresponding # in block above analysis field): 0 = None, 1 = HCL, 2 = HNO3, 3 = H2SO4, 4 = NaOH, 5 = Na2S2O3, 6 = Method 5035 est w/ NaHSO4 & CH3OH, 7 = NaOH/ZnOAC, 8 = H3PO4

*Matrix Codes (place corresponding code in matrix column): GW = ground water, WW = waste water, DW = drinking water, S = soil, SL = sludge, A = air, IW = industrial waste, WO = waste oil, OT = other (specify in comments section)

*Program Area Codes: CWA = Clean Water Act (for wastewaters), SDWA = Safe Drinking Water Act (for drinking waters), SHW = Solid and Hazardous Wastes (for soils, ground waters and waste samples)

*Container Type: G = Glass, P = Plastic

Turnaround Time:
✓ Standard
___ RUSH*
*Date Required: 3/8/11
(For rush work, results emailed/faxed by end of business day on date required)

Project Location:
___ SC
___ NC
___ Other
(specify) _____

Relinquished By:	Received By:	Date (mm-dd-yy)	Time (24HR)	Sample Temp. Upon Receipt (°C):	
		2/25/11	1725	3.0 (°C)	___(N/A)
	FEDEX	2/25/11	1745	___(°C)	✓(N/A)
FEDEX	Mark K	2.26.11	1215	___(°C)	___(N/A)
				___(°C)	___(N/A)

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LAB USE ONLY

Project Work Order # 1102M58

Sales Order # _____ **PO #** _____ **Access Quote #** _____ **Laboratory ID:** AES

Company Name: Terry Environmental

Report To: Randy Brand

Address: PO Box 25

City: Summerville State: SC Zip: 29484

Phone: 843-873-8202 Fax:

Email: rbrand@terryenvironmental.com

Project ID: 2170 E Li'l Cricket #339

Sampled By: KL

ACCESS ANALYTICAL, INC.
7478 Carlisle Street
Irmo, SC 29063
Phone: (803) 781-4243
Fax: 781-4303
www.axs-inc.com

*Preservative Codes (place corresponding # in block above analysis field): 0 = None, 1 = HCL, 2 = HNO_3, 3 = H_2SO_4, 4 = NaOH, 5 = $Na_2S_2O_3$, 6 = Method 5035 set w/ $NaHSO_4$ & CH3OH, 7 = NaOH/ZnOAC, 8 = H_3PO_4

*Matrix Codes (place corresponding code in matrix column): GW = ground water, WW = waste water, DW = drinking water, S = soil, SL = sludge, A = air, IW = industrial waste, WO = waste oil, OT = other (specify in comments section)

*Program Area Codes: CWA = Clean Water Act (for wastewaters), SDWA = Safe Drinking Water Act (for drinking waters), SHW = Solid and Hazardous Wastes (for soils, ground waters and waste samples)

*Container Type: G = Glass, P = Plastic

Sample ID/Description	Date Collected	Time Collected	Type: (grab or composite)	Matrix: (see codes)	Program Area (see codes)	TOTAL # of containers	* REQUESTED LAB ANALYSIS:				NOTES / COMMENTS (if sample is a composite please use space below to note start/finish times & dates)
								BTEX, Naph, MTBE, 1,2-DCA	& Oxygenates	EDB	LEAD	
Preservative: (*see codes)								1	1	0	2	
Container Type: (*see codes)								G	G	G	P	
MW-29	2/25/11	1010	G	GW	SHW	7		2	2	2	1	Petro Odor
MW-30	2/25/11	1025										
MW-31	2/25/11	1150										
MW-32	2/25/11	1145										
MW-33	2/25/11	1140										
MW-34	2/25/11	1120										
MW-35	2/25/11	1125										
MW-36	2/24/11	1115										
MW-37	2/24/11	1045										
MW-38	2/24/11	1100										

Turnaround Time:

✓ Standard
___ RUSH*
*Date Required: 3/8/11
(For rush work, results emailed/faxed by end of business day on date required)

Project Location:
✓ SC
___ NC
___ Other
(specify) _____

Relinquished By:	Received By:	Date (mm-dd-yy)	Time (24HR)	Sample Temp. Upon Receipt (°C):	
		2/25/11	1725	3.0 (°C)	___ (N/A)
	FEDEX	2/25/11	1745	___ (°C)	✓ (N/A)
FEDEX	Mark A	2 26 11	1215	___ (°C)	___ (N/A)
				___ (°C)	___ (N/A)

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LAB USE ONLY

Sales Order # _____ **PO #** _____ **Access Quote #** _____

Project Work Order # 1102M58

Laboratory ID: AGS

Company Name: Terry Environmental

Report To: Randy Brand

Address: PO Box 25

City: Summerville State: SC Zip: 29484

Phone: 843-873-8201 Fax:

Email: rbrand@terryenvironmental.com

Project ID: 2170E Lilcrick + #339

Sampled By: KL

Sample ID/Description	Date Collected	Time Collected	Type: (grab or composite)	Matrix: (see codes)	Program Area (see codes)	TOTAL # of containers	REQUESTED LAB ANALYSIS: BTEX, Naph, MTBE, 1,2-DCA	8 Oxygenates	EDC	LEAD
							Preservative: (*see codes)	1	1	0	2
							Container Type: (*see codes)	G	G	G	P
MW-39	2/25/11	1055	G	GW	SW	7		2	2	2	1
MW-40	2/25/11	1205									
MW-42	2/25/11	1215									
DW-1	2/24/11	1640									
DW-2	2/24/11	1810									
DW-3	2/24/11	1845									
DW-5	2/24/11	1320									
DW-6	2/24/11	1640									
DW-7	2/24/11	1845									
DW-9	2/24/11	1006	↓	↓	↓	↓		↓	↓	↓	↓

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Phone: (803) 781-4243
Fax: 781-4303
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*Preservative Codes (place corresponding # in block above analysis field): 0 = None, 1 = HCL, 2 = HNO_3, 3 = H_2SO_4, 4 = NaOH, 5 = $Na_2S_2O_3$, 6 = Method 5035 set w/ $NaHSO_4$ & CH_3OH, 7 = NaOH/ZnOAC, 8 = H_3PO_4

*Matrix Codes (place corresponding code in matrix column): GW = ground water, WW = waste water, DW = drinking water, S = soil, SL = sludge, A = air, IW = industrial waste, WO = waste oil, OT = other (specify in comments section)

*Program Area Codes: CWA = Clean Water Act (for wastewaters), SDWA = Safe Drinking Water Act (for drinking waters), SHW = Solid and Hazardous Wastes (for soils, ground waters and waste samples)

*Container Type: G = Glass, P = Plastic

NOTES / COMMENTS
(if sample is a composite please use space below to note start/finish times & dates)

Turnaround Time:

✓ Standard
___ RUSH*
*Date Required: 3/8/11
(For rush work, results emailed/faxed by end of business day on date required)

Project Location:
✓ SC
___ NC
___ Other
(specify) _____

Relinquished By:	Received By:	Date (mm-dd-yy)	Time (24HR)	Sample Temp. Upon Receipt (°C):	
		2/25/11	1725	3.0 (°C)	___ (N/A)
	FEDEX	2/25/11	1745	___ (°C)	✓ (N/A)
FEDEX	MAL *	2.26.11	1215	___ (°C)	___ (N/A)
				___ (°C)	___ (N/A)

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Access Analytical - Chain of Custody Record

LAB USE ONLY

Sales Order # _____ **PO #** _____ **Access Quote #** _____

Project Work Order # 1102M58

Laboratory ID: AES

Company Name: Terry Environmental

Report To: Randy Brand

Address: PO Box 25

City: Summerville State: SC Zip: 29484

Phone: 843-879-8200 Fax:

Email: rbrand@terryenvironmental.com

Project ID: 2170E Li'l cricket # 339

Sampled By: KL

Sample ID/Description	Date Collected:	Time Collected:	Type: (grab or composite)	Matrix: (see codes)	Program Area (see codes)	TOTAL # of containers	Preservative: (*see codes)	Container Type: (*see codes)	REQUESTED LAB ANALYSIS: 1	2	3	4	5	6	7	8	9	10	11	12
							1	G	BTEX, Naph, MTBE, 1,2-DCA	8 Oxygenates	EDB	LEAD								
DW-10 [redacted]	2/24/11	1025	G	GW	SHW	7	2	G	2	2	2	1								

ACCESS ANALYTICAL, INC.

7478 Carlisle Street
Irmo, SC 29063

Phone: (803) 781-4243
Fax: 781-4303

www.axs-inc.com

*Preservative Codes (place corresponding # in block above analysis field): 0 = None, 1 = HCL, 2 = HNO_3, 3 = H_2SO_4, 4 = NaOH, 5 = $Na_2S_2O_3$, 6 = Method 5035 set w/ $NaHSO_4$ & CH3OH, 7 = NaOH/ZnOAC, 8 = H_3PO_4

*Matrix Codes (place corresponding code in matrix column): GW = ground water, WW = waste water, DW = drinking water, S = soil, SL = sludge, A = air, IW = industrial waste, WO = waste oil, OT = other (specify in comments section)

*Program Area Codes: CWA = Clean Water Act (for wastewaters), SDWA = Safe Drinking Water Act (for drinking waters), SHW = Solid and Hazardous Wastes (for soils, ground waters and waste samples)

*Container Type: G = Glass, P = Plastic

NOTES / COMMENTS

(if sample is a composite please use space below to note start/finish times & dates)

Turnaround Time:

✓ Standard
___ RUSH*
*Date Required: 3/8/11
(For rush work, results emailed/faxed by end of business day on date required)

Project Location:
✓ SC
___ NC
___ Other
(specify) _____

Relinquished By:	Received By:	Date (mm-dd-yy)	Time (24HR)	Sample Temp. Upon Receipt (°C):	
[signature]	[signature]	2/25/11	1725	3.0 (°C)	___ (N/A)
[signature]	FEDEX	2/25/11	1745	___ (°C)	✓ (N/A)
FEDEX	Mark L	2.26.11	1215	___ (°C)	___ (N/A)
				___ (°C)	___ (N/A)

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Analytical Environmental Services, Inc

Date: 23-Mar-11

Client: Terry Environmental
Project: 2170E Li'l Cricket #339
Lab ID: 1102M58

Case Narrative

Volatile Organic Compounds Analysis by Method 8260B:

Due to sample matrix, Samples 1102M58-003A and -004A required dilution during preparation and/or analysis resulting in elevated reporting limits.

Methyl tert-butyl ether value for sample 1102M58-034A & 036A is "E" qualified indicating an estimated value over linear calibration range.

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-3
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/25/2011 7:45:00 AM
Lab ID:	1102M58-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	2.0	1.0		ug/L	143104	1	03/08/2011 02:25	JE
Toluene	56	1.0		ug/L	143104	1	03/08/2011 02:25	JE
Ethylbenzene	46	1.0		ug/L	143104	1	03/08/2011 02:25	JE
Xylenes, Total	510	3.0		ug/L	143104	1	03/08/2011 02:25	JE
Naphthalene	170	5.0		ug/L	143104	1	03/08/2011 02:25	JE
Methyl tert-butyl ether	BRL	1.0		ug/L	143104	1	03/08/2011 02:25	JE
1,2-Dichloroethane	BRL	1.0		ug/L	143104	1	03/08/2011 02:25	JE
Surr: 4-Bromofluorobenzene	101	64.7-130		%REC	143104	1	03/08/2011 02:25	JE
Surr: Dibromofluoromethane	100	80.7-129		%REC	143104	1	03/08/2011 02:25	JE
Surr: Toluene-d8	97.5	71.1-120		%REC	143104	1	03/08/2011 02:25	JE
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	11.9	1.00		ug/L	142739	1	03/01/2011 22:16	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143104	1	03/08/2011 02:25	JE
Ethanol	BRL	100		ug/L	143104	1	03/08/2011 02:25	JE
Ethyl tert-butyl ether	BRL	100		ug/L	143104	1	03/08/2011 02:25	JE
Isopropyl ether	BRL	10		ug/L	143104	1	03/08/2011 02:25	JE
tert-Amyl alcohol	BRL	100		ug/L	143104	1	03/08/2011 02:25	JE
tert-Amyl methyl ether	BRL	10		ug/L	143104	1	03/08/2011 02:25	JE
tert-Butyl Alcohol	BRL	100		ug/L	143104	1	03/08/2011 02:25	JE
tert-Butyl formate	BRL	100		ug/L	143104	1	03/08/2011 02:25	JE
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142711	1	02/28/2011 21:23	AK
Surr: 4-Bromofluorobenzene	108	66.9-137		%REC	142711	1	02/28/2011 21:23	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-5R
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/25/2011 9:50:00 AM
Lab ID:	1102M58-002	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	143104	1	03/05/2011 16:08	JE
Toluene	BRL	1.0		ug/L	143104	1	03/05/2011 16:08	JE
Ethylbenzene	BRL	1.0		ug/L	143104	1	03/05/2011 16:08	JE
Xylenes, Total	BRL	3.0		ug/L	143104	1	03/05/2011 16:08	JE
Naphthalene	BRL	5.0		ug/L	143104	1	03/05/2011 16:08	JE
Methyl tert-butyl ether	BRL	1.0		ug/L	143104	1	03/05/2011 16:08	JE
1,2-Dichloroethane	BRL	1.0		ug/L	143104	1	03/05/2011 16:08	JE
Surr: 4-Bromofluorobenzene	91.9	64.7-130		%REC	143104	1	03/05/2011 16:08	JE
Surr: Dibromofluoromethane	99.5	80.7-129		%REC	143104	1	03/05/2011 16:08	JE
Surr: Toluene-d8	95.1	71.1-120		%REC	143104	1	03/05/2011 16:08	JE
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	BRL	1.00		ug/L	142739	1	03/01/2011 23:11	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143104	1	03/05/2011 16:08	JE
Ethanol	BRL	100		ug/L	143104	1	03/05/2011 16:08	JE
Ethyl tert-butyl ether	BRL	100		ug/L	143104	1	03/05/2011 16:08	JE
Isopropyl ether	BRL	10		ug/L	143104	1	03/05/2011 16:08	JE
tert-Amyl alcohol	BRL	100		ug/L	143104	1	03/05/2011 16:08	JE
tert-Amyl methyl ether	BRL	10		ug/L	143104	1	03/05/2011 16:08	JE
tert-Butyl Alcohol	BRL	100		ug/L	143104	1	03/05/2011 16:08	JE
tert-Butyl formate	BRL	100		ug/L	143104	1	03/05/2011 16:08	JE
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142711	1	02/28/2011 22:39	AK
Surr: 4-Bromofluorobenzene	107	66.9-137		%REC	142711	1	02/28/2011 22:39	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-9
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/25/2011 7:55:00 AM
Lab ID:	1102M58-003	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	2900	500		ug/L	143104	500	03/05/2011 11:20	JE
Toluene	2700	500		ug/L	143104	500	03/05/2011 11:20	JE
Ethylbenzene	880	500		ug/L	143104	500	03/05/2011 11:20	JE
Xylenes, Total	3900	1500		ug/L	143104	500	03/05/2011 11:20	JE
Naphthalene	BRL	2500		ug/L	143104	500	03/05/2011 11:20	JE
Methyl tert-butyl ether	9900	500		ug/L	143104	500	03/05/2011 11:20	JE
1,2-Dichloroethane	BRL	500		ug/L	143104	500	03/05/2011 11:20	JE
Surr: 4-Bromofluorobenzene	94.1	64.7-130		%REC	143104	500	03/05/2011 11:20	JE
Surr: Dibromofluoromethane	99.9	80.7-129		%REC	143104	500	03/05/2011 11:20	JE
Surr: Toluene-d8	95.7	71.1-120		%REC	143104	500	03/05/2011 11:20	JE
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	7.96	1.00		ug/L	142739	1	03/01/2011 23:18	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	50000		ug/L	143104	500	03/05/2011 11:20	JE
Ethanol	BRL	50000		ug/L	143104	500	03/05/2011 11:20	JE
Ethyl tert-butyl ether	BRL	50000		ug/L	143104	500	03/05/2011 11:20	JE
Isopropyl ether	BRL	5000		ug/L	143104	500	03/05/2011 11:20	JE
tert-Amyl alcohol	BRL	50000		ug/L	143104	500	03/05/2011 11:20	JE
tert-Amyl methyl ether	BRL	5000		ug/L	143104	500	03/05/2011 11:20	JE
tert-Butyl Alcohol	BRL	50000		ug/L	143104	500	03/05/2011 11:20	JE
tert-Butyl formate	BRL	50000		ug/L	143104	500	03/05/2011 11:20	JE
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142711	1	02/28/2011 23:16	AK
Surr: 4-Bromofluorobenzene	98.6	66.9-137		%REC	142711	1	02/28/2011 23:16	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-10
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 5:50:00 PM
Lab ID:	1102M58-004	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	3700	500		ug/L	143104	500	03/05/2011 12:46	JE
Toluene	12000	500		ug/L	143104	500	03/05/2011 12:46	JE
Ethylbenzene	1800	500		ug/L	143104	500	03/05/2011 12:46	JE
Xylenes, Total	10000	1500		ug/L	143104	500	03/05/2011 12:46	JE
Naphthalene	BRL	2500		ug/L	143104	500	03/05/2011 12:46	JE
Methyl tert-butyl ether	4600	500		ug/L	143104	500	03/05/2011 12:46	JE
1,2-Dichloroethane	BRL	500		ug/L	143104	500	03/05/2011 12:46	JE
Surr: 4-Bromofluorobenzene	93.8	64.7-130		%REC	143104	500	03/05/2011 12:46	JE
Surr: Dibromofluoromethane	100	80.7-129		%REC	143104	500	03/05/2011 12:46	JE
Surr: Toluene-d8	94.8	71.1-120		%REC	143104	500	03/05/2011 12:46	JE
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	25.3	1.00		ug/L	142739	1	03/01/2011 23:24	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	50000		ug/L	143104	500	03/05/2011 12:46	JE
Ethanol	BRL	50000		ug/L	143104	500	03/05/2011 12:46	JE
Ethyl tert-butyl ether	BRL	50000		ug/L	143104	500	03/05/2011 12:46	JE
Isopropyl ether	BRL	5000		ug/L	143104	500	03/05/2011 12:46	JE
tert-Amyl alcohol	BRL	50000		ug/L	143104	500	03/05/2011 12:46	JE
tert-Amyl methyl ether	BRL	5000		ug/L	143104	500	03/05/2011 12:46	JE
tert-Butyl Alcohol	BRL	50000		ug/L	143104	500	03/05/2011 12:46	JE
tert-Butyl formate	BRL	50000		ug/L	143104	500	03/05/2011 12:46	JE
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	4.23	0.822		ug/L	142711	40	03/03/2011 02:59	AK
Surr: 4-Bromofluorobenzene	91.7	66.9-137		%REC	142711	1	02/28/2011 23:54	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-11
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 7:20:00 AM
Lab ID:	1102M58-005	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	143104	1	03/05/2011 16:36	JE
Toluene	BRL	1.0		ug/L	143104	1	03/05/2011 16:36	JE
Ethylbenzene	BRL	1.0		ug/L	143104	1	03/05/2011 16:36	JE
Xylenes, Total	BRL	3.0		ug/L	143104	1	03/05/2011 16:36	JE
Naphthalene	BRL	5.0		ug/L	143104	1	03/05/2011 16:36	JE
Methyl tert-butyl ether	BRL	1.0		ug/L	143104	1	03/05/2011 16:36	JE
1,2-Dichloroethane	BRL	1.0		ug/L	143104	1	03/05/2011 16:36	JE
Surr: 4-Bromofluorobenzene	92	64.7-130		%REC	143104	1	03/05/2011 16:36	JE
Surr: Dibromofluoromethane	99	80.7-129		%REC	143104	1	03/05/2011 16:36	JE
Surr: Toluene-d8	96.9	71.1-120		%REC	143104	1	03/05/2011 16:36	JE
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	13.0	1.00		ug/L	142739	1	03/01/2011 23:30	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143104	1	03/05/2011 16:36	JE
Ethanol	BRL	100		ug/L	143104	1	03/05/2011 16:36	JE
Ethyl tert-butyl ether	BRL	100		ug/L	143104	1	03/05/2011 16:36	JE
Isopropyl ether	BRL	10		ug/L	143104	1	03/05/2011 16:36	JE
tert-Amyl alcohol	BRL	100		ug/L	143104	1	03/05/2011 16:36	JE
tert-Amyl methyl ether	BRL	10		ug/L	143104	1	03/05/2011 16:36	JE
tert-Butyl Alcohol	BRL	100		ug/L	143104	1	03/05/2011 16:36	JE
tert-Butyl formate	BRL	100		ug/L	143104	1	03/05/2011 16:36	JE
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142711	1	03/01/2011 01:08	AK
Surr: 4-Bromofluorobenzene	99.8	66.9-137		%REC	142711	1	03/01/2011 01:08	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-12
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 7:30:00 AM
Lab ID:	1102M58-006	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	143104	1	03/05/2011 17:05	JE
Toluene	BRL	1.0		ug/L	143104	1	03/05/2011 17:05	JE
Ethylbenzene	BRL	1.0		ug/L	143104	1	03/05/2011 17:05	JE
Xylenes, Total	BRL	3.0		ug/L	143104	1	03/05/2011 17:05	JE
Naphthalene	BRL	5.0		ug/L	143104	1	03/05/2011 17:05	JE
Methyl tert-butyl ether	22	1.0		ug/L	143104	1	03/05/2011 17:05	JE
1,2-Dichloroethane	BRL	1.0		ug/L	143104	1	03/05/2011 17:05	JE
Surr: 4-Bromofluorobenzene	93.9	64.7-130		%REC	143104	1	03/05/2011 17:05	JE
Surr: Dibromofluoromethane	101	80.7-129		%REC	143104	1	03/05/2011 17:05	JE
Surr: Toluene-d8	95.5	71.1-120		%REC	143104	1	03/05/2011 17:05	JE
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	13.8	1.00		ug/L	142739	1	03/01/2011 23:36	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143104	1	03/05/2011 17:05	JE
Ethanol	BRL	100		ug/L	143104	1	03/05/2011 17:05	JE
Ethyl tert-butyl ether	BRL	100		ug/L	143104	1	03/05/2011 17:05	JE
Isopropyl ether	BRL	10		ug/L	143104	1	03/05/2011 17:05	JE
tert-Amyl alcohol	BRL	100		ug/L	143104	1	03/05/2011 17:05	JE
tert-Amyl methyl ether	BRL	10		ug/L	143104	1	03/05/2011 17:05	JE
tert-Butyl Alcohol	BRL	100		ug/L	143104	1	03/05/2011 17:05	JE
tert-Butyl formate	BRL	100		ug/L	143104	1	03/05/2011 17:05	JE
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142711	1	03/01/2011 01:45	AK
Surr: 4-Bromofluorobenzene	103	66.9-137		%REC	142711	1	03/01/2011 01:45	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-13
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 7:35:00 AM
Lab ID:	1102M58-007	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	72	1.0		ug/L	143104	1	03/05/2011 17:33	JE
Toluene	6.9	1.0		ug/L	143104	1	03/05/2011 17:33	JE
Ethylbenzene	18	1.0		ug/L	143104	1	03/05/2011 17:33	JE
Xylenes, Total	13	3.0		ug/L	143104	1	03/05/2011 17:33	JE
Naphthalene	BRL	5.0		ug/L	143104	1	03/05/2011 17:33	JE
Methyl tert-butyl ether	180	1.0		ug/L	143104	1	03/05/2011 17:33	JE
1,2-Dichloroethane	BRL	1.0		ug/L	143104	1	03/05/2011 17:33	JE
Surr: 4-Bromofluorobenzene	94.1	64.7-130		%REC	143104	1	03/05/2011 17:33	JE
Surr: Dibromofluoromethane	99.1	80.7-129		%REC	143104	1	03/05/2011 17:33	JE
Surr: Toluene-d8	95.8	71.1-120		%REC	143104	1	03/05/2011 17:33	JE
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	6.09	1.00		ug/L	142739	1	03/01/2011 23:43	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143104	1	03/05/2011 17:33	JE
Ethanol	BRL	100		ug/L	143104	1	03/05/2011 17:33	JE
Ethyl tert-butyl ether	BRL	100		ug/L	143104	1	03/05/2011 17:33	JE
Isopropyl ether	12	10		ug/L	143104	1	03/05/2011 17:33	JE
tert-Amyl alcohol	170	100		ug/L	143104	1	03/05/2011 17:33	JE
tert-Amyl methyl ether	BRL	10		ug/L	143104	1	03/05/2011 17:33	JE
tert-Butyl Alcohol	960	100		ug/L	143104	1	03/05/2011 17:33	JE
tert-Butyl formate	BRL	100		ug/L	143104	1	03/05/2011 17:33	JE
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142711	1	03/01/2011 02:22	AK
Surr: 4-Bromofluorobenzene	99.2	66.9-137		%REC	142711	1	03/01/2011 02:22	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-14
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 7:45:00 AM
Lab ID:	1102M58-008	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	143104	1	03/05/2011 18:02	JE
Toluene	BRL	1.0		ug/L	143104	1	03/05/2011 18:02	JE
Ethylbenzene	BRL	1.0		ug/L	143104	1	03/05/2011 18:02	JE
Xylenes, Total	BRL	3.0		ug/L	143104	1	03/05/2011 18:02	JE
Naphthalene	BRL	5.0		ug/L	143104	1	03/05/2011 18:02	JE
Methyl tert-butyl ether	BRL	1.0		ug/L	143104	1	03/05/2011 18:02	JE
1,2-Dichloroethane	BRL	1.0		ug/L	143104	1	03/05/2011 18:02	JE
Surr: 4-Bromofluorobenzene	92.8	64.7-130		%REC	143104	1	03/05/2011 18:02	JE
Surr: Dibromofluoromethane	104	80.7-129		%REC	143104	1	03/05/2011 18:02	JE
Surr: Toluene-d8	93	71.1-120		%REC	143104	1	03/05/2011 18:02	JE
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	14.0	1.00		ug/L	142739	1	03/01/2011 23:49	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143104	1	03/05/2011 18:02	JE
Ethanol	BRL	100		ug/L	143104	1	03/05/2011 18:02	JE
Ethyl tert-butyl ether	BRL	100		ug/L	143104	1	03/05/2011 18:02	JE
Isopropyl ether	BRL	10		ug/L	143104	1	03/05/2011 18:02	JE
tert-Amyl alcohol	BRL	100		ug/L	143104	1	03/05/2011 18:02	JE
tert-Amyl methyl ether	BRL	10		ug/L	143104	1	03/05/2011 18:02	JE
tert-Butyl Alcohol	BRL	100		ug/L	143104	1	03/05/2011 18:02	JE
tert-Butyl formate	BRL	100		ug/L	143104	1	03/05/2011 18:02	JE
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142711	1	03/01/2011 03:00	AK
Surr: 4-Bromofluorobenzene	106	66.9-137		%REC	142711	1	03/01/2011 03:00	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-15
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 4:00:00 PM
Lab ID:	1102M58-009	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	770	10		ug/L	143104	10	03/05/2011 15:38	JE
Toluene	940	10		ug/L	143104	10	03/05/2011 15:38	JE
Ethylbenzene	510	10		ug/L	143104	10	03/05/2011 15:38	JE
Xylenes, Total	2500	30		ug/L	143104	10	03/05/2011 15:38	JE
Naphthalene	190	50		ug/L	143104	10	03/05/2011 15:38	JE
Methyl tert-butyl ether	1200	10		ug/L	143104	10	03/05/2011 15:38	JE
1,2-Dichloroethane	BRL	1.0		ug/L	143104	1	03/08/2011 15:52	AR
Surr: 4-Bromofluorobenzene	96.3	64.7-130		%REC	143104	10	03/05/2011 15:38	JE
Surr: 4-Bromofluorobenzene	106	64.7-130		%REC	143104	1	03/08/2011 15:52	AR
Surr: Dibromofluoromethane	81.4	80.7-129		%REC	143104	1	03/08/2011 15:52	AR
Surr: Dibromofluoromethane	101	80.7-129		%REC	143104	10	03/05/2011 15:38	JE
Surr: Toluene-d8	89.6	71.1-120		%REC	143104	1	03/08/2011 15:52	AR
Surr: Toluene-d8	96.3	71.1-120		%REC	143104	10	03/05/2011 15:38	JE
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	7.74	1.00		ug/L	142739	1	03/01/2011 23:55	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143104	1	03/08/2011 15:52	AR
Ethanol	BRL	100		ug/L	143104	1	03/08/2011 15:52	AR
Ethyl tert-butyl ether	BRL	100		ug/L	143104	1	03/08/2011 15:52	AR
Isopropyl ether	59	10		ug/L	143104	1	03/08/2011 15:52	AR
tert-Amyl alcohol	1600	100		ug/L	143104	1	03/08/2011 15:52	AR
tert-Amyl methyl ether	73	10		ug/L	143104	1	03/08/2011 15:52	AR
tert-Butyl Alcohol	2300	100		ug/L	143104	1	03/08/2011 15:52	AR
tert-Butyl formate	BRL	100		ug/L	143104	1	03/08/2011 15:52	AR
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142711	1	03/01/2011 03:37	AK
Surr: 4-Bromofluorobenzene	97.1	66.9-137		%REC	142711	1	03/01/2011 03:37	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-16
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/25/2011 8:50:00 AM
Lab ID:	1102M58-010	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	60	1.0		ug/L	143104	1	03/05/2011 18:30	JE
Toluene	4.6	1.0		ug/L	143104	1	03/05/2011 18:30	JE
Ethylbenzene	4.8	1.0		ug/L	143104	1	03/05/2011 18:30	JE
Xylenes, Total	18	3.0		ug/L	143104	1	03/05/2011 18:30	JE
Naphthalene	9.0	5.0		ug/L	143104	1	03/05/2011 18:30	JE
Methyl tert-butyl ether	200	1.0		ug/L	143104	1	03/05/2011 18:30	JE
1,2-Dichloroethane	BRL	1.0		ug/L	143104	1	03/05/2011 18:30	JE
Surr: 4-Bromofluorobenzene	91.8	64.7-130		%REC	143104	1	03/05/2011 18:30	JE
Surr: Dibromofluoromethane	97.5	80.7-129		%REC	143104	1	03/05/2011 18:30	JE
Surr: Toluene-d8	95.3	71.1-120		%REC	143104	1	03/05/2011 18:30	JE
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	2.14	1.00		ug/L	142739	1	03/02/2011 00:20	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143104	1	03/05/2011 18:30	JE
Ethanol	BRL	100		ug/L	143104	1	03/05/2011 18:30	JE
Ethyl tert-butyl ether	BRL	100		ug/L	143104	1	03/05/2011 18:30	JE
Isopropyl ether	13	10		ug/L	143104	1	03/05/2011 18:30	JE
tert-Amyl alcohol	BRL	100		ug/L	143104	1	03/05/2011 18:30	JE
tert-Amyl methyl ether	BRL	10		ug/L	143104	1	03/05/2011 18:30	JE
tert-Butyl Alcohol	BRL	100		ug/L	143104	1	03/05/2011 18:30	JE
tert-Butyl formate	BRL	100		ug/L	143104	1	03/05/2011 18:30	JE
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142711	1	03/01/2011 04:14	AK
Surr: 4-Bromofluorobenzene	98	66.9-137		%REC	142711	1	03/01/2011 04:14	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-17
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/25/2011 9:25:00 AM
Lab ID:	1102M58-011	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Benzene	51	1.0		ug/L	143104	1	03/05/2011 18:59	JE
Toluene	BRL	1.0		ug/L	143104	1	03/05/2011 18:59	JE
Ethylbenzene	7.4	1.0		ug/L	143104	1	03/05/2011 18:59	JE
Xylenes, Total	BRL	3.0		ug/L	143104	1	03/05/2011 18:59	JE
Naphthalene	13	5.0		ug/L	143104	1	03/05/2011 18:59	JE
Methyl tert-butyl ether	220	10		ug/L	143104	10	03/08/2011 04:48	JE
1,2-Dichloroethane	BRL	1.0		ug/L	143104	1	03/05/2011 18:59	JE
Surr: 4-Bromofluorobenzene	92.9	64.7-130		%REC	143104	1	03/05/2011 18:59	JE
Surr: 4-Bromofluorobenzene	101	64.7-130		%REC	143104	10	03/08/2011 04:48	JE
Surr: Dibromofluoromethane	97.9	80.7-129		%REC	143104	1	03/05/2011 18:59	JE
Surr: Dibromofluoromethane	99.5	80.7-129		%REC	143104	10	03/08/2011 04:48	JE
Surr: Toluene-d8	94.6	71.1-120		%REC	143104	1	03/05/2011 18:59	JE
Surr: Toluene-d8	95.4	71.1-120		%REC	143104	10	03/08/2011 04:48	JE
Total Metals by ICP/MS SW6020A (SW3005A)								
Lead	2.01	1.00		ug/L	142739	1	03/02/2011 00:26	JY
Oxygenates (AES SOP OA-11010) SW8260B (SW5030B)								
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143104	1	03/05/2011 18:59	JE
Ethanol	BRL	100		ug/L	143104	1	03/05/2011 18:59	JE
Ethyl tert-butyl ether	BRL	100		ug/L	143104	1	03/05/2011 18:59	JE
Isopropyl ether	12	10		ug/L	143104	1	03/05/2011 18:59	JE
tert-Amyl alcohol	BRL	100		ug/L	143104	1	03/05/2011 18:59	JE
tert-Amyl methyl ether	BRL	10		ug/L	143104	1	03/05/2011 18:59	JE
tert-Butyl Alcohol	BRL	100		ug/L	143104	1	03/05/2011 18:59	JE
tert-Butyl formate	BRL	100		ug/L	143104	1	03/05/2011 18:59	JE
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142711	1	03/01/2011 04:52	AK
Surr: 4-Bromofluorobenzene	98.2	66.9-137		%REC	142711	1	03/01/2011 04:52	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-18
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/25/2011 8:15:00 AM
Lab ID:	1102M58-012	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Benzene	370	50		ug/L	143104	50	03/05/2011 13:44	JE
Toluene	340	50		ug/L	143104	50	03/05/2011 13:44	JE
Ethylbenzene	140	1.0		ug/L	143104	1	03/08/2011 03:22	JE
Xylenes, Total	1400	150		ug/L	143104	50	03/05/2011 13:44	JE
Naphthalene	110	5.0		ug/L	143104	1	03/08/2011 03:22	JE
Methyl tert-butyl ether	930	50		ug/L	143104	50	03/05/2011 13:44	JE
1,2-Dichloroethane	BRL	1.0		ug/L	143104	1	03/08/2011 03:22	JE
Surr: 4-Bromofluorobenzene	93.7	64.7-130		%REC	143104	50	03/05/2011 13:44	JE
Surr: 4-Bromofluorobenzene	99.9	64.7-130		%REC	143104	1	03/08/2011 03:22	JE
Surr: Dibromofluoromethane	97.7	80.7-129		%REC	143104	50	03/05/2011 13:44	JE
Surr: Dibromofluoromethane	99	80.7-129		%REC	143104	1	03/08/2011 03:22	JE
Surr: Toluene-d8	94	71.1-120		%REC	143104	50	03/05/2011 13:44	JE
Surr: Toluene-d8	99.7	71.1-120		%REC	143104	1	03/08/2011 03:22	JE
Total Metals by ICP/MS SW6020A (SW3005A)								
Lead	1.26	1.00		ug/L	142739	1	03/02/2011 00:32	JY
Oxygenates (AES SOP OA-11010) SW8260B (SW5030B)								
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143104	1	03/08/2011 03:22	JE
Ethanol	BRL	100		ug/L	143104	1	03/08/2011 03:22	JE
Ethyl tert-butyl ether	BRL	100		ug/L	143104	1	03/08/2011 03:22	JE
Isopropyl ether	65	10		ug/L	143104	1	03/08/2011 03:22	JE
tert-Amyl alcohol	BRL	100		ug/L	143104	1	03/08/2011 03:22	JE
tert-Amyl methyl ether	35	10		ug/L	143104	1	03/08/2011 03:22	JE
tert-Butyl Alcohol	390	100		ug/L	143104	1	03/08/2011 03:22	JE
tert-Butyl formate	BRL	100		ug/L	143104	1	03/08/2011 03:22	JE
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.021		ug/L	142711	1	03/01/2011 05:29	AK
Surr: 4-Bromofluorobenzene	114	66.9-137		%REC	142711	1	03/01/2011 05:29	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-21
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/25/2011 10:40:00 AM
Lab ID:	1102M58-013	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	143104	1	03/05/2011 19:28	JE
Toluene	BRL	1.0		ug/L	143104	1	03/05/2011 19:28	JE
Ethylbenzene	BRL	1.0		ug/L	143104	1	03/05/2011 19:28	JE
Xylenes, Total	BRL	3.0		ug/L	143104	1	03/05/2011 19:28	JE
Naphthalene	BRL	5.0		ug/L	143104	1	03/05/2011 19:28	JE
Methyl tert-butyl ether	BRL	1.0		ug/L	143104	1	03/05/2011 19:28	JE
1,2-Dichloroethane	BRL	1.0		ug/L	143104	1	03/05/2011 19:28	JE
Surr: 4-Bromofluorobenzene	91.1	64.7-130		%REC	143104	1	03/05/2011 19:28	JE
Surr: Dibromofluoromethane	99.7	80.7-129		%REC	143104	1	03/05/2011 19:28	JE
Surr: Toluene-d8	97	71.1-120		%REC	143104	1	03/05/2011 19:28	JE
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	28.9	1.00		ug/L	142739	1	03/02/2011 00:38	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143104	1	03/05/2011 19:28	JE
Ethanol	BRL	100		ug/L	143104	1	03/05/2011 19:28	JE
Ethyl tert-butyl ether	BRL	100		ug/L	143104	1	03/05/2011 19:28	JE
Isopropyl ether	BRL	10		ug/L	143104	1	03/05/2011 19:28	JE
tert-Amyl alcohol	BRL	100		ug/L	143104	1	03/05/2011 19:28	JE
tert-Amyl methyl ether	BRL	10		ug/L	143104	1	03/05/2011 19:28	JE
tert-Butyl Alcohol	BRL	100		ug/L	143104	1	03/05/2011 19:28	JE
tert-Butyl formate	BRL	100		ug/L	143104	1	03/05/2011 19:28	JE
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142711	1	03/01/2011 06:06	AK
Surr: 4-Bromofluorobenzene	103	66.9-137		%REC	142711	1	03/01/2011 06:06	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-22
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 1:15:00 PM
Lab ID:	1102M58-014	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	143104	1	03/08/2011 03:51	JE
Toluene	BRL	1.0		ug/L	143104	1	03/08/2011 03:51	JE
Ethylbenzene	BRL	1.0		ug/L	143104	1	03/08/2011 03:51	JE
Xylenes, Total	BRL	3.0		ug/L	143104	1	03/08/2011 03:51	JE
Naphthalene	BRL	5.0		ug/L	143104	1	03/08/2011 03:51	JE
Methyl tert-butyl ether	BRL	1.0		ug/L	143104	1	03/08/2011 03:51	JE
1,2-Dichloroethane	BRL	1.0		ug/L	143104	1	03/08/2011 03:51	JE
Surr: 4-Bromofluorobenzene	98.4	64.7-130		%REC	143104	1	03/08/2011 03:51	JE
Surr: Dibromofluoromethane	99.3	80.7-129		%REC	143104	1	03/08/2011 03:51	JE
Surr: Toluene-d8	95.1	71.1-120		%REC	143104	1	03/08/2011 03:51	JE
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	15.2	1.00		ug/L	142739	1	03/02/2011 00:45	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143104	1	03/08/2011 03:51	JE
Ethanol	BRL	100		ug/L	143104	1	03/08/2011 03:51	JE
Ethyl tert-butyl ether	BRL	100		ug/L	143104	1	03/08/2011 03:51	JE
Isopropyl ether	BRL	10		ug/L	143104	1	03/08/2011 03:51	JE
tert-Amyl alcohol	BRL	100		ug/L	143104	1	03/08/2011 03:51	JE
tert-Amyl methyl ether	BRL	10		ug/L	143104	1	03/08/2011 03:51	JE
tert-Butyl Alcohol	BRL	100		ug/L	143104	1	03/08/2011 03:51	JE
tert-Butyl formate	BRL	100		ug/L	143104	1	03/08/2011 03:51	JE
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142711	1	03/01/2011 07:21	AK
Surr: 4-Bromofluorobenzene	104	66.9-137		%REC	142711	1	03/01/2011 07:21	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-23
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 1:55:00 PM
Lab ID:	1102M58-015	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	46	1.0		ug/L	143104	1	03/05/2011 19:57	JE
Toluene	4.6	1.0		ug/L	143104	1	03/05/2011 19:57	JE
Ethylbenzene	40	1.0		ug/L	143104	1	03/05/2011 19:57	JE
Xylenes, Total	BRL	3.0		ug/L	143104	1	03/05/2011 19:57	JE
Naphthalene	73	5.0		ug/L	143104	1	03/05/2011 19:57	JE
Methyl tert-butyl ether	140	1.0		ug/L	143104	1	03/05/2011 19:57	JE
1,2-Dichloroethane	BRL	1.0		ug/L	143104	1	03/05/2011 19:57	JE
Surr: 4-Bromofluorobenzene	94.6	64.7-130		%REC	143104	1	03/05/2011 19:57	JE
Surr: Dibromofluoromethane	98.7	80.7-129		%REC	143104	1	03/05/2011 19:57	JE
Surr: Toluene-d8	95.4	71.1-120		%REC	143104	1	03/05/2011 19:57	JE
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	10.6	1.00		ug/L	142739	1	03/02/2011 00:51	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143104	1	03/05/2011 19:57	JE
Ethanol	BRL	100		ug/L	143104	1	03/05/2011 19:57	JE
Ethyl tert-butyl ether	BRL	100		ug/L	143104	1	03/05/2011 19:57	JE
Isopropyl ether	BRL	10		ug/L	143104	1	03/05/2011 19:57	JE
tert-Amyl alcohol	120	100		ug/L	143104	1	03/05/2011 19:57	JE
tert-Amyl methyl ether	BRL	10		ug/L	143104	1	03/05/2011 19:57	JE
tert-Butyl Alcohol	360	100		ug/L	143104	1	03/05/2011 19:57	JE
tert-Butyl formate	BRL	100		ug/L	143104	1	03/05/2011 19:57	JE
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142711	1	03/01/2011 07:58	AK
Surr: 4-Bromofluorobenzene	101	66.9-137		%REC	142711	1	03/01/2011 07:58	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-24
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 2:10:00 PM
Lab ID:	1102M58-016	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	38	1.0		ug/L	143104	1	03/08/2011 04:20	JE
Toluene	63	1.0		ug/L	143104	1	03/08/2011 04:20	JE
Ethylbenzene	460	50		ug/L	143104	50	03/05/2011 15:09	JE
Xylenes, Total	760	150		ug/L	143104	50	03/05/2011 15:09	JE
Naphthalene	200	150		ug/L	143104	50	03/05/2011 15:09	JE
Methyl tert-butyl ether	BRL	1.0		ug/L	143104	1	03/08/2011 04:20	JE
1,2-Dichloroethane	BRL	1.0		ug/L	143104	1	03/08/2011 04:20	JE
Surr: 4-Bromofluorobenzene	94.3	64.7-130		%REC	143104	50	03/05/2011 15:09	JE
Surr: 4-Bromofluorobenzene	101	64.7-130		%REC	143104	1	03/08/2011 04:20	JE
Surr: Dibromofluoromethane	101	80.7-129		%REC	143104	50	03/05/2011 15:09	JE
Surr: Dibromofluoromethane	97.6	80.7-129		%REC	143104	1	03/08/2011 04:20	JE
Surr: Toluene-d8	93.7	71.1-120		%REC	143104	50	03/05/2011 15:09	JE
Surr: Toluene-d8	98.9	71.1-120		%REC	143104	1	03/08/2011 04:20	JE
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	11.0	1.00		ug/L	142739	1	03/02/2011 00:57	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143104	1	03/08/2011 04:20	JE
Ethanol	BRL	100		ug/L	143104	1	03/08/2011 04:20	JE
Ethyl tert-butyl ether	BRL	100		ug/L	143104	1	03/08/2011 04:20	JE
Isopropyl ether	BRL	10		ug/L	143104	1	03/08/2011 04:20	JE
tert-Amyl alcohol	BRL	100		ug/L	143104	1	03/08/2011 04:20	JE
tert-Amyl methyl ether	BRL	10		ug/L	143104	1	03/08/2011 04:20	JE
tert-Butyl Alcohol	BRL	100		ug/L	143104	1	03/08/2011 04:20	JE
tert-Butyl formate	BRL	100		ug/L	143104	1	03/08/2011 04:20	JE
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142711	1	03/01/2011 08:36	AK
Surr: 4-Bromofluorobenzene	98.6	66.9-137		%REC	142711	1	03/01/2011 08:36	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-25
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 2:20:00 PM
Lab ID:	1102M58-017	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	300	10		ug/L	143104	10	03/08/2011 05:17	JE
Toluene	17	1.0		ug/L	143104	1	03/05/2011 20:26	JE
Ethylbenzene	420	10		ug/L	143104	10	03/08/2011 05:17	JE
Xylenes, Total	560	30		ug/L	143104	10	03/08/2011 05:17	JE
Naphthalene	190	5.0		ug/L	143104	1	03/05/2011 20:26	JE
Methyl tert-butyl ether	250	10		ug/L	143104	10	03/08/2011 05:17	JE
1,2-Dichloroethane	BRL	1.0		ug/L	143104	1	03/05/2011 20:26	JE
Surr: 4-Bromofluorobenzene	97.4	64.7-130		%REC	143104	10	03/08/2011 05:17	JE
Surr: 4-Bromofluorobenzene	98.4	64.7-130		%REC	143104	1	03/05/2011 20:26	JE
Surr: Dibromofluoromethane	97.7	80.7-129		%REC	143104	10	03/08/2011 05:17	JE
Surr: Dibromofluoromethane	98.9	80.7-129		%REC	143104	1	03/05/2011 20:26	JE
Surr: Toluene-d8	96	71.1-120		%REC	143104	10	03/08/2011 05:17	JE
Surr: Toluene-d8	98.5	71.1-120		%REC	143104	1	03/05/2011 20:26	JE
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	1.94	1.00		ug/L	142739	1	03/02/2011 01:03	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143104	1	03/05/2011 20:26	JE
Ethanol	BRL	100		ug/L	143104	1	03/05/2011 20:26	JE
Ethyl tert-butyl ether	BRL	100		ug/L	143104	1	03/05/2011 20:26	JE
Isopropyl ether	BRL	10		ug/L	143104	1	03/05/2011 20:26	JE
tert-Amyl alcohol	290	100		ug/L	143104	1	03/05/2011 20:26	JE
tert-Amyl methyl ether	BRL	10		ug/L	143104	1	03/05/2011 20:26	JE
tert-Butyl Alcohol	530	100		ug/L	143104	1	03/05/2011 20:26	JE
tert-Butyl formate	BRL	100		ug/L	143104	1	03/05/2011 20:26	JE
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142711	1	03/01/2011 09:13	AK
Surr: 4-Bromofluorobenzene	94.4	66.9-137		%REC	142711	1	03/01/2011 09:13	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-26
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 3:10:00 PM
Lab ID:	1102M58-018	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	2300	50		ug/L	143104	50	03/05/2011 14:41	JE
Toluene	63	1.0		ug/L	143104	1	03/08/2011 16:17	AR
Ethylbenzene	1700	50		ug/L	143104	50	03/05/2011 14:41	JE
Xylenes, Total	2600	150		ug/L	143104	50	03/05/2011 14:41	JE
Naphthalene	490	250		ug/L	143104	50	03/05/2011 14:41	JE
Methyl tert-butyl ether	520	50		ug/L	143104	50	03/05/2011 14:41	JE
1,2-Dichloroethane	BRL	1.0		ug/L	143104	1	03/08/2011 16:17	AR
Surr: 4-Bromofluorobenzene	97.5	64.7-130		%REC	143104	50	03/05/2011 14:41	JE
Surr: 4-Bromofluorobenzene	107	64.7-130		%REC	143104	1	03/08/2011 16:17	AR
Surr: Dibromofluoromethane	98.7	80.7-129		%REC	143104	50	03/05/2011 14:41	JE
Surr: Dibromofluoromethane	79.2	80.7-129	S	%REC	143104	1	03/08/2011 16:17	AR
Surr: Toluene-d8	93.7	71.1-120		%REC	143104	50	03/05/2011 14:41	JE
Surr: Toluene-d8	87.3	71.1-120		%REC	143104	1	03/08/2011 16:17	AR
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	29.8	1.00		ug/L	142739	1	03/02/2011 01:09	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143104	1	03/08/2011 16:17	AR
Ethanol	BRL	100		ug/L	143104	1	03/08/2011 16:17	AR
Ethyl tert-butyl ether	BRL	100		ug/L	143104	1	03/08/2011 16:17	AR
Isopropyl ether	58	10		ug/L	143104	1	03/08/2011 16:17	AR
tert-Amyl alcohol	2300	100		ug/L	143104	1	03/08/2011 16:17	AR
tert-Amyl methyl ether	48	10		ug/L	143104	1	03/08/2011 16:17	AR
tert-Butyl Alcohol	2100	100		ug/L	143104	1	03/08/2011 16:17	AR
tert-Butyl formate	BRL	100		ug/L	143104	1	03/08/2011 16:17	AR
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142711	1	03/01/2011 09:50	AK
Surr: 4-Bromofluorobenzene	88.7	66.9-137		%REC	142711	1	03/01/2011 09:50	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-27
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 3:15:00 PM
Lab ID:	1102M58-019	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	510	10		ug/L	143104	10	03/08/2011 05:46	JE
Toluene	50	10		ug/L	143104	10	03/08/2011 05:46	JE
Ethylbenzene	1400	10		ug/L	143104	10	03/08/2011 05:46	JE
Xylenes, Total	660	30		ug/L	143104	10	03/08/2011 05:46	JE
Naphthalene	550	50		ug/L	143104	10	03/08/2011 05:46	JE
Methyl tert-butyl ether	28	10		ug/L	143104	10	03/08/2011 05:46	JE
1,2-Dichloroethane	BRL	1.0		ug/L	143104	1	03/08/2011 08:08	JE
Surr: 4-Bromofluorobenzene	99.5	64.7-130		%REC	143104	1	03/08/2011 08:08	JE
Surr: 4-Bromofluorobenzene	101	64.7-130		%REC	143104	10	03/08/2011 05:46	JE
Surr: Dibromofluoromethane	97.9	80.7-129		%REC	143104	1	03/08/2011 08:08	JE
Surr: Dibromofluoromethane	99.1	80.7-129		%REC	143104	10	03/08/2011 05:46	JE
Surr: Toluene-d8	97.7	71.1-120		%REC	143104	10	03/08/2011 05:46	JE
Surr: Toluene-d8	100	71.1-120		%REC	143104	1	03/08/2011 08:08	JE
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	36.8	1.00		ug/L	142739	1	03/02/2011 01:16	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143104	1	03/08/2011 08:08	JE
Ethanol	BRL	100		ug/L	143104	1	03/08/2011 08:08	JE
Ethyl tert-butyl ether	BRL	100		ug/L	143104	1	03/08/2011 08:08	JE
Isopropyl ether	BRL	10		ug/L	143104	1	03/08/2011 08:08	JE
tert-Amyl alcohol	BRL	100		ug/L	143104	1	03/08/2011 08:08	JE
tert-Amyl methyl ether	BRL	10		ug/L	143104	1	03/08/2011 08:08	JE
tert-Butyl Alcohol	BRL	100		ug/L	143104	1	03/08/2011 08:08	JE
tert-Butyl formate	BRL	100		ug/L	143104	1	03/08/2011 08:08	JE
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142711	1	03/01/2011 10:28	AK
Surr: 4-Bromofluorobenzene	96.9	66.9-137		%REC	142711	1	03/01/2011 10:28	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-28
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 2:40:00 PM
Lab ID:	1102M58-020	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	143104	1	03/08/2011 02:53	JE
Toluene	BRL	1.0		ug/L	143104	1	03/08/2011 02:53	JE
Ethylbenzene	BRL	1.0		ug/L	143104	1	03/08/2011 02:53	JE
Xylenes, Total	BRL	3.0		ug/L	143104	1	03/08/2011 02:53	JE
Naphthalene	5.9	5.0		ug/L	143104	1	03/08/2011 02:53	JE
Methyl tert-butyl ether	54	1.0		ug/L	143104	1	03/08/2011 02:53	JE
1,2-Dichloroethane	BRL	1.0		ug/L	143104	1	03/08/2011 02:53	JE
Surr: 4-Bromofluorobenzene	99.9	64.7-130		%REC	143104	1	03/08/2011 02:53	JE
Surr: Dibromofluoromethane	101	80.7-129		%REC	143104	1	03/08/2011 02:53	JE
Surr: Toluene-d8	94.2	71.1-120		%REC	143104	1	03/08/2011 02:53	JE
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	20.4	1.00		ug/L	142739	1	03/02/2011 01:40	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143104	1	03/08/2011 02:53	JE
Ethanol	BRL	100		ug/L	143104	1	03/08/2011 02:53	JE
Ethyl tert-butyl ether	BRL	100		ug/L	143104	1	03/08/2011 02:53	JE
Isopropyl ether	BRL	10		ug/L	143104	1	03/08/2011 02:53	JE
tert-Amyl alcohol	BRL	100		ug/L	143104	1	03/08/2011 02:53	JE
tert-Amyl methyl ether	BRL	10		ug/L	143104	1	03/08/2011 02:53	JE
tert-Butyl Alcohol	BRL	100		ug/L	143104	1	03/08/2011 02:53	JE
tert-Butyl formate	BRL	100		ug/L	143104	1	03/08/2011 02:53	JE
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142711	1	03/01/2011 11:06	AK
Surr: 4-Bromofluorobenzene	98.9	66.9-137		%REC	142711	1	03/01/2011 11:06	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-29
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/25/2011 10:10:00 AM
Lab ID:	1102M58-021	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	20		ug/L	143063	20	03/04/2011 20:07	AR
Toluene	53	20		ug/L	143063	20	03/04/2011 20:07	AR
Ethylbenzene	120	20		ug/L	143063	20	03/04/2011 20:07	AR
Xylenes, Total	270	60		ug/L	143063	20	03/04/2011 20:07	AR
Naphthalene	BRL	100		ug/L	143063	20	03/04/2011 20:07	AR
Methyl tert-butyl ether	BRL	20		ug/L	143063	20	03/04/2011 20:07	AR
1,2-Dichloroethane	BRL	20		ug/L	143063	20	03/04/2011 20:07	AR
Surr: 4-Bromofluorobenzene	89	64.7-130		%REC	143063	20	03/04/2011 20:07	AR
Surr: Dibromofluoromethane	97.5	80.7-129		%REC	143063	20	03/04/2011 20:07	AR
Surr: Toluene-d8	89.6	71.1-120		%REC	143063	20	03/04/2011 20:07	AR
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	6.40	1.00		ug/L	142740	1	03/02/2011 01:59	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	2000		ug/L	143063	20	03/04/2011 20:07	AR
Ethanol	BRL	2000		ug/L	143063	20	03/04/2011 20:07	AR
Ethyl tert-butyl ether	BRL	2000		ug/L	143063	20	03/04/2011 20:07	AR
Isopropyl ether	BRL	200		ug/L	143063	20	03/04/2011 20:07	AR
tert-Amyl alcohol	BRL	2000		ug/L	143063	20	03/04/2011 20:07	AR
tert-Amyl methyl ether	BRL	200		ug/L	143063	20	03/04/2011 20:07	AR
tert-Butyl Alcohol	BRL	2000		ug/L	143063	20	03/04/2011 20:07	AR
tert-Butyl formate	BRL	2000		ug/L	143063	20	03/04/2011 20:07	AR
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142737	1	03/01/2011 19:15	AK
Surr: 4-Bromofluorobenzene	103	66.9-137		%REC	142737	1	03/01/2011 19:15	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-30
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/25/2011 10:25:00 AM
Lab ID:	1102M58-022	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	2.2	1.0		ug/L	143063	1	03/04/2011 20:32	AR
Toluene	BRL	1.0		ug/L	143063	1	03/04/2011 20:32	AR
Ethylbenzene	BRL	1.0		ug/L	143063	1	03/04/2011 20:32	AR
Xylenes, Total	BRL	3.0		ug/L	143063	1	03/04/2011 20:32	AR
Naphthalene	BRL	5.0		ug/L	143063	1	03/04/2011 20:32	AR
Methyl tert-butyl ether	6.1	1.0		ug/L	143063	1	03/04/2011 20:32	AR
1,2-Dichloroethane	BRL	1.0		ug/L	143063	1	03/04/2011 20:32	AR
Surr: 4-Bromofluorobenzene	80.5	64.7-130		%REC	143063	1	03/04/2011 20:32	AR
Surr: Dibromofluoromethane	101	80.7-129		%REC	143063	1	03/04/2011 20:32	AR
Surr: Toluene-d8	88.3	71.1-120		%REC	143063	1	03/04/2011 20:32	AR
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	BRL	1.00		ug/L	142740	1	03/02/2011 02:30	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143063	1	03/04/2011 20:32	AR
Ethanol	BRL	100		ug/L	143063	1	03/04/2011 20:32	AR
Ethyl tert-butyl ether	BRL	100		ug/L	143063	1	03/04/2011 20:32	AR
Isopropyl ether	BRL	10		ug/L	143063	1	03/04/2011 20:32	AR
tert-Amyl alcohol	BRL	100		ug/L	143063	1	03/04/2011 20:32	AR
tert-Amyl methyl ether	BRL	10		ug/L	143063	1	03/04/2011 20:32	AR
tert-Butyl Alcohol	BRL	100		ug/L	143063	1	03/04/2011 20:32	AR
tert-Butyl formate	BRL	100		ug/L	143063	1	03/04/2011 20:32	AR
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142737	1	03/01/2011 20:30	AK
Surr: 4-Bromofluorobenzene	103	66.9-137		%REC	142737	1	03/01/2011 20:30	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-31
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/25/2011 11:50:00 AM
Lab ID:	1102M58-023	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	143063	1	03/04/2011 20:57	AR
Toluene	BRL	1.0		ug/L	143063	1	03/04/2011 20:57	AR
Ethylbenzene	BRL	1.0		ug/L	143063	1	03/04/2011 20:57	AR
Xylenes, Total	BRL	3.0		ug/L	143063	1	03/04/2011 20:57	AR
Naphthalene	BRL	5.0		ug/L	143063	1	03/04/2011 20:57	AR
Methyl tert-butyl ether	BRL	1.0		ug/L	143063	1	03/04/2011 20:57	AR
1,2-Dichloroethane	BRL	1.0		ug/L	143063	1	03/04/2011 20:57	AR
Surr: 4-Bromofluorobenzene	83.4	64.7-130		%REC	143063	1	03/04/2011 20:57	AR
Surr: Dibromofluoromethane	103	80.7-129		%REC	143063	1	03/04/2011 20:57	AR
Surr: Toluene-d8	91.1	71.1-120		%REC	143063	1	03/04/2011 20:57	AR
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	8.18	1.00		ug/L	142740	1	03/02/2011 02:37	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143063	1	03/04/2011 20:57	AR
Ethanol	BRL	100		ug/L	143063	1	03/04/2011 20:57	AR
Ethyl tert-butyl ether	BRL	100		ug/L	143063	1	03/04/2011 20:57	AR
Isopropyl ether	BRL	10		ug/L	143063	1	03/04/2011 20:57	AR
tert-Amyl alcohol	BRL	100		ug/L	143063	1	03/04/2011 20:57	AR
tert-Amyl methyl ether	BRL	10		ug/L	143063	1	03/04/2011 20:57	AR
tert-Butyl Alcohol	BRL	100		ug/L	143063	1	03/04/2011 20:57	AR
tert-Butyl formate	BRL	100		ug/L	143063	1	03/04/2011 20:57	AR
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142737	1	03/01/2011 21:07	AK
Surr: 4-Bromofluorobenzene	108	66.9-137		%REC	142737	1	03/01/2011 21:07	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-32
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/25/2011 11:45:00 AM
Lab ID:	1102M58-024	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	143063	1	03/04/2011 21:22	AR
Toluene	BRL	1.0		ug/L	143063	1	03/04/2011 21:22	AR
Ethylbenzene	BRL	1.0		ug/L	143063	1	03/04/2011 21:22	AR
Xylenes, Total	BRL	3.0		ug/L	143063	1	03/04/2011 21:22	AR
Naphthalene	BRL	5.0		ug/L	143063	1	03/04/2011 21:22	AR
Methyl tert-butyl ether	BRL	1.0		ug/L	143063	1	03/04/2011 21:22	AR
1,2-Dichloroethane	BRL	1.0		ug/L	143063	1	03/04/2011 21:22	AR
Surr: 4-Bromofluorobenzene	83	64.7-130		%REC	143063	1	03/04/2011 21:22	AR
Surr: Dibromofluoromethane	102	80.7-129		%REC	143063	1	03/04/2011 21:22	AR
Surr: Toluene-d8	90	71.1-120		%REC	143063	1	03/04/2011 21:22	AR
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	11.9	1.00		ug/L	142740	1	03/02/2011 03:01	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143063	1	03/04/2011 21:22	AR
Ethanol	BRL	100		ug/L	143063	1	03/04/2011 21:22	AR
Ethyl tert-butyl ether	BRL	100		ug/L	143063	1	03/04/2011 21:22	AR
Isopropyl ether	BRL	10		ug/L	143063	1	03/04/2011 21:22	AR
tert-Amyl alcohol	BRL	100		ug/L	143063	1	03/04/2011 21:22	AR
tert-Amyl methyl ether	BRL	10		ug/L	143063	1	03/04/2011 21:22	AR
tert-Butyl Alcohol	BRL	100		ug/L	143063	1	03/04/2011 21:22	AR
tert-Butyl formate	BRL	100		ug/L	143063	1	03/04/2011 21:22	AR
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.021		ug/L	142737	1	03/01/2011 21:45	AK
Surr: 4-Bromofluorobenzene	106	66.9-137		%REC	142737	1	03/01/2011 21:45	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-33
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/25/2011 11:40:00 AM
Lab ID:	1102M58-025	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	143063	1	03/08/2011 16:42	AR
Toluene	BRL	1.0		ug/L	143063	1	03/08/2011 16:42	AR
Ethylbenzene	5.0	1.0		ug/L	143063	1	03/08/2011 16:42	AR
Xylenes, Total	8.2	3.0		ug/L	143063	1	03/08/2011 16:42	AR
Naphthalene	15	5.0		ug/L	143063	1	03/08/2011 16:42	AR
Methyl tert-butyl ether	BRL	1.0		ug/L	143063	1	03/08/2011 16:42	AR
1,2-Dichloroethane	BRL	1.0		ug/L	143063	1	03/08/2011 16:42	AR
Surr: 4-Bromofluorobenzene	92.5	64.7-130		%REC	143063	1	03/08/2011 16:42	AR
Surr: Dibromofluoromethane	86.5	80.7-129		%REC	143063	1	03/08/2011 16:42	AR
Surr: Toluene-d8	86.4	71.1-120		%REC	143063	1	03/08/2011 16:42	AR
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	31.7	1.00		ug/L	142740	1	03/02/2011 03:07	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143063	1	03/08/2011 16:42	AR
Ethanol	BRL	100		ug/L	143063	1	03/08/2011 16:42	AR
Ethyl tert-butyl ether	BRL	100		ug/L	143063	1	03/08/2011 16:42	AR
Isopropyl ether	BRL	10		ug/L	143063	1	03/08/2011 16:42	AR
tert-Amyl alcohol	BRL	100		ug/L	143063	1	03/08/2011 16:42	AR
tert-Amyl methyl ether	BRL	10		ug/L	143063	1	03/08/2011 16:42	AR
tert-Butyl Alcohol	BRL	100		ug/L	143063	1	03/08/2011 16:42	AR
tert-Butyl formate	BRL	100		ug/L	143063	1	03/08/2011 16:42	AR
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142737	1	03/01/2011 22:22	AK
Surr: 4-Bromofluorobenzene	107	66.9-137		%REC	142737	1	03/01/2011 22:22	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-34
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/25/2011 11:20:00 AM
Lab ID:	1102M58-026	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	143063	1	03/05/2011 11:04	AR
Toluene	BRL	1.0		ug/L	143063	1	03/05/2011 11:04	AR
Ethylbenzene	BRL	1.0		ug/L	143063	1	03/05/2011 11:04	AR
Xylenes, Total	BRL	3.0		ug/L	143063	1	03/05/2011 11:04	AR
Naphthalene	BRL	5.0		ug/L	143063	1	03/05/2011 11:04	AR
Methyl tert-butyl ether	BRL	1.0		ug/L	143063	1	03/05/2011 11:04	AR
1,2-Dichloroethane	BRL	1.0		ug/L	143063	1	03/05/2011 11:04	AR
Surr: 4-Bromofluorobenzene	85.4	64.7-130		%REC	143063	1	03/05/2011 11:04	AR
Surr: Dibromofluoromethane	101	80.7-129		%REC	143063	1	03/05/2011 11:04	AR
Surr: Toluene-d8	89.3	71.1-120		%REC	143063	1	03/05/2011 11:04	AR
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	34.7	1.00		ug/L	142740	1	03/02/2011 03:14	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143063	1	03/05/2011 11:04	AR
Ethanol	BRL	100		ug/L	143063	1	03/05/2011 11:04	AR
Ethyl tert-butyl ether	BRL	100		ug/L	143063	1	03/05/2011 11:04	AR
Isopropyl ether	BRL	10		ug/L	143063	1	03/05/2011 11:04	AR
tert-Amyl alcohol	BRL	100		ug/L	143063	1	03/05/2011 11:04	AR
tert-Amyl methyl ether	BRL	10		ug/L	143063	1	03/05/2011 11:04	AR
tert-Butyl Alcohol	BRL	100		ug/L	143063	1	03/05/2011 11:04	AR
tert-Butyl formate	BRL	100		ug/L	143063	1	03/05/2011 11:04	AR
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.021		ug/L	142737	1	03/01/2011 22:59	AK
Surr: 4-Bromofluorobenzene	112	66.9-137		%REC	142737	1	03/01/2011 22:59	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-35
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/25/2011 11:25:00 AM
Lab ID:	1102M58-027	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	143063	1	03/05/2011 11:28	AR
Toluene	BRL	1.0		ug/L	143063	1	03/05/2011 11:28	AR
Ethylbenzene	BRL	1.0		ug/L	143063	1	03/05/2011 11:28	AR
Xylenes, Total	BRL	3.0		ug/L	143063	1	03/05/2011 11:28	AR
Naphthalene	BRL	5.0		ug/L	143063	1	03/05/2011 11:28	AR
Methyl tert-butyl ether	BRL	1.0		ug/L	143063	1	03/05/2011 11:28	AR
1,2-Dichloroethane	BRL	1.0		ug/L	143063	1	03/05/2011 11:28	AR
Surr: 4-Bromofluorobenzene	83.7	64.7-130		%REC	143063	1	03/05/2011 11:28	AR
Surr: Dibromofluoromethane	102	80.7-129		%REC	143063	1	03/05/2011 11:28	AR
Surr: Toluene-d8	90.9	71.1-120		%REC	143063	1	03/05/2011 11:28	AR
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	23.6	1.00		ug/L	142740	1	03/02/2011 03:20	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143063	1	03/05/2011 11:28	AR
Ethanol	BRL	100		ug/L	143063	1	03/05/2011 11:28	AR
Ethyl tert-butyl ether	BRL	100		ug/L	143063	1	03/05/2011 11:28	AR
Isopropyl ether	BRL	10		ug/L	143063	1	03/05/2011 11:28	AR
tert-Amyl alcohol	BRL	100		ug/L	143063	1	03/05/2011 11:28	AR
tert-Amyl methyl ether	BRL	10		ug/L	143063	1	03/05/2011 11:28	AR
tert-Butyl Alcohol	BRL	100		ug/L	143063	1	03/05/2011 11:28	AR
tert-Butyl formate	BRL	100		ug/L	143063	1	03/05/2011 11:28	AR
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142737	1	03/01/2011 23:36	AK
Surr: 4-Bromofluorobenzene	111	66.9-137		%REC	142737	1	03/01/2011 23:36	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-36
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 11:15:00 AM
Lab ID:	1102M58-028	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	143063	1	03/05/2011 11:53	AR
Toluene	BRL	1.0		ug/L	143063	1	03/05/2011 11:53	AR
Ethylbenzene	BRL	1.0		ug/L	143063	1	03/05/2011 11:53	AR
Xylenes, Total	BRL	3.0		ug/L	143063	1	03/05/2011 11:53	AR
Naphthalene	BRL	5.0		ug/L	143063	1	03/05/2011 11:53	AR
Methyl tert-butyl ether	BRL	1.0		ug/L	143063	1	03/05/2011 11:53	AR
1,2-Dichloroethane	BRL	1.0		ug/L	143063	1	03/05/2011 11:53	AR
Surr: 4-Bromofluorobenzene	85.1	64.7-130		%REC	143063	1	03/05/2011 11:53	AR
Surr: Dibromofluoromethane	103	80.7-129		%REC	143063	1	03/05/2011 11:53	AR
Surr: Toluene-d8	90.8	71.1-120		%REC	143063	1	03/05/2011 11:53	AR
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	4.09	1.00		ug/L	142740	1	03/02/2011 03:26	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143063	1	03/05/2011 11:53	AR
Ethanol	BRL	100		ug/L	143063	1	03/05/2011 11:53	AR
Ethyl tert-butyl ether	BRL	100		ug/L	143063	1	03/05/2011 11:53	AR
Isopropyl ether	BRL	10		ug/L	143063	1	03/05/2011 11:53	AR
tert-Amyl alcohol	BRL	100		ug/L	143063	1	03/05/2011 11:53	AR
tert-Amyl methyl ether	BRL	10		ug/L	143063	1	03/05/2011 11:53	AR
tert-Butyl Alcohol	BRL	100		ug/L	143063	1	03/05/2011 11:53	AR
tert-Butyl formate	BRL	100		ug/L	143063	1	03/05/2011 11:53	AR
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142737	1	03/02/2011 00:51	AK
Surr: 4-Bromofluorobenzene	109	66.9-137		%REC	142737	1	03/02/2011 00:51	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-37
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 10:45:00 AM
Lab ID:	1102M58-029	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	143063	1	03/05/2011 12:18	AR
Toluene	BRL	1.0		ug/L	143063	1	03/05/2011 12:18	AR
Ethylbenzene	BRL	1.0		ug/L	143063	1	03/05/2011 12:18	AR
Xylenes, Total	BRL	3.0		ug/L	143063	1	03/05/2011 12:18	AR
Naphthalene	BRL	5.0		ug/L	143063	1	03/05/2011 12:18	AR
Methyl tert-butyl ether	BRL	1.0		ug/L	143063	1	03/05/2011 12:18	AR
1,2-Dichloroethane	BRL	1.0		ug/L	143063	1	03/05/2011 12:18	AR
Surr: 4-Bromofluorobenzene	84.6	64.7-130		%REC	143063	1	03/05/2011 12:18	AR
Surr: Dibromofluoromethane	106	80.7-129		%REC	143063	1	03/05/2011 12:18	AR
Surr: Toluene-d8	92	71.1-120		%REC	143063	1	03/05/2011 12:18	AR
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	25.5	1.00		ug/L	142740	1	03/02/2011 03:32	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143063	1	03/05/2011 12:18	AR
Ethanol	BRL	100		ug/L	143063	1	03/05/2011 12:18	AR
Ethyl tert-butyl ether	BRL	100		ug/L	143063	1	03/05/2011 12:18	AR
Isopropyl ether	BRL	10		ug/L	143063	1	03/05/2011 12:18	AR
tert-Amyl alcohol	BRL	100		ug/L	143063	1	03/05/2011 12:18	AR
tert-Amyl methyl ether	BRL	10		ug/L	143063	1	03/05/2011 12:18	AR
tert-Butyl Alcohol	BRL	100		ug/L	143063	1	03/05/2011 12:18	AR
tert-Butyl formate	BRL	100		ug/L	143063	1	03/05/2011 12:18	AR
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.021		ug/L	142737	1	03/02/2011 01:28	AK
Surr: 4-Bromofluorobenzene	109	66.9-137		%REC	142737	1	03/02/2011 01:28	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-38
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 11:00:00 AM
Lab ID:	1102M58-030	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	143063	1	03/05/2011 12:43	AR
Toluene	BRL	1.0		ug/L	143063	1	03/05/2011 12:43	AR
Ethylbenzene	BRL	1.0		ug/L	143063	1	03/05/2011 12:43	AR
Xylenes, Total	BRL	3.0		ug/L	143063	1	03/05/2011 12:43	AR
Naphthalene	BRL	5.0		ug/L	143063	1	03/05/2011 12:43	AR
Methyl tert-butyl ether	BRL	1.0		ug/L	143063	1	03/05/2011 12:43	AR
1,2-Dichloroethane	BRL	1.0		ug/L	143063	1	03/05/2011 12:43	AR
Surr: 4-Bromofluorobenzene	81.7	64.7-130		%REC	143063	1	03/05/2011 12:43	AR
Surr: Dibromofluoromethane	104	80.7-129		%REC	143063	1	03/05/2011 12:43	AR
Surr: Toluene-d8	91.4	71.1-120		%REC	143063	1	03/05/2011 12:43	AR
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	11.0	1.00		ug/L	142740	1	03/02/2011 03:39	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143063	1	03/05/2011 12:43	AR
Ethanol	BRL	100		ug/L	143063	1	03/05/2011 12:43	AR
Ethyl tert-butyl ether	BRL	100		ug/L	143063	1	03/05/2011 12:43	AR
Isopropyl ether	BRL	10		ug/L	143063	1	03/05/2011 12:43	AR
tert-Amyl alcohol	BRL	100		ug/L	143063	1	03/05/2011 12:43	AR
tert-Amyl methyl ether	BRL	10		ug/L	143063	1	03/05/2011 12:43	AR
tert-Butyl Alcohol	BRL	100		ug/L	143063	1	03/05/2011 12:43	AR
tert-Butyl formate	BRL	100		ug/L	143063	1	03/05/2011 12:43	AR
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142737	1	03/02/2011 02:05	AK
Surr: 4-Bromofluorobenzene	109	66.9-137		%REC	142737	1	03/02/2011 02:05	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-39
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/25/2011 10:55:00 AM
Lab ID:	1102M58-031	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	1.3	1.0		ug/L	143063	1	03/08/2011 01:57	JE
Toluene	BRL	1.0		ug/L	143063	1	03/08/2011 01:57	JE
Ethylbenzene	BRL	1.0		ug/L	143063	1	03/08/2011 01:57	JE
Xylenes, Total	BRL	3.0		ug/L	143063	1	03/08/2011 01:57	JE
Naphthalene	BRL	5.0		ug/L	143063	1	03/08/2011 01:57	JE
Methyl tert-butyl ether	5.0	1.0		ug/L	143063	1	03/08/2011 01:57	JE
1,2-Dichloroethane	BRL	1.0		ug/L	143063	1	03/08/2011 01:57	JE
Surr: 4-Bromofluorobenzene	96.6	64.7-130		%REC	143063	1	03/08/2011 01:57	JE
Surr: Dibromofluoromethane	99	80.7-129		%REC	143063	1	03/08/2011 01:57	JE
Surr: Toluene-d8	97.1	71.1-120		%REC	143063	1	03/08/2011 01:57	JE
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	20.3	1.00		ug/L	142740	1	03/02/2011 03:45	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143063	1	03/08/2011 01:57	JE
Ethanol	BRL	100		ug/L	143063	1	03/08/2011 01:57	JE
Ethyl tert-butyl ether	BRL	100		ug/L	143063	1	03/08/2011 01:57	JE
Isopropyl ether	BRL	10		ug/L	143063	1	03/08/2011 01:57	JE
tert-Amyl alcohol	BRL	100		ug/L	143063	1	03/08/2011 01:57	JE
tert-Amyl methyl ether	BRL	10		ug/L	143063	1	03/08/2011 01:57	JE
tert-Butyl Alcohol	BRL	100		ug/L	143063	1	03/08/2011 01:57	JE
tert-Butyl formate	BRL	100		ug/L	143063	1	03/08/2011 01:57	JE
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142737	1	03/02/2011 02:42	AK
Surr: 4-Bromofluorobenzene	107	66.9-137		%REC	142737	1	03/02/2011 02:42	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-40
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/25/2011 12:05:00 PM
Lab ID:	1102M58-032	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	143063	1	03/07/2011 11:44	AR
Toluene	BRL	1.0		ug/L	143063	1	03/07/2011 11:44	AR
Ethylbenzene	BRL	1.0		ug/L	143063	1	03/07/2011 11:44	AR
Xylenes, Total	BRL	3.0		ug/L	143063	1	03/07/2011 11:44	AR
Naphthalene	BRL	5.0		ug/L	143063	1	03/07/2011 11:44	AR
Methyl tert-butyl ether	BRL	1.0		ug/L	143063	1	03/07/2011 11:44	AR
1,2-Dichloroethane	BRL	1.0		ug/L	143063	1	03/07/2011 11:44	AR
Surr: 4-Bromofluorobenzene	85	64.7-130		%REC	143063	1	03/07/2011 11:44	AR
Surr: Dibromofluoromethane	102	80.7-129		%REC	143063	1	03/07/2011 11:44	AR
Surr: Toluene-d8	90.2	71.1-120		%REC	143063	1	03/07/2011 11:44	AR
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	50.1	1.00		ug/L	142740	1	03/02/2011 03:51	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143063	1	03/07/2011 11:09	AR
Ethanol	BRL	100		ug/L	143063	1	03/07/2011 11:09	AR
Ethyl tert-butyl ether	BRL	100		ug/L	143063	1	03/07/2011 11:09	AR
Isopropyl ether	BRL	10		ug/L	143063	1	03/07/2011 11:09	AR
tert-Amyl alcohol	BRL	100		ug/L	143063	1	03/07/2011 11:09	AR
tert-Amyl methyl ether	BRL	10		ug/L	143063	1	03/07/2011 11:09	AR
tert-Butyl Alcohol	BRL	100		ug/L	143063	1	03/07/2011 11:09	AR
tert-Butyl formate	BRL	100		ug/L	143063	1	03/07/2011 11:09	AR
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142737	1	03/02/2011 03:19	AK
Surr: 4-Bromofluorobenzene	90.4	66.9-137		%REC	142737	1	03/02/2011 03:19	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	MW-42
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/25/2011 12:15:00 PM
Lab ID:	1102M58-033	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	143063	1	03/07/2011 12:09	AR
Toluene	BRL	1.0		ug/L	143063	1	03/07/2011 12:09	AR
Ethylbenzene	BRL	1.0		ug/L	143063	1	03/07/2011 12:09	AR
Xylenes, Total	BRL	3.0		ug/L	143063	1	03/07/2011 12:09	AR
Naphthalene	BRL	5.0		ug/L	143063	1	03/07/2011 12:09	AR
Methyl tert-butyl ether	BRL	1.0		ug/L	143063	1	03/07/2011 12:09	AR
1,2-Dichloroethane	BRL	1.0		ug/L	143063	1	03/07/2011 12:09	AR
Surr: 4-Bromofluorobenzene	84.9	64.7-130		%REC	143063	1	03/07/2011 12:09	AR
Surr: Dibromofluoromethane	102	80.7-129		%REC	143063	1	03/07/2011 12:09	AR
Surr: Toluene-d8	91	71.1-120		%REC	143063	1	03/07/2011 12:09	AR
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	10.8	1.00		ug/L	142740	1	03/02/2011 03:57	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143063	1	03/07/2011 11:44	AR
Ethanol	BRL	100		ug/L	143063	1	03/07/2011 11:44	AR
Ethyl tert-butyl ether	BRL	100		ug/L	143063	1	03/07/2011 11:44	AR
Isopropyl ether	BRL	10		ug/L	143063	1	03/07/2011 11:44	AR
tert-Amyl alcohol	BRL	100		ug/L	143063	1	03/07/2011 11:44	AR
tert-Amyl methyl ether	BRL	10		ug/L	143063	1	03/07/2011 11:44	AR
tert-Butyl Alcohol	BRL	100		ug/L	143063	1	03/07/2011 11:44	AR
tert-Butyl formate	BRL	100		ug/L	143063	1	03/07/2011 11:44	AR
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142737	1	03/02/2011 03:56	AK
Surr: 4-Bromofluorobenzene	99	66.9-137		%REC	142737	1	03/02/2011 03:56	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	DW-1
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 4:40:00 PM
Lab ID:	1102M58-034	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	2.8	1.0		ug/L	143063	1	03/07/2011 12:36	AR
Toluene	BRL	1.0		ug/L	143063	1	03/07/2011 12:36	AR
Ethylbenzene	BRL	1.0		ug/L	143063	1	03/07/2011 12:36	AR
Xylenes, Total	BRL	3.0		ug/L	143063	1	03/07/2011 12:36	AR
Naphthalene	BRL	5.0		ug/L	143063	1	03/07/2011 12:36	AR
Methyl tert-butyl ether	330	1.0	E	ug/L	143063	1	03/07/2011 12:36	AR
1,2-Dichloroethane	BRL	1.0		ug/L	143063	1	03/07/2011 12:36	AR
Surr: 4-Bromofluorobenzene	85.3	64.7-130		%REC	143063	1	03/07/2011 12:36	AR
Surr: Dibromofluoromethane	98.1	80.7-129		%REC	143063	1	03/07/2011 12:36	AR
Surr: Toluene-d8	88.4	71.1-120		%REC	143063	1	03/07/2011 12:36	AR
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	BRL	1.00		ug/L	142740	1	03/02/2011 04:22	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143063	1	03/07/2011 12:09	AR
Ethanol	BRL	100		ug/L	143063	1	03/07/2011 12:09	AR
Ethyl tert-butyl ether	BRL	100		ug/L	143063	1	03/07/2011 12:09	AR
Isopropyl ether	BRL	10		ug/L	143063	1	03/07/2011 12:09	AR
tert-Amyl alcohol	BRL	100		ug/L	143063	1	03/07/2011 12:09	AR
tert-Amyl methyl ether	BRL	10		ug/L	143063	1	03/07/2011 12:09	AR
tert-Butyl Alcohol	BRL	100		ug/L	143063	1	03/07/2011 12:09	AR
tert-Butyl formate	BRL	100		ug/L	143063	1	03/07/2011 12:09	AR
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142737	1	03/02/2011 04:34	AK
Surr: 4-Bromofluorobenzene	104	66.9-137		%REC	142737	1	03/02/2011 04:34	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	DW-2
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 6:10:00 PM
Lab ID:	1102M58-035	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	143063	1	03/08/2011 17:06	AR
Toluene	BRL	1.0		ug/L	143063	1	03/08/2011 17:06	AR
Ethylbenzene	BRL	1.0		ug/L	143063	1	03/08/2011 17:06	AR
Xylenes, Total	BRL	3.0		ug/L	143063	1	03/08/2011 17:06	AR
Naphthalene	8.3	5.0		ug/L	143063	1	03/08/2011 17:06	AR
Methyl tert-butyl ether	26	1.0		ug/L	143063	1	03/08/2011 17:06	AR
1,2-Dichloroethane	BRL	1.0		ug/L	143063	1	03/08/2011 17:06	AR
Surr: 4-Bromofluorobenzene	90.8	64.7-130		%REC	143063	1	03/08/2011 17:06	AR
Surr: Dibromofluoromethane	88.4	80.7-129		%REC	143063	1	03/08/2011 17:06	AR
Surr: Toluene-d8	86.9	71.1-120		%REC	143063	1	03/08/2011 17:06	AR
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	1.29	1.00		ug/L	142740	1	03/02/2011 04:28	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143063	1	03/08/2011 17:06	AR
Ethanol	BRL	100		ug/L	143063	1	03/08/2011 17:06	AR
Ethyl tert-butyl ether	BRL	100		ug/L	143063	1	03/08/2011 17:06	AR
Isopropyl ether	BRL	10		ug/L	143063	1	03/08/2011 17:06	AR
tert-Amyl alcohol	BRL	100		ug/L	143063	1	03/08/2011 17:06	AR
tert-Amyl methyl ether	BRL	10		ug/L	143063	1	03/08/2011 17:06	AR
tert-Butyl Alcohol	BRL	100		ug/L	143063	1	03/08/2011 17:06	AR
tert-Butyl formate	BRL	100		ug/L	143063	1	03/08/2011 17:06	AR
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142737	1	03/02/2011 05:11	AK
Surr: 4-Bromofluorobenzene	104	66.9-137		%REC	142737	1	03/02/2011 05:11	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	DW-3
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 6:45:00 PM
Lab ID:	1102M58-036	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Benzene	5.4	1.0		ug/L	143063	1	03/07/2011 13:25	AR
Toluene	3.1	1.0		ug/L	143063	1	03/07/2011 13:25	AR
Ethylbenzene	BRL	1.0		ug/L	143063	1	03/07/2011 13:25	AR
Xylenes, Total	BRL	3.0		ug/L	143063	1	03/07/2011 13:25	AR
Naphthalene	BRL	5.0		ug/L	143063	1	03/07/2011 13:25	AR
Methyl tert-butyl ether	310	1.0	E	ug/L	143063	1	03/07/2011 13:25	AR
1,2-Dichloroethane	BRL	1.0		ug/L	143063	1	03/07/2011 13:25	AR
Surr: 4-Bromofluorobenzene	83.8	64.7-130		%REC	143063	1	03/07/2011 13:25	AR
Surr: Dibromofluoromethane	98.6	80.7-129		%REC	143063	1	03/07/2011 13:25	AR
Surr: Toluene-d8	93.4	71.1-120		%REC	143063	1	03/07/2011 13:25	AR
Total Metals by ICP/MS SW6020A (SW3005A)								
Lead	4.04	1.00		ug/L	142740	1	03/02/2011 04:35	JY
Oxygenates (AES SOP OA-11010) SW8260B (SW5030B)								
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143063	1	03/07/2011 13:00	AR
Ethanol	BRL	100		ug/L	143063	1	03/07/2011 13:00	AR
Ethyl tert-butyl ether	BRL	100		ug/L	143063	1	03/07/2011 13:00	AR
Isopropyl ether	BRL	10		ug/L	143063	1	03/07/2011 13:00	AR
tert-Amyl alcohol	BRL	100		ug/L	143063	1	03/07/2011 13:00	AR
tert-Amyl methyl ether	BRL	10		ug/L	143063	1	03/07/2011 13:00	AR
tert-Butyl Alcohol	BRL	100		ug/L	143063	1	03/07/2011 13:00	AR
tert-Butyl formate	BRL	100		ug/L	143063	1	03/07/2011 13:00	AR
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142737	1	03/02/2011 05:48	AK
Surr: 4-Bromofluorobenzene	103	66.9-137		%REC	142737	1	03/02/2011 05:48	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	DW-5
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 1:20:00 PM
Lab ID:	1102M58-037	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	143063	1	03/08/2011 17:34	AR
Toluene	BRL	1.0		ug/L	143063	1	03/08/2011 17:34	AR
Ethylbenzene	BRL	1.0		ug/L	143063	1	03/08/2011 17:34	AR
Xylenes, Total	BRL	3.0		ug/L	143063	1	03/08/2011 17:34	AR
Naphthalene	BRL	5.0		ug/L	143063	1	03/08/2011 17:34	AR
Methyl tert-butyl ether	BRL	1.0		ug/L	143063	1	03/08/2011 17:34	AR
1,2-Dichloroethane	BRL	1.0		ug/L	143063	1	03/08/2011 17:34	AR
Surr: 4-Bromofluorobenzene	91.2	64.7-130		%REC	143063	1	03/08/2011 17:34	AR
Surr: Dibromofluoromethane	76.3	80.7-129	S	%REC	143063	1	03/08/2011 17:34	AR
Surr: Toluene-d8	89.4	71.1-120		%REC	143063	1	03/08/2011 17:34	AR
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	BRL	1.00		ug/L	142740	1	03/02/2011 04:41	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143063	1	03/08/2011 17:34	AR
Ethanol	BRL	100		ug/L	143063	1	03/08/2011 17:34	AR
Ethyl tert-butyl ether	BRL	100		ug/L	143063	1	03/08/2011 17:34	AR
Isopropyl ether	BRL	10		ug/L	143063	1	03/08/2011 17:34	AR
tert-Amyl alcohol	BRL	100		ug/L	143063	1	03/08/2011 17:34	AR
tert-Amyl methyl ether	BRL	10		ug/L	143063	1	03/08/2011 17:34	AR
tert-Butyl Alcohol	BRL	100		ug/L	143063	1	03/08/2011 17:34	AR
tert-Butyl formate	BRL	100		ug/L	143063	1	03/08/2011 17:34	AR
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142737	1	03/02/2011 07:02	AK
Surr: 4-Bromofluorobenzene	107	66.9-137		%REC	142737	1	03/02/2011 07:02	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	DW-6
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 4:40:00 PM
Lab ID:	1102M58-038	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	143063	1	03/08/2011 17:47	JE
Toluene	BRL	1.0		ug/L	143063	1	03/08/2011 17:47	JE
Ethylbenzene	BRL	1.0		ug/L	143063	1	03/08/2011 17:47	JE
Xylenes, Total	BRL	3.0		ug/L	143063	1	03/08/2011 17:47	JE
Naphthalene	BRL	5.0		ug/L	143063	1	03/08/2011 17:47	JE
Methyl tert-butyl ether	BRL	1.0		ug/L	143063	1	03/08/2011 17:47	JE
1,2-Dichloroethane	BRL	1.0		ug/L	143063	1	03/08/2011 17:47	JE
Surr: 4-Bromofluorobenzene	92.7	64.7-130		%REC	143063	1	03/08/2011 17:47	JE
Surr: Dibromofluoromethane	103	80.7-129		%REC	143063	1	03/08/2011 17:47	JE
Surr: Toluene-d8	96.4	71.1-120		%REC	143063	1	03/08/2011 17:47	JE
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	14.2	1.00		ug/L	142740	1	03/02/2011 04:47	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143063	1	03/08/2011 17:47	JE
Ethanol	BRL	100		ug/L	143063	1	03/08/2011 17:47	JE
Ethyl tert-butyl ether	BRL	100		ug/L	143063	1	03/08/2011 17:47	JE
Isopropyl ether	BRL	10		ug/L	143063	1	03/08/2011 17:47	JE
tert-Amyl alcohol	BRL	100		ug/L	143063	1	03/08/2011 17:47	JE
tert-Amyl methyl ether	BRL	10		ug/L	143063	1	03/08/2011 17:47	JE
tert-Butyl Alcohol	BRL	100		ug/L	143063	1	03/08/2011 17:47	JE
tert-Butyl formate	BRL	100		ug/L	143063	1	03/08/2011 17:47	JE
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.021		ug/L	142737	1	03/02/2011 07:39	AK
Surr: 4-Bromofluorobenzene	104	66.9-137		%REC	142737	1	03/02/2011 07:39	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	DW-7
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 6:45:00 PM
Lab ID:	1102M58-039	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	4.7	1.0		ug/L	143063	1	03/07/2011 22:59	JE
Toluene	BRL	1.0		ug/L	143063	1	03/07/2011 22:59	JE
Ethylbenzene	BRL	1.0		ug/L	143063	1	03/07/2011 22:59	JE
Xylenes, Total	BRL	3.0		ug/L	143063	1	03/07/2011 22:59	JE
Naphthalene	BRL	5.0		ug/L	143063	1	03/07/2011 22:59	JE
Methyl tert-butyl ether	3.2	1.0		ug/L	143063	1	03/07/2011 22:59	JE
1,2-Dichloroethane	BRL	1.0		ug/L	143063	1	03/07/2011 22:59	JE
Surr: 4-Bromofluorobenzene	101	64.7-130		%REC	143063	1	03/07/2011 22:59	JE
Surr: Dibromofluoromethane	100	80.7-129		%REC	143063	1	03/07/2011 22:59	JE
Surr: Toluene-d8	95.8	71.1-120		%REC	143063	1	03/07/2011 22:59	JE
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	3.18	1.00		ug/L	142740	1	03/02/2011 04:53	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143063	1	03/07/2011 22:59	JE
Ethanol	BRL	100		ug/L	143063	1	03/07/2011 22:59	JE
Ethyl tert-butyl ether	BRL	100		ug/L	143063	1	03/07/2011 22:59	JE
Isopropyl ether	BRL	10		ug/L	143063	1	03/07/2011 22:59	JE
tert-Amyl alcohol	BRL	100		ug/L	143063	1	03/07/2011 22:59	JE
tert-Amyl methyl ether	BRL	10		ug/L	143063	1	03/07/2011 22:59	JE
tert-Butyl Alcohol	BRL	100		ug/L	143063	1	03/07/2011 22:59	JE
tert-Butyl formate	BRL	100		ug/L	143063	1	03/07/2011 22:59	JE
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142737	1	03/02/2011 08:17	AK
Surr: 4-Bromofluorobenzene	104	66.9-137		%REC	142737	1	03/02/2011 08:17	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	DW-9
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 10:00:00 AM
Lab ID:	1102M58-040	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	143063	1	03/07/2011 22:30	JE
Toluene	BRL	1.0		ug/L	143063	1	03/07/2011 22:30	JE
Ethylbenzene	BRL	1.0		ug/L	143063	1	03/07/2011 22:30	JE
Xylenes, Total	BRL	3.0		ug/L	143063	1	03/07/2011 22:30	JE
Naphthalene	BRL	5.0		ug/L	143063	1	03/07/2011 22:30	JE
Methyl tert-butyl ether	1.6	1.0		ug/L	143063	1	03/07/2011 22:30	JE
1,2-Dichloroethane	BRL	1.0		ug/L	143063	1	03/07/2011 22:30	JE
Surr: 4-Bromofluorobenzene	101	64.7-130		%REC	143063	1	03/07/2011 22:30	JE
Surr: Dibromofluoromethane	100	80.7-129		%REC	143063	1	03/07/2011 22:30	JE
Surr: Toluene-d8	95.3	71.1-120		%REC	143063	1	03/07/2011 22:30	JE
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	4.22	1.00		ug/L	142740	1	03/02/2011 04:59	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143063	1	03/07/2011 22:30	JE
Ethanol	BRL	100		ug/L	143063	1	03/07/2011 22:30	JE
Ethyl tert-butyl ether	BRL	100		ug/L	143063	1	03/07/2011 22:30	JE
Isopropyl ether	BRL	10		ug/L	143063	1	03/07/2011 22:30	JE
tert-Amyl alcohol	BRL	100		ug/L	143063	1	03/07/2011 22:30	JE
tert-Amyl methyl ether	BRL	10		ug/L	143063	1	03/07/2011 22:30	JE
tert-Butyl Alcohol	BRL	100		ug/L	143063	1	03/07/2011 22:30	JE
tert-Butyl formate	BRL	100		ug/L	143063	1	03/07/2011 22:30	JE
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.020		ug/L	142737	1	03/02/2011 08:54	AK
Surr: 4-Bromofluorobenzene	108	66.9-137		%REC	142737	1	03/02/2011 08:54	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-11

Client:	Terry Environmental	**Client Sample ID:**	DW-10
Project Name:	2170E Li'l Cricket #339	**Collection Date:**	2/24/2011 10:25:00 AM
Lab ID:	1102M58-041	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	1.5	1.0		ug/L	143017	1	03/04/2011 20:37	JE
Toluene	BRL	1.0		ug/L	143017	1	03/04/2011 20:37	JE
Ethylbenzene	BRL	1.0		ug/L	143017	1	03/04/2011 20:37	JE
Xylenes, Total	BRL	3.0		ug/L	143017	1	03/04/2011 20:37	JE
Naphthalene	BRL	5.0		ug/L	143017	1	03/04/2011 20:37	JE
Methyl tert-butyl ether	BRL	1.0		ug/L	143017	1	03/04/2011 20:37	JE
1,2-Dichloroethane	BRL	1.0		ug/L	143017	1	03/04/2011 20:37	JE
Surr: 4-Bromofluorobenzene	97.1	64.7-130		%REC	143017	1	03/04/2011 20:37	JE
Surr: Dibromofluoromethane	107	80.7-129		%REC	143017	1	03/04/2011 20:37	JE
Surr: Toluene-d8	93.1	71.1-120		%REC	143017	1	03/04/2011 20:37	JE
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	3.49	1.00		ug/L	142741	1	03/02/2011 18:16	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	143017	1	03/04/2011 20:37	JE
Ethanol	BRL	100		ug/L	143017	1	03/04/2011 20:37	JE
Ethyl tert-butyl ether	BRL	100		ug/L	143017	1	03/04/2011 20:37	JE
Isopropyl ether	BRL	10		ug/L	143017	1	03/04/2011 20:37	JE
tert-Amyl alcohol	BRL	100		ug/L	143017	1	03/04/2011 20:37	JE
tert-Amyl methyl ether	BRL	10		ug/L	143017	1	03/04/2011 20:37	JE
tert-Butyl Alcohol	BRL	100		ug/L	143017	1	03/04/2011 20:37	JE
tert-Butyl formate	BRL	100		ug/L	143017	1	03/04/2011 20:37	JE
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011								
1,2-Dibromoethane	BRL	0.021		ug/L	142742	1	03/02/2011 12:02	AK
Surr: 4-Bromofluorobenzene	105	66.9-137		%REC	142742	1	03/02/2011 12:02	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Access Work Order Number 1102M58

Checklist completed by [signature] 2/26/11 2/28/11
Signature Date

Carrier name: FedEx ✓ UPS __ Courier __ Client __ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (4°C±2)* Yes ✓ No __

Cooler #1 3.1C Cooler #2 3.8°C Cooler #3 4.1C Cooler #4 3.6°C Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted __ Yes ✓ No __

Water - pH acceptable upon receipt? Yes ✓ No __ Not Applicable __

Adjusted? _____ Checked by PT

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

\L\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample_Cooler_Receipt_Checklist

Client: Terry Environmental
Project Name: 2170E Li'l Cricket #339
Workorder: 1102M58

ANALYTICAL QC SUMMARY REPORT

BatchID: 142711

Sample ID: **MB-142711**	Client ID:				Units: **ug/L**		Prep Date: **02/28/2011**		Run No: **191666**	
SampleType: **MBLK**	TestCode: **MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011**				BatchID: **142711**		Analysis Date: **02/28/2011**		Seq No: **3998757**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dibromoethane	BRL	0.020	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	5.494	0	5	0	110	66.9	137	0	0	0	

Sample ID: **LCS-142711**	Client ID:				Units: **ug/L**		Prep Date: **02/28/2011**		Run No: **191666**	
SampleType: **LCS**	TestCode: **MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011**				BatchID: **142711**		Analysis Date: **02/28/2011**		Seq No: **3998762**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dibromoethane	0.09700	0.020	0.1	0	97	60	140	0	0	0	
Surr: 4-Bromofluorobenzene	5.385	0	5	0	108	66.9	137	0	0	0	

Sample ID: **LCSD-142711**	Client ID:				Units: **ug/L**		Prep Date: **02/28/2011**		Run No: **191666**	
SampleType: **LCSD**	TestCode: **MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011**				BatchID: **142711**		Analysis Date: **02/28/2011**		Seq No: **3998766**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dibromoethane	0.1080	0.020	0.1	0	108	60	140	0.09700	10.7	30	
Surr: 4-Bromofluorobenzene	5.532	0	5	0	111	66.9	137	5.385	0	0	

Sample ID: **1102M58-001BMS**	Client ID: **MW-3**				Units: **ug/L**		Prep Date: **02/28/2011**		Run No: **191666**	
SampleType: **MS**	TestCode: **MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011**				BatchID: **142711**		Analysis Date: **02/28/2011**		Seq No: **3998779**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dibromoethane	0.1460	0.020	0.1007	0	145	59.1	134	0	0	0	S
Surr: 4-Bromofluorobenzene	5.526	0	5.033	0	110	66.9	137	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Analytical Environmental Services, Inc

Date: 9-Mar-11

Client: Terry Environmental
Project Name: 2170E Li'l Cricket #339
Workorder: 1102M58

ANALYTICAL QC SUMMARY REPORT

BatchID: 142737

Sample ID: **MB-142737**	Client ID:				Units: **ug/L**		Prep Date: **03/01/2011**		Run No: **191670**	
SampleType: **MBLK**	TestCode: **MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011**				BatchID: **142737**		Analysis Date: **03/01/2011**		Seq No: **3998905**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dibromoethane	BRL	0.020	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	5.573	0	5	0	111	66.9	137	0	0	0	

Sample ID: **LCS-142737**	Client ID:				Units: **ug/L**		Prep Date: **03/01/2011**		Run No: **191670**	
SampleType: **LCS**	TestCode: **MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011**				BatchID: **142737**		Analysis Date: **03/01/2011**		Seq No: **3998906**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dibromoethane	0.09500	0.020	0.1	0	95	60	140	0	0	0	
Surr: 4-Bromofluorobenzene	5.122	0	5	0	102	66.9	137	0	0	0	

Sample ID: **LCSD-142737**	Client ID:				Units: **ug/L**		Prep Date: **03/01/2011**		Run No: **191670**	
SampleType: **LCSD**	TestCode: **MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011**				BatchID: **142737**		Analysis Date: **03/01/2011**		Seq No: **3998908**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dibromoethane	0.09800	0.020	0.1	0	98	60	140	0.09500	3.11	30	
Surr: 4-Bromofluorobenzene	5.104	0	5	0	102	66.9	137	5.122	0	0	

Sample ID: **1102M58-021BMS**	Client ID: **MW-29**				Units: **ug/L**		Prep Date: **03/01/2011**		Run No: **191670**	
SampleType: **MS**	TestCode: **MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011**				BatchID: **142737**		Analysis Date: **03/01/2011**		Seq No: **3998917**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dibromoethane	0.08539	0.020	0.1005	0	85	59.1	134	0	0	0	
Surr: 4-Bromofluorobenzene	5.296	0	5.023	0	105	66.9	137	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Analytical Environmental Services, Inc

Date: 9-Mar-11

Client: Terry Environmental
Project Name: 2170E Li'l Cricket #339
Workorder: 1102M58

ANALYTICAL QC SUMMARY REPORT

BatchID: 142739

Sample ID: **MB-142739**	Client ID:				Units: **ug/L**		Prep Date: **03/01/2011**		Run No: **191552**
SampleType: **MBLK**	TestCode: **Total Metals by ICP/MS**	**SW6020A**			BatchID: **142739**		Analysis Date: **03/01/2011**		Seq No: **3996465**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	BRL	1.00	0	0	0	0	0	0	0	0	

Sample ID: **LCS-142739**	Client ID:				Units: **ug/L**		Prep Date: **03/01/2011**		Run No: **191552**
SampleType: **LCS**	TestCode: **Total Metals by ICP/MS**	**SW6020A**			BatchID: **142739**		Analysis Date: **03/01/2011**		Seq No: **3996463**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	105.7	1.00	100	0	106	80	120	0	0	0	

Sample ID: **1102M58-001CMS**	Client ID: **MW-3**				Units: **ug/L**		Prep Date: **03/01/2011**		Run No: **191552**
SampleType: **MS**	TestCode: **Total Metals by ICP/MS**	**SW6020A**			BatchID: **142739**		Analysis Date: **03/01/2011**		Seq No: **3996471**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	117.7	1.00	100	11.90	106	75	125	0	0	0	

Sample ID: **1102M58-001CMSD**	Client ID: **MW-3**				Units: **ug/L**		Prep Date: **03/01/2011**		Run No: **191552**
SampleType: **MSD**	TestCode: **Total Metals by ICP/MS**	**SW6020A**			BatchID: **142739**		Analysis Date: **03/01/2011**		Seq No: **3996473**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	117.5	1.00	100	11.90	106	75	125	117.7	0.17	20	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Analytical Environmental Services, Inc

Date: 9-Mar-11

Client: Terry Environmental
Project Name: 2170E Li'l Cricket #339
Workorder: 1102M58

ANALYTICAL QC SUMMARY REPORT

BatchID: 142740

Sample ID: **MB-142740**	Client ID:				Units: **ug/L**		Prep Date: **03/01/2011**		Run No: **191553**
SampleType: **MBLK**	TestCode: **Total Metals by ICP/MS**	**SW6020A**			BatchID: **142740**		Analysis Date: **03/02/2011**		Seq No: **3996477**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	BRL	1.00	0	0	0	0	0	0	0	0	

Sample ID: **LCS-142740**	Client ID:				Units: **ug/L**		Prep Date: **03/01/2011**		Run No: **191553**
SampleType: **LCS**	TestCode: **Total Metals by ICP/MS**	**SW6020A**			BatchID: **142740**		Analysis Date: **03/02/2011**		Seq No: **3996475**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	104.1	1.00	100	0	104	80	120	0	0	0	

Sample ID: **1102M58-021CMS**	Client ID: **MW-29**				Units: **ug/L**		Prep Date: **03/01/2011**		Run No: **191553**
SampleType: **MS**	TestCode: **Total Metals by ICP/MS**	**SW6020A**			BatchID: **142740**		Analysis Date: **03/02/2011**		Seq No: **3996480**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	111.7	1.00	100	6.400	105	75	125	0	0	0	

Sample ID: **1102M58-021CMSD**	Client ID: **MW-29**				Units: **ug/L**		Prep Date: **03/01/2011**		Run No: **191553**
SampleType: **MSD**	TestCode: **Total Metals by ICP/MS**	**SW6020A**			BatchID: **142740**		Analysis Date: **03/02/2011**		Seq No: **3996482**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	112.7	1.00	100	6.400	106	75	125	111.7	0.891	20	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Analytical Environmental Services, Inc

Date: 9-Mar-11

Client: Terry Environmental
Project Name: 2170E Li'l Cricket #339
Workorder: 1102M58

ANALYTICAL QC SUMMARY REPORT

BatchID: 142741

Sample ID: **MB-142741**	Client ID:				Units: **ug/L**		Prep Date: **03/01/2011**		Run No: **191646**
SampleType: **MBLK**	TestCode: **Total Metals by ICP/MS**	**SW6020A**			BatchID: **142741**		Analysis Date: **03/02/2011**		Seq No: **3998417**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	BRL	1.00	0	0	0	0	0	0	0	0	

Sample ID: **LCS-142741**	Client ID:				Units: **ug/L**		Prep Date: **03/01/2011**		Run No: **191646**
SampleType: **LCS**	TestCode: **Total Metals by ICP/MS**	**SW6020A**			BatchID: **142741**		Analysis Date: **03/02/2011**		Seq No: **3998415**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	101.5	1.00	100	0	102	80	120	0	0	0	

Sample ID: **1102M58-041CMS**	Client ID: **DW-10**				Units: **ug/L**		Prep Date: **03/01/2011**		Run No: **191646**
SampleType: **MS**	TestCode: **Total Metals by ICP/MS**	**SW6020A**			BatchID: **142741**		Analysis Date: **03/02/2011**		Seq No: **3998421**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	105.2	1.00	100	3.490	102	75	125	0	0	0	

Sample ID: **1102M58-041CMSD**	Client ID: **DW-10**				Units: **ug/L**		Prep Date: **03/01/2011**		Run No: **191646**
SampleType: **MSD**	TestCode: **Total Metals by ICP/MS**	**SW6020A**			BatchID: **142741**		Analysis Date: **03/02/2011**		Seq No: **3998425**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	105.7	1.00	100	3.490	102	75	125	105.2	0.474	20	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Analytical Environmental Services, Inc

Date: 9-Mar-11

Client: Terry Environmental
Project Name: 2170E Li'l Cricket #339
Workorder: 1102M58

ANALYTICAL QC SUMMARY REPORT

BatchID: 142742

Sample ID: **MB-142742**	Client ID:				Units: **ug/L**		Prep Date: **03/01/2011**		Run No: **191675**	
SampleType: **MBLK**	TestCode: **MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011**				BatchID: **142742**		Analysis Date: **03/02/2011**		Seq No: **3999011**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dibromoethane	BRL	0.020	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	5.520	0	5	0	110	66.9	137	0	0	0	

Sample ID: **LCS-142742**	Client ID:				Units: **ug/L**		Prep Date: **03/01/2011**		Run No: **191675**	
SampleType: **LCS**	TestCode: **MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011**				BatchID: **142742**		Analysis Date: **03/02/2011**		Seq No: **3999013**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dibromoethane	0.09100	0.020	0.1	0	91	60	140	0	0	0	
Surr: 4-Bromofluorobenzene	5.129	0	5	0	103	66.9	137	0	0	0	

Sample ID: **LCSD-142742**	Client ID:				Units: **ug/L**		Prep Date: **03/01/2011**		Run No: **191675**	
SampleType: **LCSD**	TestCode: **MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011**				BatchID: **142742**		Analysis Date: **03/02/2011**		Seq No: **3999015**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dibromoethane	0.09400	0.020	0.1	0	94	60	140	0.09100	3.24	30	
Surr: 4-Bromofluorobenzene	5.102	0	5	0	102	66.9	137	5.129	0	0	

Sample ID: **1102M58-041BMS**	Client ID: **DW-10**				Units: **ug/L**		Prep Date: **03/01/2011**		Run No: **191675**	
SampleType: **MS**	TestCode: **MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011**				BatchID: **142742**		Analysis Date: **03/02/2011**		Seq No: **3999022**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dibromoethane	0.08883	0.020	0.1021	0	87	59.1	134	0	0	0	
Surr: 4-Bromofluorobenzene	5.573	0	5.105	0	109	66.9	137	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Terry Environmental
Project Name: 2170E Li'l Cricket #339
Workorder: 1102M58

ANALYTICAL QC SUMMARY REPORT

BatchID: 143017

Sample ID: **MB-143017** Client ID: Units: **ug/L** Prep Date: **03/04/2011** Run No: **191818**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **143017** Analysis Date: **03/04/2011** Seq No: **4001793**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	5.0	0	0	0	0	0	0	0	0	
Naphthalene	BRL	5.0	0	0	0	0	0	0	0	0	
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	
Xylenes, Total	BRL	5.0	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	48.88	0	50	0	97.8	64.7	130	0	0	0	
Surr: Dibromofluoromethane	50.52	0	50	0	101	80.7	129	0	0	0	
Surr: Toluene-d8	46.65	0	50	0	93.3	71.1	120	0	0	0	

Sample ID: **MB-143017** Client ID: Units: **ug/L** Prep Date: **03/04/2011** Run No: **191818**
SampleType: **MBLK** TestCode: **Oxygenates (AES SOP OA-11010) SW8260B** BatchID: **143017** Analysis Date: **03/04/2011** Seq No: **4001824**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
3,3-Dimethyl-1-butanol	BRL	100	0	0	0	0	0	0	0	0	
Ethanol	BRL	100	0	0	0	0	0	0	0	0	
Ethyl tert-butyl ether	BRL	100	0	0	0	0	0	0	0	0	
Isopropyl ether	BRL	10	0	0	0	0	0	0	0	0	
tert-Amyl alcohol	BRL	100	0	0	0	0	0	0	0	0	
tert-Amyl methyl ether	BRL	10	0	0	0	0	0	0	0	0	
tert-Butyl Alcohol	BRL	100	0	0	0	0	0	0	0	0	
tert-Butyl formate	BRL	100	0	0	0	0	0	0	0	0	

Sample ID: **LCS-143017** Client ID: Units: **ug/L** Prep Date: **03/04/2011** Run No: **191818**
SampleType: **LCS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **143017** Analysis Date: **03/04/2011** Seq No: **4001795**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Analytical Environmental Services, Inc

Date: 9-Mar-11

Client: Terry Environmental
Project Name: 2170E Li'l Cricket #339
Workorder: 1102M58

ANALYTICAL QC SUMMARY REPORT

BatchID: 143017

Sample ID: **LCS-143017**	Client ID:	Units: **ug/L**	Prep Date: **03/04/2011**	Run No: **191818**
SampleType: **LCS**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**	BatchID: **143017**	Analysis Date: **03/04/2011**	Seq No: **4001795**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	42.26	5.0	50	0	84.5	70	130	0	0	0	
Toluene	42.10	5.0	50	0	84.2	70	130	0	0	0	
Surr: 4-Bromofluorobenzene	47.20	0	50	0	94.4	64.7	130	0	0	0	
Surr: Dibromofluoromethane	48.79	0	50	0	97.6	80.7	129	0	0	0	
Surr: Toluene-d8	47.57	0	50	0	95.1	71.1	120	0	0	0	

Sample ID: **LCS-143017**	Client ID:	Units: **ug/L**	Prep Date: **03/04/2011**	Run No: **191818**
SampleType: **LCS**	TestCode: **Oxygenates (AES SOP OA-11010) SW8260B**	BatchID: **143017**	Analysis Date: **03/04/2011**	Seq No: **4001826**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
3,3-Dimethyl-1-butanol	2026	100	2000	0	101	70	130	0	0	0	
Ethanol	1707	100	2000	0	85.3	70	130	0	0	0	
Ethyl tert-butyl ether	425.0	100	400	0	106	70	130	0	0	0	
Isopropyl ether	427.4	10	400	0	107	70	130	0	0	0	
tert-Amyl alcohol	2022	100	2000	0	101	70	130	0	0	0	
tert-Amyl methyl ether	417.8	10	400	0	104	70	130	0	0	0	
tert-Butyl Alcohol	2088	100	2000	0	104	70	130	0	0	0	
tert-Butyl formate	1801	100	2000	0	90	70	130	0	0	0	

Sample ID: **1102M58-041AMS**	Client ID: **DW-10**	Units: **ug/L**	Prep Date: **03/04/2011**	Run No: **191818**
SampleType: **MS**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**	BatchID: **143017**	Analysis Date: **03/04/2011**	Seq No: **4003182**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	55.45	5.0	50	1.480	108	62.2	143	0	0	0	
Toluene	54.12	5.0	50	0	108	57.8	149	0	0	0	
Surr: 4-Bromofluorobenzene	46.63	0	50	0	93.3	64.7	130	0	0	0	
Surr: Dibromofluoromethane	50.10	0	50	0	100	80.7	129	0	0	0	
Surr: Toluene-d8	48.23	0	50	0	96.5	71.1	120	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Terry Environmental
Project Name: 2170E Li'l Cricket #339
Workorder: 1102M58

ANALYTICAL QC SUMMARY REPORT

BatchID: 143017

Sample ID: **1102M58-041AMS** Client ID: **DW-10** Units: **ug/L** Prep Date: **03/04/2011** Run No: **191818**
SampleType: **MS** TestCode: **Oxygenates (AES SOP OA-11010) SW8260B** BatchID: **143017** Analysis Date: **03/04/2011** Seq No: **4003348**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
3,3-Dimethyl-1-butanol	2041	100	2000	0	102	44.9	165	0	0	0	
Ethanol	1113	100	2000	0	55.7	43.4	147	0	0	0	
Ethyl tert-butyl ether	422.3	100	400	0	106	64.1	150	0	0	0	
Isopropyl ether	444.7	10	400	0	111	59.6	152	0	0	0	
tert-Amyl alcohol	2006	100	2000	0	100	44.6	163	0	0	0	
tert-Amyl methyl ether	424.8	10	400	0	106	68.2	144	0	0	0	
tert-Butyl Alcohol	2403	100	2000	0	120	42.4	188	0	0	0	
tert-Butyl formate	1216	100	2000	0	60.8	26.3	149	0	0	0	

Sample ID: **1102M58-041AMSD** Client ID: **DW-10** Units: **ug/L** Prep Date: **03/04/2011** Run No: **191818**
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **143017** Analysis Date: **03/04/2011** Seq No: **4003183**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	53.74	5.0	50	1.480	105	62.2	143	55.45	3.13	20	
Toluene	51.44	5.0	50	0	103	57.8	149	54.12	5.08	20	
Surr: 4-Bromofluorobenzene	46.52	0	50	0	93	64.7	130	46.63	0	0	
Surr: Dibromofluoromethane	49.70	0	50	0	99.4	80.7	129	50.10	0	0	
Surr: Toluene-d8	47.81	0	50	0	95.6	71.1	120	48.23	0	0	

Sample ID: **1102M58-041AMSD** Client ID: **DW-10** Units: **ug/L** Prep Date: **03/04/2011** Run No: **191818**
SampleType: **MSD** TestCode: **Oxygenates (AES SOP OA-11010) SW8260B** BatchID: **143017** Analysis Date: **03/04/2011** Seq No: **4003351**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
3,3-Dimethyl-1-butanol	2070	100	2000	0	104	44.9	165	2041	1.41	19.5	
Ethanol	1205	100	2000	0	60.3	43.4	147	1113	7.95	35.6	
Ethyl tert-butyl ether	431.1	100	400	0	108	64.1	150	422.3	2.06	17.2	
Isopropyl ether	446.2	10	400	0	112	59.6	152	444.7	0.334	17.6	
tert-Amyl alcohol	2014	100	2000	0	101	44.6	163	2006	0.4	22.2	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Analytical Environmental Services, Inc

Date: 9-Mar-11

Client: Terry Environmental
Project Name: 2170E Li'l Cricket #339
Workorder: 1102M58

ANALYTICAL QC SUMMARY REPORT

BatchID: 143017

Sample ID: **1102M58-041AMSD**	Client ID: **DW-10**				Units: **ug/L**		Prep Date: **03/04/2011**		Run No: **191818**	
SampleType: **MSD**	TestCode: **Oxygenates (AES SOP OA-11010) SW8260B**				BatchID: **143017**		Analysis Date: **03/04/2011**		Seq No: **4003351**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
tert-Amyl methyl ether	430.6	10	400	0	108	68.2	144	424.8	1.36	16.6	
tert-Butyl Alcohol	2489	100	2000	0	124	42.4	188	2403	3.53	37.7	
tert-Butyl formate	1053	100	2000	0	52.7	26.3	149	1216	14.4	55.8	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Terry Environmental
Project Name: 2170E Li'l Cricket #339
Workorder: 1102M58

ANALYTICAL QC SUMMARY REPORT

BatchID: 143063

Sample ID: **MB-143063** Client ID: Units: **ug/L** Prep Date: **03/04/2011** Run No: **191885**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **143063** Analysis Date: **03/04/2011** Seq No: **4003128**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	5.0	0	0	0	0	0	0	0	0	
Naphthalene	BRL	5.0	0	0	0	0	0	0	0	0	
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	
Xylenes, Total	BRL	5.0	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	42.03	0	50	0	84.1	64.7	130	0	0	0	
Surr: Dibromofluoromethane	52.95	0	50	0	106	80.7	129	0	0	0	
Surr: Toluene-d8	45.78	0	50	0	91.6	71.1	120	0	0	0	

Sample ID: **MB-143063** Client ID: Units: **ug/L** Prep Date: **03/04/2011** Run No: **191885**
SampleType: **MBLK** TestCode: **Oxygenates (AES SOP OA-11010) SW8260B** BatchID: **143063** Analysis Date: **03/04/2011** Seq No: **4003143**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
3,3-Dimethyl-1-butanol	BRL	100	0	0	0	0	0	0	0	0	
Ethanol	BRL	100	0	0	0	0	0	0	0	0	
Ethyl tert-butyl ether	BRL	100	0	0	0	0	0	0	0	0	
Isopropyl ether	BRL	10	0	0	0	0	0	0	0	0	
tert-Amyl alcohol	BRL	100	0	0	0	0	0	0	0	0	
tert-Amyl methyl ether	BRL	10	0	0	0	0	0	0	0	0	
tert-Butyl Alcohol	BRL	100	0	0	0	0	0	0	0	0	
tert-Butyl formate	BRL	100	0	0	0	0	0	0	0	0	

Sample ID: **LCS-143063** Client ID: Units: **ug/L** Prep Date: **03/04/2011** Run No: **192033**
SampleType: **LCS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **143063** Analysis Date: **03/08/2011** Seq No: **4005892**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Terry Environmental
Project Name: 2170E Li'l Cricket #339
Workorder: 1102M58

ANALYTICAL QC SUMMARY REPORT

BatchID: 143063

Sample ID: **LCS-143063**	Client ID:	Units: **ug/L**	Prep Date: **03/04/2011**	Run No: **192033**
SampleType: **LCS**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**	BatchID: **143063**	Analysis Date: **03/08/2011**	Seq No: **4005892**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	51.28	5.0	50	0	103	70	130	0	0	0	
Toluene	51.90	5.0	50	0	104	70	130	0	0	0	
Surr: 4-Bromofluorobenzene	49.04	0	50	0	98.1	64.7	130	0	0	0	
Surr: Dibromofluoromethane	48.99	0	50	0	98	80.7	129	0	0	0	
Surr: Toluene-d8	48.45	0	50	0	96.9	71.1	120	0	0	0	

Sample ID: **LCS-143063**	Client ID:	Units: **ug/L**	Prep Date: **03/04/2011**	Run No: **192033**
SampleType: **LCS**	TestCode: **Oxygenates (AES SOP OA-11010) SW8260B**	BatchID: **143063**	Analysis Date: **03/08/2011**	Seq No: **4006082**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
3,3-Dimethyl-1-butanol	1641	100	2000	0	82	70	130	0	0	0	
Ethanol	1403	100	2000	0	70.2	70	130	0	0	0	
Ethyl tert-butyl ether	328.8	100	400	0	82.2	70	130	0	0	0	
Isopropyl ether	326.4	10	400	0	81.6	70	130	0	0	0	
tert-Amyl alcohol	1673	100	2000	0	83.7	70	130	0	0	0	
tert-Amyl methyl ether	332.5	10	400	0	83.1	70	130	0	0	0	
tert-Butyl Alcohol	1694	100	2000	0	84.7	70	130	0	0	0	
tert-Butyl formate	1642	100	2000	0	82.1	70	130	0	0	0	

Sample ID: **1102M58-024AMS**	Client ID: **MW-32**	Units: **ug/L**	Prep Date: **03/04/2011**	Run No: **192033**
SampleType: **MS**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**	BatchID: **143063**	Analysis Date: **03/08/2011**	Seq No: **4005893**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	50.96	5.0	50	0	102	62.2	143	0	0	0	
Toluene	51.46	5.0	50	0	103	57.8	149	0	0	0	
Surr: 4-Bromofluorobenzene	48.90	0	50	0	97.8	64.7	130	0	0	0	
Surr: Dibromofluoromethane	50.92	0	50	0	102	80.7	129	0	0	0	
Surr: Toluene-d8	47.84	0	50	0	95.7	71.1	120	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Terry Environmental
Project Name: 2170E Li'l Cricket #339
Workorder: 1102M58

ANALYTICAL QC SUMMARY REPORT

BatchID: 143063

Sample ID: **1102M58-024AMS** Client ID: **MW-32** Units: **ug/L** Prep Date: **03/04/2011** Run No: **192033**
SampleType: **MS** TestCode: **Oxygenates (AES SOP OA-11010) SW8260B** BatchID: **143063** Analysis Date: **03/08/2011** Seq No: **4006093**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
3,3-Dimethyl-1-butanol	1549	100	2000	0	77.4	44.9	165	0	0	0	
Ethanol	1802	100	2000	0	90.1	43.4	147	0	0	0	
Ethyl tert-butyl ether	332.4	100	400	0	83.1	64.1	150	0	0	0	
Isopropyl ether	326.1	10	400	0	81.5	59.6	152	0	0	0	
tert-Amyl alcohol	1597	100	2000	0	79.9	44.6	163	0	0	0	
tert-Amyl methyl ether	330.9	10	400	0	82.7	68.2	144	0	0	0	
tert-Butyl Alcohol	2476	100	2000	0	124	42.4	188	0	0	0	
tert-Butyl formate	BRL	100	2000	0	3.67	26.3	149	0	0	0	S

Sample ID: **1102M58-024AMSD** Client ID: **MW-32** Units: **ug/L** Prep Date: **03/04/2011** Run No: **192033**
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **143063** Analysis Date: **03/08/2011** Seq No: **4005895**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	50.46	5.0	50	0	101	62.2	143	50.96	0.986	20	
Toluene	50.14	5.0	50	0	100	57.8	149	51.46	2.6	20	
Surr: 4-Bromofluorobenzene	48.39	0	50	0	96.8	64.7	130	48.90	0	0	
Surr: Dibromofluoromethane	48.73	0	50	0	97.5	80.7	129	50.92	0	0	
Surr: Toluene-d8	47.00	0	50	0	94	71.1	120	47.84	0	0	

Sample ID: **1102M58-024AMSD** Client ID: **MW-32** Units: **ug/L** Prep Date: **03/04/2011** Run No: **192033**
SampleType: **MSD** TestCode: **Oxygenates (AES SOP OA-11010) SW8260B** BatchID: **143063** Analysis Date: **03/08/2011** Seq No: **4006095**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
3,3-Dimethyl-1-butanol	1512	100	2000	0	75.6	44.9	165	1549	2.4	19.5	
Ethanol	1610	100	2000	0	80.5	43.4	147	1802	11.3	35.6	
Ethyl tert-butyl ether	328.4	100	400	0	82.1	64.1	150	332.4	1.19	17.2	
Isopropyl ether	324.3	10	400	0	81.1	59.6	152	326.1	0.554	17.6	
tert-Amyl alcohol	1550	100	2000	0	77.5	44.6	163	1597	3	22.2	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Analytical Environmental Services, Inc

Date: 9-Mar-11

Client: Terry Environmental
Project Name: 2170E Li'l Cricket #339
Workorder: 1102M58

ANALYTICAL QC SUMMARY REPORT

BatchID: 143063

Sample ID: **1102M58-024AMSD**	Client ID: **MW-32**				Units: **ug/L**		Prep Date: **03/04/2011**		Run No: **192033**		
SampleType: **MSD**	TestCode: **Oxygenates (AES SOP OA-11010) SW8260B**				BatchID: **143063**		Analysis Date: **03/08/2011**		Seq No: **4006095**		
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
tert-Amyl methyl ether	334.6	10	400	0	83.6	68.2	144	330.9	1.1	16.6	
tert-Butyl Alcohol	2315	100	2000	0	116	42.4	188	2476	6.74	37.7	
tert-Butyl formate	BRL	100	2000	0	2.79	26.3	149	73.47	0	55.8	S

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Terry Environmental
Project Name: 2170E Li'l Cricket #339
Workorder: 1102M58

ANALYTICAL QC SUMMARY REPORT

BatchID: 143104

Sample ID: **MB-143104** Client ID: Units: **ug/L** Prep Date: **03/05/2011** Run No: **191926**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **143104** Analysis Date: **03/05/2011** Seq No: **4004536**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	5.0	0	0	0	0	0	0	0	0	
Naphthalene	BRL	5.0	0	0	0	0	0	0	0	0	
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	
Xylenes, Total	BRL	5.0	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	45.51	0	50	0	91	64.7	130	0	0	0	
Surr: Dibromofluoromethane	49.73	0	50	0	99.5	80.7	129	0	0	0	
Surr: Toluene-d8	48.63	0	50	0	97.3	71.1	120	0	0	0	

Sample ID: **MB-143104** Client ID: Units: **ug/L** Prep Date: **03/05/2011** Run No: **191926**
SampleType: **MBLK** TestCode: **Oxygenates (AES SOP OA-11010) SW8260B** BatchID: **143104** Analysis Date: **03/05/2011** Seq No: **4004562**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
3,3-Dimethyl-1-butanol	BRL	100	0	0	0	0	0	0	0	0	
Ethanol	BRL	100	0	0	0	0	0	0	0	0	
Ethyl tert-butyl ether	BRL	100	0	0	0	0	0	0	0	0	
Isopropyl ether	BRL	10	0	0	0	0	0	0	0	0	
tert-Amyl alcohol	BRL	100	0	0	0	0	0	0	0	0	
tert-Amyl methyl ether	BRL	10	0	0	0	0	0	0	0	0	
tert-Butyl Alcohol	BRL	100	0	0	0	0	0	0	0	0	
tert-Butyl formate	BRL	100	0	0	0	0	0	0	0	0	

Sample ID: **LCS-143104** Client ID: Units: **ug/L** Prep Date: **03/05/2011** Run No: **191926**
SampleType: **LCS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **143104** Analysis Date: **03/05/2011** Seq No: **4004535**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Terry Environmental
Project Name: 2170E Li'l Cricket #339
Workorder: 1102M58

ANALYTICAL QC SUMMARY REPORT

BatchID: 143104

Sample ID: **LCS-143104**	Client ID:			Units: **ug/L**		Prep Date: **03/05/2011**		Run No: **191926**	
SampleType: **LCS**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**			BatchID: **143104**		Analysis Date: **03/05/2011**		Seq No: **4004535**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	52.27	5.0	50	0	105	70	130	0	0	0	
Toluene	51.17	5.0	50	0	102	70	130	0	0	0	
Surr: 4-Bromofluorobenzene	46.09	0	50	0	92.2	64.7	130	0	0	0	
Surr: Dibromofluoromethane	49.63	0	50	0	99.3	80.7	129	0	0	0	
Surr: Toluene-d8	46.90	0	50	0	93.8	71.1	120	0	0	0	

Sample ID: **LCS-143104**	Client ID:			Units: **ug/L**		Prep Date: **03/05/2011**		Run No: **191926**	
SampleType: **LCS**	TestCode: **Oxygenates (AES SOP OA-11010) SW8260B**			BatchID: **143104**		Analysis Date: **03/05/2011**		Seq No: **4004561**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
3,3-Dimethyl-1-butanol	1448	100	2000	0	72.4	70	130	0	0	0	
Ethanol	1797	100	2000	0	89.9	70	130	0	0	0	
Ethyl tert-butyl ether	298.3	100	400	0	74.6	70	130	0	0	0	
Isopropyl ether	316.8	10	400	0	79.2	70	130	0	0	0	
tert-Amyl alcohol	1490	100	2000	0	74.5	70	130	0	0	0	
tert-Amyl methyl ether	293.2	10	400	0	73.3	70	130	0	0	0	
tert-Butyl Alcohol	1606	100	2000	0	80.3	70	130	0	0	0	
tert-Butyl formate	1650	100	2000	0	82.5	70	130	0	0	0	

Sample ID: **1102M58-003AMS**	Client ID: **MW-9**			Units: **ug/L**		Prep Date: **03/05/2011**		Run No: **191926**	
SampleType: **MS**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**			BatchID: **143104**		Analysis Date: **03/05/2011**		Seq No: **4004538**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	27970	2500	25000	2860	100	62.2	143	0	0	0	
Toluene	28180	2500	25000	2725	102	57.8	149	0	0	0	
Surr: 4-Bromofluorobenzene	22900	0	25000	0	91.6	64.7	130	0	0	0	
Surr: Dibromofluoromethane	24500	0	25000	0	98	80.7	129	0	0	0	
Surr: Toluene-d8	24040	0	25000	0	96.2	71.1	120	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Terry Environmental
Project Name: 2170E Li'l Cricket #339
Workorder: 1102M58

ANALYTICAL QC SUMMARY REPORT

BatchID: 143104

Sample ID: **1102M58-003AMS** Client ID: **MW-9** Units: **ug/L** Prep Date: **03/05/2011** Run No: **191926**
SampleType: **MS** TestCode: **Oxygenates (AES SOP OA-11010) SW8260B** BatchID: **143104** Analysis Date: **03/05/2011** Seq No: **4004564**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
3,3-Dimethyl-1-butanol	1145000	50000	1000000	0	114	44.9	165	0	0	0	
Ethanol	803200	50000	1000000	0	80.3	43.4	147	0	0	0	
Ethyl tert-butyl ether	251400	50000	200000	0	126	64.1	150	0	0	0	
Isopropyl ether	267600	5000	200000	0	134	59.6	152	0	0	0	
tert-Amyl alcohol	1154000	50000	1000000	0	115	44.6	163	0	0	0	
tert-Amyl methyl ether	248200	5000	200000	0	124	68.2	144	0	0	0	
tert-Butyl Alcohol	1144000	50000	1000000	0	114	42.4	188	0	0	0	
tert-Butyl formate	1320000	50000	1000000	0	132	26.3	149	0	0	0	

Sample ID: **1102M58-003AMSD** Client ID: **MW-9** Units: **ug/L** Prep Date: **03/05/2011** Run No: **191926**
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **143104** Analysis Date: **03/05/2011** Seq No: **4004539**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	27690	2500	25000	2860	99.3	62.2	143	27970	1.01	20	
Toluene	28080	2500	25000	2725	101	57.8	149	28180	0.356	20	
Surr: 4-Bromofluorobenzene	22830	0	25000	0	91.3	64.7	130	22900	0	0	
Surr: Dibromofluoromethane	24700	0	25000	0	98.8	80.7	129	24500	0	0	
Surr: Toluene-d8	23720	0	25000	0	94.9	71.1	120	24040	0	0	

Sample ID: **1102M58-003AMSD** Client ID: **MW-9** Units: **ug/L** Prep Date: **03/05/2011** Run No: **191926**
SampleType: **MSD** TestCode: **Oxygenates (AES SOP OA-11010) SW8260B** BatchID: **143104** Analysis Date: **03/05/2011** Seq No: **4004565**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
3,3-Dimethyl-1-butanol	1159000	50000	1000000	0	116	44.9	165	1145000	1.24	19.5	
Ethanol	1094000	50000	1000000	0	109	43.4	147	803200	30.6	35.6	
Ethyl tert-butyl ether	248900	50000	200000	0	124	64.1	150	251400	0.981	17.2	
Isopropyl ether	262800	5000	200000	0	131	59.6	152	267600	1.81	17.6	
tert-Amyl alcohol	1150000	50000	1000000	0	115	44.6	163	1154000	0.346	22.2	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Analytical Environmental Services, Inc

Date: 9-Mar-11

Client: Terry Environmental
Project Name: 2170E Li'l Cricket #339
Workorder: 1102M58

ANALYTICAL QC SUMMARY REPORT

BatchID: 143104

Sample ID: **1102M58-003AMSD**	Client ID: **MW-9**				Units: **ug/L**		Prep Date: **03/05/2011**		Run No: **191926**	
SampleType: **MSD**	TestCode: **Oxygenates (AES SOP OA-11010) SW8260B**				BatchID: **143104**		Analysis Date: **03/05/2011**		Seq No: **4004565**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
tert-Amyl methyl ether	246100	5000	200000	0	123	68.2	144	248200	0.813	16.6	
tert-Butyl Alcohol	1167000	50000	1000000	0	117	42.4	188	1144000	2.02	37.7	
tert-Butyl formate	1300000	50000	1000000	0	130	26.3	149	1320000	1.51	55.8	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

ACCESS ANALYTICAL, INC.

ANALYTICAL REPORT

CLIENT

Terry Environmental
PO Box 25
Summerville SC 29484

ATTENTION
Kelly Cone

PROJECT ID
F. Lil Cricket #339 2170E

LABORATORY REPORT NUMBER
1103M93

DATE
March 31, 2011

Primary Data Review By

Nicole Jessup

Nicole Jessup
Project Manager, AES

Secondary Data Review By

Ashley Amick

Project Manager, Access Analytical
aamick@axs-inc.com

PLEASE NOTE:

- **Unless otherwise noted, all analysis on this report performed at Analytical Environmental Services Inc. (AES Inc), 3785 Presidential Parkway, Atlanta, GA 30340.**
- **AES is SCDHEC certified laboratory # 98016, NCDENR certified lab # 562, GA certified lab # FL-E87582, NELAP certified laboratory # E87582**
- Local support services for this project are provided by Access Analytical, Inc. Access Analytical is a representative of AES serving client in the SC/NC/GA areas. All questions regarding this report should be directed to your local Access Analytical representative at 803.781.4243 or toll fee at 883.315.4243

Access Analytical - Chain of Custody Record

LAB USE ONLY

LAB USE ONLY 1103M93

Project Work Order # _____ **PO #** _____ **Access Quote #** _____ **Laboratory ID:** _____

Company Name: TERRY Environmental

Report To: Kelly Cone

Address: PO Box 25

City: Summerville State: SC Zip: 29483

Phone: 843-873-9200 Fax:

Email: KCone@Terryenvironmental.com

Project ID: F. Licorice #339 2170E

Sampled By: LO

Sample ID/Description	Date Collected:	Time Collected:	Type: (grab or composite)	Matrix: (see codes)	Program Area (see codes)	TOTAL # of containers	# of containers collected	# per analysis	↓ REQUESTED LAB ANALYSIS: ↓ BTEX, Naph, MTBE, 1,2-DCA	EDB	8-Oxygenates	Lead	NOTES / COMMENTS (if sample is a composite please see space below to note start/finish times & dates)
							Preservative: (*see codes)		1	0	1	2	
							Container Type: (*see codes)		G	G	G	P	
MW-41	3/24/11	0905	grab	GW	SHW	7			2	2	2	1	Chemical odor
MW-43	3/24/11	0810	grab	GW	SHW	7			2	2	2	1	

ACCESS ANALYTICAL, INC.

7478 Carlisle Street
Irmo, SC 29063

Phone: (803) 781-4243
Fax: 781-4303

www.axs-inc.com

*Preservative Codes (place corresponding # in block above analysis field): 0 = None, 1 = HCL, 2 = HNO_3, 3 = H_2SO_4, 4 = NaOH, 5 = $Na_2S_2O_3$, 6 = Method 5035 set w/ $NaHSO_4$ & CH_3OH, 7 = NaOH/ZnOAC, 8 = H_3PO_4

*Matrix Codes (place corresponding code in matrix column): GW = ground water, WW = waste water, DW = drinking water, S = soil, SL = sludge, A = air, IW = industrial waste, WO = waste oil, OT = other (specify in comments section)

*Program Area Codes: CWA = Clean Water Act (for wastewaters), SDWA = Safe Drinking Water Act (for drinking waters), SHW = Solid and Hazardous Wastes (for soils, ground waters and waste samples)

*Container Type: G = Glass, P = Plastic

Turnaround Time:

___ Standard
X RUSH*
*Date Required: 4/1/11
(For rush work, results emailed/faxed by end of business day on date required)

Project Location:
X SC
___ NC
___ Other
(specify) _____

Relinquished By:	Received By:	Date (mm-dd-yy)	Time (24HR)	Sample Temp. Upon Receipt (°C):	
Lauren Cone	M Robertson	3/24/11	1250	3.0 (°C)	___ (N/A)
M. Robertson	FedEx 1	3/24/11	1700	___ (°C)	✓ (N/A)
		3/25/11	1100	___ (°C)	___ (N/A)
				___ (°C)	___ (N/A)

See Reverse for Terms and Conditions

Original Copy - Returned w/Report
Yellow Copy - Access File Copy
Pink Copy - Client Copy

Pg 1 of 1

Page 2 of 11

Analytical Environmental Services, Inc.

Date: *04-Apr-11*

CLIENT: Terry Environmental
Client Sample ID: MW-41
Project: F. Lil Cricket #339 2170E
Collection Date: 3/24/2011 8:05:00 AM
Lab ID: 1103M93-001
Matrix: GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011							Analyst: **RUF**
1,2-Dibromoethane	BRL	0.020		ug/L	144107	1	3/29/2011 4:35 AM
Surr: 4-Bromofluorobenzene	78.7	66.9-137		%REC	144107	1	3/29/2011 4:35 AM
TOTAL METALS BY ICP/MS SW6020A					**(SW3005A)**		Analyst: **JY**
Lead	24.0	1.00		ug/L	144099	1	3/28/2011 11:46 PM
OXYGENATES (AES SOP OA-11010) SW8260B					**(SW5030B)**		Analyst: **JE**
3,3-Dimethyl-1-butanol	BRL	100		ug/L	144062	1	3/30/2011 6:37 PM
Ethanol	BRL	100		ug/L	144062	1	3/30/2011 6:37 PM
Ethyl tert-butyl ether	BRL	100		ug/L	144062	1	3/30/2011 6:37 PM
Isopropyl ether	BRL	10		ug/L	144062	1	3/30/2011 6:37 PM
tert-Amyl alcohol	BRL	100		ug/L	144062	1	3/30/2011 6:37 PM
tert-Amyl methyl ether	BRL	10		ug/L	144062	1	3/30/2011 6:37 PM
tert-Butyl Alcohol	250	100		ug/L	144062	1	3/30/2011 6:37 PM
tert-Butyl formate	BRL	100		ug/L	144062	1	3/30/2011 6:37 PM
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B					**(SW5030B)**		Analyst: **JE**
Benzene	81	5.0		ug/L	144062	1	3/30/2011 6:37 PM
Toluene	BRL	5.0		ug/L	144062	1	3/30/2011 6:37 PM
Ethylbenzene	BRL	5.0		ug/L	144062	1	3/30/2011 6:37 PM
Xylenes, Total	BRL	5.0		ug/L	144062	1	3/30/2011 6:37 PM
Naphthalene	6.0	5.0		ug/L	144062	1	3/30/2011 6:37 PM
Methyl tert-butyl ether	94	5.0		ug/L	144062	1	3/30/2011 6:37 PM
1,2-Dichloroethane	BRL	5.0		ug/L	144062	1	3/30/2011 6:37 PM
Surr: 4-Bromofluorobenzene	89.0	64.7-130		%REC	144062	1	3/30/2011 6:37 PM
Surr: Dibromofluoromethane	109	80.7-129		%REC	144062	1	3/30/2011 6:37 PM
Surr: Toluene-d8	95.9	71.1-120		%REC	144062	1	3/30/2011 6:37 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: *04-Apr-11*

CLIENT: Terry Environmental
Client Sample ID: MW-43
Project: F. Lil Cricket #339 2170E
Collection Date: 3/24/2011 8:40:00 AM
Lab ID: 1103M93-002
Matrix: GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011							Analyst: **RUF**
1,2-Dibromoethane	BRL	0.021		ug/L	144107	1	3/29/2011 5:49 AM
Surr: 4-Bromofluorobenzene	93.4	66.9-137		%REC	144107	1	3/29/2011 5:49 AM
TOTAL METALS BY ICP/MS SW6020A					**(SW3005A)**		Analyst: **JY**
Lead	11.7	1.00		ug/L	144099	1	3/28/2011 11:52 PM
OXYGENATES (AES SOP OA-11010) SW8260B					**(SW5030B)**		Analyst: **JE**
3,3-Dimethyl-1-butanol	BRL	100		ug/L	144062	1	3/30/2011 7:06 PM
Ethanol	BRL	100		ug/L	144062	1	3/30/2011 7:06 PM
Ethyl tert-butyl ether	BRL	100		ug/L	144062	1	3/30/2011 7:06 PM
Isopropyl ether	BRL	10		ug/L	144062	1	3/30/2011 7:06 PM
tert-Amyl alcohol	BRL	100		ug/L	144062	1	3/30/2011 7:06 PM
tert-Amyl methyl ether	BRL	10		ug/L	144062	1	3/30/2011 7:06 PM
tert-Butyl Alcohol	BRL	100		ug/L	144062	1	3/30/2011 7:06 PM
tert-Butyl formate	BRL	100		ug/L	144062	1	3/30/2011 7:06 PM
VOLATILE ORGANIC COMPOUNDS BY GC/MS SW8260B					**(SW5030B)**		Analyst: **JE**
Benzene	BRL	5.0		ug/L	144062	1	3/30/2011 7:06 PM
Toluene	BRL	5.0		ug/L	144062	1	3/30/2011 7:06 PM
Ethylbenzene	BRL	5.0		ug/L	144062	1	3/30/2011 7:06 PM
Xylenes, Total	BRL	5.0		ug/L	144062	1	3/30/2011 7:06 PM
Naphthalene	BRL	5.0		ug/L	144062	1	3/30/2011 7:06 PM
Methyl tert-butyl ether	BRL	5.0		ug/L	144062	1	3/30/2011 7:06 PM
1,2-Dichloroethane	BRL	5.0		ug/L	144062	1	3/30/2011 7:06 PM
Surr: 4-Bromofluorobenzene	77.4	64.7-130		%REC	144062	1	3/30/2011 7:06 PM
Surr: Dibromofluoromethane	120	80.7-129		%REC	144062	1	3/30/2011 7:06 PM
Surr: Toluene-d8	93.8	71.1-120		%REC	144062	1	3/30/2011 7:06 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Access Work Order Number 1103M93

Checklist completed by Mark 3.25.11
Signature Date

Carrier name: FedEx / UPS __ Courier __ Client __ US Mail __ Other _____

Shipping container/cooler in good condition? Yes / No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present /

Custody seals intact on sample bottles? Yes __ No __ Not Present /

Container/Temp Blank temperature in compliance? (4°C±2)* Yes / No __

Cooler #1 4.3°c Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes / No __

Chain of custody signed when relinquished and received? Yes / No __

Chain of custody agrees with sample labels? Yes / No __

Samples in proper container/bottle? Yes / No __

Sample containers intact? Yes / No __

Sufficient sample volume for indicated test? Yes / No __

All samples received within holding time? Yes / No __

Was TAT marked on the COC? Yes / No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable /

Water - VOA vials have zero headspace? No VOA vials submitted __ Yes / No __

Water - pH acceptable upon receipt? Yes / No __ Not Applicable __

Adjusted? _____ Checked by MK

Sample Condition: Good / Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No /

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

\L\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample_Cooler_Receipt_Checklist

Client: Terry Environmental
Project Name: F. Lil Cricket #339 2170E
Workorder: 1103M93

ANALYTICAL QC SUMMARY REPORT

BatchID: 144062

Sample ID: **MB-144062** Client ID: Units: **ug/L** Prep Date: **03/25/2011** Run No: **193421**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **144062** Analysis Date: **03/25/2011** Seq No: **4035295**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	5.0	0	0	0	0	0	0	0	0	
Naphthalene	BRL	5.0	0	0	0	0	0	0	0	0	
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	
Xylenes, Total	BRL	5.0	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	40.19	0	50	0	80.4	64.7	130	0	0	0	
Surr: Dibromofluoromethane	59.76	0	50	0	120	80.7	129	0	0	0	
Surr: Toluene-d8	48.21	0	50	0	96.4	71.1	120	0	0	0	

Sample ID: **MB-144062** Client ID: Units: **ug/L** Prep Date: **03/25/2011** Run No: **193421**
SampleType: **MBLK** TestCode: **Oxygenates (AES SOP OA-11010) SW8260B** BatchID: **144062** Analysis Date: **03/25/2011** Seq No: **4035599**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
3,3-Dimethyl-1-butanol	BRL	100	0	0	0	0	0	0	0	0	
Ethanol	BRL	100	0	0	0	0	0	0	0	0	
Ethyl tert-butyl ether	BRL	100	0	0	0	0	0	0	0	0	
Isopropyl ether	BRL	10	0	0	0	0	0	0	0	0	
tert-Amyl alcohol	BRL	100	0	0	0	0	0	0	0	0	
tert-Amyl methyl ether	BRL	10	0	0	0	0	0	0	0	0	
tert-Butyl Alcohol	BRL	100	0	0	0	0	0	0	0	0	
tert-Butyl formate	BRL	100	0	0	0	0	0	0	0	0	

Sample ID: **LCS-144062** Client ID: Units: **ug/L** Prep Date: **03/25/2011** Run No: **193421**
SampleType: **LCS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **144062** Analysis Date: **03/25/2011** Seq No: **4035292**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Terry Environmental
Project Name: F. Lil Cricket #339 2170E
Workorder: 1103M93

ANALYTICAL QC SUMMARY REPORT

BatchID: 144062

Sample ID: **LCS-144062** Client ID: Units: **ug/L** Prep Date: **03/25/2011** Run No: **193421**
SampleType: **LCS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **144062** Analysis Date: **03/25/2011** Seq No: **4035292**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	55.29	5.0	50	0	111	70	130	0	0	0	
Toluene	54.62	5.0	50	0	109	70	130	0	0	0	
Surr: 4-Bromofluorobenzene	39.73	0	50	0	79.5	64.7	130	0	0	0	
Surr: Dibromofluoromethane	53.51	0	50	0	107	80.7	129	0	0	0	
Surr: Toluene-d8	46.47	0	50	0	92.9	71.1	120	0	0	0	

Sample ID: **LCS-144062** Client ID: Units: **ug/L** Prep Date: **03/25/2011** Run No: **193421**
SampleType: **LCS** TestCode: **Oxygenates (AES SOP OA-11010) SW8260B** BatchID: **144062** Analysis Date: **03/25/2011** Seq No: **4035592**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
3,3-Dimethyl-1-butanol	1828	100	2000	0	91.4	70	130	0	0	0	
Ethanol	2003	100	2000	0	100	70	130	0	0	0	
Ethyl tert-butyl ether	407.6	100	400	0	102	70	130	0	0	0	
Isopropyl ether	459.6	10	400	0	115	70	130	0	0	0	
tert-Amyl alcohol	1940	100	2000	0	97	70	130	0	0	0	
tert-Amyl methyl ether	397.2	10	400	0	99.3	70	130	0	0	0	
tert-Butyl Alcohol	2115	100	2000	0	106	70	130	0	0	0	
tert-Butyl formate	2460	100	2000	0	123	70	130	0	0	0	

Sample ID: **1103K89-011AMS** Client ID: Units: **ug/L** Prep Date: **03/25/2011** Run No: **193421**
SampleType: **MS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **144062** Analysis Date: **03/25/2011** Seq No: **4035293**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	46.34	5.0	50	0	92.7	62.2	143	0	0	0	
Toluene	46.96	5.0	50	0	93.9	57.8	149	0	0	0	
Surr: 4-Bromofluorobenzene	38.83	0	50	0	77.7	64.7	130	0	0	0	
Surr: Dibromofluoromethane	54.43	0	50	0	109	80.7	129	0	0	0	
Surr: Toluene-d8	45.90	0	50	0	91.8	71.1	120	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Terry Environmental
Project Name: F. Lil Cricket #339 2170E
Workorder: 1103M93

ANALYTICAL QC SUMMARY REPORT

BatchID: 144062

Sample ID: **1103K89-011AMS** Client ID: Units: **ug/L** Prep Date: **03/25/2011** Run No: **193421**
SampleType: **MS** TestCode: **Oxygenates (AES SOP OA-11010) SW8260B** BatchID: **144062** Analysis Date: **03/25/2011** Seq No: **4035594**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
3,3-Dimethyl-1-butanol	1672	100	2000	0	83.6	44.9	165	0	0	0	
Ethanol	1841	100	2000	0	92	43.4	147	0	0	0	
Ethyl tert-butyl ether	401.7	100	400	0	100	64.1	150	0	0	0	
Isopropyl ether	455.1	10	400	0	114	59.6	152	0	0	0	
tert-Amyl alcohol	1791	100	2000	0	89.6	44.6	163	0	0	0	
tert-Amyl methyl ether	388.3	10	400	0	97.1	68.2	144	0	0	0	
tert-Butyl Alcohol	3140	100	2000	0	157	42.4	188	0	0	0	
tert-Butyl formate	BRL	100	2000	0	3.82	26.3	149	0	0	0	S

Sample ID: **1103K89-011AMSD** Client ID: Units: **ug/L** Prep Date: **03/25/2011** Run No: **193421**
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **144062** Analysis Date: **03/25/2011** Seq No: **4035294**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	57.50	5.0	50	0	115	62.2	143	46.34	21.5	20	R
Toluene	57.35	5.0	50	0	115	57.8	149	46.96	19.9	20	
Surr: 4-Bromofluorobenzene	38.41	0	50	0	76.8	64.7	130	38.83	0	0	
Surr: Dibromofluoromethane	53.69	0	50	0	107	80.7	129	54.43	0	0	
Surr: Toluene-d8	46.84	0	50	0	93.7	71.1	120	45.90	0	0	

Sample ID: **1103K89-011AMSD** Client ID: Units: **ug/L** Prep Date: **03/25/2011** Run No: **193421**
SampleType: **MSD** TestCode: **Oxygenates (AES SOP OA-11010) SW8260B** BatchID: **144062** Analysis Date: **03/25/2011** Seq No: **4035597**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
3,3-Dimethyl-1-butanol	1959	100	2000	0	97.9	44.9	165	1672	15.8	19.5	
Ethanol	1904	100	2000	0	95.2	43.4	147	1841	3.4	35.6	
Ethyl tert-butyl ether	457.6	100	400	0	114	64.1	150	401.7	13	17.2	
Isopropyl ether	510.5	10	400	0	128	59.6	152	455.1	11.5	17.6	
tert-Amyl alcohol	2077	100	2000	0	104	44.6	163	1791	14.8	22.2	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Analytical Environmental Services, Inc

Date: 31-Mar-11

Client: Terry Environmental
Project Name: F. Lil Cricket #339 2170E
Workorder: 1103M93

ANALYTICAL QC SUMMARY REPORT

BatchID: 144062

Sample ID: **1103K89-011AMSD** Client ID: Units: **ug/L** Prep Date: **03/25/2011** Run No: **193421**
SampleType: **MSD** TestCode: **Oxygenates (AES SOP OA-11010) SW8260B** BatchID: **144062** Analysis Date: **03/25/2011** Seq No: **4035597**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
tert-Amyl methyl ether	438.9	10	400	0	110	68.2	144	388.3	12.2	16.6	
tert-Butyl Alcohol	3582	100	2000	0	179	42.4	188	3140	13.2	37.7	
tert-Butyl formate	BRL	100	2000	0	3.37	26.3	149	76.48	0	55.8	S

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Analytical Environmental Services, Inc

Date: 31-Mar-11

Client: Terry Environmental
Project Name: F. Lil Cricket #339 2170E
Workorder: 1103M93

ANALYTICAL QC SUMMARY REPORT

BatchID: 144099

Sample ID: **MB-144099**	Client ID:				Units: **ug/L**		Prep Date: **03/28/2011**		Run No: **193559**
SampleType: **MBLK**	TestCode: **Total Metals by ICP/MS**	**SW6020A**			BatchID: **144099**		Analysis Date: **03/28/2011**		Seq No: **4038293**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	BRL	1.00	0	0	0	0	0	0	0	0	

Sample ID: **LCS-144099**	Client ID:				Units: **ug/L**		Prep Date: **03/28/2011**		Run No: **193559**
SampleType: **LCS**	TestCode: **Total Metals by ICP/MS**	**SW6020A**			BatchID: **144099**		Analysis Date: **03/28/2011**		Seq No: **4038291**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	105.8	1.00	100	0	106	80	120	0	0	0	

Sample ID: **1103M91-001AMS**	Client ID:				Units: **ug/L**		Prep Date: **03/28/2011**		Run No: **193559**
SampleType: **MS**	TestCode: **Total Metals by ICP/MS**	**SW6020A**			BatchID: **144099**		Analysis Date: **03/28/2011**		Seq No: **4038307**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	108.1	1.00	100	2.403	106	75	125	0	0	0	

Sample ID: **1103M91-001AMSD**	Client ID:				Units: **ug/L**		Prep Date: **03/28/2011**		Run No: **193559**
SampleType: **MSD**	TestCode: **Total Metals by ICP/MS**	**SW6020A**			BatchID: **144099**		Analysis Date: **03/28/2011**		Seq No: **4038310**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	111.7	1.00	100	2.403	109	75	125	108.1	3.28	20	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Analytical Environmental Services, Inc

Date: 31-Mar-11

Client: Terry Environmental
Project Name: F. Lil Cricket #339 2170E
Workorder: 1103M93

ANALYTICAL QC SUMMARY REPORT

BatchID: 144107

Sample ID: **MB-144107**	Client ID:				Units: **ug/L**		Prep Date: **03/28/2011**		Run No: **193618**	
SampleType: **MBLK**	TestCode: **MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011**				BatchID: **144107**		Analysis Date: **03/28/2011**		Seq No: **4039694**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dibromoethane	BRL	0.020	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	4.576	0	5	0	91.5	66.9	137	0	0	0	

Sample ID: **LCS-144107**	Client ID:				Units: **ug/L**		Prep Date: **03/28/2011**		Run No: **193618**	
SampleType: **LCS**	TestCode: **MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011**				BatchID: **144107**		Analysis Date: **03/28/2011**		Seq No: **4039695**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dibromoethane	0.08600	0.020	0.1	0	86	60	140	0	0	0	
Surr: 4-Bromofluorobenzene	4.247	0	5	0	84.9	66.9	137	0	0	0	

Sample ID: **LCSD-144107**	Client ID:				Units: **ug/L**		Prep Date: **03/28/2011**		Run No: **193618**	
SampleType: **LCSD**	TestCode: **MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011**				BatchID: **144107**		Analysis Date: **03/28/2011**		Seq No: **4039696**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dibromoethane	0.09100	0.020	0.1	0	91	60	140	0.08600	5.65	30	
Surr: 4-Bromofluorobenzene	4.582	0	5	0	91.6	66.9	137	4.247	0	0	

Sample ID: **1103K89-004BMS**	Client ID:				Units: **ug/L**		Prep Date: **03/28/2011**		Run No: **193618**	
SampleType: **MS**	TestCode: **MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011**				BatchID: **144107**		Analysis Date: **03/28/2011**		Seq No: **4039700**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dibromoethane	0.08409	0.020	0.1025	0	82	59.1	134	0	0	0	
Surr: 4-Bromofluorobenzene	4.317	0	5.127	0	84.2	66.9	137	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

ACCESS ANALYTICAL, INC.

ANALYTICAL REPORT

CLIENT

Terry Environmental
PO Box 25
Summerville SC 29484

ATTENTION
Kelly Cone

PROJECT ID
Former Lil Cricket # 339/2170E

LABORATORY REPORT NUMBER
1105703

DATE
May 18, 2011

Primary Data Review By

Nicole Jessup

Project Manager, AES

Secondary Data Review By

Ashley Amick

Project Manager, Access Analytical
aamick@axs-inc.com

PLEASE NOTE:

- **Unless otherwise noted, all analysis on this report performed at Analytical Environmental Services Inc. (AES Inc), 3785 Presidential Parkway, Atlanta, GA 30340.**
- **AES is SCDHEC certified laboratory # 98016, NCDENR certified lab # 562, GA certified lab # FL-E87582, NELAP certified laboratory # E87582**
- Local support services for this project are provided by Access Analytical, Inc. Access Analytical is a representative of AES serving client in the SC/NC/GA areas. All questions regarding this report should be directed to your local Access Analytical representative at 803.781.4243 or toll fee at 883.315.4243

Revision 5/18/2011

Access Analytical - Chain of Custody Record

LAB USE ONLY — Project Work Order #: _____ PO #: _____ Access Quote #: _____ LAB USE ONLY — Laboratory ID: 1105703

Company Name: Terry Environmental
Report To: Kelly Cone
Address: PO Box 25
City: Summerville State: SC Zip: 29484
Phone: 843-873-8200 Fax:
Email: kcone@terryenvironmental.com
Project ID: former Li'l cricket # 339/2170E
Sampled By: KL

ACCESS ANALYTICAL, INC.
7478 Carlisle Street
Irmo, SC 29063
Phone: (803) 781-4243
Fax: 781-4303
www.axs-inc.com

Sample ID/Description	Date Collected	Time Collected	Type: (G = grab, C = composite)	Matrix: (GW = groundwater, DW = drinking water, WW = wastewater, SW = surface water, SOL = soil, SED = sediment, OIL = oil, LIQ = other liquid, SHW = solid and hazardous waste)	Preserv. Acid: (HCl, HNO3, H2SO4, NaOH, NaHSO4, Other)	TOTAL # of containers	BTEX, Naph, MTBE, 1,2-DCA	8 oxygenates	EDB	LEAD	BTEX, Naph, MTBE						
							1	1	1	2	1						
							G	G	G	P	G						
MW-44	5/5/11	1030	G	GW	SHW	7	2	2	2	1							
MW-45		1105				7	2	2	2	1							
MW-46		1245				7	2	2	2	1							
MW-47		1305				7	2	2	2	1							
MW-48		1345				7	2	2	2	1							
DW-11		0950				7	2	2	2	1							
SW-1		1405				2					2						
SW-2		1400				2					2						

NOTES / COMMENTS
(if sample is a composite please use space below to note start/finish times & dates)

Turnaround Time:
___Standard
✓RUSH*
*Date Required: 5/13/11
(For rush work, results emailed/faxed by end of business day on date required)

Project Location:
✓SC
___NC
___Other
(specify) _____

Relinquished By:	Received By:	Date (mm-dd-yy)	Time (24-hr)	Sample Temp. Upon Receipt (°C):	
	Amanda	5/6/11	1345	2.6 (°C)	___(N/A)
	Fedex	5/6/11	1700	___(°C)	10 (N/A)
		5/9/11	1015	___(°C)	___(N/A)
				___(°C)	___(N/A)

See Reverse for Terms and Conditions

Original Copy - Returned w/Report
Yellow Copy - Access File Copy
Pink Copy - Client Copy

Analytical Environmental Services, Inc **Date:** 18-May-11

Client:	Terry Environmental	**Client Sample ID:**	MW-44
Project Name:	Former Lil Cricket # 339/2170E	**Collection Date:**	5/5/2011 10:30:00 AM
Lab ID:	1105703-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	146329	1	05/12/2011 21:16	JT
Toluene	BRL	1.0		ug/L	146329	1	05/12/2011 21:16	JT
Ethylbenzene	BRL	1.0		ug/L	146329	1	05/12/2011 21:16	JT
Xylenes, Total	BRL	3.0		ug/L	146329	1	05/12/2011 21:16	JT
Naphthalene	BRL	5.0		ug/L	146329	1	05/12/2011 21:16	JT
Methyl tert-butyl ether	BRL	1.0		ug/L	146329	1	05/12/2011 21:16	JT
1,2-Dichloroethane	BRL	5.0		ug/L	146329	1	05/12/2011 21:16	JT
Surr: 4-Bromofluorobenzene	96.2	64.7-130		%REC	146329	1	05/12/2011 21:16	JT
Surr: Dibromofluoromethane	87	80.7-129		%REC	146329	1	05/12/2011 21:16	JT
Surr: Toluene-d8	80.9	71.1-120		%REC	146329	1	05/12/2011 21:16	JT
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	22.9	1.00		ug/L	146282	1	05/13/2011 07:52	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	146329	1	05/12/2011 21:16	JT
Ethanol	BRL	100		ug/L	146329	1	05/12/2011 21:16	JT
Ethyl tert-butyl ether	BRL	100		ug/L	146329	1	05/12/2011 21:16	JT
Isopropyl ether	BRL	10		ug/L	146329	1	05/12/2011 21:16	JT
tert-Amyl alcohol	BRL	100		ug/L	146329	1	05/12/2011 21:16	JT
tert-Amyl methyl ether	BRL	10		ug/L	146329	1	05/12/2011 21:16	JT
tert-Butyl Alcohol	BRL	100		ug/L	146329	1	05/12/2011 21:16	JT
tert-Butyl formate	BRL	100		ug/L	146329	1	05/12/2011 21:16	JT
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				**(SW8011)**				
1,2-Dibromoethane	BRL	0.020		ug/L	146202	1	05/11/2011 15:11	AK
Surr: 4-Bromofluorobenzene	84.8	66.9-137		%REC	146202	1	05/11/2011 15:11	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 18-May-11

Client:	Terry Environmental	**Client Sample ID:**	MW-45
Project Name:	Former Lil Cricket # 339/2170E	**Collection Date:**	5/5/2011 11:05:00 AM
Lab ID:	1105703-002	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				(SW5030B)				
Benzene	BRL	1.0		ug/L	146329	1	05/12/2011 21:44	JT
Toluene	BRL	1.0		ug/L	146329	1	05/12/2011 21:44	JT
Ethylbenzene	BRL	1.0		ug/L	146329	1	05/12/2011 21:44	JT
Xylenes, Total	BRL	3.0		ug/L	146329	1	05/12/2011 21:44	JT
Naphthalene	BRL	5.0		ug/L	146329	1	05/12/2011 21:44	JT
Methyl tert-butyl ether	1.3	1.0		ug/L	146329	1	05/12/2011 21:44	JT
1,2-Dichloroethane	BRL	5.0		ug/L	146329	1	05/12/2011 21:44	JT
Surr: 4-Bromofluorobenzene	86.8	64.7-130		%REC	146329	1	05/12/2011 21:44	JT
Surr: Dibromofluoromethane	89.7	80.7-129		%REC	146329	1	05/12/2011 21:44	JT
Surr: Toluene-d8	75.9	71.1-120		%REC	146329	1	05/12/2011 21:44	JT
Total Metals by ICP/MS SW6020A				(SW3005A)				
Lead	31.4	1.00		ug/L	146282	1	05/13/2011 08:23	JY
Oxygenates (AES SOP OA-11010) SW8260B				(SW5030B)				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	146329	1	05/12/2011 21:44	JT
Ethanol	BRL	100		ug/L	146329	1	05/12/2011 21:44	JT
Ethyl tert-butyl ether	BRL	100		ug/L	146329	1	05/12/2011 21:44	JT
Isopropyl ether	BRL	10		ug/L	146329	1	05/12/2011 21:44	JT
tert-Amyl alcohol	BRL	100		ug/L	146329	1	05/12/2011 21:44	JT
tert-Amyl methyl ether	BRL	10		ug/L	146329	1	05/12/2011 21:44	JT
tert-Butyl Alcohol	BRL	100		ug/L	146329	1	05/12/2011 21:44	JT
tert-Butyl formate	BRL	100		ug/L	146329	1	05/12/2011 21:44	JT
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				(SW8011)				
1,2-Dibromoethane	BRL	0.020		ug/L	146202	1	05/11/2011 15:49	AK
Surr: 4-Bromofluorobenzene	97.2	66.9-137		%REC	146202	1	05/11/2011 15:49	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 18-May-11

Client:	Terry Environmental	**Client Sample ID:**	MW-46
Project Name:	Former Lil Cricket # 339/2170E	**Collection Date:**	5/5/2011 12:45:00 PM
Lab ID:	1105703-003	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	146329	1	05/12/2011 22:13	JT
Toluene	BRL	1.0		ug/L	146329	1	05/12/2011 22:13	JT
Ethylbenzene	BRL	1.0		ug/L	146329	1	05/12/2011 22:13	JT
Xylenes, Total	BRL	3.0		ug/L	146329	1	05/12/2011 22:13	JT
Naphthalene	BRL	5.0		ug/L	146329	1	05/12/2011 22:13	JT
Methyl tert-butyl ether	BRL	1.0		ug/L	146329	1	05/12/2011 22:13	JT
1,2-Dichloroethane	BRL	5.0		ug/L	146329	1	05/12/2011 22:13	JT
Surr: 4-Bromofluorobenzene	86.5	64.7-130		%REC	146329	1	05/12/2011 22:13	JT
Surr: Dibromofluoromethane	87.5	80.7-129		%REC	146329	1	05/12/2011 22:13	JT
Surr: Toluene-d8	78.9	71.1-120		%REC	146329	1	05/12/2011 22:13	JT
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	5.12	1.00		ug/L	146282	1	05/13/2011 08:30	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	146329	1	05/12/2011 22:13	JT
Ethanol	BRL	100		ug/L	146329	1	05/12/2011 22:13	JT
Ethyl tert-butyl ether	BRL	100		ug/L	146329	1	05/12/2011 22:13	JT
Isopropyl ether	BRL	10		ug/L	146329	1	05/12/2011 22:13	JT
tert-Amyl alcohol	BRL	100		ug/L	146329	1	05/12/2011 22:13	JT
tert-Amyl methyl ether	BRL	10		ug/L	146329	1	05/12/2011 22:13	JT
tert-Butyl Alcohol	BRL	100		ug/L	146329	1	05/12/2011 22:13	JT
tert-Butyl formate	BRL	100		ug/L	146329	1	05/12/2011 22:13	JT
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				**(SW8011)**				
1,2-Dibromoethane	BRL	0.020		ug/L	146202	1	05/11/2011 16:26	AK
Surr: 4-Bromofluorobenzene	104	66.9-137		%REC	146202	1	05/11/2011 16:26	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 18-May-11

Client:	Terry Environmental	**Client Sample ID:**	MW-47
Project Name:	Former Lil Cricket # 339/2170E	**Collection Date:**	5/5/2011 1:05:00 PM
Lab ID:	1105703-004	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	146329	1	05/13/2011 05:50	JT
Toluene	BRL	1.0		ug/L	146329	1	05/13/2011 05:50	JT
Ethylbenzene	BRL	1.0		ug/L	146329	1	05/13/2011 05:50	JT
Xylenes, Total	BRL	3.0		ug/L	146329	1	05/13/2011 05:50	JT
Naphthalene	BRL	5.0		ug/L	146329	1	05/13/2011 05:50	JT
Methyl tert-butyl ether	BRL	1.0		ug/L	146329	1	05/13/2011 05:50	JT
1,2-Dichloroethane	BRL	5.0		ug/L	146329	1	05/13/2011 05:50	JT
Surr: 4-Bromofluorobenzene	83.9	64.7-130		%REC	146329	1	05/13/2011 05:50	JT
Surr: Dibromofluoromethane	91.4	80.7-129		%REC	146329	1	05/13/2011 05:50	JT
Surr: Toluene-d8	78	71.1-120		%REC	146329	1	05/13/2011 05:50	JT
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	3.51	1.00		ug/L	146282	1	05/13/2011 08:36	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	146329	1	05/13/2011 05:50	JT
Ethanol	BRL	100		ug/L	146329	1	05/13/2011 05:50	JT
Ethyl tert-butyl ether	BRL	100		ug/L	146329	1	05/13/2011 05:50	JT
Isopropyl ether	BRL	10		ug/L	146329	1	05/13/2011 05:50	JT
tert-Amyl alcohol	BRL	100		ug/L	146329	1	05/13/2011 05:50	JT
tert-Amyl methyl ether	BRL	10		ug/L	146329	1	05/13/2011 05:50	JT
tert-Butyl Alcohol	BRL	100		ug/L	146329	1	05/13/2011 05:50	JT
tert-Butyl formate	BRL	100		ug/L	146329	1	05/13/2011 05:50	JT
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				**(SW8011)**				
1,2-Dibromoethane	BRL	0.020		ug/L	146202	1	05/11/2011 17:03	AK
Surr: 4-Bromofluorobenzene	92	66.9-137		%REC	146202	1	05/11/2011 17:03	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 18-May-11

Client:	Terry Environmental	**Client Sample ID:**	MW-48
Project Name:	Former Lil Cricket # 339/2170E	**Collection Date:**	5/5/2011 1:45:00 PM
Lab ID:	1105703-005	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	146329	1	05/12/2011 22:41	JT
Toluene	BRL	1.0		ug/L	146329	1	05/12/2011 22:41	JT
Ethylbenzene	BRL	1.0		ug/L	146329	1	05/12/2011 22:41	JT
Xylenes, Total	BRL	3.0		ug/L	146329	1	05/12/2011 22:41	JT
Naphthalene	BRL	5.0		ug/L	146329	1	05/12/2011 22:41	JT
Methyl tert-butyl ether	BRL	1.0		ug/L	146329	1	05/12/2011 22:41	JT
1,2-Dichloroethane	BRL	5.0		ug/L	146329	1	05/12/2011 22:41	JT
Surr: 4-Bromofluorobenzene	87.2	64.7-130		%REC	146329	1	05/12/2011 22:41	JT
Surr: Dibromofluoromethane	88.6	80.7-129		%REC	146329	1	05/12/2011 22:41	JT
Surr: Toluene-d8	77.5	71.1-120		%REC	146329	1	05/12/2011 22:41	JT
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	144	1.00		ug/L	146282	1	05/13/2011 08:42	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	146329	1	05/12/2011 22:41	JT
Ethanol	BRL	100		ug/L	146329	1	05/12/2011 22:41	JT
Ethyl tert-butyl ether	BRL	100		ug/L	146329	1	05/12/2011 22:41	JT
Isopropyl ether	BRL	10		ug/L	146329	1	05/12/2011 22:41	JT
tert-Amyl alcohol	BRL	100		ug/L	146329	1	05/12/2011 22:41	JT
tert-Amyl methyl ether	BRL	10		ug/L	146329	1	05/12/2011 22:41	JT
tert-Butyl Alcohol	BRL	100		ug/L	146329	1	05/12/2011 22:41	JT
tert-Butyl formate	BRL	100		ug/L	146329	1	05/12/2011 22:41	JT
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				**(SW8011)**				
1,2-Dibromoethane	BRL	0.020		ug/L	146202	1	05/11/2011 17:41	AK
Surr: 4-Bromofluorobenzene	87.9	66.9-137		%REC	146202	1	05/11/2011 17:41	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 18-May-11

Client:	Terry Environmental	**Client Sample ID:**	DW-11
Project Name:	Former Lil Cricket # 339/2170E	**Collection Date:**	5/5/2011 9:50:00 AM
Lab ID:	1105703-006	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	13	1.0		ug/L	146329	1	05/13/2011 06:19	JT
Toluene	BRL	1.0		ug/L	146329	1	05/13/2011 06:19	JT
Ethylbenzene	BRL	1.0		ug/L	146329	1	05/13/2011 06:19	JT
Xylenes, Total	BRL	3.0		ug/L	146329	1	05/13/2011 06:19	JT
Naphthalene	BRL	5.0		ug/L	146329	1	05/13/2011 06:19	JT
Methyl tert-butyl ether	670	10		ug/L	146329	10	05/13/2011 12:31	JT
1,2-Dichloroethane	BRL	5.0		ug/L	146329	1	05/13/2011 06:19	JT
Surr: 4-Bromofluorobenzene	80.9	64.7-130		%REC	146329	10	05/13/2011 12:31	JT
Surr: 4-Bromofluorobenzene	94.9	64.7-130		%REC	146329	1	05/13/2011 06:19	JT
Surr: Dibromofluoromethane	85.6	80.7-129		%REC	146329	1	05/13/2011 06:19	JT
Surr: Dibromofluoromethane	88.1	80.7-129		%REC	146329	10	05/13/2011 12:31	JT
Surr: Toluene-d8	75.7	71.1-120		%REC	146329	10	05/13/2011 12:31	JT
Surr: Toluene-d8	84.4	71.1-120		%REC	146329	1	05/13/2011 06:19	JT
Total Metals by ICP/MS SW6020A				**(SW3005A)**				
Lead	BRL	1.00		ug/L	146282	1	05/13/2011 08:48	JY
Oxygenates (AES SOP OA-11010) SW8260B				**(SW5030B)**				
3,3-Dimethyl-1-butanol	BRL	100		ug/L	146329	1	05/13/2011 06:19	JT
Ethanol	BRL	100		ug/L	146329	1	05/13/2011 06:19	JT
Ethyl tert-butyl ether	BRL	100		ug/L	146329	1	05/13/2011 06:19	JT
Isopropyl ether	17	10		ug/L	146329	1	05/13/2011 06:19	JT
tert-Amyl alcohol	710	100		ug/L	146329	1	05/13/2011 06:19	JT
tert-Amyl methyl ether	11	10		ug/L	146329	1	05/13/2011 06:19	JT
tert-Butyl Alcohol	1400	100		ug/L	146329	1	05/13/2011 06:19	JT
tert-Butyl formate	BRL	100		ug/L	146329	1	05/13/2011 06:19	JT
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				**(SW8011)**				
1,2-Dibromoethane	BRL	0.020		ug/L	146202	1	05/11/2011 18:18	AK
Surr: 4-Bromofluorobenzene	60.3	66.9-137	S	%REC	146202	1	05/11/2011 18:18	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 18-May-11

Client:	Terry Environmental	**Client Sample ID:**	SW-1
Project Name:	Former Lil Cricket # 339/2170E	**Collection Date:**	5/5/2011 2:05:00 PM
Lab ID:	1105703-007	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Benzene	BRL	1.0		ug/L	146329	1	05/13/2011 06:47	JT
Toluene	BRL	1.0		ug/L	146329	1	05/13/2011 06:47	JT
Ethylbenzene	BRL	1.0		ug/L	146329	1	05/13/2011 06:47	JT
Xylenes, Total	BRL	3.0		ug/L	146329	1	05/13/2011 06:47	JT
Naphthalene	BRL	5.0		ug/L	146329	1	05/13/2011 06:47	JT
Methyl tert-butyl ether	8.0	1.0		ug/L	146329	1	05/13/2011 06:47	JT
Surr: 4-Bromofluorobenzene	88.7	64.7-130		%REC	146329	1	05/13/2011 06:47	JT
Surr: Dibromofluoromethane	90.8	80.7-129		%REC	146329	1	05/13/2011 06:47	JT
Surr: Toluene-d8	75.7	71.1-120		%REC	146329	1	05/13/2011 06:47	JT

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 18-May-11

Client:	Terry Environmental	**Client Sample ID:**	SW-2
Project Name:	Former Lil Cricket # 339/2170E	**Collection Date:**	5/5/2011 2:00:00 PM
Lab ID:	1105703-008	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	146329	1	05/13/2011 07:17	JT
Toluene	BRL	1.0		ug/L	146329	1	05/13/2011 07:17	JT
Ethylbenzene	BRL	1.0		ug/L	146329	1	05/13/2011 07:17	JT
Xylenes, Total	BRL	3.0		ug/L	146329	1	05/13/2011 07:17	JT
Naphthalene	BRL	5.0		ug/L	146329	1	05/13/2011 07:17	JT
Methyl tert-butyl ether	BRL	1.0		ug/L	146329	1	05/13/2011 07:17	JT
Surr: 4-Bromofluorobenzene	84.3	64.7-130		%REC	146329	1	05/13/2011 07:17	JT
Surr: Dibromofluoromethane	98.1	80.7-129		%REC	146329	1	05/13/2011 07:17	JT
Surr: Toluene-d8	79.4	71.1-120		%REC	146329	1	05/13/2011 07:17	JT

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Access Work Order Number 1105703

Checklist completed by PT 5/10/11
Signature Date

Carrier name: FedEx ✓ UPS __ Courier __ Client __ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (4°C±2)* Yes ✓ No __

Cooler #1 4.9°C Cooler #2 3.8°C Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted __ Yes ✓ No __

Water - pH acceptable upon receipt? Yes ✓ No __ Not Applicable __

Adjusted? _____ Checked by PT

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

\L\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample_Cooler_Receipt_Checklist

Analytical Environmental Services, Inc

Date: 18-May-11

Client: Terry Environmental
Project Name: Former Lil Cricket # 339/2170E
Workorder: 1105703

ANALYTICAL QC SUMMARY REPORT

BatchID: 146202

Sample ID: **MB-146202** Client ID: Units: **ug/L** Prep Date: **05/10/2011** Run No: **196785**
SampleType: **MBLK** TestCode: **MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011** BatchID: **146202** Analysis Date: **05/11/2011** Seq No: **4107425**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dibromoethane	BRL	0.020	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	4.556	0	5	0	91.1	66.9	137	0	0	0	

Sample ID: **LCS-146202** Client ID: Units: **ug/L** Prep Date: **05/10/2011** Run No: **196785**
SampleType: **LCS** TestCode: **MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011** BatchID: **146202** Analysis Date: **05/11/2011** Seq No: **4107426**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dibromoethane	0.09000	0.020	0.1	0	90	60	140	0	0	0	
Surr: 4-Bromofluorobenzene	4.672	0	5	0	93.4	66.9	137	0	0	0	

Sample ID: **LCSD-146202** Client ID: Units: **ug/L** Prep Date: **05/10/2011** Run No: **196785**
SampleType: **LCSD** TestCode: **MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011** BatchID: **146202** Analysis Date: **05/11/2011** Seq No: **4107427**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dibromoethane	0.08800	0.020	0.1	0	88	60	140	0.09000	2.25	30	
Surr: 4-Bromofluorobenzene	4.522	0	5	0	90.4	66.9	137	4.672	0	0	

Sample ID: **1105456-007BMS** Client ID: Units: **ug/L** Prep Date: **05/10/2011** Run No: **196785**
SampleType: **MS** TestCode: **MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011** BatchID: **146202** Analysis Date: **05/11/2011** Seq No: **4107432**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dibromoethane	0.1105	0.020	0.1023	0	108	59.1	134	0	0	0	
Surr: 4-Bromofluorobenzene	4.504	0	5.117	0	88	66.9	137	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Analytical Environmental Services, Inc

Date: 18-May-11

Client: Terry Environmental
Project Name: Former Lil Cricket # 339/2170E
Workorder: 1105703

ANALYTICAL QC SUMMARY REPORT

BatchID: 146282

Sample ID: **MB-146282**	Client ID:			Units: **ug/L**		Prep Date: **05/12/2011**		Run No: **196989**	
SampleType: **MBLK**	TestCode: **Total Metals by ICP/MS**	**SW6020A**		BatchID: **146282**		Analysis Date: **05/13/2011**		Seq No: **4111754**	

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	BRL	1.00	0	0	0	0	0	0	0	0	

Sample ID: **LCS-146282**	Client ID:			Units: **ug/L**		Prep Date: **05/12/2011**		Run No: **196989**	
SampleType: **LCS**	TestCode: **Total Metals by ICP/MS**	**SW6020A**		BatchID: **146282**		Analysis Date: **05/13/2011**		Seq No: **4111753**	

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	105.5	1.00	100	0	106	80	120	0	0	0	

Sample ID: **1105703-001CMS**	Client ID: **MW-44**			Units: **ug/L**		Prep Date: **05/12/2011**		Run No: **196989**	
SampleType: **MS**	TestCode: **Total Metals by ICP/MS**	**SW6020A**		BatchID: **146282**		Analysis Date: **05/13/2011**		Seq No: **4111759**	

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	130.9	1.00	100	22.86	108	75	125	0	0	0	

Sample ID: **1105703-001CMSD**	Client ID: **MW-44**			Units: **ug/L**		Prep Date: **05/12/2011**		Run No: **196989**	
SampleType: **MSD**	TestCode: **Total Metals by ICP/MS**	**SW6020A**		BatchID: **146282**		Analysis Date: **05/13/2011**		Seq No: **4111760**	

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	133.9	1.00	100	22.86	111	75	125	130.9	2.27	20	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Terry Environmental
Project Name: Former Lil Cricket # 339/2170E
Workorder: 1105703

ANALYTICAL QC SUMMARY REPORT

BatchID: 146329

Sample ID: **MB-146329** Client ID: Units: **ug/L** Prep Date: **05/12/2011** Run No: **196955**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **146329** Analysis Date: **05/12/2011** Seq No: **4110874**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,2-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	5.0	0	0	0	0	0	0	0	0	
Naphthalene	BRL	5.0	0	0	0	0	0	0	0	0	
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	
Xylenes, Total	BRL	5.0	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	42.58	0	50	0	85.2	64.7	130	0	0	0	
Surr: Dibromofluoromethane	47.21	0	50	0	94.4	80.7	129	0	0	0	
Surr: Toluene-d8	39.54	0	50	0	79.1	71.1	120	0	0	0	

Sample ID: **MB-146329** Client ID: Units: **ug/L** Prep Date: **05/12/2011** Run No: **196955**
SampleType: **MBLK** TestCode: **Oxygenates (AES SOP OA-11010) SW8260B** BatchID: **146329** Analysis Date: **05/12/2011** Seq No: **4111636**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
3,3-Dimethyl-1-butanol	BRL	100	0	0	0	0	0	0	0	0	
Ethanol	BRL	100	0	0	0	0	0	0	0	0	
Ethyl tert-butyl ether	BRL	100	0	0	0	0	0	0	0	0	
Isopropyl ether	BRL	10	0	0	0	0	0	0	0	0	
tert-Amyl alcohol	BRL	100	0	0	0	0	0	0	0	0	
tert-Amyl methyl ether	BRL	10	0	0	0	0	0	0	0	0	
tert-Butyl Alcohol	BRL	100	0	0	0	0	0	0	0	0	
tert-Butyl formate	BRL	100	0	0	0	0	0	0	0	0	

Sample ID: **MB-146329** Client ID: Units: **ug/L** Prep Date: **05/12/2011** Run No: **196996**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **146329** Analysis Date: **05/13/2011** Seq No: **4112204**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Analytical Environmental Services, Inc

Date: 18-May-11

Client: Terry Environmental
Project Name: Former Lil Cricket # 339/2170E
Workorder: 1105703

ANALYTICAL QC SUMMARY REPORT

BatchID: 146329

Sample ID: **MB-146329** Client ID: Units: **ug/L** Prep Date: **05/12/2011** Run No: **196996**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **146329** Analysis Date: **05/13/2011** Seq No: **4112204**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: 4-Bromofluorobenzene	41.63	0	50	0	83.3	64.7	130	0	0	0	
Surr: Dibromofluoromethane	43.27	0	50	0	86.5	80.7	129	0	0	0	
Surr: Toluene-d8	37.93	0	50	0	75.9	71.1	120	0	0	0	

Sample ID: **LCS-146329** Client ID: Units: **ug/L** Prep Date: **05/12/2011** Run No: **196955**
SampleType: **LCS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **146329** Analysis Date: **05/12/2011** Seq No: **4110873**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	43.22	5.0	50	0	86.4	70	130	0	0	0	
Toluene	41.95	5.0	50	0	83.9	70	130	0	0	0	
Surr: 4-Bromofluorobenzene	50.36	0	50	0	101	64.7	130	0	0	0	
Surr: Dibromofluoromethane	41.41	0	50	0	82.8	80.7	129	0	0	0	
Surr: Toluene-d8	42.66	0	50	0	85.3	71.1	120	0	0	0	

Sample ID: **LCS-146329** Client ID: Units: **ug/L** Prep Date: **05/12/2011** Run No: **196955**
SampleType: **LCS** TestCode: **Oxygenates (AES SOP OA-11010) SW8260B** BatchID: **146329** Analysis Date: **05/12/2011** Seq No: **4111633**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
3,3-Dimethyl-1-butanol	2243	100	2000	0	112	70	130	0	0	0	
Ethanol	1448	100	2000	0	72.4	70	130	0	0	0	
Ethyl tert-butyl ether	414.1	100	400	0	104	70	130	0	0	0	
Isopropyl ether	414.0	10	400	0	104	70	130	0	0	0	
tert-Amyl alcohol	2411	100	2000	0	121	70	130	0	0	0	
tert-Amyl methyl ether	407.5	10	400	0	102	70	130	0	0	0	
tert-Butyl Alcohol	2087	100	2000	0	104	70	130	0	0	0	
tert-Butyl formate	1935	100	2000	0	96.8	70	130	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Analytical Environmental Services, Inc

Date: 18-May-11

Client: Terry Environmental
Project Name: Former Lil Cricket # 339/2170E
Workorder: 1105703

ANALYTICAL QC SUMMARY REPORT

BatchID: 146329

Sample ID: **1105703-005AMS** Client ID: **MW-48** Units: **ug/L** Prep Date: **05/12/2011** Run No: **196955**
SampleType: **MS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **146329** Analysis Date: **05/12/2011** Seq No: **4111538**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	40.49	5.0	50	0	81	62.2	143	0	0	0	
Toluene	39.28	5.0	50	0	78.6	57.8	149	0	0	0	
Surr: 4-Bromofluorobenzene	48.72	0	50	0	97.4	64.7	130	0	0	0	
Surr: Dibromofluoromethane	40.76	0	50	0	81.5	80.7	129	0	0	0	
Surr: Toluene-d8	41.44	0	50	0	82.9	71.1	120	0	0	0	

Sample ID: **1105703-005AMS** Client ID: **MW-48** Units: **ug/L** Prep Date: **05/12/2011** Run No: **196955**
SampleType: **MS** TestCode: **Oxygenates (AES SOP OA-11010) SW8260B** BatchID: **146329** Analysis Date: **05/12/2011** Seq No: **4111668**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
3,3-Dimethyl-1-butanol	2038	100	2000	0	102	44.9	165	0	0	0	
Ethanol	1351	100	2000	0	67.5	43.4	147	0	0	0	
Ethyl tert-butyl ether	396.9	100	400	0	99.2	64.1	150	0	0	0	
Isopropyl ether	366.0	10	400	0	91.5	59.6	152	0	0	0	
tert-Amyl alcohol	2253	100	2000	0	113	44.6	163	0	0	0	
tert-Amyl methyl ether	390.2	10	400	0	97.6	68.2	144	0	0	0	
tert-Butyl Alcohol	2751	100	2000	0	138	42.4	188	0	0	0	
tert-Butyl formate	BRL	100	2000	0	1.77	26.3	149	0	0	0	S

Sample ID: **1105703-005AMSD** Client ID: **MW-48** Units: **ug/L** Prep Date: **05/12/2011** Run No: **196955**
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **146329** Analysis Date: **05/12/2011** Seq No: **4111539**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	39.18	5.0	50	0	78.4	62.2	143	40.49	3.29	20	
Toluene	38.90	5.0	50	0	77.8	57.8	149	39.28	0.972	20	
Surr: 4-Bromofluorobenzene	49.87	0	50	0	99.7	64.7	130	48.72	0	0	
Surr: Dibromofluoromethane	40.86	0	50	0	81.7	80.7	129	40.76	0	0	
Surr: Toluene-d8	41.94	0	50	0	83.9	71.1	120	41.44	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Analytical Environmental Services, Inc

Date: 18-May-11

Client: Terry Environmental
Project Name: Former Lil Cricket # 339/2170E
Workorder: 1105703

ANALYTICAL QC SUMMARY REPORT

BatchID: 146329

Sample ID: **1105703-005AMSD**	Client ID: **MW-48**				Units: **ug/L**		Prep Date: **05/12/2011**		Run No: **196955**		
SampleType: **MSD**	TestCode: **Oxygenates (AES SOP OA-11010) SW8260B**				BatchID: **146329**		Analysis Date: **05/12/2011**		Seq No: **4111671**		
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
3,3-Dimethyl-1-butanol	2018	100	2000	0	101	44.9	165	2038	0.99	19.5	
Ethanol	1308	100	2000	0	65.4	43.4	147	1351	3.2	35.6	
Ethyl tert-butyl ether	383.5	100	400	0	95.9	64.1	150	396.9	3.42	17.2	
Isopropyl ether	349.0	10	400	0	87.2	59.6	152	366.0	4.77	17.6	
tert-Amyl alcohol	2221	100	2000	0	111	44.6	163	2253	1.44	22.2	
tert-Amyl methyl ether	382.8	10	400	0	95.7	68.2	144	390.2	1.93	16.6	
tert-Butyl Alcohol	2671	100	2000	0	134	42.4	188	2751	2.96	37.7	
tert-Butyl formate	BRL	100	2000	0	1.29	26.3	149	35.42	0	55.8	S

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

APPENDIX 10

Disposal Manifest(s)

MANIFEST

SERVICES
P.O.BOX 4098
SPARTANBURG, SC 29305
Emergency Phone Number: (864)583-2717

D-04010473

Page of

Job No. D-04010473

GENERATOR INFORMATION

Name: Li'l Cricket Conv.Stores		US EPA ID No.
Street Address: 800 W. N. 1st St Seneca SC	Mailing Address: P.O. Box 25 Summerville SC	Phone No. 843-873-8200 Contact Kelly

DESCRIPTION OF MATERIALS

	HM	USDOT Proper Shipping Name (Complete All Items for Hazardous Materials)	Hazard Class	UN/NA ID No.	Packing Group	Containers		Total Quantity	Unit Wt./Vol.
a.		Non Hazardous Solids NOS				Qty 1	type SD		900 LBS
b.		Non Hazardous Liquid NOS				1	SD		0.45 TON
c.									

ADDITIONAL INFORMATION		ERG No.	JBR Profile Codes	Facility Use
a.	Soil		TB-04110472-A	Approved for Disposal
b.	Water		TB-03110407	
c.				

GENERATORS CERTIFICATION

This is to certify that the above-described materials are properly classified, described, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. I further certify that none of the materials described above are a hazardous waste as defined by EPA 40 CFR Part 261 or any applicable state law, and unless specifically identified above, the materials contain less than 1,000 ppm total halogens and do not contain quantifiable levels (2 ppm) of PCBs as defined by EPA 40 CFR Parts 279 and 761.

Printed/Typed Name	Signature	Mo./Day/Yr.

TRANSPORTER INFORMATION

Transporter: JBR	*I hereby acknowledge receipt of the above-described materials for transport from the generator site listed above.*
Address: 210 Alice Street Spartanburg, SC 29303	Signature: Wendy Brown Shipment Date: 4/1/11
Transporter or EPA ID No.: SCR00004358 / Unit No.	*I hereby acknowledge that the above-described materials were received from the generator site and were transported to the facility listed below.*
Phone: 864-583-2717	Signature: Wendy Brown Delivery Date: 4/1/11

FACILITY INFORMATION

Facility: JBR Environmental Services	*I do hereby acknowledge receipt of the materials covered by this manifest except for any discrepancy noted below.*
Address: 210 Alice Street Spartanburg, SC 29303	Signature: Scott Eckert Receipt Date: 4-1-11
Facility or EPA ID No.: SCR00004358	Discrepancies / Routing Codes / Handling Methods: a. WM82192803
Phone: 864-583-2717	b.
Contact: Rex Russell	c.

White - Facility Retain ● Light Yellow - Return to Generator ● Pink - Transporter Retain ● Orange- Generator Retain

MATERIAL MANIFEST WT 19200

JBR ENVIRONMENTAL SERVICES
P.O.BOX 4098
SPARTANBURG, SC 29305

Emergency Phone Number: (864)583-2717

Manifest Document No. D-00020807
Page of
Job No. D-00020807

GENERATOR INFORMATION

Name: Lil Cricket Conv. Stores
US EPA ID No.

Street Address	Mailing Address	Phone No.
800 W. North First St. Seneca, SC	P.O. Box 25 Summerville SC 29484	843-873-8200
		Contact: Kelly Cone

DESCRIPTION OF MATERIALS

	HM	USDOT Proper Shipping Name (Complete All Items for Hazardous Materials)	Hazard Class	UN/NA ID No.	Packing Group	Containers Qty	Containers type	Total Quantity	Unit Wt./Vol.
a.		NON Hazardous Solid NOS						19200	1.48T
b.						4	DM	16240	
c.								2960 LBS	

ADDITIONAL INFORMATION		ERG No.	JBR Profile Code	Facility Use
a.	Soil		JB-0410224	Approved for D2508SAC
b.				
c.				

GENERATORS CERTIFICATION

This is to certify that the above – described materials are properly classified, described, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. I further certify that none of the materials described above are a hazardous waste as defined by EPA 40 CFR Part 261 or any applicable state law, and unless specifically identified above, the materials contain less than 1,000 ppm total halogens and do not contain quantifiable levels (2 ppm) of PCBs as defined by EPA 40 CFR Parts 279 and 761.

Printed/Typed Name	Signature	Mo./Day/Yr.

TRANSPORTER INFORMATION

Transporter: JBR
Address: 210 Alice Street, Spartanburg, SC 29303
Transporter or EPA ID No.: SCR00004358
Unit No.:
Phone: 864-583-2717

I hereby acknowledge receipt of the above-described materials for transport from the generator site listed above.

Signature: Kelly Brown Shipment Date: 6/2/11

I hereby acknowledge that the above-described materials were received from the generator site and were transported to the facility listed below.

Signature: Kelly Brown Delivery Date: 6/2/11

FACILITY INFORMATION

Facility: JBR Environmental Services
Address: 210 Alice Street, Spartanburg, SC 29303
Facility or EPA ID No.: SCR00004358
Phone: 864-583-2717
Contact: Rex Russell

I do hereby acknowledge receipt of the materials covered by this manifest except for any discrepancy noted below.

Signature: Matt Ell Receipt Date: 6-2-11

Discrepancies	Routing Codes	Handling Methods
a.	WM3219	
b.		
c.		

APPENDIX 11

Gauging Logs

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	May 25, 2011
Field Personnel	LO
General Weather	Sunny
Ambient Air Temperature	95°F

Quality Assurance

pH Meter	Oakton		Conductivity Meter	Oakton
Serial Number	73168		Serial Number	73168
Calibration Constant	4.01		Calibration Constant	447 µS
Calibration Constant	7.00		Calibration Constant	1413 µS
Calibration Constant	10.00		Calibration Constant	

Monitoring Well Information

Well ID	MW-9	
Testing Parameters	GAUGE ONLY	
Well Diameter	2	in
Screened Interval	45-55	ft
Total Well Depth	54.80	ft
Depth to Groundwater	37.33	ft
Length of Water Column	17.47	ft
1 Casing Volume (0.163)		gals
3 Casing Volumes (0.489)		gals
Total Volume Purged		gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!

54.80

Volume (gal)											
Time	1350										
pH (su)											
Spec Conductivity											
Water Temperature											
Turbidity (subjective)											
Dissolved Oxygen (mg/L)											

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

no product, confirmed w/ bailer, no sheen

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	May 25, 2011
Field Personnel	LO
General Weather	Sunny
Ambient Air Temperature	95°F

Quality Assurance

pH Meter	Oakton		*Conductivity Meter*	Oakton
Serial Number	73168		*Serial Number*	73168
Calibration Constant	4.01		*Calibration Constant*	447 µS
Calibration Constant	7.00		*Calibration Constant*	1413 µS
Calibration Constant	10.00		*Calibration Constant*	

Monitoring Well Information

Well ID	MW-10		
Testing Parameters	GAUGE ONLY		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	42-52	ft	
Total Well Depth	50.20	ft	
* *Depth to Groundwater*	40.97	ft	
Length of Water Column	9.23	ft	
1 Casing Volume (0.163)	\	gals	
3 Casing Volumes (0.489)		gals	50.20
Total Volume Purged	\	gals	

Volume (gal)											
Time	1355										
pH (su)	\										
Spec Conductivity			* Product from			40.94 - 40.97					
Water Temperature						(0.03')					
Turbidity (subjective)											
Dissolved Oxygen (mg/L)											

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

- product (yellow), confirmed w/ bailer, took Picture

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	May 25, 2011
Field Personnel	LO
General Weather	Sunny
Ambient Air Temperature	95°F

Quality Assurance

pH Meter	Oakton		Conductivity Meter	Oakton	
Serial Number	73168		Serial Number	73168	
Calibration Constant	4.01		Calibration Constant	447 µS	
Calibration Constant	7.00		Calibration Constant	1413 µS	
Calibration Constant	10.00		Calibration Constant		

Monitoring Well Information

Well ID	MW-19		
Testing Parameters	GAUGE ONLY		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	38-53	ft	
Total Well Depth	53.25	ft	
*Depth to Groundwater	37.28	ft	
Length of Water Column	15.97	ft	
1 Casing Volume (0.163)		gals	
3 Casing Volumes (0.489)		gals	53.25
Total Volume Purged		gals	

Volume (gal)												
Time	1410											
pH (su)												
Spec Conductivity												
Water Temperature												
Turbidity (subjective)												
Dissolved Oxygen (mg/L)												

* Product from 36.53 - 37.28 (0.75')

Well Condition Information

-overall well condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

-Product (Orange) not degraded looking, confirmed w/bailer, took picture

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170E
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	May 25, 2011
Field Personnel	LO
General Weather	Sunny
Ambient Air Temperature	95°F

Quality Assurance

pH Meter	Oakton		*Conductivity Meter*	Oakton	
Serial Number	73168		*Serial Number*	73168	
Calibration Constant	4.01		*Calibration Constant*	447 µS	
Calibration Constant	7.00		*Calibration Constant*	1413 µS	
Calibration Constant	10.00		*Calibration Constant*		

Monitoring Well Information

Well ID	MW-20		
Testing Parameters	GAUGE ONLY		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH AND WRITE BELOW!
Screened Interval	35-50	ft	
Total Well Depth	50.50	ft	50.50
* *Depth to Groundwater*	39.76	ft	
Length of Water Column	10.74	ft	
1 Casing Volume (0.163)	\	gals	
3 Casing Volumes (0.489)		gals	
Total Volume Purged	\	gals	

Volume (gal)											
Time	1420										
pH (su)	\										
Spec Conductivity	\	* Product from 39.74 - 39.76 (0.02')									
Water Temperature	\										
Turbidity (subjective)	\										
Dissolved Oxygen (mg/L)											

Well Condition Information

-overall well condition acceptable?	YES
-well cap acceptable?	|
-manhole and cover acceptable?	|
-well pad acceptable?	|
-area safe?	↓
-other comments	

Additional Comments

- Product (yellow) confirmed w/ bailer, took picture

APPENDIX 12

Assessment Plan

ASSESSMENT PLAN

SOUTH CAROLINA
Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Site ID # 07303 Facility Name Former Li'l Cricket #339

Site Maps

1. Attach a copy of the relevant portion of the USGS topographic map showing the site location.

2. Prepare a site base map. This map must be accurately scaled, but does not need to be surveyed. The map must include the following:

North	Legend with facility name and address, Site ID number, date, and a bar scale
Location of property lines	Streets or highways (indicate names and numbers)
Location of buildings	Identification of located buildings
Paved areas on or adjacent to site	Locations of all present and former ASTs and USTs
Previous soil sampling locations	Underground and above ground utilities on or adjacent to site
Previous monitoring well locations	Locations of any other potential receptor

Aquifer Characterization (Check one an provide explanation for choice)

Pump Test _____ Slug Tests _____

Small Volume Disposal Type and Method

Soil _____

Purge Water _____

Additional Comments _____

Three separate AFVR Events to remove free-phase petroleum hydrocarbons:

Event 1 (MW-19) / Event 2 (MW-10) / Event 3 (MW-20)

Conduct a gauging event on MW-10, MW-19, and MW-20 approximately 30 days after the third event.

ASSESSMENT PLAN

SOUTH CAROLINA
Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Site ID # 07303 County Oconee Facility Name Former Li'l Cricket #339
Facility Address 800 West North First Street, Seneca, SC
Responsible party Li'l Cricket Food Stores Address PO Box 4551, Spartanburg, SC
No. USTs 6 removed? Yes, Feb. 2000 & 2004 (date) replaced ? No (date)
Current use of facility/property Commercial property – vacant diner
Current property owner name Thomas H. Glenn
Current property owner address unknown

Field Screening Methodology
Specify the field screening methodology to be used. The use of field screening methods to optimize the number and location of permanent wells is required.

Permanent Monitoring wells (Estimate number and total completed depth)
# of shall wells _____ total depth _____
# of deep wells _____ total depth _____ (if necessary)
Comments, if warranted _____

Analyses BTEX, Naphthalene, MTBE
List the analytical parameters (e.g., BTEX MTBE) and estimated number.
Groundwater:

Implementation Schedule
Start up date Upon Approval Completion date 90 Days from Approval
Report submittal date 90 Days from Approval

ASSESSMENT COMPONENT INVOICE
SOUTH CAROLINA
Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
State Underground Petroleum Environmental Response Bank Account

Facility Name Former Li'l Cricket #339
UST Permit # 07303 Cost Agreement # Proposal

	ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
1	Plan*				
	A. Plan Preparation		X	$100.00	
	B. Tax Maps		X	$50.00	
2	Receptor Survey*		X	$500.00	
3	Comprehensive Survey		X	$1,000.00	
4	Mob/Demob				
	A. Equipment - 23x3	3	X	$575.00	$1,725.00
	B. Personnel - 10, 23x3	4	each	$290.00	$1,160.00
	C. Adverse Terrain Vehicle		X	$575.00	
5	Soil Borings (hand auger)*		feet X	$14.00	
6	Soil Borings(drilled) & Field Screening		feet X	$17.00	
7	Soil Leachability Model		each X	$200.00	
8	Abandonment*		feet X	$5.00	
9	Well Installation *				
	A. Water Table (hand auger)		feet X	$20.00	
	B. Water Table (drilled)		feet X	$38.00	
	C. Telescoping		feet X	$58.00	
	D. Rock Drilling		feet X	$58.00	
10	Groundwater Sample collection*				
	A. Groundwater		samples X	$55.00	
	B. Air Vapor		samples X	$90.00	
	C. Water Supply		samples X	$25.00	
	D. Groundwater No Purge		samples X	$35.00	
	E. Gauge Well Only	3	per well X	$20.00	$60.00
11	Analyses-Groundwater	(See Analytical Methodology for analyses)			
	A. BTEX + Napth. + MTBE		samples X	$100.00	
	BB. 1,2-DCA		samples X	$10.75	
	C. BTEX+naph.+MTBE Trimethylbenzene		samples X	$135.00	
	D. PAH's		samples X	$120.00	
	E. Lead		samples X	$20.00	
	F. EDB		samples X	$55.00	
	G. 8 RCRA Metals		samples X	$140.00	
	H. TPH (9070)		samples X	$55.00	
	I. pH		samples X	$10.00	
	J. BOD		samples X	$40.00	
	K. Nitrate		samples X	$20.00	
	L. Sulfate		samples X	$20.00	
	M. Ferrous Iron		samples X	$20.00	
	N. Methane		samples X	$110.00	
	O. Organic Lead		samples X	$100.00	
	P. 8 Oxygenates		samples X	$85.00	

Continued on second page

11	Analyses-Soils				
	Q. BTEX + Napth.		samples X	$100.00	
	R. PAH's		samples X	$120.00	
	S. 8 RCRA Metals		samples X	$150.00	
	T. TPH (9071)		samples X	$60.00	
	U. TPH (3550B/8015B)		samples X	$65.00	
	V. TPH (5030B/8015B)		samples X	$65.00	
	W. Grain size / hydrometer		samples X	$75.00	
	X. Total Organic Carbon		samples X	$35.00	
11	Analyses-Air				
	Y. BTEX + Naph.		samples X	$100.00	
	Z. Hydrocarbon Fuel Identification		samples X	$593.00	
12	Aquifer Characterization*				
	A. Pumping Test		hours X	$120.00	
	B. Slug Test		tests X	$150.00	
13	Free Product Recovery Rate Test*		tests X	$120.00	
14	Fate/Transport Modeling				
	A. Mathematical Model		each	$300.00	
	B. Computer Model		each	$500.00	
15	Risk Evaluation				
	A. Tier I Risk Evaluation		X	$300.00	
	B. Tier II Risk Evaluation		X	$500.00	
16	Subsequent Survey*		X	$260.00	
17	Disposal*				
	A. Wastewater				
	1. Purging/Sampling		drums X	$90.00	
	2. Pumping Test/EFR	3,000	gallons X	$0.60	$1,800.00
	B. Free Product		drums X	$110.00	
	C. Soil (Treatment/Disposal)		tons X	$50.00	
18	Miscellaneous (attach receipts)		X		
20	Tier I Assessment (Use DHEC 3665 form)				
21	IGWA (Use DHEC 3666 form)				
22	Corrective Action (Use DHEC 3687 form)				
23	EFR A. 8-hour Event*	3	each X	$3,000.00	$9,000.00
	B. Additional Hour		per hour X	$204.00	
	C. Off-gas treatment	24	per hour X	$35.00	$840.00
24	Granulated Activated Carbon (GAC)				
	filter system installation & service:				
	A. New GAC System Installation*		each X	$2,500.00	
	B. Refurbished GAC Sys. Install*		each X	$850.00	
	C. Filter replacement/removal*		each X	$450.00	
	D. GAC System removal, cleaning,				
	& refurbishment*		each X	$450.00	
	E. GAC System housing		each X	$450.00	
	F. In-line particulate filter		each X	$140.00	
	G. Additional piping & fittings		feet X	$4.00	
19	Report/Project Management & Coordination	$14,585.00	X	15%	$2,187.75
25	Total				$16,772.75

* The appropriate mobilization cost can be added to complete these tasks, as necessary.

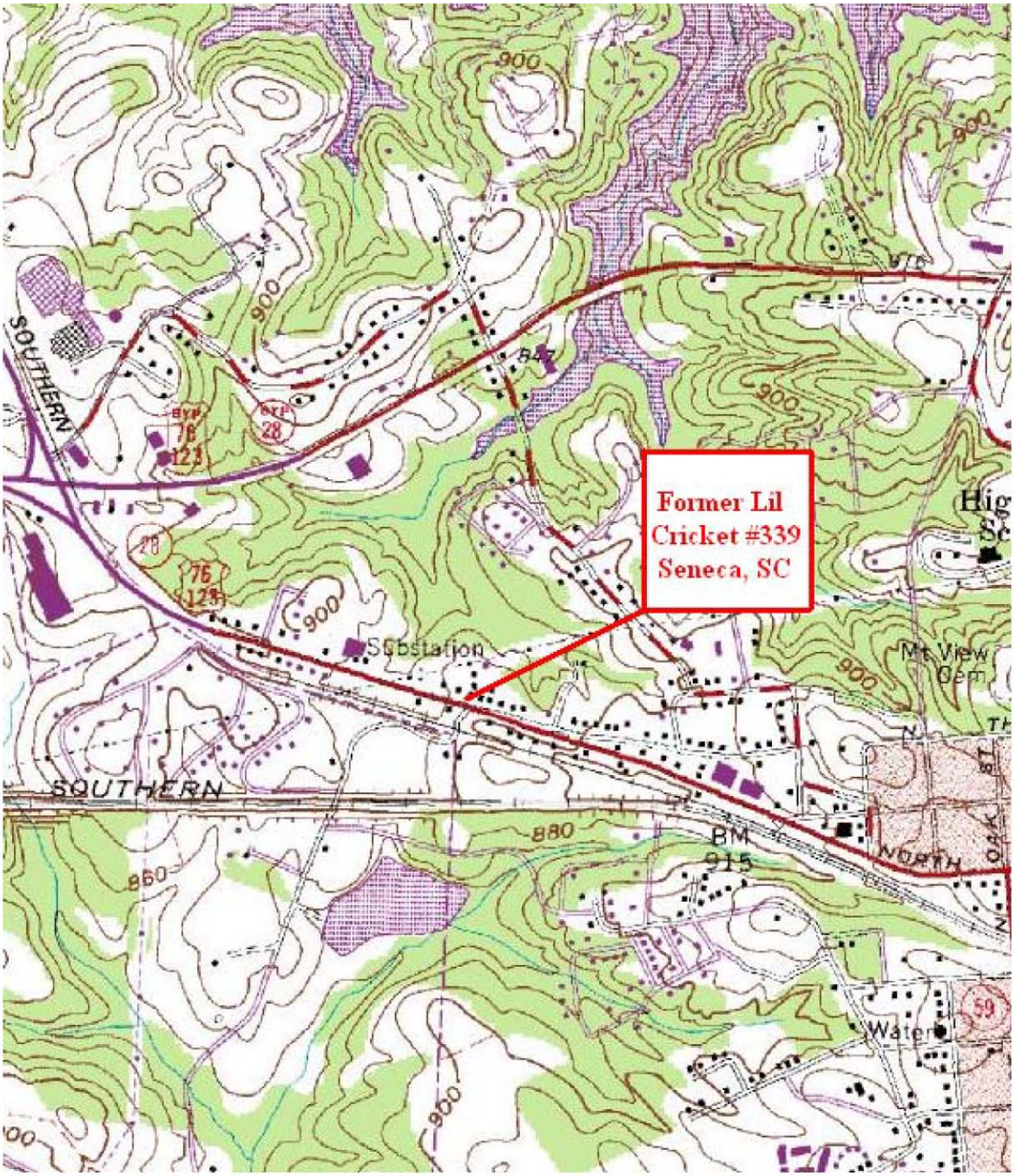


FIGURE 1
SITE LOCATION (USGS)

Former Li'l Cricket #339
800 West North First Street
Seneca, South Carolina

TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

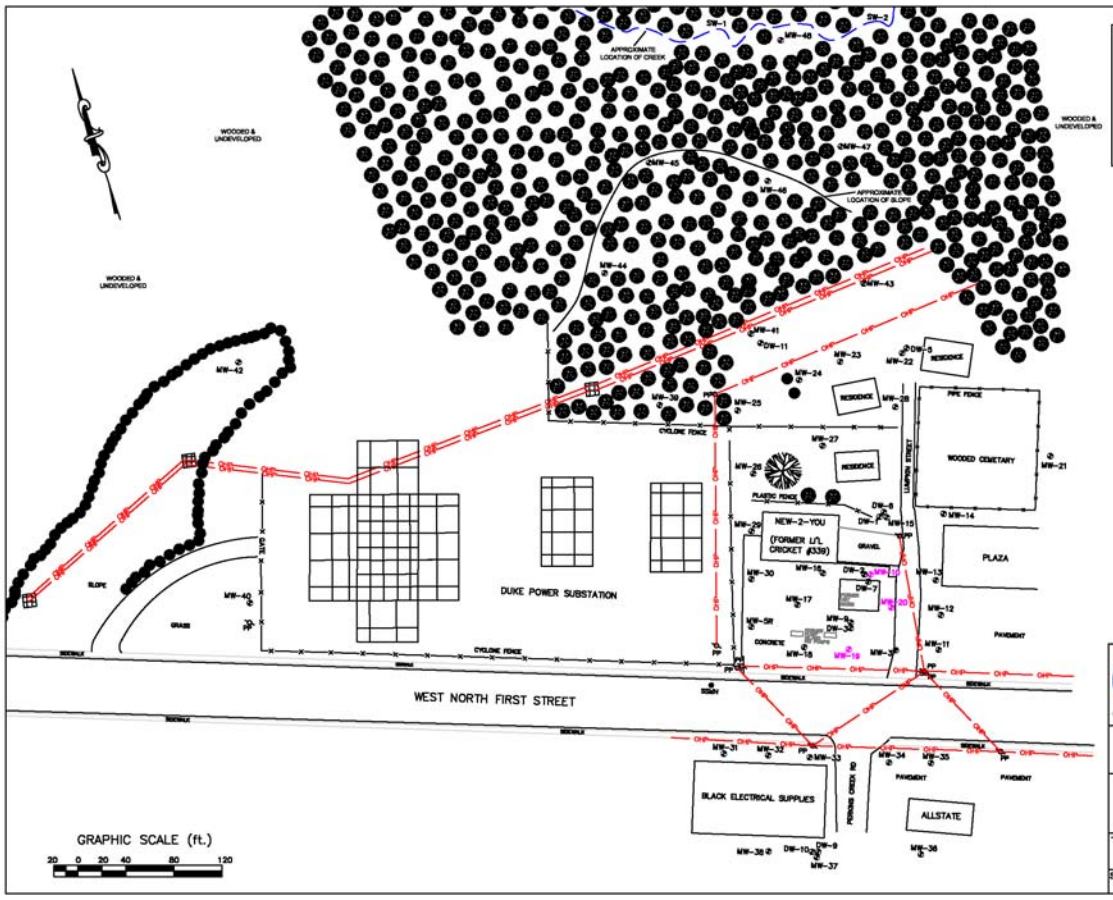
... providing our clients with the best services available, actually understanding our clients objectives, and making their obectives our own!

PO Box 25
Summerville, South Carolina 29484
(800) 325-0605 (843)-873-8200 fax: (843)-873-8765

SIZE	TERRY Project No.	DWG NO.	REV
B	2170E	Figure 1 Site Location	

SCALE: NOT TO SCALE

DATE: JUNE 2011



LEGEND AND ABBREVIATIONS:

- MW = MONITORING WELL
- SSMH = SANITARY SEWER MAN HOLE
- PP = POWER POLE
- UST = UNDERGROUND STORAGE TANK
- X = FENCE
- OHP = OVERHEAD POWER LINE
- = PROPOSED RECOVERY WELL

TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

FIGURE 2
PROPOSAL MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170E	07303
SCALE 1" = 80'	DATE JUNE 2011

D H E C
PROMOTE PROTECT PROSPER
Catherine B. Templeton, Director
Promoting and protecting the health of the public and the environment

SEP 1 3 2012

MR TERRY LENMAN
LIL CRICKET CONVENIENCE STORES INC
PO BOX 4551
SPARTANBURG SC 29305-4551

Re: Aggressive fluid and vapor recovery directive
Former Li'l Cricket #339, 800 North West First Street, Seneca, SC
UST Permit #07303; Cost Agreement (CA) #44525
Release reported April 27, 1989
Oconee County

Dear Mr. Lenman:

The Underground Storage Tank (UST) Management Division of the South Carolina Department of Health and Environmental Control (Agency) recognizes your commitment to continue work at this site using Terry Environmental Services, Inc. as your contractor. The next appropriate scope of work is to continue aggressive fluid and vapor recovery events (AFVR) to remove free-phase product. Please have your contractor conduct one event on monitoring/recovery wells MW-10 and MW-20 (manifolded together), and one event on MW-19. The events should be conducted in accordance with the Quality Assurance Program Plan (QAPP) for the UST Management Division. A copy of the QAPP is available at http://www.dhec.sc.gov/environment/lwm/html/ust.htm.

Cost Agreement #44525 has been approved in the amount shown on the enclosed cost agreement form for the AFVR events. AFVR activities may proceed immediately upon receipt of this letter, and must be performed by a South Carolina-Certified Underground Storage Tank Site Rehabilitation Contractor. All applicable South Carolina certification requirements apply to preparation of an AFVR report.

Terry Environmental may directly bill the State Underground Petroleum Environmental Response Bank (SUPERB) Account An invoice and AFVR report must be submitted to the UST Management Division within 60 days from the date of this letter. If the invoice is not submitted within 120 days from the date of this letter, monies allocated to pay for the invoice will be uncommitted. This means that the invoice will not be processed for payment until all other committed funds are paid or monies become available. Interim invoices for separate elements of the work scope may not be submitted.

Please note that Sections 44-2-110(4) and 44-2-130 of the SUPERB Statute state that no costs will be allowed unless prior approval from the Agency is obtained. If for any reason additional

tasks will be completed, these additional tasks and the associated cost must be pre-approved by the Agency for the cost to be paid. The Agency reserves the authority to pay only for work properly performed and/or technically justified and will only pay rates in accordance with established criteria. Further, the Agency reserves the right to question and/or reject costs if deemed unreasonable and the right to audit project records at any time during the project or after completion of work.

The UST Management Division grants pre-approval for transportation of free-phase product and petroleum-contaminated groundwater from the referenced facility to a permitted treatment facility for disposal. The transport and disposal must be conducted in accordance with the QAPP.

On all correspondence concerning this facility, please reference UST Permit #07303. If there are any questions, feel free to contact me by telephone at (803) 896-6398, by fax at (803) 896-6245, or by e-mail at padgetjp@dhec.sc.gov.

Sincerely,

Joel P. Padgett, P.G., Geologist/Hydrologist
Corrective Action Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

JPP/jpp
07303.1

enc: Approved cost agreement form

cc: Terry Environmental Services, Inc., P.O. Box 25, Summerville, SC 29484 (w/enc)
Technical file (w/enc)

Approved Cost Agreement 44525

Facility: 07303 LIL CRICKET 339

PADGETJP

PO Number:

Task / Description	Categories	Item	Description	Qty / Pct	Unit Price	Amount
04 MOB/DEMOB						
		A	EQUIPMENT	2.0000	575.00	1,150.00
		B	PERSONNEL	2.0000	290.00	580.00
17 DISPOSAL						
		A	WASTEWATER	2,000.0000	0.80	1,600.00
19 RPT/PROJECT MNGT & COORDINATIO						
		PCT	PERCENT	0.1500	9,890.00	1,483.50
23 EFR						
		A	8 HOUR EVENT	2.0000	3,000.00	6,000.00
		C	OFF GAS TREATMENT	16.0000	35.00	560.00
				Total Amount		11,373.50

D H E C

PROMOTE PROTECT PROSPER

Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

MAR 0 1 2013

CERTIFIED MAIL
91 7108 2133 3939 6183 7239

MR GORDON ZUBER
LIL CRICKET CONVENIENCE STORES INC
2271 S PINE ST
SPARTANBURG SC 29302-4339

Re: **Notice of Alleged Violation**
Former Li'l Cricket #339, 800 North West First Street, Seneca, SC
UST Permit #07303; Cost Agreement (CA) #44525
Release reported April 27, 1989
Correspondence from the UST Management Division dated September 13, 2012
Oconee County

Dear Mr. Zuber:

In correspondence dated September 13, 2012, the Underground Storage Tank (UST) Management Division directed Li'l Cricket Convenience Stores to conduct two aggressive fluid and vapor recovery (AFVR) events at the referenced facility and submit an AFVR report on or before November 13, 2012. To date, the report has not been received. In accordance with Section 280.65 of the South Carolina Underground Storage Tank Regulations, remediation of the release must continue as ground-water concentrations of chemicals of concern (CoC) exceed risk based screening levels.

Please have your contractor submit the report within 30 days of the date of this correspondence. Should you fail to submit the report by this date, the Division may initiate enforcement action.

On all correspondence regarding this site, please reference UST Permit #07303. If you have any questions concerning this correspondence, please contact me by telephone at (803) 896-6398, by fax at (803) 896-6245, or by e-mail at padgetjp@dhec.sc.gov.

Sincerely,

Joel P. Padgett, P.G., Geologist/Hydrologist
Corrective Action Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

JPP/jpp
07303.2
enc: Correspondence dated September 13, 2012
cc: Terry Environmental Services, Inc., P.O. Box 25, Summerville, SC 29484 (w/enc)

DHC/UST/JPP/030113

D H E C
PROMOTE PROTECT PROSPER
Catherine B. Templeton, Director
Promoting and protecting the health of the public and the environment

SEP 1 3 2012

MR TERRY LENMAN
LIL CRICKET CONVENIENCE STORES INC
PO BOX 4551
SPARTANBURG SC 29305-4551

Re: Aggressive fluid and vapor recovery directive
Former Li'l Cricket #339, 800 North West First Street, Seneca, SC
UST Permit #07303; Cost Agreement (CA) #44525
Release reported April 27, 1989
Oconee County

Dear Mr. Lenman:

The Underground Storage Tank (UST) Management Division of the South Carolina Department of Health and Environmental Control (Agency) recognizes your commitment to continue work at this site using Terry Environmental Services, Inc. as your contractor. The next appropriate scope of work is to continue aggressive fluid and vapor recovery events (AFVR) to remove free-phase product. Please have your contractor conduct one event on monitoring/recovery wells MW-10 and MW-20 (manifolded together), and one event on MW-19. The events should be conducted in accordance with the Quality Assurance Program Plan (QAPP) for the UST Management Division. A copy of the QAPP is available at http://www.dhec.sc.gov/environment/lwm/html/ust.htm.

Cost Agreement #44525 has been approved in the amount shown on the enclosed cost agreement form for the AFVR events. AFVR activities may proceed immediately upon receipt of this letter, and must be performed by a South Carolina-Certified Underground Storage Tank Site Rehabilitation Contractor. All applicable South Carolina certification requirements apply to preparation of an AFVR report.

Terry Environmental may directly bill the State Underground Petroleum Environmental Response Bank (SUPERB) Account An invoice and AFVR report must be submitted to the UST Management Division within 60 days from the date of this letter. If the invoice is not submitted within 120 days from the date of this letter, monies allocated to pay for the invoice will be uncommitted. This means that the invoice will not be processed for payment until all other committed funds are paid or monies become available. Interim invoices for separate elements of the work scope may not be submitted.

Please note that Sections 44-2-110(4) and 44-2-130 of the SUPERB Statute state that no costs will be allowed unless prior approval from the Agency is obtained. If for any reason additional

tasks will be completed, these additional tasks and the associated cost must be pre-approved by the Agency for the cost to be paid. The Agency reserves the authority to pay only for work properly performed and/or technically justified and will only pay rates in accordance with established criteria. Further, the Agency reserves the right to question and/or reject costs if deemed unreasonable and the right to audit project records at any time during the project or after completion of work.

The UST Management Division grants pre-approval for transportation of free-phase product and petroleum-contaminated groundwater from the referenced facility to a permitted treatment facility for disposal. The transport and disposal must be conducted in accordance with the QAPP.

On all correspondence concerning this facility, please reference UST Permit #07303. If there are any questions, feel free to contact me by telephone at (803) 896-6398, by fax at (803) 896-6245, or by e-mail at padgetjp@dhec.sc.gov.

Sincerely,

Joel P. Padgett, P.G., Geologist/Hydrologist
Corrective Action Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

JPP/jpp
07303.1

enc: Approved cost agreement form

cc: Terry Environmental Services, Inc., P.O. Box 25, Summerville, SC 29484 (w/enc)
Technical file (w/enc)

AGGRESSIVE FLUID VAPOR RECOVERY (AFVR) EVENTS REPORT
FORMER LI'L CRICKET #339
800 WEST NORTH FIRST STREET
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
CA #44525

Prepared For:

SCDHEC UNDERGROUND STORAGE TANK PROGRAM
2600 BULL ST.
COLUMBIA, SC 29201

Submitted By:

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. BOX 25
SUMMERVILLE, SOUTH CAROLINA 29484
(843) 873-8200
Fax (843) 873-8765
www.terryenvironmental.com

UST CONTRACTOR #UCC-0223
TERRY PROJECT #2170F

KELLY K. CONE, PG
Vice President, Assessment Services

JASON A. TERRY, PG
President

KELLY K. CONE REGISTERED No. 2509 SOUTH CAROLINA PROFESSIONAL GEOLOGIST

MARCH 2013

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A. INTRODUCTION

1. UST Facility and Owner/Operator Information

Facility Name (Permit #) :	Former Li'l Cricket #339 (07303)
Facility Address:	800 West North First Street, Seneca, South Carolina 29678
Facility Telephone:	n/a – Not Operating
Owner/ Operator Name:	Li'l Cricket Convenience Stores (Mr. Gordon Zuber)
Owner/ Operator Address:	PO Box 4551, Spartanburg, South Carolina 29305
Owner/ Operator Telephone:	864-582-9699

2. Property Owner Information

Name:	Thomas & Dorothy Glenn
Address:	800 West North First Street, Seneca, South Carolina 29678
Telephone:	864-710-8747

3. Contractor Information

Name:	Terry Environmental Services, Inc.
Address:	P.O. Box 25, Summerville, South Carolina 29484
Telephone:	843-873-8200
Certification:	UCC-0223

4. Well Driller Information

Not Applicable

5. Laboratory Information

Not Applicable

6. Site History

Date Release Reported to SCDHEC:	April 27, 1989
Estimated Quantity of Product Released:	Unknown
Cause of Release:	Unknown
Current use of Facility:	Commercial property (Consignment store)

UST #	Product	Date Installed	Currently In Use (Yes or No)	If not in use, Date Removed
1 (4,000 gal)	Gasoline	Unknown	No	2/22/2000
2 (4,000 gal)	Gasoline	Unknown	No	2/22/2000
3 (4,000 gal)	Gasoline	Unknown	No	2/22/2000
4 (4,000 gal)	Kerosene	Unknown	No	2/22/2000

Other Releases at this site?	Yes	No	**XXXX**
If yes, Date Release Reported to SCDHEC	n/a		
Status of Release:	**n/a**		
No Further Action Date:	n/a		

7. Regional Geology and Hydrogeology

The Former Li'l Cricket #339 site is located in Seneca, SC which lies in the Western Piedmont Province of South Carolina approximately 20 miles to the southeast of the Brevard fault zone. The western piedmont is comprised of the Inner Piedmont block, the Smith River allochthon, and the Sauratwon Mountain window. The Inner Piedmont block encompasses the Inner Piedmont belt and the Chauga belt, and consists of a composite stack of thrust sheets containing a variety of gneisses, schists, amphibolites, sparse ultramafic bodies, and intrusive granitoids. (The Geology of the Carolinas, Horton & Zullo, 1991)

The Former Li'l Cricket #339 site is located in the Inner Piedmont Belt which consists of sillimanite-grade regional metamorphism that decreases in grade to the northwest towards Pickens. Generally, wells drilled to depths less than 250 feet in the rocks of the Inner Piedmont Belt of Pickens County yield one-half to 500 gallons per minute. The highest average yields were obtained from wells drilled in biotite granite gneiss and the lowest average yields were from wells drilled in hornblende gneiss. The average yield of all wells inventoried was 21 gallons per minute. (USGS/SCWRC Report 1: A Reconnaissance of the Water Resources of Pickens County, South Carolina, 1968)

B. RECEPTOR SURVEY & SITE DATA

1. Receptor Survey Results

A receptor survey was not conducted during this scope of work.

2. Current Site and Adjacent Land Use

Description of current site use (commercial, residential, rural, etc.):
Commercial; consignment store

Description of adjacent land use (commercial, residential, rural, etc):
Commercial, residential, and Duke Power substation

UST sites within a 1,000-foot radius:
Unknown

The site is located at 800 West North First Street in Seneca, South Carolina. The site is bordered to the north by residential property, to the east by commercial property, to the south by West North First Street, and to the west by a Duke Power substation. Further to the south across West North First Street are commercial properties. The general site location is shown on the Topographic Map provided in Section J as Figure 1. A detailed Site Base Map originating from a comprehensive survey completed by Jay S. Joshi (SC Registered Land Surveyor #14811) of Construction Support Services, Inc. on October 8, 2008 is provided in Appendix 1 as Figure 2.

3. Site-Specific Geology and Hydrogeology

Based on the Tier II Assessment reported in March 2009, the general soil profile onsite consists of mostly clayey silt and sandy silt. Partially weathered rock and/or bedrock were encountered at depths ranging from approximately 28 feet to 45 feet below ground surface (bgs). The shallow aquifer was generally encountered between 40 and 47 feet bgs. During this scope of work, depth to groundwater was measured between 38 and 46 feet below top of casing in the recovery and influence wells gauged prior to the start of each event.

C. SOIL ASSESSMENT/FIELD SCREENING INFORMATION & METHODOLOGY

Not Applicable. No soil or groundwater borings were installed during this scope of work.

D. MONITORING WELL INFORMATION

Not Applicable. No monitoring wells were installed during this scope of work.

E. GROUNDWATER DATA

Not Applicable. No groundwater samples were collected during this scope of work.

F. AFVR INFORMATION

1. Scope of Work

As directed by SCDHEC, two separate AFVR events were performed; on March 11, 2013 event one was conducted on monitoring/recovery wells MW-10 and MW-20, concurrently and on March 14, 2013 event two was conducted on monitoring/recovery well MW-19. TERRY Exploration Services, LLC performed both of the 8-hour Aggressive Fluid Vapor Recovery (AFVR) events under the supervision of TERRY Environmental Services, Inc.

2. AFVR Emissions Table

AFVR Emissions Table (Event 1) – Attached

AFVR Emissions Table (Event 2) – Attached

3. Vacuum Data Table

Vacuum Data Table (Event 1) – Attached

Vacuum Data Table (Event 2) – Attached

4. Volume of Water Recovered

350 gallons of fluid were recovered during the 8-hour event conducted on March 11, 2013. 100 gallons of fluid were recovered during the 8-hour event conducted on March 14, 2013. A total of 450 gallons of fluid were recovered during the two events.

5. Volume of Product Recovered

At the completion of both events no product was detected in the recovery tank. However, the AFVR process routinely emulsifies product which can take several hours to separate.

6. Mass of Petroleum Recovered as Vapor

4.16 pounds of volatile organic vapors (approximate equivalent of 0.67 gallons of gasoline) were recovered during the course of the 8-hour event conducted on March 11, 2013. 3.29 pounds of volatile organic vapors (approximate equivalent of 0.53 gallons of gasoline) were recovered during the course of the 8-hour event conducted on March 14, 2013. A total of 7.45 pounds of gasoline vapors (approximate equivalent of 1.20 gallons of gasoline) were recovered as emissions during the two events. Off-gas treatment was provided during the events as directed by the SCDHEC Project Manager.

SECTION F-2
AFVR EMISSIONS TABLE (EVENT 1)
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303

Date:	March 11, 2013			**Average Depth to Groundwater:**	38-46 ft
Site Name:	Former Li'l Cricket #339			**Describe Soil in Saturated Zone:**	Weathered Rock
SCDHEC Site ID #:	07303			**Vacuum Contractor:**	Terry Exploration Services, LLC
Well ID #:	**MW-10, MW-20**	**Blower Specification of the Vacuum Truck (CFM @ Hg):**		282 CFM @ 25" Hg	

DRY STANDARD CUBIC FEET PER MINUTE (DSCFM) CALCULATIONS (Qstd)										**EMISSION CALCULATION**							
		Vacuum	Velocity	Pipe Id	Temp.	Rel.Humid	$PPM_{measured}$	Elapsed time	Flow	PPM_d	PPM_c	K	C_{cm}	C_c	PMR_c	PMR_g	PMR_g
Date	Time	(in. Hg)	(ft/min)	(in)	(F)	(%)	(ppm)	(min)	(DSCFM)				(mg/dsm^3)	(lb/dscf)	(lb/hr)	(lb/hr)	(gal/hr)
3/11/2013	13:00	15.0	711	3	147.0	27.2	1,350	0	27.68	1479.78	5919.12	4	2953.41	1.844E-04	0.31	0.35	0.06
3/11/2013	13:30	15.0	774	3	152.5	28.0	1,396	30	29.86	1530.20	6120.81	4	3054.05	1.907E-04	0.34	0.40	0.06
3/11/2013	14:00	15.0	839	3	158.0	28.4	1,411	60	32.08	1546.64	6186.58	4	3086.86	1.927E-04	0.37	0.43	0.07
3/11/2013	14:30	15.0	815	3	158.0	26.1	1,510	90	31.17	1655.16	6620.65	4	3303.45	2.062E-04	0.39	0.45	0.07
3/11/2013	15:00	15.0	1,050	3	158.0	22.3	1,478	120	40.15	1620.09	6480.34	4	3233.44	2.019E-04	0.49	0.56	0.09
3/11/2013	15:30	15.0	1,134	3	158.0	20.6	1,506	150	43.37	1650.78	6603.11	4	3294.70	2.057E-04	0.54	0.62	0.10
3/11/2013	16:00	15.0	1,299	3	158.0	19.4	1,499	180	49.68	1643.10	6572.42	4	3279.38	2.047E-04	0.61	0.71	0.11
3/11/2013	16:30	15.0	1,576	3	158.0	17.9	1,541	210	60.27	1689.14	6756.57	4	3371.27	2.105E-04	0.76	0.88	0.14
3/11/2013	17:00	15.0	1,614	3	158.0	18.4	1,555	240	61.72	1704.49	6817.95	4	3401.89	2.124E-04	0.79	0.91	0.15
3/11/2013	17:30	20.0	738	3	158.0	26.8	1,506	270	28.22	1650.78	6603.11	4	3294.70	2.057E-04	0.35	0.40	0.06
3/11/2013	18:00	20.0	756	3	158.0	25.7	1,480	300	28.91	1622.28	6489.11	4	3237.82	2.021E-04	0.35	0.41	0.06
3/11/2013	18:30	20.0	814	3	158.0	24.9	1,525	330	31.13	1671.60	6686.41	4	3336.26	2.083E-04	0.39	0.45	0.07
3/11/2013	19:00	20.0	863	3	158.0	22.5	1,488	360	33.00	1631.05	6524.19	4	3255.32	2.032E-04	0.40	0.47	0.07
3/11/2013	19:30	20.0	842	3	158.0	21.0	1,501	390	32.20	1645.30	6581.19	4	3283.76	2.050E-04	0.40	0.46	0.07
3/11/2013	20:00	20.0	839	3	158.0	19.8	1,512	420	32.08	1657.35	6629.42	4	3307.82	2.065E-04	0.40	0.46	0.07
3/11/2013	20:30	20.0	851	3	158.0	23.6	1,533	450	32.54	1680.37	6721.49	4	3353.76	2.094E-04	0.41	0.47	0.08
3/11/2013	21:00	20.0	854	3	158.0	23.4	1,517	480	32.66	1662.83	6651.34	4	3318.76	2.072E-04	0.41	0.47	0.08
Average		17.4	963	3.0	157.0	23.3	1489		36.88	1631.82	6527.28	4	3256.86	2.033E-04	0.45	0.52	0.08
Bws =	0.088	Bwsw:	0.06														

Total Pounds of Carbon Recovered as Emissions: 3.60

Total Pounds of Gasoline Vapor Recovered as Emissions: 4.16

Total Gallons of Gasoline Recovered as Emissions: 0.67

(This Number Represents the Gallons Recovered via Vapors, Not Total Liquids)

SECTION F-2
AFVR EMISSIONS TABLE (EVENT 2)
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303

Date:	March 14, 2013			**Average Depth to Groundwater:**	39-41 ft
Site Name:	Former Li'l Cricket #339			**Describe Soil in Saturated Zone:**	Weathered Rock
SCDHEC Site ID #:	07303			**Vacuum Contractor:**	Terry Exploration Services, LLC
Well ID #:	**MW-19**	**Blower Specification of the Vacuum Truck (CFM @ Hg):**		282 CFM @ 25" Hg	

DRY STANDARD CUBIC FEET PER MINUTE (DSCFM) CALCULATIONS (Qstd)										**EMISSION CALCULATION**							
		Vacuum	Velocity	Pipe Id	Temp.	Rel.Humid	$PPM_{measured}$	Elapsed time	Flow	PPM_d	PPM_c	K	C_{cm}	C_c	PMR_c	PMR_g	PMR_g
Date	Time	(in. Hg)	(ft/min)	(in)	(F)	(%)	(ppm)	(min)	(DSCFM)				(mg/dsm^3)	(lb/dscf)	(lb/hr)	(lb/hr)	(gal/hr)
3/14/2013	11:45	20.0	570	3	132.1	38.6	1,851	0	22.75	2028.94	8115.77	4	4049.46	2.528E-04	0.35	0.40	0.06
3/14/2013	12:15	20.0	582	3	138.3	27.8	1,878	30	22.99	2058.54	8234.15	4	4108.53	2.565E-04	0.35	0.41	0.07
3/14/2013	12:45	20.0	605	3	139.8	27.1	1,926	60	23.84	2111.15	8444.61	4	4213.54	2.631E-04	0.38	0.44	0.07
3/14/2013	13:15	20.0	787	3	148.6	26.5	1,531	90	30.56	1678.18	6712.72	4	3349.39	2.091E-04	0.38	0.44	0.07
3/14/2013	13:45	20.0	853	3	156.4	24.7	1,377	120	32.70	1509.38	6037.50	4	3012.48	1.881E-04	0.37	0.43	0.07
3/14/2013	14:15	20.0	902	3	158.0	22.8	1,358	150	34.49	1488.55	5954.20	4	2970.91	1.855E-04	0.38	0.44	0.07
3/14/2013	14:45	20.0	856	3	158.0	18.9	1,298	180	32.73	1422.78	5691.13	4	2839.65	1.773E-04	0.35	0.40	0.06
3/14/2013	15:15	20.0	897	3	158.0	20.5	1,333	210	34.30	1461.15	5844.58	4	2916.22	1.821E-04	0.37	0.43	0.07
3/14/2013	15:45	20.0	853	3	158.0	21.3	1,281	240	32.62	1404.15	5616.59	4	2802.46	1.750E-04	0.34	0.40	0.06
3/14/2013	16:15	20.0	870	3	158.0	19.8	1,255	270	33.27	1375.65	5502.59	4	2745.58	1.714E-04	0.34	0.40	0.06
3/14/2013	16:45	20.0	864	3	158.0	20.2	1,263	300	33.04	1384.42	5537.67	4	2763.08	1.725E-04	0.34	0.40	0.06
3/14/2013	17:15	20.0	880	3	158.0	18.8	1,218	330	33.65	1335.09	5340.36	4	2664.63	1.664E-04	0.34	0.39	0.06
3/14/2013	17:45	20.0	877	3	158.0	17.7	1,149	360	33.54	1259.46	5037.83	4	2513.68	1.569E-04	0.32	0.37	0.06
3/14/2013	18:15	20.0	903	3	158.0	19.1	1,156	390	34.53	1267.13	5068.52	4	2529.00	1.579E-04	0.33	0.38	0.06
3/14/2013	18:45	20.0	964	3	158.0	20.4	1,112	420	36.86	1218.90	4875.60	4	2432.74	1.519E-04	0.34	0.39	0.06
3/14/2013	19:15	20.0	880	3	158.0	19.5	1,084	450	33.65	1188.21	4752.83	4	2371.48	1.481E-04	0.30	0.35	0.06
3/14/2013	19:45	20.0	890	3	158.0	19.8	1,092	480	34.03	1196.98	4787.91	4	2388.98	1.491E-04	0.30	0.35	0.06
Average		20.0	825	3.0	153.6	22.6	1362		31.79	1493.45	5973.80	4	2980.69	1.861E-04	0.35	0.41	0.07

Bws = 0.088 Bwsw: 0.06

Total Pounds of Carbon Recovered as Emissions: 2.84

Total Pounds of Gasoline Vapor Recovered as Emissions: 3.29

Total Gallons of Gasoline Recovered as Emissions: 0.53

(This Number Represents the Gallons Recovered via Vapors, Not Total Liquids)

AFVR Definitions and Equations

Qstd = (60 sec/min) (1- Bws) (velocity) (Pipe ID sq.ft.) [(528 oR / (Temp. + 460)] (Listed As Flow Above)

Bws = (B_{wsw} / 18 lb-mole H_2O) / [(1/28.84 lb-mole dry air) + B_{wsw} / 18 lb-mole H_2O)]

PPMd = (PPMw) / (1-Bws)

PPMc = (PPM) (K)

Cc = Ccm (62.43 E -9 lb-m^3/mg-ft^3)

PMRg = (PMRc) (Mg/Mcg)

Bgs = below top of casing

Bws = (B_{WSW} / 18 lb-mole H_2O) / [(1/28.84 lb-mole dry air) + B_{wsw} / 18 lb-mole H_2O)]

Qstd = (60 sec/min)(1-Bws)(V)(A)(Temp deg Rankin)

Bgs = below top of casing

Bws - water vapor % by volume

PPMmeasured = obtained directly from Photo Ionization Detector (PID)

Bwsw - pounds of water per pound of dry air, derived from the psychometric chart (temp Vs relative hum)

PPMw = PPM measured (wet Conc.)

K = # of carbons in calibration gas (isobutylene)

PPMc = PPMv, volumetric concentration of VOC emissions as carbon, dry basis, at STP

Ccm = mg/dsm^3, mass concentration of VOC emissions as carbon

Mc = 12.01 mg/mg-mole, molecular wt. of carbon

K_3 = 24.07 $dsm^3/10^6$ mg-mole, mass to volume conversion factor at stp

Cc = lb/dscf, mass concentration of VOC emissions as carbon, dry basis, at STP

PMRc = lb/hr, pollutant mass removal rate of VOC's as carbon

PMRg = lb/hr, pollutant mass removal rate of VOC's as gasoline

Mcg = 89 mg/mg-mole, weight of carbon in gasoline molecule

PPMd = "dry" concentration

Mg = 103 mg/mg-mole, molecular wt. of gasoline

Qstd - Flow at DSCFM

Ccm = PPMc (Mc/K_3)

PMRc = Cc (Qstd) (60 min/hr)

Reference:

North Carolina Department of Natural Resources, Division of Waste Management, Underground Storage Tank Section, Appendix B, Report Formats, April 2001.

SECTION F-3
VACUUM DATA TABLE (EVENT 1)
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
MARCH 11, 2013

Well #	MW-9	Well #	MW-13	Well #	MW-15
Elapsed Time	Vacuum (in H2O)	Elapsed Time	Vacuum (in H2O)	Elapsed Time	Vacuum (in H2O)
0	0.0	0	0.0	0	0.0
0.5	0.0	0.5	0.4	0.5	0.0
1	0.0	1	0.5	1	0.0
1.5	0.0	1.5	0.6	1.5	0.1
2	0.0	2	0.7	2	0.1
2.5	0.0	2.5	0.8	2.5	0.2
3	0.0	3	0.9	3	0.2
3.5	0.0	3.5	0.8	3.5	0.3
4	0.0	4	0.8	4	0.3
4.5	0.0	4.5	0.3	4.5	0.2
5	0.0	5	0.0	5	0.2
5.5	0.0	5.5	0.0	5.5	0.2
6	0.0	6	0.0	6	0.2
6.5	0.0	6.5	0.0	6.5	0.2
7	0.0	7	0.0	7	0.2
7.5	0.0	7.5	0.0	7.5	0.2
8	0.0	8	0.0	8	0.2

SECTION F-3
VACUUM DATA TABLE (EVENT 2)
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
MARCH 14, 2013

Well #	MW-3	Well #	MW-9	Well #	MW-18
Elapsed Time	Vacuum (in H2O)	Elapsed Time	Vacuum (in H2O)	Elapsed Time	Vacuum (in H2O)
0	0.0	0	0.0	0	0.0
0.5	0.0	0.5	0.0	0.5	0.0
1	0.0	1	0.0	1	0.0
1.5	0.0	1.5	0.0	1.5	0.0
2	0.0	2	0.0	2	0.0
2.5	0.0	2.5	0.0	2.5	0.0
3	0.0	3	0.0	3	0.0
3.5	0.0	3.5	0.0	3.5	0.0
4	0.0	4	0.0	4	0.0
4.5	0.0	4.5	0.0	4.5	0.0
5	0.0	5	0.0	5	0.0
5.5	0.0	5.5	0.0	5.5	0.0
6	0.0	6	0.0	6	0.0
6.5	0.0	6.5	0.0	6.5	0.0
7	0.0	7	0.0	7	0.0
7.5	0.0	7.5	0.0	7.5	0.0
8	0.0	8	0.0	8	0.0

7. Free Product Thickness Table

Free Product Thickness Table (Event 1) – Attached

Free Product Thickness Table (Event 2) – Attached

8. AFVR Event Map

Figure F-8 AFVR Map (Event 1) – Attached

Figure F-8 AFVR Map (Event 2) – Attached

9. Recovery Water Disposal

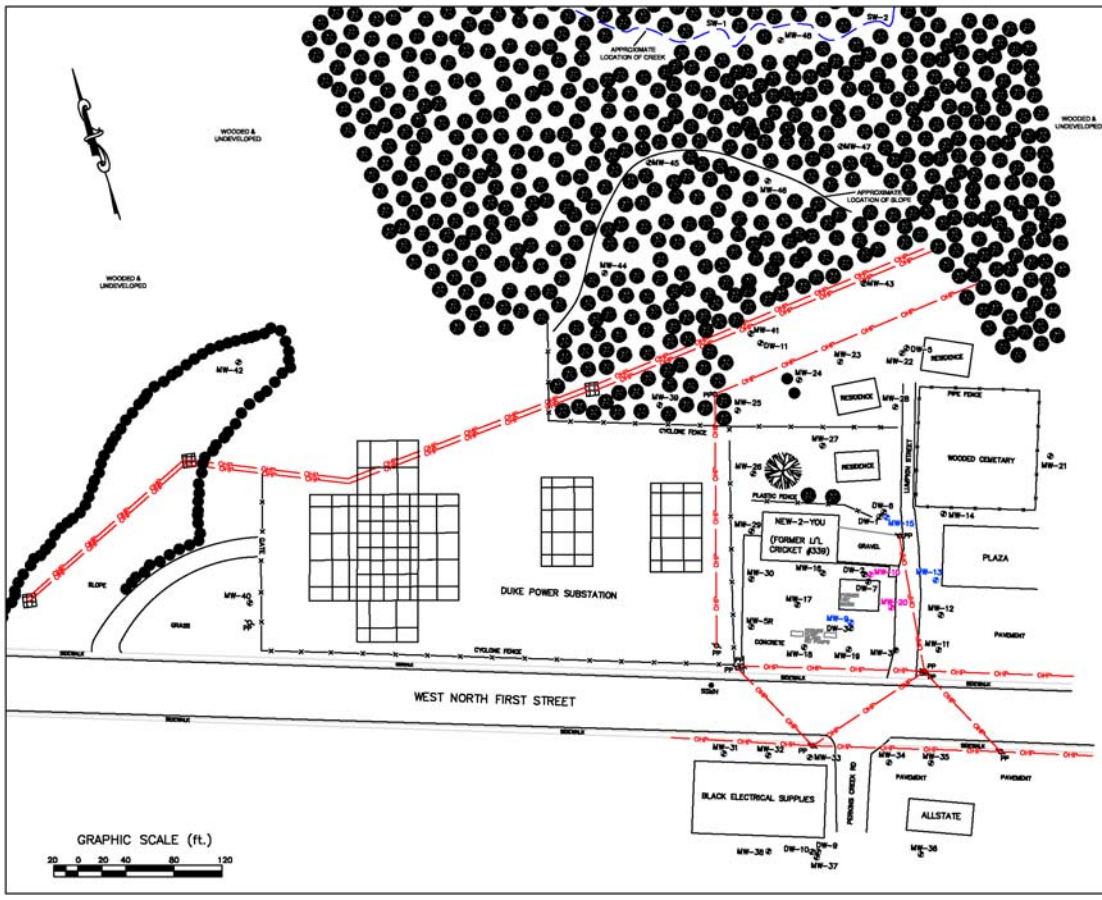
The disposal manifests for the recovery water generated during the March 11, 2013 and March 14, 2013 AFVR Events are included in Appendix G.

SECTION F-7
FREE PRODUCT THICKNESS TABLE (EVENT 1)
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
MARCH 11, 2013

Well #	--	Depth to Product	Depth to Water	Product Thickness
MW-9	Initial	n/a	38.63	n/a
	Final	n/a	39.27	n/a
MW-10	Initial	n/a	43.43	n/a
	Final	n/a	43.26	n/a
MW-13	Initial	n/a	45.02	n/a
	Final	n/a	45.06	n/a
MW-15	Initial	n/a	46.79	n/a
	Final	n/a	46.81	n/a
MW-20	Initial	n/a	42.66	n/a
	Final	n/a	42.17	n/a

SECTION F-7
FREE PRODUCT THICKNESS TABLE (EVENT 2)
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
MARCH 14, 2013

Well #	--	Depth to Product	Depth to Water	Product Thickness
MW-3	Initial	n/a	41.15	n/a
	Final	n/a	41.16	n/a
MW-9	Initial	n/a	39.30	n/a
	Final	n/a	40.62	n/a
MW-18	Initial	n/a	40.08	n/a
	Final	n/a	40.10	n/a
MW-19	Initial	39.39	40.37	0.98
	Final	n/a	40.75	n/a



TERRY ENVIRONMENTAL SERVICES
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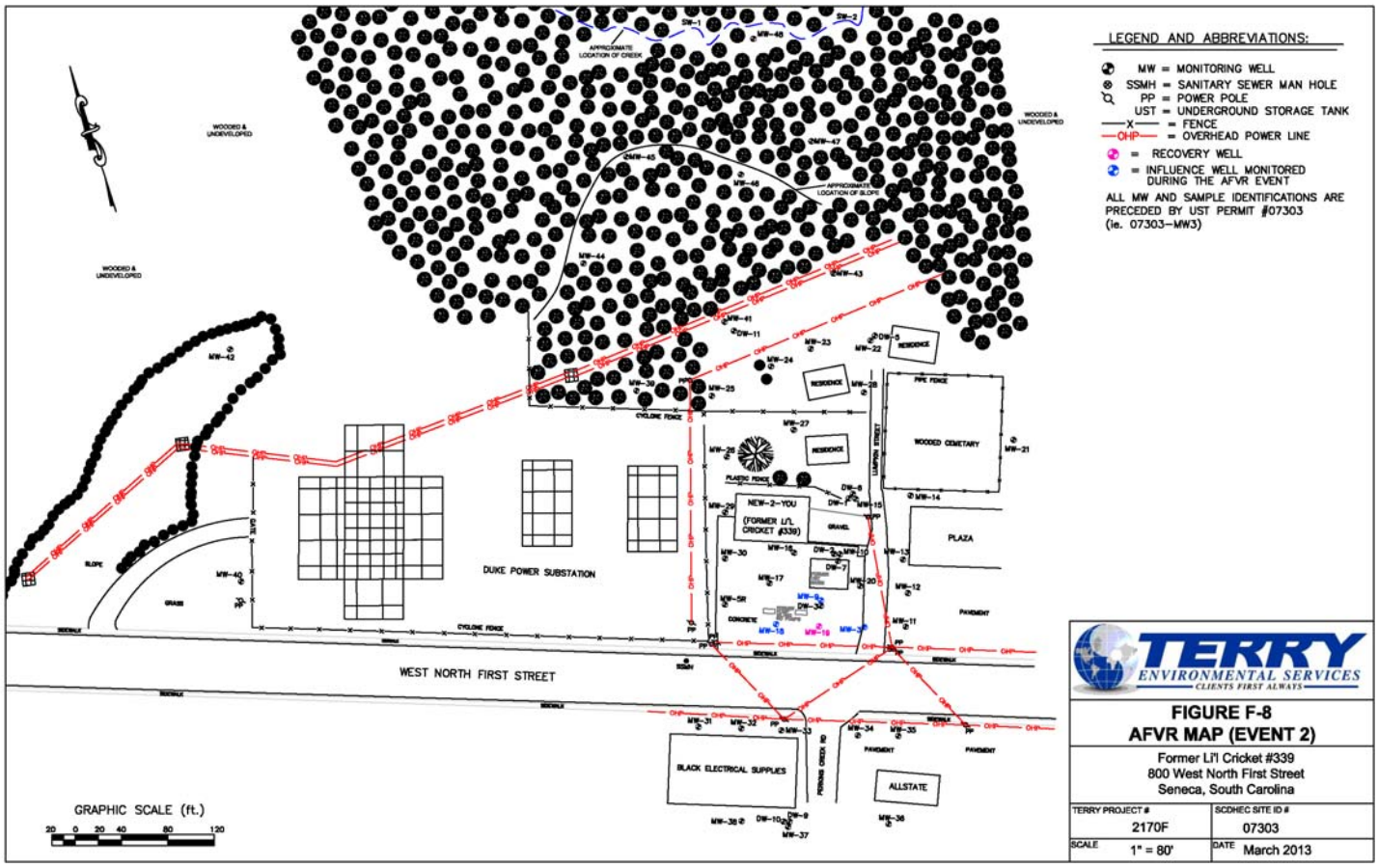
FIGURE F-8
AFVR MAP (EVENT 1)

Former Li'l Cricket #339
800 West North First Street
Seneca, South Carolina

TERRY PROJECT #	SCDHEC SITE ID #
2170F	07303
SCALE 1" = 80'	DATE March 2013



TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

FIGURE F-8
AFVR MAP (EVENT 2)

Former Li'l Cricket #339
800 West North First Street
Seneca, South Carolina

TERRY PROJECT #	SCDHEC SITE ID #
2170F	07303
SCALE 1" = 80'	DATE March 2013

G. GRANULATED ACTIVATED CARBON INSTALLATION

Not Applicable. No granulated activated carbon units were installed during this scope of work.

H. RESULTS & DISCUSSION

1. Assessment Results

During this scope of work, two separate AFVR events were performed at the subject site. Prior to and upon completion of the March 11, 2013 event, no free-phase product was measured. Prior to the March 14, 2013 event, free-phase product was measured in recovery well MW-19 (0.98 feet). Upon completion of the event, no free-phase product was measured. A total of 7.45 pounds of gasoline vapors (approximate equivalent of 1.20 gallons of gasoline) were recovered as emissions during the two events.

The AFVR events were successful at recovering contaminant mass and reducing free-phase product. As such, it is recommended to conduct two (2) additional AFVR Events on monitoring/recovery well MW-19 (Event 1) and on monitoring/recovery wells MW-10 and MW-20, concurrently (Event 2).

2. Aquifer Evaluation Results

Not Applicable

3. Fate & Transport Results

Not Applicable

4. Tier 1 Risk Evaluation

Not Applicable

5. Tier 2 Risk Evaluation

Not Applicable

I. TABLES

1. Soil Analytical Data

Table 1 Soil Analytical Data - Not Applicable

2. Potentiometric Data

Table 2 Potentiometric Data - Not Applicable

3. Laboratory Data

Table 3 Groundwater Laboratory Data - Not Applicable

4. Aquifer Characteristics

Table 4 Aquifer Characteristics - Not Applicable

5. Site Conceptual Model

Table 5 Site Conceptual Model - Not Applicable

J. FIGURES

1. Topographic Map

Figure 1 Topographic Map - Attached

2. Site Base Map

Figure 2 Site Base Map - Attached

3. CoC Site Maps

Figure 3 Soil CoC Map - Not Applicable

Figure 4 Groundwater CoC Map - Not Applicable

4. Site Potentiometric Maps

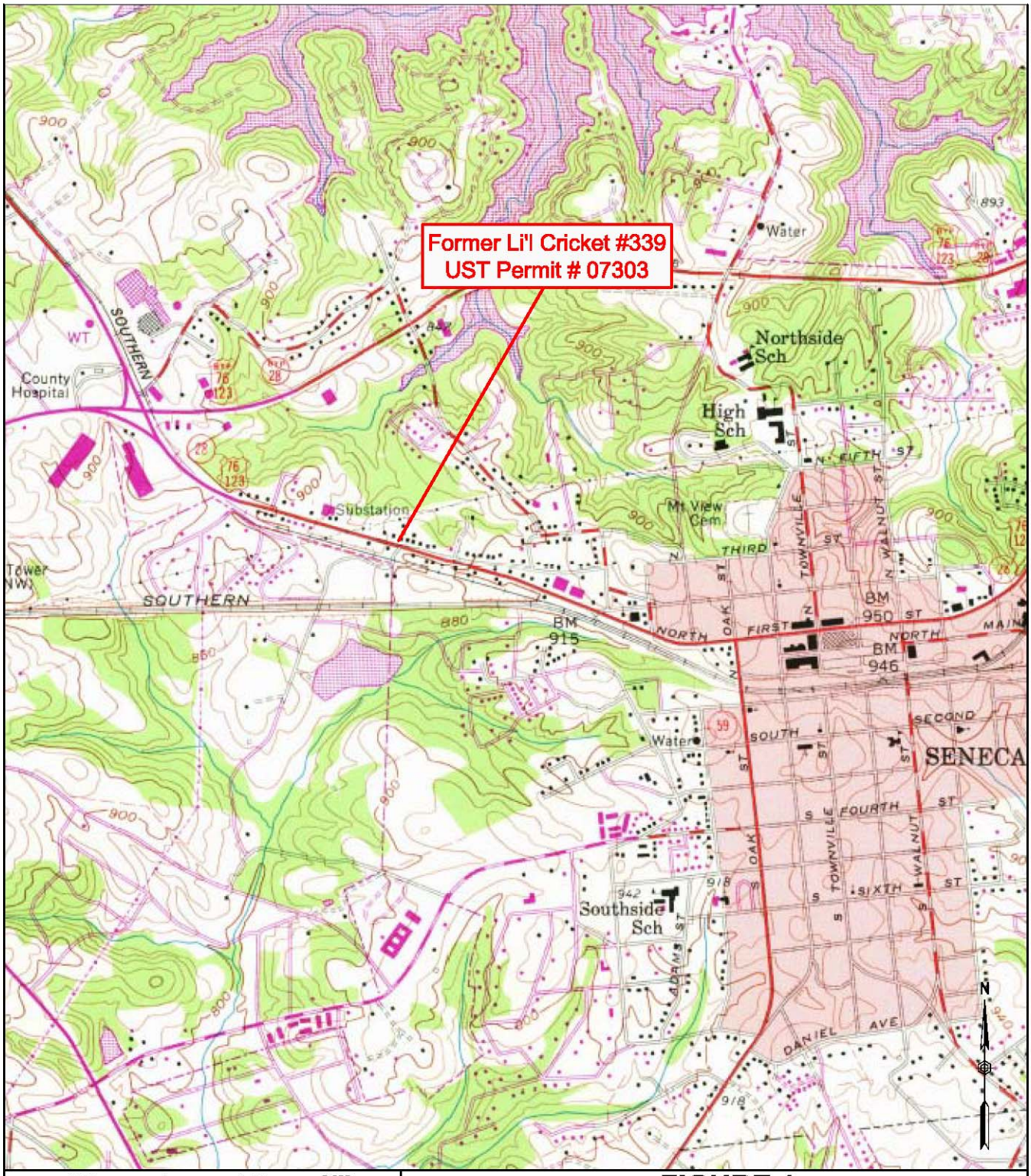
Figure 5 Site Potentiometric Map – Not Applicable

5. Geologic Cross Sections

Figure 6 Geologic Cross Sections - Not Applicable

6. Predicted Migration and Attenuation of CoCs

Figure 7 Predicted Migration and Attenuation of CoCs - Not Applicable



1,000 0 1,000 2,000
FEET

FIGURE 1
TOPOGRAPHIC MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, South Carolina

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... providing our clients with the best services available, actually understanding our clients objectives, and making their obectives our own!

PO Box 25
Summerville, South Carolina 29484
(800) 325-0605 (843)-873-8200 fax: (843)-873-8765

SIZE	TERRY Project No.	DWG NO.	REV
B	2170F	Figure 1 Topo Map	

SCALE: As Shown

DATE: March 2013

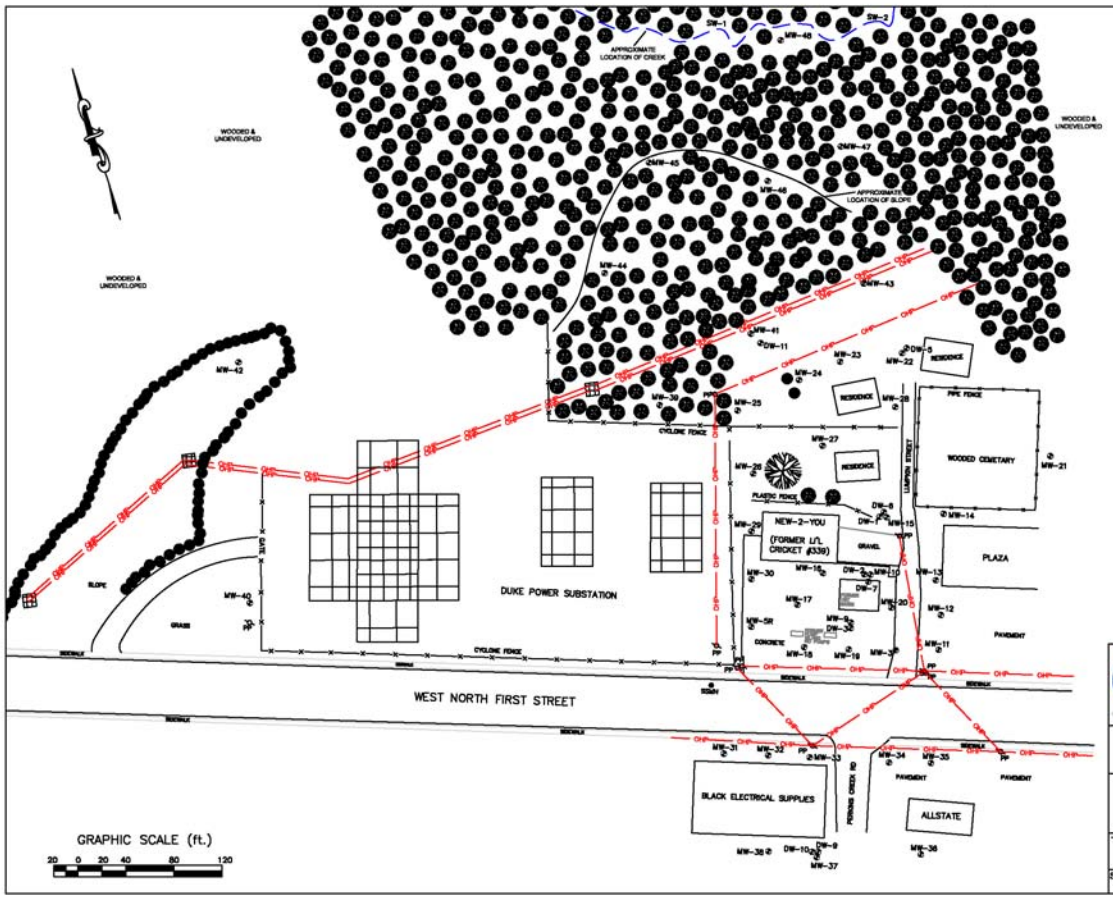

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FIGURE 2
SITE BASE MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, South Carolina

TERRY PROJECT #	SCDHEC SITE ID #
2170F	07303
SCALE 1" = 80'	DATE March 2013

K. APPENDICES

1. Appendix A: Site Survey

Not Applicable

2. Appendix B: Sampling Logs and Laboratory Data

Not Applicable

3. Appendix C: Tax Map

Not Applicable

4. Appendix D: Soil Boring/Field Screening Logs

Not Applicable

5. Appendix E: Well Completion Logs/SCDHEC 1903 Forms

Not Applicable

6. Appendix F: Aquifer Evaluation Forms

Not Applicable

7. Appendix G: Disposal Manifests

8. Appendix H: Local Zoning Regulations

Not Applicable

9. Appendix I: Fate and Transport Modeling Data

Not Applicable

10. Appendix J: Access Agreements

Not Applicable

11. Appendix K: Data Verification Checklist

APPENDIX A

Site Survey
(Not Applicable)

APPENDIX B

Sampling Logs and Laboratory Data
(Not Applicable)

APPENDIX C

Tax Map
(Not Applicable)

APPENDIX D

Soil Boring/Field Screening Logs
(Not Applicable)

APPENDIX E

Well Completion Logs/SCDHEC 1903 Forms
(Not Applicable)

APPENDIX F

Aquifer Evaluation Forms
(Not Applicable)

APPENDIX G

Disposal Manifests

US Water Recovery

Non-Hazardous Wastewater Manifest

Number:

1. Generator's EPA ID# (if applicable):

Waste ID Number:

2. Generator's Name and Mailing Address:
Fill Cricket #339
Seneca, SC

Phone ( )
P# 2170.F
PO #:
UST# 07303

3. Agent of Generator and Mailing Address:
Terry Environmental
Summerville, SC

Phone (843) 873 8200
PO #: 25

4. Transporter Company Name: N/A Same

Phone ( ) N/A Same

Truck & Trailer License Number:

5. Transporter U.S. EPA ID#:

6. Facility Name and Site Address:
U S Water Recovery
435 Old Mt. Holly Rd.
Mt. Holly, SC 29445
Phone: (843) 797-8674
Fax: (843) 797-2126

Mailing Address:
U S Water Recovery
210 S. Cedar Street
Summerville, SC 29483
Phone: (843) 797-3111
Fax: (843) 797-1884

7. Facility U.S. EPA ID#:

Start Level:	End Level:	Total Gallons:	Tank Number
0	350	350	

8. U.S. DOT Desciption	Container No.	Container Type	Unit	Quantity
a. Non-Hazardous, non-regulated waste water	1	Vac	Gal	350

9. Generator's Certification: I hereby declare that the contents of this consignment are not hazardous by definition or listing and are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina. I further certify that the contents of this consignment are as represented by the description contained on the Waste Profile Form previously submitted to and approved by the Designated Facility.

Printed/Typed Name: Jennings Herr as Agent | Signature: [signature] | Date: 3/12/13

10. Transporter Acknowledgement of Receipt of Materials

Printed/Typed Name: Jennings Herr as Agent | Signature: [signature] | Date: 3/12/13

11. Discrepancy Indication space:

12. Facility Owner or Operator Certification of Receipt of Materials

Printed/Typed Name: David Wall | Signature: [signature] | Date: 3-12-13

White - Facility Yellow - Office Pink - Transporter Blue - Generator

8063

US Water Recovery

Non-Hazardous Wastewater Manifest Number:

1. Generator's EPA ID# (if applicable): Waste ID Number:

2. Generator's Name and Mailing Address: Phone ( ) Pd 2170 F
F-11 Cricket #339
Seneca, SC
P O #: UST# 07303

3. Agent of Generator and Mailing Address: Phone (843) 873-8200
Terry Environmental
Summerville, SC
P O #: 25

4. Transporter Company Name: Same Phone ( ) Same

Truck & Trailer License Number:

5. Transporter U.S. EPA ID#:

6. Facility Name and Site Address: Phone: (843) 797-8674
U S Water Recovery
435 Old Mt. Holly Rd. Fax: (843) 797-2126
Mt. Holly, SC 29445

Mailing Address: Phone: (843) 797-3111
U S Water Recovery
210 S. Cedar Street Fax: (843) 797-1884
Summerville, SC 29483

7. Facility U.S. EPA ID#:

Start Level:	End Level:	Total Gallons:	Tank Number
0	100	100	

8. U.S. DOT Desciption	Container No.	Container Type	Unit	Quantity
a. Non-Hazardous, non-regulated waste water	1	Vac	Gal	100

9. Generator's Certification: I hereby declare that the contents of this consignment are not hazardous by definition or listing and are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina. I further certify that the contents of this consignment are as represented by the description contained on the Waste Profile Form previously submitted to and approved by the Designated Facility.

Printed/Typed Name: Terrance West On Agent Signature: Terrance West Date: 3/15/13

10. Transporter Acknowledgement of Receipt of Materials

Printed/Typed Name: Terrance West On Agent Signature: Terrance West Date: 3/15/13

11. Discrepancy indication space:

12. Facility Owner or Operator: Certification of Receipt of Materials

Printed/Typed Name: David Ward Signature: David Ward Date: 3-15-13

White - Facility Yellow - Office Pink - Transporter Blue - Generator

8064

APPENDIX H

Local Zoning Regulations
(Not Applicable)

APPENDIX I

Fate and Transport Modeling Data
(Not Applicable)

APPENDIX J

Access Agreements
(Not Applicable)

APPENDIX K

Data Verification Checklist

Contractor Checklist – Former Li'l Cricket #339

UST Permit #07303 - TERRY Project #2170F

Item #	Item	Yes	No	N/A
1	Is Facility Name, Permit #, and address provided?	X		
2	Is UST Owner/Operator name, address, & phone number provided?	X		
3	Is name, address, & phone number of current property owner provided?	X		
4	Is the DHEC Certified UST Site Rehabilitation Contractor's Name, Address, telephone number, and certification number provided?	X		
5	Is the name, address, telephone number, and certification number of the well driller that installed borings/monitoring wells provided?			X
6	Is the name, address, telephone number, and certification number of the certified laboratory(ies) performing analytical analyses provided?			X
7	Has the facility history been summarized?	X		
8	Has the regional geology and hydrogeology been described?	X		
9	Are the receptor survey results provided as required?			X
10	Has current use of the site and adjacent land been described?	X		
11	Has the site-specific geology and hydrogeology been described?	X		
12	Has the primary soil type been described?	X		Sect. B3
13	Have field screening results been described?			X
14	Has a description of the soil sample collection and preservation been detailed?			X
15	Has the field screening methodology and procedure been detailed?			X
16	Has the monitoring well installation and development dates been provided?			X
17	Has the method of well development been detailed?			X
18	Has justification been provided for the locations of the monitoring wells?			X
19	Have the monitoring wells been labeled in accordance with the UST QAPP guidelines?	X		
20	Has the groundwater sampling methodology been detailed?			X
21	Have the groundwater sampling dates and groundwater measurements been provided?			X
22	Has the purging methodology been detailed?			X
23	Has the volume of water purged from each well been provided along with measurements to verify that purging is complete?			X
24	If free-product is present, has the thickness been provided?	X		
25	Does the report include a brief discussion of the assessment done and the results?	X		
26	Does the report include a brief discussion of the aquifer evaluation and results?			X
27	Does the report include a brief discussion of the fate & transport models used?			X
28	Are the site-conceptual model tables included? (Tier 1 Risk Evaluation)			X
29	Have the exposure pathways been analyzed? (Tier 2 Risk Evaluation)			X
30	Have the SSTLs for each compound and pathway been calculated? (Tier 2 Risk Evaluation)			X
31	Have recommendations for further action been provided and explained?	X		
32	Has the soil analytical data for the site been provided in tabular format? (Table 1)			X
33	Has the potentiometric data for the site been provided in tabular format? (Table 2)			X
34	Has the current and historical laboratory data been provided in tabular format?			X

Item #	Item	Yes	No	N/A
35	Have the aquifer characteristics been provided and summarized on the appropriate form?			X
36	Have the Site conceptual model tables been included? (Tier 1 Risk Evaluation)			X
37	Has the topographic map been provided with all required elements? (Figure 1)	X		
38	Has the site base map been provided with all required elements? (Figure 2)	X		
39	Have the CoC site maps been provided? (Figure 3 & Figure 4)			X
40	Has the site potentiometric map been provided? (Figure 5)			X
41	Have the geologic cross-sections been provided? (Figure 6)			X
42	Have maps showing the predicted migration of the CoCs through time been provided? (Tier 2 Risk Evaluation)			X
43	Has the site survey been provided and include all necessary elements? (Appendix A)			X
44	Have the sampling logs, chain of custody forms, and the analytical data package been included with all required elements? (Appendix B)			X
45	Is the laboratory performing the analyses properly certified?			X
46	Has the tax map been included with all necessary elements? (Appendix C)			X
47	Have the soil boring/field screening logs been provided? (Appendix D)			X
48	Have the well completion logs and SCDHEC Form 1903 been provided? (Appendix E)			X
49	Have the aquifer evaluation forms, data, graphs, equations, etc. been provided? (Appendix F)			X
50	Have the disposal manifests been provided? (Appendix G)	X		
51	Has a copy of the local zoning regulations been provided? (Appendix H)			X
52	Has all fate and transport modeling been provided? (Appendix I)			X
53	Have copies of all access agreements obtained by the contractor been provided? (Appendix J)			X
54	Has a copy of this form been attached to the final report and are explanations for any missing or incomplete data been provided?	X		

Explanation for missing and incomplete information?

Not Applicable for the current directive.

D H E C

PROMOTE PROTECT PROSPER

Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

MAR 0 1 2013

UST 34feel DOCKETING

CERTIFIED MAIL
91 7108 2133 3939 6183 7239

MR GORDON ZUBER
LIL CRICKET CONVENIENCE STORES INC
2271 S PINE ST
SPARTANBURG SC 29302-4339

Re: **Notice of Alleged Violation**
Former Li'l Cricket #339, 800 North West First Street, Seneca, SC
UST Permit #07303; Cost Agreement (CA) #44525
Release reported April 27, 1989
Correspondence from the UST Management Division dated September 13, 2012
Oconee County

Dear Mr. Zuber:

In correspondence dated September 13, 2012, the Underground Storage Tank (UST) Management Division directed Li'l Cricket Convenience Stores to conduct two aggressive fluid and vapor recovery (AFVR) events at the referenced facility and submit an AFVR report on or before November 13, 2012. To date, the report has not been received. In accordance with Section 280.65 of the South Carolina Underground Storage Tank Regulations, remediation of the release must continue as ground-water concentrations of chemicals of concern (CoC) exceed risk based screening levels.

Please have your contractor submit the report within 30 days of the date of this correspondence. Should you fail to submit the report by this date, the Division may initiate enforcement action.

On all correspondence regarding this site, please reference UST Permit #07303. If you have any questions concerning this correspondence, please contact me by telephone at (803) 896-6398, by fax at (803) 896-6245, or by e-mail at padgetjp@dhec.sc.gov.

Sincerely,

Joel P. Padgett, P.G., Geologist/Hydrologist
Corrective Action Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

JPP/jpp
07303.2
enc: Correspondence dated September 13, 2012
cc: Terry Environmental Services, Inc., P.O. Box 25, Summerville, SC 29484 (w/enc)

DHC/UST/JPP/030113

D H E C
PROMOTE PROTECT PROSPER
Catherine B. Templeton, Director
Promoting and protecting the health of the public and the environment

SEP 1 3 2012

MR TERRY LENMAN
LIL CRICKET CONVENIENCE STORES INC
PO BOX 4551
SPARTANBURG SC 29305-4551

Re: Aggressive fluid and vapor recovery directive
Former Li'l Cricket #339, 800 North West First Street, Seneca, SC
UST Permit #07303; Cost Agreement (CA) #44525
Release reported April 27, 1989
Oconee County

Dear Mr. Lenman:

The Underground Storage Tank (UST) Management Division of the South Carolina Department of Health and Environmental Control (Agency) recognizes your commitment to continue work at this site using Terry Environmental Services, Inc. as your contractor. The next appropriate scope of work is to continue aggressive fluid and vapor recovery events (AFVR) to remove free-phase product. Please have your contractor conduct one event on monitoring/recovery wells MW-10 and MW-20 (manifolded together), and one event on MW-19. The events should be conducted in accordance with the Quality Assurance Program Plan (QAPP) for the UST Management Division. A copy of the QAPP is available at http://www.dhec.sc.gov/environment/lwm/html/ust.htm.

Cost Agreement #44525 has been approved in the amount shown on the enclosed cost agreement form for the AFVR events. AFVR activities may proceed immediately upon receipt of this letter, and must be performed by a South Carolina-Certified Underground Storage Tank Site Rehabilitation Contractor. All applicable South Carolina certification requirements apply to preparation of an AFVR report.

Terry Environmental may directly bill the State Underground Petroleum Environmental Response Bank (SUPERB) Account An invoice and AFVR report must be submitted to the UST Management Division within 60 days from the date of this letter. If the invoice is not submitted within 120 days from the date of this letter, monies allocated to pay for the invoice will be uncommitted. This means that the invoice will not be processed for payment until all other committed funds are paid or monies become available. Interim invoices for separate elements of the work scope may not be submitted.

Please note that Sections 44-2-110(4) and 44-2-130 of the SUPERB Statute state that no costs will be allowed unless prior approval from the Agency is obtained. If for any reason additional

tasks will be completed, these additional tasks and the associated cost must be pre-approved by the Agency for the cost to be paid. The Agency reserves the authority to pay only for work properly performed and/or technically justified and will only pay rates in accordance with established criteria. Further, the Agency reserves the right to question and/or reject costs if deemed unreasonable and the right to audit project records at any time during the project or after completion of work.

The UST Management Division grants pre-approval for transportation of free-phase product and petroleum-contaminated groundwater from the referenced facility to a permitted treatment facility for disposal. The transport and disposal must be conducted in accordance with the QAPP.

On all correspondence concerning this facility, please reference UST Permit #07303. If there are any questions, feel free to contact me by telephone at (803) 896-6398, by fax at (803) 896-6245, or by e-mail at padgetjp@dhec.sc.gov.

Sincerely,

Joel P. Padgett, P.G., Geologist/Hydrologist
Corrective Action Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

JPP/jpp
07303.1

enc: Approved cost agreement form

cc: Terry Environmental Services, Inc., P.O. Box 25, Summerville, SC 29484 (w/enc)
Technical file (w/enc)

CERTIFIED MAIL

D H E C

PROMOTE PROTECT PROSPER

BUREAU OF LAND AND WASTE MANAGEMENT
UST Management Division
2600 Bull Street
Columbia, SC 29201

Return Service Requested

UST
Joel
MAR 2 5 2013
PROGRAM

RETURN SERVICE REQUESTED

9171 7108 2133 3939 6183 7239

Notified
3.2.13

NIXIE 296 5E 1 00 03/23/13

RETURN TO SENDER
UNCLAIMED
UNABLE TO FORWARD

BC: 29201170800 *1554-08347-01-38

29024339

D H E C
PROMOTE PROTECT PROSPER
Catherine B. Templeton, Director
Promoting and protecting the health of the public and the environment

MR GORDON ZUBER
LIL CRICKET CONVENIENCE STORES INC
PO BOX 4551
SPARTANBURG SC 29305

AUG 0 4 2014

Re: Aggressive fluid and vapor recovery (AFVR) directive
Former Li'l Cricket #339, 800 North West First Street, Seneca, SC
UST Permit #07303; CA #47843
Release reported April 27, 1989
Oconee County

Dear Mr. Zuber:

The Underground Storage Tank (UST) Management Division of the South Carolina Department of Health and Environmental Control (Agency) recognizes your commitment to continue work at this site using Terry Environmental Services, Inc. The next appropriate remedial activity is to conduct one 48-hour AFVR event on monitoring well MW-10, one 48-hour event on MW-19, and one 48-hour event on MW-20. The events must be conducted in accordance with the UST Quality Assurance Program Plan (QAPP) Revision 2.0 and stipulations in this directive. **Your contractor should be aware that AFVR procedures have been updated in Revision 2.0**. A copy of QAPP Revision 2.0 is available at http://www.scdhec.gov/environment/docs/QAPP_Rev-2_April2013.pdf.

Please notify the UST Management Division prior to commencing AFVR at the site. The stinger must be advanced to a target depth of 45 feet in MW-10, 42 feet in MW-19, and 45 feet in MW-20. Please advance to the target depth within the first 8 hours of each event. Thereafter, the stinger should be adjusted to achieve the highest vapor recovery while maintaining dewatering of the smear zone. Off–gas treatment will be necessary.

Cost Agreement (CA) #47843 has been approved in the amount shown on the enclosed cost agreement form for the AFVR events. Please note that all applicable South Carolina certification requirements apply to report preparation. Further, all site rehabilitation activities must be performed and submitted by a South Carolina-Certified Underground Storage Tank Site Rehabilitation Contractor.

An AFVR report and invoice are due within 90 days from the date of this letter. **The report should document wastewater and free-phase product recovery separately for each 48-hour event**. Your contractor may directly bill the State Underground Petroleum Environmental Response Bank (SUPERB) Account. Interim invoices may not be submitted for this scope of work. If the invoice is not submitted within 120 days from the date of this letter, monies allocated to pay this invoice will be uncommitted. This means that the invoice will not be processed for payment until all other committed funds are paid or monies become available.

Sections 44-2-110(4) and 44-2-130 of the SUPERB Statute state that no costs will be allowed unless prior approval from the Agency is obtained. If for any reason additional tasks will be completed, these additional tasks and the associated cost must be pre-approved by the Agency for the cost to be paid. The Agency reserves the authority to pay only for work properly performed and/or technically justified and will only pay rates in accordance with established criteria. Further, the Agency reserves the right to question and/or reject costs if deemed unreasonable and the right to audit project records at any time during the project or after completion of work.

The UST Management Division grants pre-approval for transportation of petroleum-contaminated, investigative-derived waste (IDW) from the referenced site to a permitted treatment/disposal facility. The transport and disposal must be conducted in accordance with QAPP Revision 2.0.

On all correspondence concerning this facility, please reference UST Permit #07303. If there are any questions concerning this project, feel free to contact me by telephone at (803) 898-0655, by fax at (803) 898-0673, or by e-mail at padgetjp@dhec.sc.gov.

Sincerely,

Joel P. Padgett, P.G., Geologist/Hydrologist
Corrective Action Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

JPP/jpp
07303.afvr1

enc: Approved cost agreement form

cc: Terry Environmental Services, Inc., P.O. Box 25, Summerville, SC 29484 (w/enc)
Technical file (w/enc)

Approved Cost Agreement 47843

Facility: 07303 LIL CRICKET 339

PADGETJP

PO Number:

Task / Description	Categories	Item	Description	Qty / Pct	Unit Price	Amount
19 RPT/PROJECT MNGT & COORDINATIO						
		PRT	REPORT PREPARATION	0.1200	34,353.75	4,122.45
23 EFR						
		A3	48 HOUR EVENT	3.0000	6,265.00	18,795 00
		C3	OFF GAS TREATMENT 48 HOUR	3.0000	327 00	981.00
		D	SITE RECONNAISSANCE	1.0000	203 25	203 25
		F1	EFFLUENT DISPOSAL	30,000.0000	0.44	13,200 00
		G	AFVR EQUIPMENT MOB	3.0000	391 50	1,174.50
				Total Amount		38,476 20

Document Receipt Information

☐ Hard Copy ☒ CD ☐ Email

Date Received 9-23-14

Permit Number 07303

Project Manager Joel Padgett

Name of Contractor Terry Environmental Services

UST Certificate of Number

Docket Number 31 tech

Scanned

AFVR Events Report

AGGRESSIVE FLUID VAPOR RECOVERY (AFVR) EVENTS REPORT
FORMER LI'L CRICKET #339
800 WEST NORTH FIRST STREET
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
CA #47843

Prepared For:

SCDHEC UNDERGROUND STORAGE TANK PROGRAM
2600 BULL ST.
COLUMBIA, SC 29201

Submitted By:

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. BOX 25
SUMMERVILLE, SOUTH CAROLINA 29484
(843) 873-8200
Fax (843) 873-8765
www.terryenvironmental.com

UST CONTRACTOR #UCC-0223
TERRY PROJECT #2170G

KELLY K. CONE, PG
Vice President, Assessment Services

JASON A. TERRY, PG
President

KELLY K. CONE REGISTERED No. 2509 SOUTH CAROLINA PROFESSIONAL GEOLOGIST

SEPTEMBER 2014

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A. INTRODUCTION

1. UST Facility and Owner/Operator Information

Facility Name (Permit #) : Former Li'l Cricket #339 (07303)
Facility Address: 800 West North First Street, Seneca, South Carolina 29678
Facility Telephone: n/a – Not Operating

Owner/ Operator Name: Li'l Cricket Convenience Stores (Mr. Jim Zuber)
Owner/ Operator Address: 112 Bay Tree Court, Inman, SC 29349
Owner/ Operator Telephone: 864-582-9699

2. Property Owner Information

Name: Thomas & Dorothy Glenn
Address: 800 West North First Street, Seneca, South Carolina 29678
Telephone: 864-710-8747

3. Contractor Information

Name: Terry Environmental Services, Inc.
Address: P.O. Box 25, Summerville, South Carolina 29484
Telephone: 843-873-8200
Certification: UCC-0223

4. Well Driller Information

Not Applicable

5. Laboratory Information

Not Applicable

6. Site History

Date Release Reported to SCDHEC: April 27, 1989
Estimated Quantity of Product Released: Unknown
Cause of Release: Unknown
Current use of Facility: Commercial property (Consignment store)

UST #	Product	Date Installed	Currently In Use (Yes or No)	If not in use, Date Removed
1 (4,000 gal)	Gasoline	Unknown	No	2/22/2000
2 (4,000 gal)	Gasoline	Unknown	No	2/22/2000
3 (4,000 gal)	Gasoline	Unknown	No	2/22/2000
4 (4,000 gal)	Kerosene	Unknown	No	2/22/2000

Other Releases at this site? Yes _____ No **XXXX**
If yes, Date Release Reported to SCDHEC n/a
Status of Release: **n/a**
No Further Action Date: n/a

7. Regional Geology and Hydrogeology

The Former Li'l Cricket #339 site is located in Seneca, SC which lies in the Western Piedmont Province of South Carolina approximately 20 miles to the southeast of the Brevard fault zone. The western piedmont is comprised of the Inner Piedmont block, the Smith River allochthon, and the Sauratwon Mountain window. The Inner Piedmont block encompasses the Inner Piedmont belt and the Chauga belt, and consists of a composite stack of thrust sheets containing a variety of gneisses, schists, amphibolites, sparse ultramafic bodies, and intrusive granitoids. (The Geology of the Carolinas, Horton & Zullo, 1991)

The Former Li'l Cricket #339 site is located in the Inner Piedmont Belt which consists of sillimanite-grade regional metamorphism that decreases in grade to the northwest towards Pickens. Generally, wells drilled to depths less than 250 feet in the rocks of the Inner Piedmont Belt of Pickens County yield one-half to 500 gallons per minute. The highest average yields were obtained from wells drilled in biotite granite gneiss and the lowest average yields were from wells drilled in hornblende gneiss. The average yield of all wells inventoried was 21 gallons per minute. (USGS/SCWRC Report 1: A Reconnaissance of the Water Resources of Pickens County, South Carolina, 1968)

B. RECEPTOR SURVEY & SITE DATA

1. Receptor Survey Results

A receptor survey was not conducted during this scope of work.

2. Current Site and Adjacent Land Use

Description of current site use (commercial, residential, rural, etc.):
Commercial; consignment store

Description of adjacent land use (commercial, residential, rural, etc):
Commercial, residential, and Duke Power substation

UST sites within a 1,000-foot radius:
Unknown

The site is located at 800 West North First Street in Seneca, South Carolina. The site is bordered to the north by residential property, to the east by commercial property, to the south by West North First Street, and to the west by a Duke Power substation. Further to the south across West North First Street are commercial properties. The general site location is shown on the Topographic Map provided in Section J as Figure 1. A detailed Site Base Map originating from a comprehensive survey completed by Jay S. Joshi (SC Registered Land Surveyor #14811) of Construction Support Services, Inc. on October 8, 2008 is provided in Appendix 1 as Figure 2.

3. Site-Specific Geology and Hydrogeology

Based on the Tier II Assessment reported in March 2009, the general soil profile onsite consists of mostly clayey silt and sandy silt. Partially weathered rock and/or bedrock were encountered at depths ranging from approximately 28 feet to 45 feet below ground surface (bgs). The shallow aquifer was generally encountered between 40 and 47 feet bgs. During this scope of work, depth to groundwater was measured between 32 and 43 feet below top of casing in the recovery and influence wells gauged prior to the start of each event.

C. SOIL ASSESSMENT/FIELD SCREENING INFORMATION & METHODOLOGY

Not Applicable. No soil or groundwater borings were installed during this scope of work.

D. MONITORING WELL INFORMATION

Not Applicable. No monitoring wells were installed during this scope of work.

E. GROUNDWATER DATA

Not Applicable. No groundwater samples were collected during this scope of work.

F. AFVR INFORMATION

1. Scope of Work

As directed by SCDHEC, three (3) consecutive 48-hour continuous AFVR Events were performed: between September 8, 2014 and September 10, 2014 event one was conducted on monitoring well MW-10; between September 10, 2014 and September 12, 2014 event two was conducted on monitoring well MW-19; between September 15, 2014 and September 17, 2014 event three was conducted on monitoring well MW-20.

2. AFVR Emissions Table

AFVR Emissions Table (Event 1) – Attached

AFVR Emissions Table (Event 2) – Attached

AFVR Emissions Table (Event 3) – Attached

Extraction Well Stinger Depth Table (Event 1) – Attached

Extraction Well Stinger Depth Table (Event 2) – Attached

Extraction Well Stinger Depth Table (Event 3) – Attached

3. Vacuum Data Table

Vacuum Data Table (Event 1) – Attached

Vacuum Data Table (Event 2) – Attached

Vacuum Data Table (Event 3) – Attached

4. Volume of Water Recovered

2,400 gallons of fluid were recovered during the 48-hour event conducted September 8, 2014 through September 10, 2014. 1,100 gallons of fluid were recovered during the 48-hour event conducted September 10, 2014 through September 12, 2014. 1,500 gallons of fluid were recovered during the 48-hour event conducted September 15, 2014 through September 17, 2014. A total of 5,000 gallons of fluid were recovered during the three events.

5. Volume of Product Recovered

At the completion of the event no product was detected in the recovery tank. However, the AFVR process routinely emulsifies product which can take several hours to separate.

SECTION F-2A
AFVR EMISSIONS TABLE (EVENT 1)
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303

Date:	September 8-10, 2014			**Average Depth to Groundwater:**	32-43 ft.
Site Name:	Former Li'l Cricket #339			**Describe Soil in Saturated Zone:**	Weathered Rock
SCDHEC Site ID #:	07303			**Vacuum Contractor:**	TERRY Exploration Services, LLC
Well ID #:	MW-10	**Blower Specification of the Vacuum Truck (CFM @ Hg):**		282 CFM @ 25" Hg	

DRY STANDARD CUBIC FEET PER MINUTE (DSCFM) CALCULATIONS (Qstd)												EMISSION CALCULATION							
		Vacuum	Velocity	Pipe Id	Temp.	Rel.Humid	PPM_{pre}	PPM_{post}	Reduction	Elapsed time	Flow	PPM_d	PPM_c	K	C_{cm}	C_c	PMR_c	PMR_q	PMR_q
Date	Time	(in. Hg)	(ft/min)	(in)	(F)	(%)	(ppm)	(ppm)	(%)	(min)	(DSCFM)				(mg/dsm^3)	(lb/dscf)	(lb/hr)	(lb/hr)	(gal/hr)
9/8/2014	12:00	20.0	1,043	3	103.6	26.3	2,563	110	96	0	43.74	2809.39	11237.56	4	5607.11	3.501E-04	0.92	1.06	0.17
9/8/2014	12:30	20.0	1,066	3	106.8	22.1	2,872	123	96	30	44.45	3148.10	12592.38	4	6283.11	3.923E-04	1.05	1.21	0.19
9/8/2014	13:00	20.0	1,098	3	117.9	23.8	3,821	144	96	60	44.90	4188.33	16753.30	4	8359.25	5.219E-04	1.41	1.63	0.26
9/8/2014	13:30	20.0	1,112	3	128.9	24.3	3,419	138	96	90	44.63	3747.68	14990.72	4	7479.79	4.670E-04	1.25	1.45	0.23
9/8/2014	14:00	20.0	1,092	3	140.6	24.6	3,630	156	96	120	42.97	3978.96	15915.86	4	7941.40	4.958E-04	1.28	1.48	0.24
9/8/2014	14:30	20.0	1,137	3	148.9	23.2	3,881	177	95	150	44.13	4254.09	17016.38	4	8490.51	5.301E-04	1.40	1.62	0.26
9/8/2014	15:00	20.0	1,168	3	149.7	22.8	3,943	190	95	180	45.27	4322.05	17288.22	4	8626.15	5.385E-04	1.46	1.69	0.27
9/8/2014	15:30	20.0	1,118	3	150.6	23.7	3,821	194	95	210	43.27	4188.33	16753.30	4	8359.25	5.219E-04	1.35	1.57	0.25
9/8/2014	16:00	20.0	1,092	3	149.3	22.4	3,641	199	95	240	42.36	3991.02	15964.09	4	7965.46	4.973E-04	1.26	1.46	0.23
9/8/2014	16:30	20.0	1,104	3	149.8	23.6	3,912	207	95	270	42.79	4288.07	17152.30	4	8558.33	5.343E-04	1.37	1.59	0.25
9/8/2014	17:00	20.0	1,122	3	149.9	22.9	3,874	216	94	300	43.48	4246.42	16985.68	4	8475.20	5.291E-04	1.38	1.60	0.26
9/8/2014	17:30	20.0	1,081	3	150.4	22.6	3,722	231	94	330	41.85	4079.81	16319.24	4	8142.67	5.083E-04	1.28	1.48	0.24
9/8/2014	18:00	20.0	1,098	3	149.6	22.4	3,960	212	95	360	42.57	4340.69	17362.75	4	8663.34	5.409E-04	1.38	1.60	0.26
9/8/2014	18:30	20.0	1,143	3	148.4	23.1	3,871	228	94	390	44.40	4243.13	16972.53	4	8468.64	5.287E-04	1.41	1.63	0.26
9/8/2014	19:00	20.0	1,164	3	148.6	23.8	3,641	209	94	420	45.20	3991.02	15964.09	4	7965.46	4.973E-04	1.35	1.56	0.25
9/8/2014	19:30	20.0	1,087	3	148.9	22.2	3,812	214	94	450	42.19	4178.46	16713.84	4	8339.56	5.206E-04	1.32	1.52	0.24
9/8/2014	20:00	20.0	1,141	3	148.7	23.1	3,962	223	94	480	44.30	4342.88	17371.52	4	8667.72	5.411E-04	1.44	1.66	0.27
9/8/2014	21:00	20.0	1,081	3	149.1	22.8	3,748	208	94	540	41.94	4108.31	16433.23	4	8199.55	5.119E-04	1.29	1.49	0.24
9/8/2014	22:00	20.0	1,096	3	149.4	21.6	3,621	229	94	600	42.50	3969.10	15876.40	4	7921.71	4.946E-04	1.26	1.46	0.23
9/8/2014	23:00	20.0	1,128	3	148.3	23.4	3,799	201	95	660	43.82	4164.21	16656.84	4	8311.12	5.189E-04	1.36	1.58	0.25
9/8/2014	0:00	20.0	1,104	3	148.6	22.7	3,943	240	94	720	42.87	4322.05	17288.22	4	8626.15	5.385E-04	1.39	1.60	0.26
9/9/2014	8:00	20.0	1,097	3	149.3	21.6	3,821	212	94	1200	42.55	4188.33	16753.30	4	8359.25	5.219E-04	1.33	1.54	0.25
9/9/2014	9:00	20.0	1,131	3	149.8	23.3	3,744	217	94	1260	43.83	4103.92	16415.70	4	8190.80	5.114E-04	1.34	1.56	0.25
9/9/2014	10:00	20.0	1,142	3	150.2	21.8	3,825	241	94	1320	44.23	4192.71	16770.84	4	8368.00	5.224E-04	1.39	1.60	0.26
9/9/2014	11:00	20.0	1,074	3	149.4	22.5	3,933	253	94	1380	41.65	4311.09	17244.37	4	8604.28	5.372E-04	1.34	1.55	0.25
9/9/2014	12:00	20.0	1,127	3	149.6	23.2	3,748	229	94	1440	43.69	4108.31	16433.23	4	8199.55	5.119E-04	1.34	1.55	0.25
9/9/2014	14:00	20.0	1,085	3	149.8	22.1	3,729	238	94	1560	42.05	4087.48	16349.93	4	8157.98	5.093E-04	1.28	1.49	0.24
9/9/2014	16:00	20.0	1,109	3	148.7	21.8	3,862	241	94	1680	43.06	4233.27	16933.07	4	8448.95	5.275E-04	1.36	1.58	0.25
9/9/2014	18:00	20.0	1,138	3	148.4	22.6	3,845	239	94	1800	44.21	4214.63	16858.53	4	8411.76	5.251E-04	1.39	1.61	0.26
9/9/2014	20:00	20.0	1,122	3	148.3	23.4	3,921	256	93	1920	43.59	4297.94	17191.76	4	8578.02	5.355E-04	1.40	1.62	0.26
9/9/2014	22:00	20.0	1,093	3	148.9	22.7	3,734	277	93	2040	42.42	4092.96	16371.85	4	8168.92	5.100E-04	1.30	1.50	0.24
9/9/2014	0:00	20.0	1,114	3	149.4	21.9	3,698	262	93	2160	43.20	4053.50	16214.01	4	8090.16	5.051E-04	1.31	1.51	0.24
9/10/2014	8:00	20.0	1,096	3	149.6	23.7	3,743	251	93	2640	42.49	4102.83	16411.31	4	8188.61	5.112E-04	1.30	1.51	0.24
9/10/2014	10:00	20.0	1,078	3	150.3	24.1	3,865	239	94	2760	41.74	4236.56	16946.22	4	8455.51	5.279E-04	1.32	1.53	0.24
9/10/2014	12:00	20.0	1,112	3	151.6	23.2	3,729	244	93	2880	42.97	4087.48	16349.93	4	8157.98	5.093E-04	1.31	1.52	0.24
Average		20.0	1108	3.0	145.1	23.0	3733	213	94		43.29	4091.80	16367.22	4	8166.61	5.098E-04	1.32	1.53	0.25
Bws =	0.088	Bwsw:	0.06																

Total Pounds of Carbon Recovered as Emissions: 63.56

Total Pounds of Gasoline Vapor Recovered as Emissions: 73.54

Total Gallons of Gasoline Recovered as Emissions: 11.77

(This Number Represents the Gallons Recovered via Vapors, Not Total Liquids)

SECTION F-2A
AFVR EMISSIONS TABLE (EVENT 2)
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303

Date:	September 10-12, 2014			**Average Depth to Groundwater:**	36-40 ft.
Site Name:	Former Li'l Cricket #339			**Describe Soil in Saturated Zone:**	Weathered Rock
SCDHEC Site ID #:	07303			**Vacuum Contractor:**	TERRY Exploration Services, LLC
Well ID #:	**MW-19**	**Blower Specification of the Vacuum Truck (CFM @ Hg):**		282 CFM @ 25" Hg	

DRY STANDARD CUBIC FEET PER MINUTE (DSCFM) CALCULATIONS (Qstd) | **EMISSION CALCULATION**

		Vacuum	Velocity	Pipe Id	Temp.	Rel.Humid	PPM_{pre}	PPM_{post}	Reduction	Elapsed time	Flow	PPM_d	PPM_c	K	C_{cm}	C_c	PMR_c	PMR_g	PMR_g
Date	Time	(in. Hg)	(ft/min)	(in)	(F)	(%)	(ppm)	(ppm)	(%)	(min)	(DSCFM)				(mg/dsm^3)	(lb/dscf)	(lb/hr)	(lb/hr)	(gal/hr)
9/10/2014	12:30	16.0	1,081	3	144.3	22.0	2,538	204	92	0	42.28	2781.99	11127.95	4	5552.42	3.466E-04	0.88	1.02	0.16
9/10/2014	13:00	16.0	1,094	3	147.9	21.6	2,792	208	93	30	42.53	3060.40	12241.62	4	6108.09	3.813E-04	0.97	1.13	0.18
9/10/2014	13:30	16.0	1,114	3	149.6	23.6	2,864	210	93	60	43.19	3139.33	12557.31	4	6265.61	3.912E-04	1.01	1.17	0.19
9/10/2014	14:00	16.0	1,133	3	149.9	24.9	2,931	216	93	90	43.90	3212.77	12851.07	4	6412.19	4.003E-04	1.05	1.22	0.20
9/10/2014	14:30	16.0	1,121	3	150.1	25.7	3,012	224	93	120	43.42	3301.55	13206.22	4	6589.39	4.114E-04	1.07	1.24	0.20
9/10/2014	15:00	16.0	1,087	3	150.4	26.3	3,048	287	91	150	42.09	3341.01	13364.06	4	6668.15	4.163E-04	1.05	1.22	0.19
9/10/2014	15:30	16.0	1,076	3	149.7	22.2	2,964	296	90	180	41.71	3248.94	12995.76	4	6484.38	4.048E-04	1.01	1.17	0.19
9/10/2014	16:00	16.0	1,099	3	150.6	23.0	2,829	280	90	210	42.54	3100.96	12403.85	4	6189.04	3.864E-04	0.99	1.14	0.18
9/10/2014	16:30	16.0	1,121	3	149.3	24.1	3,048	299	90	240	43.48	3341.01	13364.06	4	6668.15	4.163E-04	1.09	1.26	0.20
9/10/2014	17:00	16.0	1,148	3	149.2	23.3	3,117	309	90	270	44.54	3416.65	13666.59	4	6819.10	4.257E-04	1.14	1.32	0.21
9/10/2014	17:30	18.0	1,082	3	148.9	22.7	3,082	312	90	300	42.00	3378.28	13513.13	4	6742.53	4.209E-04	1.06	1.23	0.20
9/10/2014	18:00	18.0	1,102	3	149.3	21.8	3,035	328	89	330	42.74	3326.77	13307.06	4	6639.71	4.145E-04	1.06	1.23	0.20
9/10/2014	18:30	18.0	1,076	3	148.6	23.6	2,964	346	88	360	41.78	3248.94	12995.76	4	6484.38	4.048E-04	1.01	1.17	0.19
9/10/2014	19:00	18.0	1,062	3	148.7	22.8	2,953	371	87	390	41.23	3236.88	12947.53	4	6460.32	4.033E-04	1.00	1.15	0.18
9/10/2014	19:30	18.0	1,059	3	148.4	22.4	2,902	301	90	420	41.14	3180.98	12723.92	4	6348.74	3.964E-04	0.98	1.13	0.18
9/10/2014	20:00	18.0	1,089	3	148.5	22.7	2,972	305	90	450	42.29	3257.71	13030.84	4	6501.88	4.059E-04	1.03	1.19	0.19
9/10/2014	20:30	18.0	1,097	3	148.3	21.9	3,086	298	90	480	42.62	3382.67	13530.67	4	6751.28	4.215E-04	1.08	1.25	0.20
9/10/2014	21:30	18.0	1,108	3	149.0	24.7	2,944	309	90	540	43.00	3227.02	12908.07	4	6440.63	4.021E-04	1.04	1.20	0.19
9/10/2014	22:30	18.0	1,088	3	148.5	22.5	2,872	282	90	600	42.26	3148.10	12592.38	4	6283.11	3.923E-04	0.99	1.15	0.18
9/10/2014	23:30	18.0	1,091	3	147.2	25.1	2,655	305	89	660	42.46	2910.23	11640.94	4	5808.38	3.626E-04	0.92	1.07	0.17
9/10/2014	0:00	18.0	1,072	3	147.3	24.3	2,829	316	89	690	41.72	3100.96	12403.85	4	6189.04	3.864E-04	0.97	1.12	0.18
9/11/2014	8:00	18.0	1,088	3	148.6	23.2	2,944	340	88	1170	42.25	3227.02	12908.07	4	6440.63	4.021E-04	1.02	1.18	0.19
9/11/2014	9:00	18.0	1,140	3	148.2	21.6	2,872	361	87	1230	44.30	3148.10	12592.38	4	6283.11	3.923E-04	1.04	1.21	0.19
9/11/2014	10:00	18.0	1,116	3	149.2	21.2	2,949	343	88	1290	43.29	3232.50	12929.99	4	6451.57	4.028E-04	1.05	1.21	0.19
9/11/2014	11:00	18.0	1,092	3	149.6	20.4	3,072	362	88	1350	42.33	3367.32	13469.29	4	6720.65	4.196E-04	1.07	1.23	0.20
9/11/2014	12:00	18.0	1,077	3	149.3	20.7	2,869	354	88	1410	41.77	3144.81	12579.23	4	6276.55	3.918E-04	0.98	1.14	0.18
9/11/2014	13:00	18.0	1,141	3	150.6	22.6	2,744	364	87	1470	44.16	3007.79	12031.16	4	6003.08	3.748E-04	0.99	1.15	0.18
9/11/2014	15:00	18.0	1,096	3	150.2	21.8	2,981	331	89	1590	42.45	3267.57	13070.30	4	6521.57	4.071E-04	1.04	1.20	0.19
9/11/2014	17:00	18.0	1,088	3	148.8	23.0	3,012	359	88	1710	42.24	3301.55	13206.22	4	6589.39	4.114E-04	1.04	1.21	0.19
9/11/2014	19:00	18.0	1,084	3	148.5	22.5	3,150	392	88	1830	42.10	3452.82	13811.28	4	6891.30	4.302E-04	1.09	1.26	0.20
9/11/2014	21:00	18.0	1,117	3	148.3	21.9	3,039	305	90	1950	43.40	3331.15	13324.60	4	6648.46	4.151E-04	1.08	1.25	0.20
9/11/2014	23:00	18.0	1,085	3	148.2	23.2	2,942	339	88	2070	42.16	3224.82	12899.30	4	6436.25	4.018E-04	1.02	1.18	0.19
9/11/2014	0:00	18.0	1,109	3	148.4	23.0	2,898	322	89	2130	43.08	3176.59	12706.38	4	6339.99	3.958E-04	1.02	1.18	0.19
9/12/2014	8:00	18.0	1,120	3	148.6	22.8	2,928	335	89	2610	43.49	3209.48	12837.92	4	6405.62	3.999E-04	1.04	1.21	0.19
9/12/2014	10:00	18.0	1,091	3	149.2	24.1	3,066	388	87	2730	42.32	3360.75	13442.98	4	6707.53	4.188E-04	1.06	1.23	0.20
9/12/2014	12:00	18.0	1,078	3	150.2	23.8	3,085	396	87	2850	41.75	3381.57	13526.29	4	6749.09	4.213E-04	1.06	1.22	0.20
9/12/2014	12:30	18.0	1,095	3	151.0	21.9	2,992	347	88	2880	42.35	3279.63	13118.53	4	6545.64	4.086E-04	1.04	1.20	0.19
Average		17.5	1098	3.0	148.9	22.9	2945	315	89		42.60	3228.56	12914.23	4	6443.70	4.023E-04	1.03	1.19	0.19

Bws =	0.088	Bwsw:	0.06

Total Pounds of Carbon Recovered as Emissions: 49.36

Total Pounds of Gasoline Vapor Recovered as Emissions: 57.11

Total Gallons of Gasoline Recovered as Emissions: 9.14

(This Number Represents the Gallons Recovered via Vapors, Not Total Liquids)

SECTION F-2A
AFVR EMISSIONS TABLE (EVENT 3)
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303

Date:	September 15-17, 2014			**Average Depth to Groundwater:**	37-42 ft.
Site Name:	Former Li'l Cricket #339			**Describe Soil in Saturated Zone:**	Weathered Rock
SCDHEC Site ID #:	07303			**Vacuum Contractor:**	TERRY Exploration Services, LLC
Well ID #:	MW-20	**Blower Specification of the Vacuum Truck (CFM @ Hg):**		282 CFM @ 25" Hg	

DRY STANDARD CUBIC FEET PER MINUTE (DSCFM) CALCULATIONS (Qstd)												EMISSION CALCULATION							
		Vacuum	Velocity	Pipe Id	Temp.	Rel.Humid	PPM_{pre}	PPM_{post}	Reduction	Elapsed time	Flow	PPM_d	PPM_c	K	C_{cm}	C_c	PMR_c	PMR_q	PMR_q
Date	Time	(in. Hg)	(ft/min)	(in)	(F)	(%)	(ppm)	(ppm)	(%)	(min)	(DSCFM)				(mg/dsm^3)	(lb/dscf)	(lb/hr)	(lb/hr)	(gal/hr)
9/15/2014	11:00	16.0	1,113	3	117.0	27.9	1,936	211	89	0	45.59	2122.11	8488.46	4	4235.41	2.644E-04	0.72	0.84	0.13
9/15/2014	11:30	17.0	1,092	3	128.0	28.2	2,214	316	86	30	43.89	2426.84	9707.36	4	4843.60	3.024E-04	0.80	0.92	0.15
9/15/2014	12:00	18.0	883	3	141.0	27.4	2,410	306	87	60	34.72	2641.68	10566.73	4	5272.39	3.292E-04	0.69	0.79	0.13
9/15/2014	12:30	18.0	914	3	156.0	26.7	2,624	289	89	90	35.07	2876.25	11505.02	4	5740.56	3.584E-04	0.75	0.87	0.14
9/15/2014	13:00	18.0	926	3	158.0	25.1	2,488	206	92	120	35.41	2727.18	10908.72	4	5443.03	3.398E-04	0.72	0.84	0.13
9/15/2014	13:30	18.0	1,044	3	158.0	25.6	2,599	362	86	150	39.92	2848.85	11395.40	4	5685.87	3.550E-04	0.85	0.98	0.16
9/15/2014	14:00	18.0	882	3	158.0	26.4	2,242	268	88	180	33.73	2457.53	9830.13	4	4904.85	3.062E-04	0.62	0.72	0.11
9/15/2014	14:30	18.0	951	3	158.0	25.2	2,619	314	88	210	36.37	2870.77	11483.09	4	5729.62	3.577E-04	0.78	0.90	0.14
9/15/2014	15:00	18.0	848	3	158.0	24.9	2,552	286	89	240	32.43	2797.33	11189.33	4	5583.04	3.485E-04	0.68	0.78	0.13
9/15/2014	15:30	18.0	864	3	158.0	25.2	2,848	299	90	270	33.04	3121.79	12487.15	4	6230.61	3.890E-04	0.77	0.89	0.14
9/15/2014	16:00	18.0	943	3	158.0	22.4	2,802	336	88	300	36.06	3071.37	12285.46	4	6129.97	3.827E-04	0.83	0.96	0.15
9/15/2014	16:30	18.0	972	3	158.0	25.5	3,039	501	84	330	37.17	3331.15	13324.60	4	6648.46	4.151E-04	0.93	1.07	0.17
9/15/2014	17:00	18.0	1,054	3	158.0	24.8	2,772	352	87	360	40.31	3038.48	12153.93	4	6064.34	3.786E-04	0.92	1.06	0.17
9/15/2014	17:30	18.0	1,030	3	158.0	26.8	2,485	181	93	390	39.39	2723.89	10895.57	4	5436.47	3.394E-04	0.80	0.93	0.15
9/15/2014	18:00	18.0	1,043	3	158.0	25.3	2,674	214	92	420	39.89	2931.06	11724.24	4	5849.94	3.652E-04	0.87	1.01	0.16
9/15/2014	18:30	18.0	1,117	3	158.0	21.1	2,510	259	90	450	42.72	2751.30	11005.18	4	5491.16	3.428E-04	0.88	1.02	0.16
9/15/2014	19:00	18.0	1,159	3	158.0	26.5	2,460	298	88	480	44.32	2696.49	10785.95	4	5381.77	3.360E-04	0.89	1.03	0.17
9/15/2014	20:00	18.0	1,171	3	158.0	20.4	2,438	275	89	540	44.78	2672.37	10689.49	4	5333.64	3.330E-04	0.89	1.04	0.17
9/15/2014	21:00	18.0	1,149	3	158.0	19.9	2,292	319	86	600	43.94	2512.34	10049.35	4	5014.24	3.130E-04	0.83	0.95	0.15
9/15/2014	22:00	18.0	1,220	3	158.0	19.5	2,211	242	89	660	46.65	2423.55	9694.20	4	4837.03	3.020E-04	0.85	0.98	0.16
9/15/2014	23:00	18.0	1,227	3	158.0	19.7	2,190	181	92	720	46.92	2400.53	9602.13	4	4791.09	2.991E-04	0.84	0.97	0.16
9/15/2014	0:00	18.0	1,196	3	158.0	19.2	2,195	223	90	780	45.74	2406.01	9624.05	4	4802.03	2.998E-04	0.82	0.95	0.15
9/16/2014	8:00	18.0	1,266	3	158.0	17.5	2,142	236	89	1260	48.41	2347.92	9391.67	4	4686.08	2.926E-04	0.85	0.98	0.16
9/16/2014	9:00	18.0	1,258	3	158.0	18.2	2,005	216	89	1320	48.11	2197.75	8790.99	4	4386.36	2.738E-04	0.79	0.91	0.15
9/16/2014	10:00	18.0	1,292	3	158.0	18.6	1,908	204	89	1380	49.41	2091.42	8365.69	4	4174.16	2.606E-04	0.77	0.89	0.14
9/16/2014	11:00	18.0	1,307	3	158.0	19.9	1,842	262	86	1440	49.98	2019.08	8076.31	4	4029.77	2.516E-04	0.75	0.87	0.14
9/16/2014	13:00	18.0	1,300	3	158.0	21.4	1,824	199	89	1560	49.71	1999.35	7997.39	4	3990.39	2.491E-04	0.74	0.86	0.14
9/16/2014	15:00	18.0	1,287	3	158.0	23.6	1,765	192	89	1680	49.22	1934.68	7738.70	4	3861.31	2.411E-04	0.71	0.82	0.13
9/16/2014	17:00	18.0	1,272	3	158.0	24.4	1,654	187	89	1800	48.64	1813.00	7252.02	4	3618.48	2.259E-04	0.66	0.76	0.12
9/16/2014	19:00	18.0	1,322	3	158.0	24.7	1,472	220	85	1920	50.55	1613.51	6454.03	4	3220.31	2.010E-04	0.61	0.71	0.11
9/16/2014	21:00	18.0	1,309	3	158.0	28.0	1,456	192	87	2040	50.06	1595.97	6383.88	4	3185.31	1.989E-04	0.60	0.69	0.11
9/16/2014	23:00	18.0	1,337	3	158.0	27.7	1,430	175	88	2160	51.13	1567.47	6269.88	4	3128.43	1.953E-04	0.60	0.69	0.11
9/16/2014	0:00	18.0	1,355	3	158.0	22.4	1,444	186	87	2220	51.82	1582.82	6331.27	4	3159.06	1.972E-04	0.61	0.71	0.11
9/17/2014	8:00	18.0	1,341	3	158.0	22.1	1,421	180	87	2700	51.28	1557.61	6230.42	4	3108.74	1.941E-04	0.60	0.69	0.11
9/17/2014	10:00	18.0	1,323	3	158.0	20.0	1,462	169	88	2820	50.59	1602.55	6410.19	4	3198.44	1.997E-04	0.61	0.70	0.11
9/17/2014	11:00	18.0	1,346	3	158.0	21.4	1,455	175	88	2880	51.47	1594.87	6379.50	4	3183.12	1.987E-04	0.61	0.71	0.11
Average		17.9	1142	3.0	155.5	23.4	2163	251	88		43.85	2371.30	9485.21	4	4732.75	2.955E-04	0.78	0.90	0.14

Bws =	0.088	Bwsw:	0.06

Total Pounds of Carbon Recovered as Emissions: 37.31

Total Pounds of Gasoline Vapor Recovered as Emissions: 43.17

Total Gallons of Gasoline Recovered as Emissions: 6.91

(This Number Represents the Gallons Recovered via Vapors, Not Total Liquids)

AFVR Definitions and Equations

Qstd = (60 sec/min) (1- Bws) (velocity) (Pipe ID sq.ft.) [(528 oR / (Temp. + 460)] (Listed As Flow Above)

Bws = (B_{wsw} / 18 lb-mole H_2O) / [(1/28.84 lb-mole dry air) + B_{wsw} / 18 lb-mole H_2O)]

PPMd = (PPMw) / (1-Bws)

PPMc = (PPM) (K)

Cc = Ccm (62.43 E -9 lb-m^3/mg-ft^3)

PMRg = (PMRc) (Mg/Mcg)

Bgs = below top of casing

Bws = (B_{WSW} / 18 lb-mole H_2O) / [(1/28.84 lb-mole dry air) + B_{wsw} / 18 lb-mole H_2O)]

Qstd = (60 sec/min)(1-Bws)(V)(A)(Temp deg Rankin)

Bgs = below top of casing

Bws - water vapor % by volume

PPMpre = measured directly from Photo Ionization Detector (PID) pre-treatment

PPMpost = measured directly from PID post-treatment

Bwsw - pounds of water per pound of dry air, derived from the psychometric chart (temp Vs relative hum)

PPMw = PPM measured (wet Conc.)

K = # of carbons in calibration gas (isobutylene)

PPMc = PPMv, volumetric concentration of VOC emissions as carbon, dry basis, at STP

Ccm = mg/dsm^3, mass concentration of VOC emissions as carbon

Mc = 12.01 mg/mg-mole, molecular wt. of carbon

K_3 = 24.07 $dsm^3/10^6$ mg-mole, mass to volume conversion factor at stp

Cc = lb/dscf, mass concentration of VOC emissions as carbon, dry basis, at STP

PMRc = lb/hr, pollutant mass removal rate of VOC's as carbon

PMRg = lb/hr, pollutant mass removal rate of VOC's as gasoline

Mcg = 89 mg/mg-mole, weight of carbon in gasoline molecule

PPMd = "dry" concentration

Mg = 103 mg/mg-mole, molecular wt. of gasoline

Qstd - Flow at DSCFM

Ccm = PPMc (Mc/K_3)

PMRc = Cc (Qstd) (60 min/hr)

Reference:

North Carolina Department of Natural Resources, Division of Waste Management, Underground Storage Tank Section, Appendix B, Report Formats, April 2001.

SECTION F-2B
EXTRACTION WELL STINGER DEPTH TABLE (EVENT 1)
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
SEPTEMBER 8-10, 2014

Well #	MW-10
Elapsed Time	**Stinger Depth (ft)***
0	40.0
0.5	40.5
1	41.0
1.5	41.5
2	42.0
2.5	42.5
3	43.0
3.5	43.5
4	44.0
4.5	44.5
5	45.0
5.5	45.0
6	45.0
6.5	45.0
7	45.0
7.5	45.0
8	44.0
9	44.0
10	44.0
11	44.0
12	43.0
20	43.0
21	42.0
22	42.0
23	42.0
24	45.0
26	45.0
28	45.0
30	45.0
32	45.0
34	45.0
36	45.0
44	45.0
46	45.0
48	45.0

*Measured relative to the top of the well casing.

SECTION F-2B EXTRACTION WELL STINGER DEPTH TABLE (EVENT 2) FORMER LI'L CRICKET #339 SENECA, SOUTH CAROLINA SCDHEC UST PERMIT #07303 SEPTEMBER 10-12, 2014	
Well #	**MW-19**
Elapsed Time	**Stinger Depth (ft)***
0	36.0
0.5	36.5
1	37.0
1.5	37.5
2	38.0
2.5	38.5
3	39.0
3.5	39.5
4	40.0
4.5	40.5
5	41.0
5.5	41.5
6	42.0
6.5	42.0
7	42.0
7.5	42.0
8	41.0
9	41.0
10	41.0
11	41.0
11.5	41.0
19.5	41.0
20.5	41.0
21.5	40.0
22.5	40.0
23.5	40.0
24.5	40.0
26.5	40.0
28.5	40.0
30.5	38.0
32.5	38.0
34.5	38.0
35.5	38.0
43.5	42.0
45.5	42.0
47.5	42.0
48	42.0

*Measured relative to the top of the well casing.

SECTION F-2B
EXTRACTION WELL STINGER DEPTH TABLE (EVENT 3)
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
SEPTEMBER 15-17, 2014

Well #	MW-20
Elapsed Time	**Stinger Depth (ft)***
0	40.0
0.5	40.0
1	40.5
1.5	40.5
2	41.0
2.5	41.0
3	41.5
3.5	41.5
4	42.0
4.5	42.0
5	42.5
5.5	43.0
6	43.5
6.5	44.0
7	44.5
7.5	45.0
8	45.0
9	45.0
10	44.0
11	44.0
12	44.0
13	45.0
21	45.0
22	45.0
23	45.0
24	45.0
26	43.0
28	43.0
30	43.0
32	43.0
34	44.0
36	44.0
37	45.0
45	45.0
47	45.0
48	45.0

*Measured relative to the top of the well casing.

SECTION F-3
VACUUM DATA TABLE (EVENT 1)
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
SEPTEMBER 8-10, 2014

Well #	MW-9	Well #	MW-13	Well #	MW-15
Elapsed Time	Vacuum (in H2O)	Elapsed Time	Vacuum (in H2O)	Elapsed Time	Vacuum (in H2O)
0	0.0	0	0.0	0	0.0
0.5	0.0	0.5	0.0	0.5	0.2
1	0.0	1	0.0	1	0.2
1.5	0.0	1.5	0.0	1.5	0.2
2	1.0	2	0.0	2	0.2
2.5	1.0	2.5	0.0	2.5	0.2
3	1.0	3	0.2	3	0.4
3.5	1.4	3.5	0.2	3.5	0.4
4	1.4	4	0.2	4	0.4
4.5	1.4	4.5	0.2	4.5	0.4
5	1.4	5	0.2	5	0.4
5.5	1.4	5.5	0.2	5.5	0.4
6	1.4	6	0.2	6	0.4
6.5	1.4	6.5	0.2	6.5	0.4
7	1.4	7	0.2	7	0.4
7.5	1.4	7.5	0.2	7.5	0.4
8	1.4	8	0.2	8	0.4
9	1.4	9	0.2	9	0.4
10	1.4	10	0.2	10	0.4
11	1.4	11	0.2	11	0.4
12	1.4	12	0.2	12	0.4
20	1.4	20	0.2	20	0.4
21	1.4	21	0.2	21	0.4
22	1.4	22	0.2	22	0.4
23	1.4	23	0.2	23	0.4
24	1.4	24	0.2	24	0.4
26	1.4	26	0.2	26	0.4
28	1.4	28	0.2	28	0.4
30	1.4	30	0.2	30	0.4
32	1.4	32	0.2	32	0.4
34	1.4	34	0.2	34	0.4
36	1.4	36	0.2	36	0.4
44	1.4	44	0.2	44	0.4
46	1.4	46	0.2	46	0.4
48	1.4	48	0.2	48	0.4

SECTION F-3
VACUUM DATA TABLE (EVENT 2)
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
SEPTEMBER 10-12, 2014

Well #	MW-3	Well #	MW-18	Well #	MW-20
Elapsed Time	Vacuum (in H2O)	Elapsed Time	Vacuum (in H2O)	Elapsed Time	Vacuum (in H2O)
0	0.0	0	0.0	0	0.0
0.5	0.0	0.5	0.0	0.5	0.0
1	0.2	1	0.0	1	0.0
1.5	0.2	1.5	0.0	1.5	0.0
2	0.2	2	0.1	2	0.0
2.5	0.2	2.5	0.1	2.5	0.0
3	0.2	3	0.1	3	0.0
3.5	0.2	3.5	0.3	3.5	0.0
4	0.2	4	0.3	4	0.0
4.5	0.2	4.5	0.3	4.5	0.0
5	0.2	5	0.5	5	0.0
5.5	0.2	5.5	0.5	5.5	0.0
6	0.2	6	0.5	6	0.0
6.5	0.2	6.5	0.5	6.5	0.0
7	0.2	7	0.5	7	0.0
7.5	0.2	7.5	0.5	7.5	0.0
8	0.2	8	0.5	8	0.0
9	0.2	9	0.5	9	0.0
10	0.2	10	0.5	10	0.0
11	0.2	11	0.5	11	0.0
11.5	0.2	11.5	0.5	11.5	0.0
19.5	0.2	19.5	0.5	19.5	0.0
20.5	0.2	20.5	0.5	20.5	0.0
21.5	0.2	21.5	0.5	21.5	0.0
22.5	0.2	22.5	0.5	22.5	0.0
23.5	0.2	23.5	0.5	23.5	0.0
24.5	0.2	24.5	0.5	24.5	0.0
26.5	0.2	26.5	0.5	26.5	0.0
28.5	0.2	28.5	0.5	28.5	0.0
30.5	0.2	30.5	0.5	30.5	0.0
32.5	0.2	32.5	0.5	32.5	0.0
34.5	0.2	34.5	0.5	34.5	0.0
35.5	0.2	35.5	0.5	35.5	0.0
43.5	0.2	43.5	0.5	43.5	0.0
45.5	0.2	45.5	0.5	45.5	0.0
47.5	0.2	47.5	0.5	47.5	0.0
48	0.2	48	0.5	48	0.0

SECTION F-3
VACUUM DATA TABLE (EVENT 3)
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
SEPTEMBER 15-17, 2014

Well #	MW-3	Well #	MW-10	Well #	MW-13
Elapsed Time	Vacuum (in H2O)	Elapsed Time	Vacuum (in H2O)	Elapsed Time	Vacuum (in H2O)
0	0.0	0	0.0	0	0.0
0.5	0.0	0.5	0.5	0.5	0.0
1	0.0	1	0.5	1	0.1
1.5	0.0	1.5	0.5	1.5	0.2
2	0.1	2	1.1	2	0.5
2.5	0.1	2.5	1.1	2.5	0.4
3	0.1	3	1.1	3	0.7
3.5	0.3	3.5	1.1	3.5	0.8
4	0.3	4	1.1	4	1.0
4.5	0.3	4.5	1.1	4.5	1.0
5	0.5	5	1.1	5	1.1
5.5	0.5	5.5	1.1	5.5	1.1
6	0.5	6	1.1	6	1.2
6.5	0.5	6.5	1.1	6.5	1.2
7	0.5	7	1.1	7	1.2
7.5	0.5	7.5	1.1	7.5	1.3
8	0.4	8	1.1	8	1.3
9	0.4	9	1.1	9	1.3
10	0.5	10	1.1	10	1.3
11	0.5	11	1.1	11	1.3
12	0.5	12	1.1	12	1.3
13	0.4	13	1.1	13	1.4
21	0.4	21	1.4	21	1.4
22	0.4	22	1.4	22	1.4
23	0.4	23	1.4	23	1.4
24	0.4	24	1.4	24	1.6
26	0.4	26	1.1	26	1.6
28	0.3	28	1.1	28	1.6
30	0.3	30	1.1	30	1.6
32	0.3	32	1.1	32	1.7
34	0.3	34	1.1	34	1.7
36	0.3	36	1.1	36	1.7
37	0.3	37	1.1	37	1.7
45	0.3	45	1.1	45	1.7
47	0.3	47	1.1	47	1.7
48	0.3	48	1.1	48	1.7

6. Mass of Petroleum Recovered as Vapor

73.54 pounds of volatile organic vapors (approximate equivalent of 11.77 gallons of gasoline) were recovered during the course of the 48-hour event conducted September 8, 2014 through September 10, 2014. 57.11 pounds of volatile organic vapors (approximate equivalent of 9.14 gallons of gasoline) were recovered during the course of the 48-hour event conducted September 10, 2014 through September 12, 2014. 43.17 pounds of volatile organic vapors (approximate equivalent of 6.91 gallons of gasoline) were recovered during the course of the 48-hour event conducted September 15, 2014 through September 17, 2014. A total of 173.82 pounds of gasoline vapors (approximate equivalent of 27.82 gallons of gasoline) were recovered as emissions during the three events. Off-gas treatment was provided during the events as directed by the SCDHEC Project Manager.

7. Free Product Thickness Table

Free Product Thickness Table (Event 1) – Attached

Free Product Thickness Table (Event 2) – Attached

Free Product Thickness Table (Event 3) – Attached

8. AFVR Event Map

Figure F-8 AFVR Map (Event 1) – Attached

Figure F-8 AFVR Map (Event 2) - Attached

Figure F-8 AFVR Map (Event 3) - Attached

9. Recovery Water Disposal

The disposal manifests for the recovery water generated during the September 8-10, 2014, September 10-12, 2014, and September 15-17, 2014 AFVR Events are included in Appendix G.

SECTION F-7
FREE PRODUCT THICKNESS TABLE (EVENT 1)
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
SEPTEMBER 8-10, 2014

Well #	--	Depth to Product	Depth to Water	Product Thickness
MW-10	Initial	40.49	40.74	0.25
	Final	n/a	43.24	n/a
MW-9	Initial	n/a	32.67	n/a
	Final	n/a	36.58	n/a
MW-13	Initial	41.87	41.88	0.01
	Final	n/a	41.98	n/a
MW-15	Initial	42.88	42.89	0.01
	Final	n/a	42.94	n/a

SECTION F-7
FREE PRODUCT THICKNESS TABLE (EVENT 2)
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
SEPTEMBER 10-12, 2014

Well #	--	Depth to Product	Depth to Water	Product Thickness
MW-19	Initial	n/a	36.24	n/a
	Final	n/a	37.12	n/a
MW-3	Initial	n/a	37.91	n/a
	Final	n/a	38.01	n/a
MW-18	Initial	36.53	36.54	0.01
	Final	n/a	37.09	n/a
MW-20	Initial	39.52	39.61	0.09
	Final	n/a	39.89	n/a

SECTION F-7
FREE PRODUCT THICKNESS TABLE (EVENT 3)
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
SEPTEMBER 15-17, 2014

Well #	--	Depth to Product	Depth to Water	Product Thickness
MW-20	Initial	n/a	39.84	n/a
	Final	n/a	42.97	n/a
MW-3	Initial	n/a	37.95	n/a
	Final	n/a	38.10	n/a
MW-10	Initial	n/a	41.72	n/a
	Final	n/a	42.01	n/a
MW-13	Initial	n/a	41.75	n/a
	Final	n/a	41.93	n/a

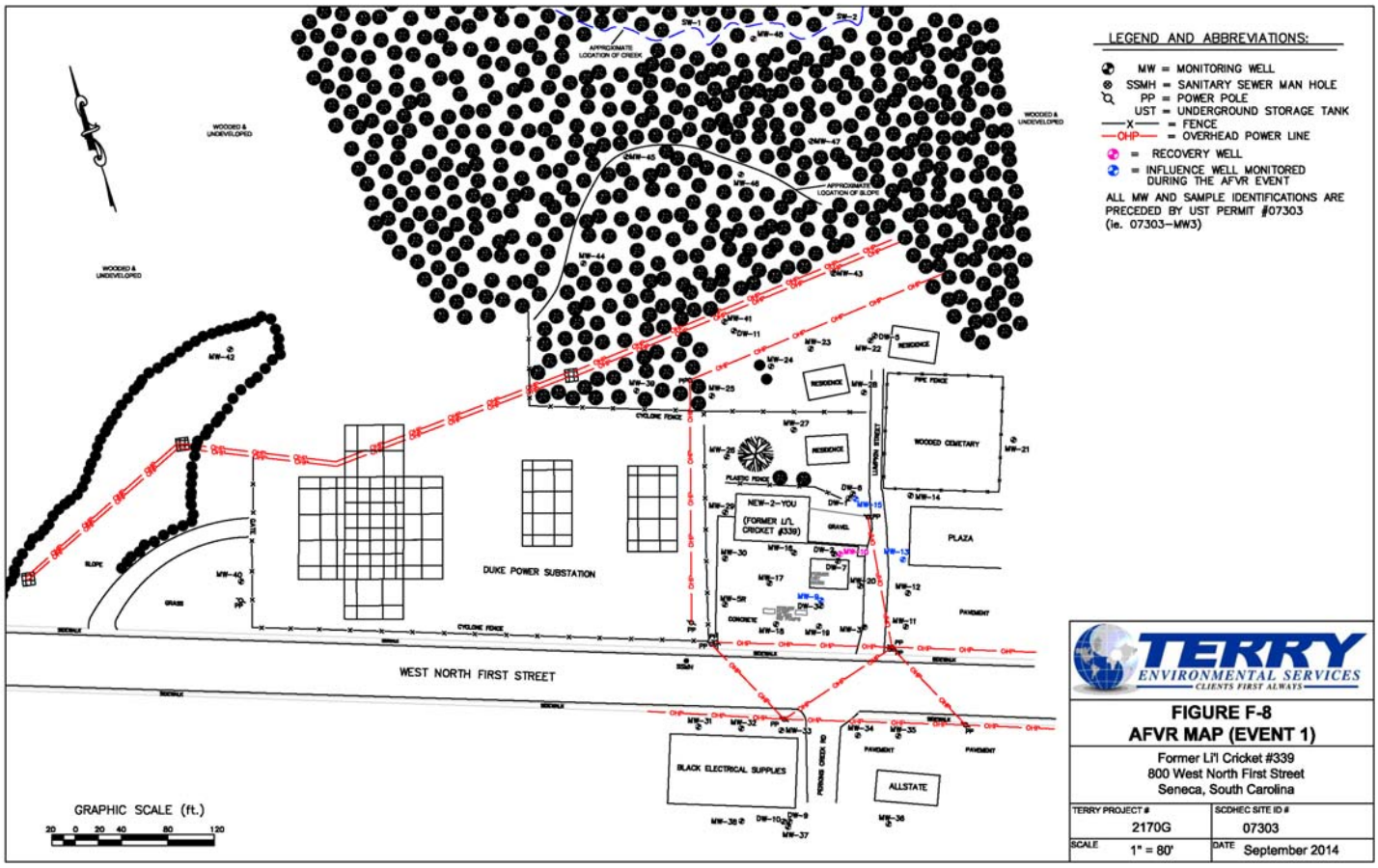

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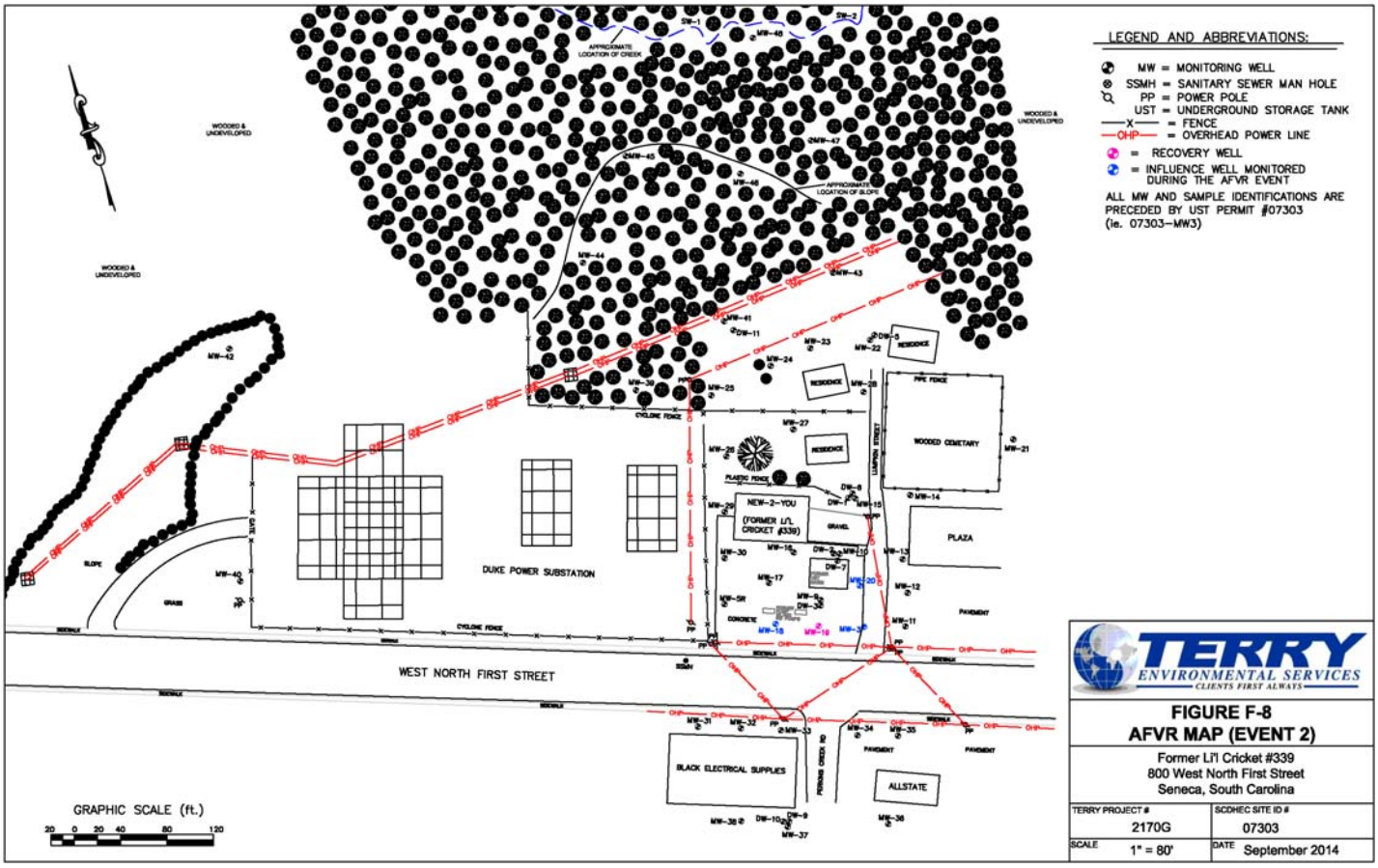
FIGURE F-8
AFVR MAP (EVENT 1)

Former Li'l Cricket #339
800 West North First Street
Seneca, South Carolina

TERRY PROJECT #	SCDHEC SITE ID #
2170G	07303
SCALE 1" = 80'	DATE September 2014



TERRY ENVIRONMENTAL SERVICES
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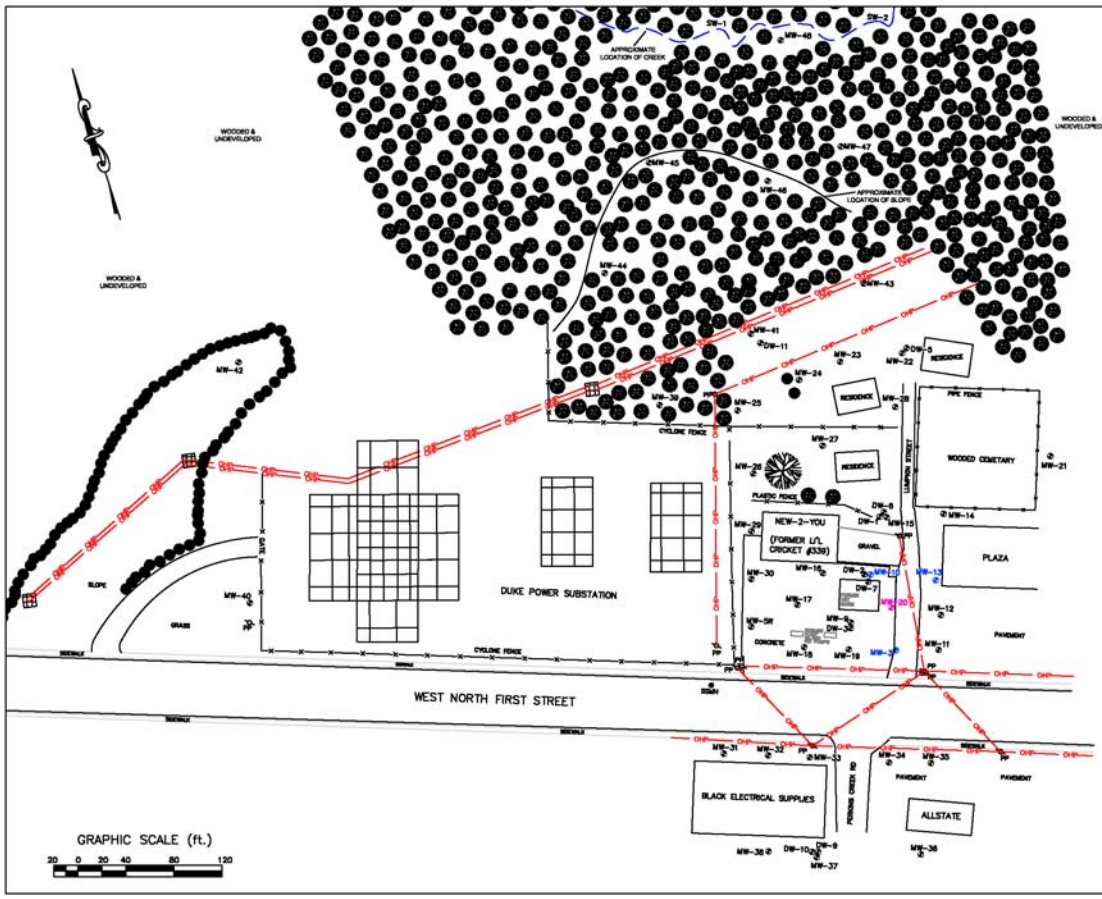
FIGURE F-8
AFVR MAP (EVENT 2)

Former Li'l Cricket #339
800 West North First Street
Seneca, South Carolina

TERRY PROJECT #	SCDHEC SITE ID #
2170G	07303
SCALE 1" = 80'	DATE September 2014



TERRY ENVIRONMENTAL SERVICES
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FIGURE F-8
AFVR MAP (EVENT 3)

Former Li'l Cricket #339
800 West North First Street
Seneca, South Carolina

TERRY PROJECT #	SCDHEC SITE ID #
2170G	07303
SCALE 1" = 80'	DATE September 2014

G. GRANULATED ACTIVATED CARBON INSTALLATION

Not Applicable. No granulated activated carbon units were installed during this scope of work.

H. RESULTS & DISCUSSION

1. Assessment Results

During this scope of work, three (3) separate 48-hour AFVR events were performed consecutively at the subject site. Prior to the first event conducted September 8-10, 2014, free-phase product was measured in MW-10 (0.25 feet), MW-13 (0.01 feet), and MW-15 (0.01 feet). Prior to the second event conducted September 10-12, 2014, free-phase product was measured in MW-18 (0.01 feet) and MW-20 (0.09 feet). Prior to the third event conducted September 15-17, 2014 no free-phase product was measured in the recovery or influence wells. Upon completion of the three events, no free-phase product was measured in the recovery or influence wells. A total of 173.82 pounds of gasoline vapors (approximate equivalent of 27.82 gallons of gasoline) were recovered as emissions during the event.

The AFVR events were successful at recovering contaminant mass, reducing free phase product thickness, and dewatering the source area. As such, it is recommended to conduct three consecutive 48-hour AFVR events on monitoring wells MW-10, MW-13, and MW-15, respectively.

2. Aquifer Evaluation Results

Not Applicable

3. Fate & Transport Results

Not Applicable

4. Tier 1 Risk Evaluation

Not Applicable

5. Tier 2 Risk Evaluation

Not Applicable

I. TABLES

1. Soil Analytical Data

Table 1 Soil Analytical Data - Not Applicable

2. Potentiometric Data

Table 2 Potentiometric Data - Not Applicable

3. Laboratory Data

Table 3 Groundwater Laboratory Data - Not Applicable

4. Aquifer Characteristics

Table 4 Aquifer Characteristics - Not Applicable

5. Site Conceptual Model

Table 5 Site Conceptual Model - Not Applicable

J. FIGURES

1. Topographic Map

Figure 1 Topographic Map - Attached

2. Site Base Map

Figure 2 Site Base Map - Attached

3. CoC Site Maps

Figure 3 Soil CoC Map - Not Applicable

Figure 4 Groundwater CoC Map - Not Applicable

4. Site Potentiometric Maps

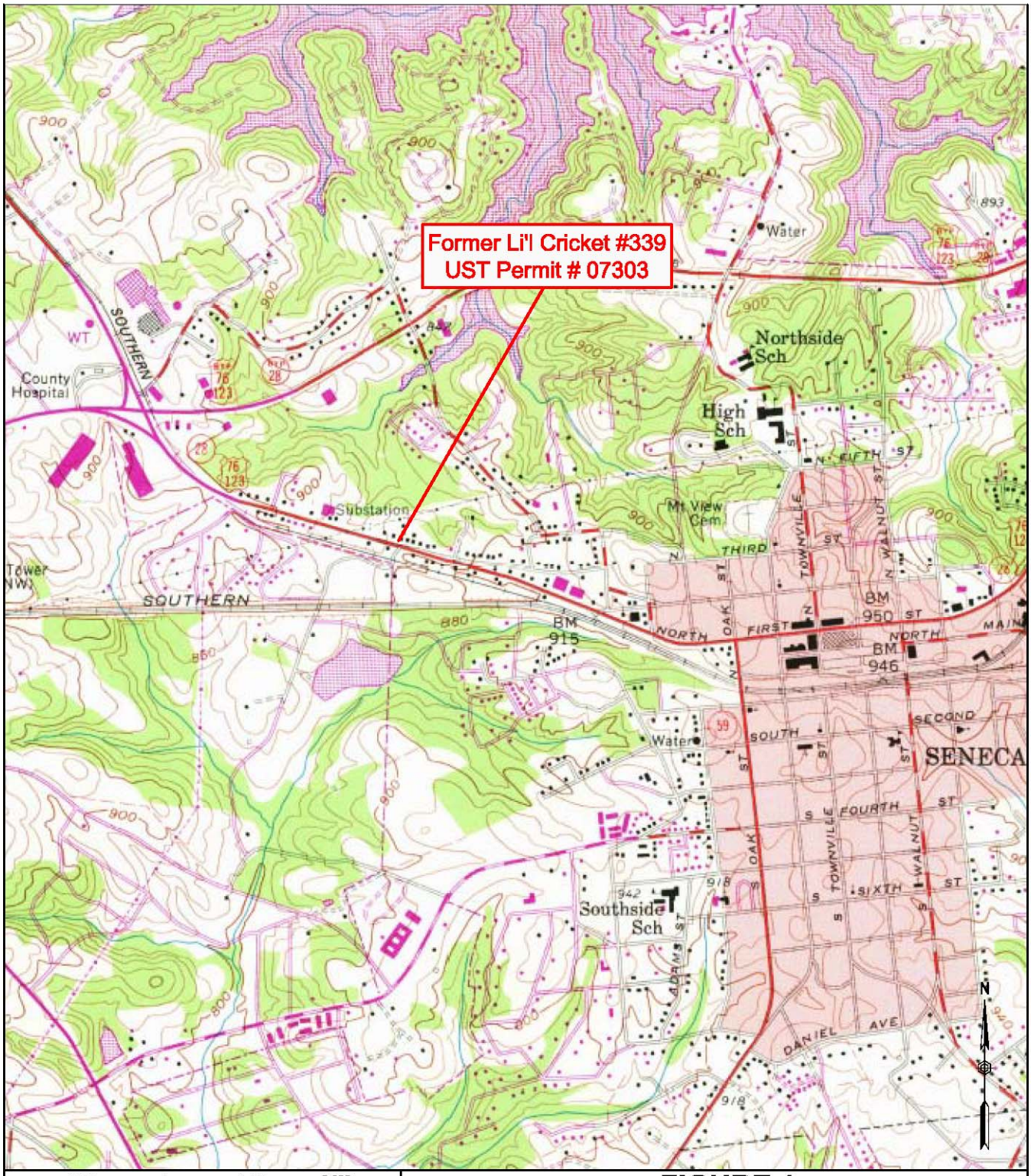
Figure 5 Site Potentiometric Map – Not Applicable

5. Geologic Cross Sections

Figure 6 Geologic Cross Sections - Not Applicable

6. Predicted Migration and Attenuation of CoCs

Figure 7 Predicted Migration and Attenuation of CoCs - Not Applicable



1,000 0 1,000 2,000
FEET

FIGURE 1
TOPOGRAPHIC MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, South Carolina

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SIZE	TERRY Project No.	DWG NO.	REV
B	2170G	Figure 1 Topo Map	

SCALE: As Shown

DATE: September 2014

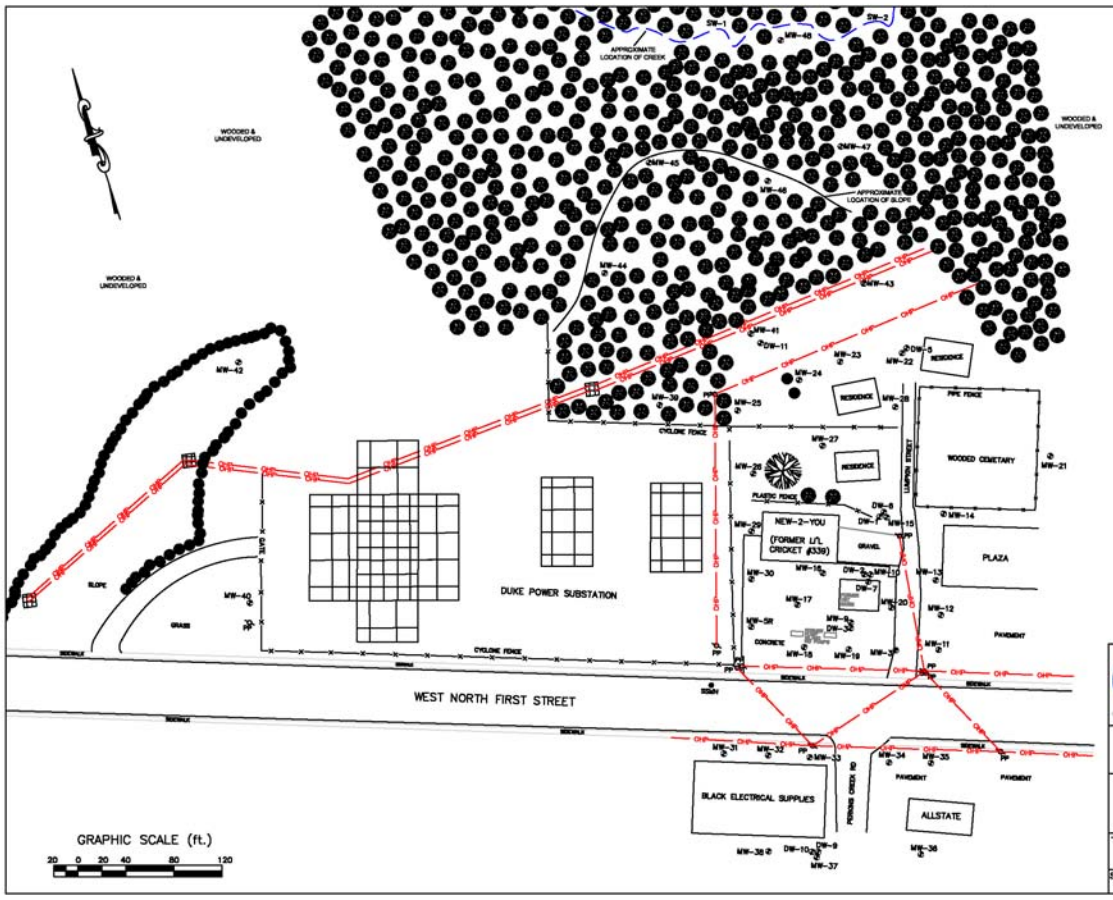

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FIGURE 2
SITE BASE MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, South Carolina

TERRY PROJECT #	SCDHEC SITE ID #
2170G	07303
SCALE 1" = 80'	DATE September 2014

K. APPENDICES

1. Appendix A: Site Survey

Not Applicable

2. Appendix B: Sampling Logs and Laboratory Data

Not Applicable

3. Appendix C: Tax Map

Not Applicable

4. Appendix D: Soil Boring/Field Screening Logs

Not Applicable

5. Appendix E: Well Completion Logs/SCDHEC 1903 Forms

Not Applicable

6. Appendix F: Aquifer Evaluation Forms

Not Applicable

7. Appendix G: Disposal Manifest

8. Appendix H: Local Zoning Regulations

Not Applicable

9. Appendix I: Fate and Transport Modeling Data

Not Applicable

10. Appendix J: Access Agreements

Not Applicable

11. Appendix K: Data Verification Checklist

APPENDIX A

Site Survey
(Not Applicable)

APPENDIX B

Sampling Logs and Laboratory Data
(Not Applicable)

APPENDIX C

Tax Map
(Not Applicable)

APPENDIX D

Soil Boring/Field Screening Logs
(Not Applicable)

APPENDIX E

Well Completion Logs/SCDHEC 1903 Forms
(Not Applicable)

APPENDIX F

Aquifer Evaluation Forms
(Not Applicable)

APPENDIX G

Disposal Manifest

US Water Recovery

Non-Hazardous Manifest: Waste Water or Drums Number:

1. Generator's EPA ID# (if applicable): Waste ID Number:

2. Generator's Name and Mailing Address:
Fr. Lil Cricket # 339
Seneca, SC
Phone ( ) P# 2170G
P O #: VST# 07303

3. Agent of Generator and Mailing Address:
Terry Environmental Services
Summerville, SC 29484
Phone (843) 873 8200
P O #: 25

4. Transporter Company Name: Goodsell Transport
511 old MT Holly Rd
Goose Creek SC 29445
Phone ( )
Truck & Trailer License Number:

5. Transporter U.S. EPA ID#:

6. Facility Name and Site Address:
US Water Recovery
511 Old Mt. Holly Rd.
Goose Creek, SC 29445
Phone: (843) 797-8674
Fax: (843) 797-2126

Mailing Address:
US Water Recovery
511 Old Mt. Holly Rd.
Goose Creek, SC 29445
Phone: (843) 797-3111
Fax: (843) 797-1884

7 Facility U.S. EPA ID#:

Start Level: End Level: Total Gallons: Tank Number

8. U.S. DOT Description	Container No.	Container Type	Unit	Quantity
a. Non-Hazardous, non-regulated waste water	103	VT	Gal	5000

9. Generator's Certification: I hereby declare that the contents of this consignment are not hazardous by definition or listing and are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina. I further certify that the contents of this consignment are as represented by the description contained on the Waste Profile Form previously submitted to and approved by the Designated Facility.

Printed/Typed Name: Signature: Date:

10. Transporter Acknowledgement of Receipt of Materials
Printed/Typed Name: Daniel Kinsman Signature: Date: 9/17/14

11. Discrepancy Indication space:

12. Facility Owner or Operator: Certification of Receipt of Materials
Printed/Typed Name: Dave Ware Signature: Date 9-17-14

White - Facility Yellow - Office Pink - Transporter Blue - Generator

10712

APPENDIX H

Local Zoning Regulations
(Not Applicable)

APPENDIX I

Fate and Transport Modeling Data
(Not Applicable)

APPENDIX J

Access Agreements
(Not Applicable)

APPENDIX K

Data Verification Checklist

Contractor Checklist – Former Li'l Cricket #339

UST Permit #07303 - TERRY Project #2170G

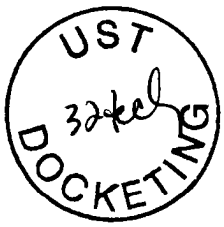
Item #	Item	Yes	No	N/A
1	Is Facility Name, Permit #, and address provided?	X		
2	Is UST Owner/Operator name, address, & phone number provided?	X		
3	Is name, address, & phone number of current property owner provided?	X		
4	Is the DHEC Certified UST Site Rehabilitation Contractor's Name, Address, telephone number, and certification number provided?	X		
5	Is the name, address, telephone number, and certification number of the well driller that installed borings/monitoring wells provided?			X
6	Is the name, address, telephone number, and certification number of the certified laboratory(ies) performing analytical analyses provided?			X
7	Has the facility history been summarized?	X		
8	Has the regional geology and hydrogeology been described?	X		
9	Are the receptor survey results provided as required?			X
10	Has current use of the site and adjacent land been described?	X		
11	Has the site-specific geology and hydrogeology been described?	X		
12	Has the primary soil type been described?	X		Sect. B3
13	Have field screening results been described?			X
14	Has a description of the soil sample collection and preservation been detailed?			X
15	Has the field screening methodology and procedure been detailed?			X
16	Has the monitoring well installation and development dates been provided?			X
17	Has the method of well development been detailed?			X
18	Has justification been provided for the locations of the monitoring wells?			X
19	Have the monitoring wells been labeled in accordance with the UST QAPP guidelines?	X		
20	Has the groundwater sampling methodology been detailed?			X
21	Have the groundwater sampling dates and groundwater measurements been provided?			X
22	Has the purging methodology been detailed?			X
23	Has the volume of water purged from each well been provided along with measurements to verify that purging is complete?			X
24	If free-product is present, has the thickness been provided?	X		
25	Does the report include a brief discussion of the assessment done and the results?	X		
26	Does the report include a brief discussion of the aquifer evaluation and results?			X
27	Does the report include a brief discussion of the fate & transport models used?			X
28	Are the site-conceptual model tables included? (Tier 1 Risk Evaluation)			X
29	Have the exposure pathways been analyzed? (Tier 2 Risk Evaluation)			X
30	Have the SSTLs for each compound and pathway been calculated? (Tier 2 Risk Evaluation)			X
31	Have recommendations for further action been provided and explained?	X		
32	Has the soil analytical data for the site been provided in tabular format? (Table 1)			X
33	Has the potentiometric data for the site been provided in tabular format? (Table 2)			X
34	Has the current and historical laboratory data been provided in tabular format?			X

Item #	Item	Yes	No	N/A
35	Have the aquifer characteristics been provided and summarized on the appropriate form?			X
36	Have the Site conceptual model tables been included? (Tier 1 Risk Evaluation)			X
37	Has the topographic map been provided with all required elements? (Figure 1)	X		
38	Has the site base map been provided with all required elements? (Figure 2)	X		
39	Have the CoC site maps been provided? (Figure 3 & Figure 4)			X
40	Has the site potentiometric map been provided? (Figure 5)			X
41	Have the geologic cross-sections been provided? (Figure 6)			X
42	Have maps showing the predicted migration of the CoCs through time been provided? (Tier 2 Risk Evaluation)			X
43	Has the site survey been provided and include all necessary elements? (Appendix A)			X
44	Have the sampling logs, chain of custody forms, and the analytical data package been included with all required elements? (Appendix B)			X
45	Is the laboratory performing the analyses properly certified?			X
46	Has the tax map been included with all necessary elements? (Appendix C)			X
47	Have the soil boring/field screening logs been provided? (Appendix D)			X
48	Have the well completion logs and SCDHEC Form 1903 been provided? (Appendix E)			X
49	Have the aquifer evaluation forms, data, graphs, equations, etc. been provided? (Appendix F)			X
50	Have the disposal manifests been provided? (Appendix G)	X		
51	Has a copy of the local zoning regulations been provided? (Appendix H)			X
52	Has all fate and transport modeling been provided? (Appendix I)			X
53	Have copies of all access agreements obtained by the contractor been provided? (Appendix J)			X
54	Has a copy of this form been attached to the final report and are explanations for any missing or incomplete data been provided?	X		

Explanation for missing and incomplete information?

Not Applicable for the current directive.

D H E C
PROMOTE PROTECT PROSPER
Catherine B. Templeton, Director
Promoting and protecting the health of the public and the environment



MR GORDON ZUBER
LIL CRICKET CONVENIENCE STORES INC
PO BOX 4551
SPARTANBURG SC 29305

OCT 0 8 2014

Re: Recovery well installation and AFVR directive
Former Li'l Cricket #339, 800 North West First Street, Seneca, SC
UST Permit #07303; CA #48997; MWA #UMW-25692
Release reported April 27, 1989
Oconee County

Dear Mr. Zuber:

The Underground Storage Tank (UST) Management Division of the South Carolina Department of Health and Environmental Control (Agency) recognizes your commitment to continue work at this site using Terry Environmental Services, Inc. The next appropriate remedial activity is to continue aggressive fluid and vapor recovery (AFVR) events to remove free-phase product and reduce petroleum chemicals of concern in the groundwater. To enhance the effectiveness of the events, please have your contractor install 4 four-inch recovery wells (RW) at the locations shown on the enclosed site map. The wells should be screened from 30 to 50 feet. Upon completion of the well installation, AFVR events should be conducted as follows: one 48-hour event on monitoring/recovery wells MW10, and the new RW installed nearby, and one 48-hour event on MW-20 and the new RW installed nearby. The RW installation and AFVR events must be conducted in accordance with Quality Assurance Program Plan (QAPP) Revision 2.0. A copy of QAPP Revision 2.0 is available at A copy of QAPP Revision 2.0 is available at http://www.scdhec.gov/environment/docs/QAPP_Rev-2_April2013.pdf.

Please notify the UST Management Division prior to commencing AFVR at the site. The stinger must be advanced to a target depth of 45 feet within the first 8 hours of each event. Thereafter, the stinger should be adjusted to achieve the highest vapor recovery while maintaining dewatering of the smear zone. Off–gas treatment will be necessary.

Cost Agreement (CA) #48997 has been approved in the amount shown on the enclosed cost agreement form for the RW installation and AFVR events. The necessary well installation approval is enclosed. Please note that all applicable South Carolina certification requirements apply to the well installation and report preparation. Further, all site rehabilitation activities must be performed and submitted by a South Carolina-Certified Underground Storage Tank Site Rehabilitation Contractor.

An assessment report and invoice are due within 90 days from the date of this letter. Your contractor may directly bill the State Underground Petroleum Environmental Response Bank (SUPERB) Account. If the invoice is not submitted within 120 days from the date of this letter, monies allocated to pay this invoice will be uncommitted. This means that the invoice will not

be processed for payment until all other committed funds are paid or monies become available. Sections 44-2-110(4) and 44-2-130 of the SUPERB Statute state that no costs will be allowed unless prior approval from the Agency is obtained. If for any reason additional tasks will be completed, these additional tasks and the associated cost must be pre-approved by the Agency for the cost to be paid. The Agency reserves the authority to pay only for work properly performed and/or technically justified and will only pay rates in accordance with established criteria. Further, the Agency reserves the right to question and/or reject costs if deemed unreasonable and the right to audit project records at any time during the project or after completion of work.

The UST Management Division grants pre-approval for transportation of petroleum-contaminated, investigative-derived waste (IDW) from the referenced site to a permitted treatment/disposal facility. The transport and disposal must be conducted in accordance with QAPP Revision 2.0.

On all correspondence concerning this facility, please reference UST Permit #07303. If there are any questions concerning this project, feel free to contact me by telephone at (803) 898-0655, by fax at (803) 898-0673, or by e-mail at padgetjp@dhec.sc.gov.

Sincerely,

Joel P. Padgett, P.G., Geologist/Hydrologist
Corrective Action Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

JPP/jpp
07303.ar1

enc: Approved cost agreement form
Site map
Monitoring well approval

cc: Terry Environmental Services, Inc., P.O. Box 25, Summerville, SC 29484 (w/enc)
Technical file (w/enc)

D H E C

PROMOTE PROTECT PROSPER

Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

Monitoring Well Approval

Approval is hereby granted to:	Terry Environmental Services, Inc.
(On behalf of):	Li'l Cricket Food Stores
Facility:	Former Li'l Cricket #339
UST Permit Number:	07303
County:	Oconee

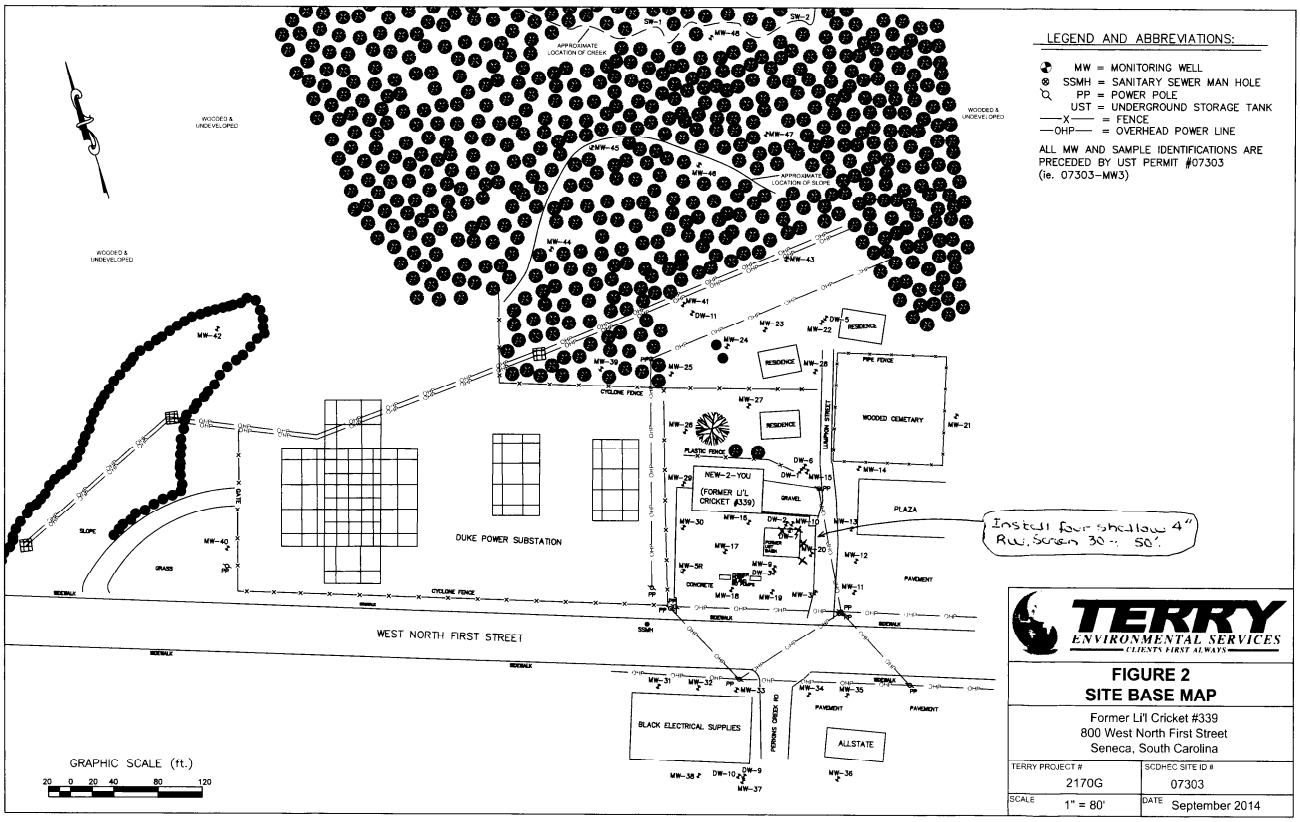
This approval is for the installation of four 4-inch recovery wells. The wells are to be installed in the approved locations in accordance with the South Carolina Well Standards, R.61-71, and the Quality Assurance Program Plan (QAPP) Revision 2.0 for the Underground Storage Tank Management Division. Please note that R.61-71 requires the following:

1. All wells shall be drilled, constructed, and abandoned by a South Carolina certified well driller per R.61-71.D.1.
2. All monitoring wells shall be labeled as required by R.61-71.H.2.c.
3. A Water Well Record Form or other form provided or approved by the South Carolina Department of Health and Environmental Control (Agency) shall be completed and submitted to the Agency within 30 days after well completion or abandonment unless another schedule has been approved by the Agency. The form should contain the "as-built" construction details and all other information required by R.61-71.H.1.f.
4. All analytical data and water levels obtained from each monitoring well shall be submitted to the Agency within 30 days of receipt of laboratory results unless another schedule has been approved by the Agency required by R.61-71.H.1.d.
5. If any of the information provided to the Agency changes, notification to Joel Padgett (tel: (803) 898-0655 or e-mail: padgetjp@dhec.sc.gov) shall be provided a minimum of twenty-four (24) hours prior to well construction as required by R.61-71.H.1.a.
6. All temporary monitoring wells shall be abandoned within 5 days of borehole completion using appropriate methods as required by R.61-71.H.4.c. All other wells shall be properly developed per R.61-71.H.2.d.
7. Agency approval is required prior to abandonment of all monitoring wells as required by R.61-71.H.1.a.

This approval is pursuant to the provisions of Section 44-55-40 of the 1976 South Carolina Code of Laws and R.61-71 of the South Carolina Well Standards and Regulations, dated April 26, 2002. A copy of this approval should be on the site during well installation.

Date of Issue: October 6, 2014 **Approval #:** UMW-25692

Joel P. Padgett, P.G., Geologist/Hydrologist
Corrective Action Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management


LEGEND AND ABBREVIATIONS:
MW = MONITORING WELL
SSMH = SANITARY SEWER MAN HOLE
PP = POWER POLE
UST = UNDERGROUND STORAGE TANK
—X— = FENCE
—OHP— = OVERHEAD POWER LINE
ALL MW AND SAMPLE IDENTIFICATIONS ARE PRECEDED BY UST PERMIT #07303
(ie. 07303-MW3)
WEST NORTH FIRST STREET
DUKE POWER SUBSTATION
NEW-2-YOU (FORMER LI'L CRICKET #339)
WOODED CEMETARY
BLACK ELECTRICAL SUPPLIES
ALLSTATE
RESIDENCE
PLAZA
PAVEMENT
GRAVEL
CONCRETE
GRASS
SLOPE
CYCLONE FENCE
PLASTIC FENCE
PIPE FENCE
LIMPSON STREET
PERKINS CREEK RD
APPROXIMATE LOCATION OF CREEK
APPROXIMATE LOCATION OF SLOPE
WOODED & UNDEVELOPED
Install four shallow 4" Rw, Screen 30'-50'.
GRAPHIC SCALE (ft.)
20 0 20 40 80 120
TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS
FIGURE 2
SITE BASE MAP
Former Li'l Cricket #339
800 West North First Street
Seneca, South Carolina
TERRY PROJECT # 2170G
SCDHEC SITE ID # 07303
SCALE 1" = 80'
DATE September 2014

Approved Cost Agreement 48997

Facility 07303 LIL CRICKET 339

PADGETJP

PO Number

Task / Description	Categories	Item Description	Qty / Pct	Unit Price	Amount
04 MOB/DEMOB					
		A1 EQUIPMENT	1 0000	1,020 00	1,020 00
		B1 PERSONNEL	2 0000	423 00	846.00
09 WELL INSTALLATION					
		HH RECOVERY WELL (4 INCH DIA)	200 0000	45.00	9,000 00
17 DISPOSAL					
		C1 SOIL TREATMENT DISPOSAL	4 0000	60.00	240 00
19 RPT/PROJECT MNGT & COORDINATIO					
		PRT REPORT PREPARATION	0 1200	29,676 25	3,561 15
23 EFR					
		A3 48 HOUR EVENT	2 0000	6,265 00	12,530 00
		C3 OFF GAS TREATMENT 48 HOUR	2 0000	327 00	654 00
		D SITE RECONNAISSANCE	1 0000	203 25	203 25
		F1 EFFLUENT DISPOSAL	10,000.0000	0 44	4,400 00
		G AFVR EQUIPMENT MOB	2 0000	391 50	783 00
			Total Amount		33,237 40

Document Receipt Information

☐ Hard Copy ☒ CD ☐ Email

Date Received 12/23/14

Permit Number 07303

Project Manager Joel Padgett

Name of Contractor TES

UST Certification Number

Docket Number 33 tecr

Scanned

AFVR Event Report

RECOVERY WELL INSTALLATION AND AGGRESSIVE FLUID VAPOR RECOVERY (AFVR) EVENTS REPORT
FORMER LI'L CRICKET #339
800 WEST NORTH FIRST STREET
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
CA #48997

Prepared For:

SCDHEC UNDERGROUND STORAGE TANK PROGRAM
2600 BULL ST.
COLUMBIA, SC 29201

Submitted By:

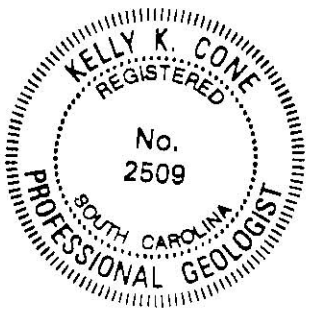
TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. BOX 25
SUMMERVILLE, SOUTH CAROLINA 29484
(843) 873-8200
Fax (843) 873-8765
www.terryenvironmental.com

UST CONTRACTOR #UCC-0223
TERRY PROJECT #2170H

KELLY K. CONE, PG
Vice President

JASON A. TERRY, PG
President



DECEMBER 2014

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A. INTRODUCTION

1. UST Facility and Owner/Operator Information

Facility Name (Permit #) : Former Li'l Cricket #339 (07303)
Facility Address: 800 West North First Street, Seneca, South Carolina 29678
Facility Telephone: n/a – Not Operating

Owner/ Operator Name: Li'l Cricket Convenience Stores (Mr. Jim Zuber)
Owner/ Operator Address: 112 Bay Tree Court, Inman, SC 29349
Owner/ Operator Telephone: 864-582-9699

2. Property Owner Information

Name: Thomas & Dorothy Glenn
Address: 800 West North First Street, Seneca, South Carolina 29678
Telephone: 864-710-8747

3. Contractor Information

Name: Terry Environmental Services, Inc.
Address: P.O. Box 25, Summerville, South Carolina 29484
Telephone: 843-873-8200
Certification: UCC-0223

4. Well Driller Information

Name: Geologic Exploration Services, Inc.
Address: 176 Commerce Blvd., Statesville, North Carolina 28625
Telephone: 704-872-7686
Certification: Nicholas Hayes (1983-C)

5. Laboratory Information

Not Applicable

6. Site History

Date Release Reported to SCDHEC: April 27, 1989
Estimated Quantity of Product Released: Unknown
Cause of Release: Unknown
Current use of Facility: Commercial property (Consignment store)

UST #	Product	Date Installed	Currently In Use (Yes or No)	If not in use, Date Removed
1 (4,000 gal)	Gasoline	Unknown	No	2/22/2000
2 (4,000 gal)	Gasoline	Unknown	No	2/22/2000
3 (4,000 gal)	Gasoline	Unknown	No	2/22/2000
4 (4,000 gal)	Kerosene	Unknown	No	2/22/2000

Other Releases at this site? Yes _____ No **XXXX**
If yes, Date Release Reported to SCDHEC n/a
Status of Release: **n/a**
No Further Action Date: n/a

7. Regional Geology and Hydrogeology

The Former Li'l Cricket #339 site is located in Seneca, SC which lies in the Western Piedmont Province of South Carolina approximately 20 miles to the southeast of the Brevard fault zone. The western piedmont is comprised of the Inner Piedmont block, the Smith River allochthon, and the Sauratwon Mountain window. The Inner Piedmont block encompasses the Inner Piedmont belt and the Chauga belt, and consists of a composite stack of thrust sheets containing a variety of gneisses, schists, amphibolites, sparse ultramafic bodies, and intrusive granitoids. (The Geology of the Carolinas, Horton & Zullo, 1991)

The Former Li'l Cricket #339 site is located in the Inner Piedmont Belt which consists of sillimanite-grade regional metamorphism that decreases in grade to the northwest towards Pickens. Generally, wells drilled to depths less than 250 feet in the rocks of the Inner Piedmont Belt of Pickens County yield one-half to 500 gallons per minute. The highest average yields were obtained from wells drilled in biotite granite gneiss and the lowest average yields were from wells drilled in hornblende gneiss. The average yield of all wells inventoried was 21 gallons per minute. (USGS/SCWRC Report 1: A Reconnaissance of the Water Resources of Pickens County, South Carolina, 1968)

B. RECEPTOR SURVEY & SITE DATA

1. Receptor Survey Results

A receptor survey was not conducted during this scope of work.

2. Current Site and Adjacent Land Use

Description of current site use (commercial, residential, rural, etc.):
Commercial; vacant

Description of adjacent land use (commercial, residential, rural, etc):
Commercial, residential, and Duke Power substation

UST sites within a 1,000-foot radius:
Unknown

The site is located at 800 West North First Street in Seneca, South Carolina. The site is bordered to the north by residential property, to the east by commercial property, to the south by West North First Street, and to the west by a Duke Power substation. Further to the south across West North First Street are commercial properties. The general site location is shown on the Topographic Map provided in Section J as Figure 1. A detailed Site Base Map originating from a comprehensive survey completed by Jay S. Joshi (SC Registered Land Surveyor #14811) of Construction Support Services, Inc. on October 8, 2008 is provided in Appendix 1 as Figure 2.

3. Site-Specific Geology and Hydrogeology

Based on the Tier II Assessment reported in March 2009, the general soil profile onsite consists of mostly clayey silt and sandy silt. Partially weathered rock and/or bedrock were encountered at depths ranging from approximately 28 feet to 45 feet below ground surface (bgs). The shallow aquifer was generally encountered between 40 and 47 feet bgs. During this scope of work, depth to groundwater was measured between 37 and 44 feet below top of casing in the recovery and influence wells gauged prior to the start of each event.

C. SOIL ASSESSMENT/FIELD SCREENING INFORMATION & METHODOLOGY

Not Applicable. No soil or groundwater borings were installed during this scope of work.

D. MONITORING WELL INFORMATION

1. Well Installation Details

The recovery well locations were specified by the SCDHEC UST Project Manager in the Recovery Well Installation and AFVR Directive dated October 8, 2014. On November 26, 2014, four (4) four-inch recovery wells (RW-1 through RW-4) were installed in accordance with the South Carolina Well Standards and Regulations. The wells were installed by Geologic Exploration using air rotary. Well Construction Logs are provided in Appendix E. The soil cuttings were initially stored in 55-gallon drums onsite. The soil cuttings were properly disposed of by JBR Environmental Services on December 12, 2014. The disposal manifest is provided in Appendix G.

2. Well Development Procedures

A clean purge pump with new, disposable tubing was utilized for developing the newly installed recovery wells. Development was considered complete once enough drilling mud and/or fluids were removed to provide relatively sediment-free groundwater that appeared typical of the aquifer. The well development water generated was disposed of via processing through a granular-activated-carbon (GAC) unit in accordance with the NPDES General Permit No. SCG830000.

3. Well Location Justification

The recovery wells (RW-1 through RW-4) were installed to aid in the extraction of source area contaminated groundwater during AFVR Events.

E. GROUNDWATER DATA

Not Applicable. No groundwater samples were collected during this scope of work.

F. AFVR INFORMATION

1. Scope of Work

As directed by SCDHEC, two (2) consecutive 48-hour continuous AFVR Events were performed; between December 8, 2014 and December 10, 2014 event one was conducted on monitoring well MW-10, RW-1, and RW-4; between December 10, 2014 and December 12, 2014 event two was conducted on monitoring/recovery wells MW-20, RW-2, and RW-3. TERRY Exploration Services, LLC performed the AFVR events under the supervision of TERRY Environmental Services, Inc.

2. AFVR Emissions Table

AFVR Emissions Table (Event 1) – Attached

AFVR Emissions Table (Event 2) – Attached

Extraction Well Stinger Depth Table (Event 1) – Attached

Extraction Well Stinger Depth Table (Event 2) – Attached

3. Vacuum Data Table

Vacuum Data Table (Event 1) – Attached

Vacuum Data Table (Event 2) – Attached

4. Volume of Water Recovered

1,900 gallons of fluid were recovered during the 48-hour event conducted December 8, 2014 through December 10, 2014. 2,100 gallons of fluid were recovered during the 48-hour event conducted December 10, 2014 through December 12, 2014. A total of 4,000 gallons of fluid were recovered during the two events.

5. Volume of Product Recovered

At the completion of the event no product was detected in the recovery tank. However, the AFVR process routinely emulsifies product which can take several hours to separate.

6. Mass of Petroleum Recovered as Vapor

43.69 pounds of volatile organic vapors (approximate equivalent of 6.99 gallons of gasoline) were recovered during the course of the 48-hour event conducted December 8, 2014 through December 10, 2014. 43.43 pounds of volatile organic vapors (approximate equivalent of 6.95 gallons of gasoline) were recovered during the course of the 48-hour event conducted December 10, 2014 through December 12, 2014. A total of 87.12 pounds of gasoline vapors

SECTION F-2A
AFVR EMISSIONS TABLE (EVENT 1)
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303

Date:	December 8-10, 2014											**Average Depth to Groundwater:**							37-44 ft.	
Site Name:	Former Li'l Cricket #339											**Describe Soil in Saturated Zone:**							Weathered Rock	
SCDHEC Site ID #:	07303											**Vacuum Contractor:**			TERRY Exploration Services, LLC					
Well ID #:	**MW-10, RW-1, RW-4**			**Blower Specification of the Vacuum Truck (CFM @ Hg):**								282 CFM @ 25" Hg								
DRY STANDARD CUBIC FEET PER MINUTE (DSCFM) CALCULATIONS (Qstd)												**EMISSION CALCULATION**								
		Vacuum	Velocity	Pipe Id	Temp.	Rel.Humid	PPM_{pre}	PPM_{post}	Reduction	Elapsed time	Flow	PPM_d	PPM_c	K	C_{cm}	C_c	PMR_c	PMR_h	PMR_g
Date	Time	(in. Hg)	(ft/min)	(in)	(F)	(%)	(ppm)	(ppm)	(%)	(min)	(DSCFM)				(mg/dsm^3)	(lb/dscf)	(lb/hr)	(lb/hr)	(gal/hr)
12/8/2014	13:00	15.0	1,145	3	106.5	26.3	2,431	162	93	0	47.77	2664.70	10658.80	4	5318.33	3.320E-04	0.95	1.10	0.18
12/8/2014	13:30	15.0	1,251	3	115.2	26.2	2,152	158	93	30	51.40	2358.88	9435.52	4	4707.96	2.939E-04	0.91	1.05	0.17
12/8/2014	14:00	15.0	1,002	3	121.3	25.1	2,453	142	94	60	40.74	2688.82	10755.26	4	5366.46	3.350E-04	0.82	0.95	0.15
12/8/2014	14:30	15.0	1,055	3	132.5	26.8	2,200	135	94	90	42.08	2411.49	9645.97	4	4812.97	3.005E-04	0.76	0.88	0.14
12/8/2014	15:00	15.0	1,123	3	136.1	27.2	2,330	157	93	120	44.52	2553.99	10215.96	4	5097.37	3.182E-04	0.85	0.98	0.16
12/8/2014	15:30	15.0	1,147	3	138.2	26.4	2,360	142	94	150	45.31	2586.88	10347.50	4	5163.00	3.223E-04	0.88	1.01	0.16
12/8/2014	16:00	15.0	1,085	3	141.4	27.6	2,455	200	92	180	42.64	2691.01	10764.03	4	5370.84	3.353E-04	0.86	0.99	0.16
12/8/2014	16:30	15.0	1,098	3	145.8	28.1	2,536	204	92	210	42.83	2779.79	11119.18	4	5548.04	3.464E-04	0.89	1.03	0.16
12/8/2014	17:00	15.0	1,141	3	149.3	28.3	2,500	168	93	240	44.26	2740.33	10961.34	4	5469.28	3.414E-04	0.91	1.05	0.17
12/8/2014	17:30	15.0	1,069	3	148.4	26.4	2,409	145	94	270	41.52	2640.59	10562.34	4	5270.20	3.290E-04	0.82	0.95	0.15
12/8/2014	18:00	15.0	1,111	3	148.6	28.7	2,355	155	93	300	43.14	2581.39	10325.58	4	5152.06	3.216E-04	0.83	0.96	0.15
12/8/2014	18:30	15.0	1,102	3	148.5	28.9	2,307	152	93	330	42.80	2528.78	10115.12	4	5047.05	3.151E-04	0.81	0.94	0.15
12/8/2014	19:00	15.0	1,145	3	148.2	29.3	2,600	230	91	360	44.49	2849.95	11399.79	4	5688.05	3.551E-04	0.95	1.10	0.18
12/8/2014	19:30	15.0	1,099	3	148.1	30.6	2,653	245	91	390	42.71	2908.04	11632.17	4	5804.00	3.623E-04	0.93	1.07	0.17
12/8/2014	20:00	15.0	1,152	3	148.5	30.7	2,660	251	91	420	44.74	2915.72	11662.86	4	5819.32	3.633E-04	0.98	1.13	0.18
12/8/2014	20:30	15.0	1,103	3	147.6	30.2	2,620	228	91	450	42.90	2871.87	11487.48	4	5731.81	3.578E-04	0.92	1.07	0.17
12/8/2014	21:00	15.0	1,144	3	147.8	31.5	2,587	246	90	480	44.48	2835.70	11342.79	4	5659.61	3.533E-04	0.94	1.09	0.17
12/8/2014	22:00	15.0	1,080	3	147.2	31.9	2,451	215	91	540	42.04	2686.62	10746.49	4	5362.08	3.348E-04	0.84	0.98	0.16
12/8/2014	23:00	15.0	1,064	3	146.8	30.6	2,506	229	91	600	41.44	2746.91	10987.64	4	5482.41	3.423E-04	0.85	0.98	0.16
12/9/2014	0:00	15.0	1,147	3	146.4	30.8	2,233	201	91	660	44.70	2447.67	9790.66	4	4885.16	3.050E-04	0.82	0.95	0.15
12/9/2014	8:00	15.0	1,112	3	145.5	29.6	2,241	198	91	1140	43.40	2456.44	9825.74	4	4902.67	3.061E-04	0.80	0.92	0.15
12/9/2014	9:00	15.0	1,095	3	146.2	28.5	2,430	195	92	1200	42.69	2663.60	10654.42	4	5316.14	3.319E-04	0.85	0.98	0.16
12/9/2014	10:00	15.0	1,099	3	148.8	29.1	2,081	187	91	1260	42.66	2281.05	9124.22	4	4552.63	2.842E-04	0.73	0.84	0.13
12/9/2014	11:00	15.0	1,056	3	149.2	27.5	2,115	181	91	1320	40.97	2318.32	9273.29	4	4627.01	2.889E-04	0.71	0.82	0.13
12/9/2014	12:00	15.0	1,149	3	149.3	27.3	2,006	193	90	1380	44.57	2198.84	8795.38	4	4388.55	2.740E-04	0.73	0.85	0.14
12/9/2014	13:00	15.0	1,127	3	149.6	28.4	2,154	182	92	1440	43.69	2361.07	9444.29	4	4712.33	2.942E-04	0.77	0.89	0.14
12/9/2014	15:00	15.0	1,132	3	149.8	26.3	2,203	185	92	1560	43.87	2414.78	9659.13	4	4819.53	3.009E-04	0.79	0.92	0.15
2/5/1900	17:00	15.0	1,105	3	149.3	28.6	1,999	171	91	1680	42.86	2191.17	8764.68	4	4373.24	2.730E-04	0.70	0.81	0.13
12/9/2014	19:00	15.0	1,155	3	149.1	27.5	1,849	176	90	1800	44.81	2026.75	8107.00	4	4045.08	2.525E-04	0.68	0.79	0.13
12/9/2014	21:00	15.0	1,065	3	148.5	29.3	1,905	165	91	1920	41.36	2088.13	8352.54	4	4167.59	2.602E-04	0.65	0.75	0.12
12/9/2014	23:00	15.0	1,225	3	147.2	28.6	1,745	158	91	2040	47.68	1912.75	7651.01	4	3817.56	2.383E-04	0.68	0.79	0.13
12/10/2014	0:00	15.0	1,059	3	147.2	30.1	1,655	153	91	2100	41.22	1814.10	7256.40	4	3620.67	2.260E-04	0.56	0.65	0.10
12/10/2014	8:00	15.0	1,101	3	147.6	28.9	1,821	159	91	2580	42.82	1996.06	7984.24	4	3983.83	2.487E-04	0.64	0.74	0.12
12/10/2014	10:00	15.0	1,025	3	148.5	27.5	1,562	161	90	2700	39.81	1712.16	6848.64	4	3417.21	2.133E-04	0.51	0.59	0.09
12/10/2014	12:00	15.0	1,062	3	149.3	28.1	1,491	166	89	2820	41.19	1634.34	6537.34	4	3261.88	2.036E-04	0.50	0.58	0.09
12/10/2014	13:00	15.0	1,154	3	150.1	27.3	1,487	152	90	2880	44.70	1629.95	6519.80	4	3253.13	2.031E-04	0.54	0.63	0.10
Average		15.0	1111	3.0	144.1	28.5	2210	182	92		43.45	2421.91	9687.63	4	4833.75	3.018E-04	0.79	0.91	0.15
Bws =	0.088	Bwsw:	0.06																	

Total Pounds of Carbon Recovered as Emissions: 37.76

Total Pounds of Gasoline Vapor Recovered as Emissions: 43.69

Total Gallons of Gasoline Recovered as Emissions: 6.99

(This Number Represents the Gallons Recovered via Vapors, Not Total Liquids)

SECTION F-2A
AFVR EMISSIONS TABLE (EVENT 2)
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303

Date:	December 10-12, 2014			**Average Depth to Groundwater:**	38-43 ft.
Site Name:	Former Li'l Cricket #339			**Describe Soil in Saturated Zone:**	Weathered Rock
SCDHEC Site ID #:	07303			**Vacuum Contractor:**	TERRY Exploration Services, LLC
Well ID #:	MW-20, RW-2, RW-3	**Blower Specification of the Vacuum Truck (CFM @ Hg):**		282 CFM @ 25" Hg	

DRY STANDARD CUBIC FEET PER MINUTE (DSCFM) CALCULATIONS (Qstd)												EMISSION CALCULATION						
		Vacuum	Velocity	Pipe Id	Temp.	Rel.Humid	PPM_{pre}	PPM_{post}	Reduction	Elapsed time	Flow	PPM_d	PPM_c	K	C_{cm}	C_c	PMR_c	PMR_g	PMR_g
Date	Time	(in. Hg)	(ft/min)	(in)	(F)	(%)	(ppm)	(ppm)	(%)	(min)	(DSCFM)				(mg/dsm^3)	(lb/dscf)	(lb/hr)	(lb/hr)	(gal/hr)
12/10/2014	13:30	18.0	1,075	3	141.6	25.3	1,571	100	94	0	42.23	1722.03	6888.10	4	3436.90	2.146E-04	0.54	0.63	0.10
12/10/2014	14:00	18.0	1,106	3	142.0	24.9	1,552	99	94	30	43.42	1701.20	6804.80	4	3395.33	2.120E-04	0.55	0.64	0.10
12/10/2014	14:30	18.0	1,054	3	146.9	24.8	1,479	89	94	60	41.04	1621.18	6484.73	4	3235.63	2.020E-04	0.50	0.58	0.09
12/10/2014	15:00	18.0	1,072	3	148.2	24.5	1,655	115	93	90	41.66	1814.10	7256.40	4	3620.67	2.260E-04	0.56	0.65	0.10
12/10/2014	15:30	18.0	1,131	3	149.2	25.1	1,701	120	93	120	43.88	1864.52	7458.09	4	3721.30	2.323E-04	0.61	0.71	0.11
12/10/2014	16:00	18.0	1,107	3	149.6	24.9	1,732	136	92	150	42.92	1898.50	7594.01	4	3789.12	2.366E-04	0.61	0.70	0.11
12/10/2014	16:30	18.0	1,115	3	150.0	26.4	1,715	134	92	180	43.20	1879.87	7519.48	4	3751.93	2.342E-04	0.61	0.70	0.11
12/10/2014	17:00	18.0	1,075	3	150.4	26.2	1,689	129	92	210	41.62	1851.37	7405.48	4	3695.05	2.307E-04	0.58	0.67	0.11
12/10/2014	17:30	18.0	1,093	3	149.3	26.8	1,433	96	93	240	42.39	1570.76	6283.04	4	3134.99	1.957E-04	0.50	0.58	0.09
12/10/2014	18:00	18.0	1,088	3	149.1	26.5	3,052	312	90	270	42.21	3345.40	13381.60	4	6676.90	4.168E-04	1.06	1.22	0.20
12/10/2014	18:30	18.0	1,071	3	148.5	26.8	2,894	325	89	300	41.60	3172.21	12688.84	4	6331.24	3.953E-04	0.99	1.14	0.18
12/10/2014	19:00	18.0	1,104	3	148.6	27.5	2,684	315	88	330	42.87	2942.02	11768.09	4	5871.82	3.666E-04	0.94	1.09	0.17
12/10/2014	19:30	18.0	1,085	3	147.4	27.4	1,654	155	91	360	42.22	1813.00	7252.02	4	3618.48	2.259E-04	0.57	0.66	0.11
12/10/2014	20:00	18.0	1,133	3	147.6	28.2	1,699	162	90	390	44.07	1862.33	7449.32	4	3716.92	2.320E-04	0.61	0.71	0.11
12/10/2014	20:30	18.0	1,110	3	147.0	28.3	1,705	161	91	420	43.22	1868.91	7475.63	4	3730.05	2.329E-04	0.60	0.70	0.11
12/10/2014	21:00	18.0	1,125	3	146.8	28.6	2,653	299	89	450	43.82	2908.04	11632.17	4	5804.00	3.623E-04	0.95	1.10	0.18
12/10/2014	21:30	18.0	1,089	3	146.3	27.3	2,615	285	89	480	42.45	2866.39	11465.56	4	5720.87	3.572E-04	0.91	1.05	0.17
12/10/2014	22:30	18.0	1,106	3	146.5	29.1	2,649	283	89	540	43.10	2903.66	11614.63	4	5795.25	3.618E-04	0.94	1.08	0.17
12/10/2014	23:30	18.0	1,081	3	145.9	28.9	2,584	216	92	600	42.16	2832.41	11329.64	4	5653.05	3.529E-04	0.89	1.03	0.17
12/11/2014	0:00	18.0	1,115	3	146.2	29.4	2,511	222	91	630	43.47	2752.39	11009.56	4	5493.35	3.429E-04	0.89	1.03	0.17
12/11/2014	8:00	18.0	1,132	3	145.8	30.1	2,620	264	90	1110	44.16	2871.87	11487.48	4	5731.81	3.578E-04	0.95	1.10	0.18
12/11/2014	9:00	18.0	1,104	3	147.2	29.6	2,587	251	90	1170	42.97	2835.70	11342.79	4	5659.61	3.533E-04	0.91	1.05	0.17
12/11/2014	10:00	18.0	1,160	3	148.3	26.0	2,544	264	90	1230	45.07	2788.56	11154.25	4	5565.54	3.475E-04	0.94	1.09	0.17
12/11/2014	11:00	18.0	1,051	3	148.5	24.3	2,415	271	89	1290	40.82	2647.16	10588.65	4	5283.33	3.298E-04	0.81	0.93	0.15
12/11/2014	12:00	18.0	1,125	3	149.6	23.2	2,298	285	88	1350	43.61	2518.91	10075.66	4	5027.36	3.139E-04	0.82	0.95	0.15
12/11/2014	13:00	18.0	1,132	3	149.8	26.6	2,466	231	91	1410	43.87	2703.07	10812.26	4	5394.90	3.368E-04	0.89	1.03	0.16
12/11/2014	13:30	18.0	1,149	3	150.1	26.4	2,498	227	91	1440	44.51	2738.14	10952.57	4	5464.91	3.412E-04	0.91	1.05	0.17
12/11/2014	15:30	18.0	1,145	3	150.2	25.8	2,522	245	90	1560	44.35	2764.45	11057.79	4	5517.41	3.445E-04	0.92	1.06	0.17
12/11/2014	17:30	18.0	1,116	3	149.5	26.4	2,588	236	91	1680	43.27	2836.79	11347.17	4	5661.80	3.535E-04	0.92	1.06	0.17
12/11/2014	19:30	18.0	1,093	3	148.5	27.5	2,465	225	91	1800	42.45	2701.97	10807.88	4	5392.71	3.367E-04	0.86	0.99	0.16
12/11/2014	21:30	18.0	1,034	3	148.2	28.2	2,387	228	90	1920	40.18	2616.47	10465.88	4	5222.07	3.260E-04	0.79	0.91	0.15
12/11/2014	23:30	18.0	1,065	3	147.8	28.8	2,605	216	92	2040	41.41	2855.43	11421.71	4	5698.99	3.558E-04	0.88	1.02	0.16
12/12/2014	0:00	18.0	1,044	3	146.8	30.9	2,515	205	92	2070	40.66	2756.78	11027.10	4	5502.10	3.435E-04	0.84	0.97	0.16
12/12/2014	8:00	18.0	1,111	3	148.4	28.6	2,209	213	90	2550	43.16	2421.36	9685.44	4	4832.66	3.017E-04	0.78	0.90	0.14
12/12/2014	10:00	18.0	1,099	3	148.6	27.4	2,256	208	91	2670	42.68	2472.88	9891.51	4	4935.48	3.081E-04	0.79	0.91	0.15
12/12/2014	12:00	18.0	1,120	3	149.2	26.8	2,231	199	91	2790	43.45	2445.47	9781.90	4	4880.79	3.047E-04	0.79	0.92	0.15
12/12/2014	13:30	18.0	1,102	3	149.9	23.2	2,108	193	91	2880	42.70	2310.65	9242.60	4	4611.70	2.879E-04	0.74	0.85	0.14
Average		18.0	1100	3.0	147.9	26.9	2231	208	91		42.78	2445.30	9781.18	4	4880.43	3.047E-04	0.78	0.90	0.14

Bws =	0.088	Bwsw:	0.06

Total Pounds of Carbon Recovered as Emissions: 37.54
Total Pounds of Gasoline Vapor Recovered as Emissions: 43.43
Total Gallons of Gasoline Recovered as Emissions: 6.95
(This Number Represents the Gallons Recovered via Vapors, Not Total Liquids)

AFVR Definitions and Equations

Qstd = (60 sec/min) (1- Bws) (velocity) (Pipe ID sq.ft.) [(528 oR / (Temp. + 460)] (Listed As Flow Above)

Bws = (B_{wsw} / 18 lb-mole H_2O) / [(1/28.84 lb-mole dry air) + B_{wsw} / 18 lb-mole H_2O)]

PPMd = (PPMw) / (1-Bws) PPMc = (PPM) (K)

Cc = Ccm (62.43 E -9 lb-m^3/mg-ft^3) PMRg = (PMRc) (Mg/Mcg)

Bgs = below top of casing

Bws = (B_{WSW} / 18 lb-mole H_2O) / [(1/28.84 lb-mole dry air) + B_{wsw} / 18 lb-mole H_2O)]

Qstd = (60 sec/min)(1-Bws)(V)(A)(Temp deg Rankin)

Bgs = below top of casing

Bws - water vapor % by volume

PPMpre = measured directly from Photo Ionization Detector (PID) pre-treatment

PPMpost = measured directly from PID post-treatment

Bwsw - pounds of water per pound of dry air, derived from the psychometric chart (temp Vs relative hum)

PPMw = PPM measured (wet Conc.)

K = # of carbons in calibration gas (isobutylene)

PPMc = PPMv, volumetric concentration of VOC emissions as carbon, dry basis, at STP

Ccm = mg/dsm^3, mass concentration of VOC emissions as carbon

Mc = 12.01 mg/mg-mole, molecular wt. of carbon

K_3 = 24.07 $dsm^3/10^6$ mg-mole, mass to volume conversion factor at stp

Cc = lb/dscf, mass concentration of VOC emissions as carbon, dry basis, at STP

PMRc = lb/hr, pollutant mass removal rate of VOC's as carbon

PMRg = lb/hr, pollutant mass removal rate of VOC's as gasoline

Mcg = 89 mg/mg-mole, weight of carbon in gasoline molecule

PPMd = "dry" concentration

Mg = 103 mg/mg-mole, molecular wt. of gasoline

Qstd - Flow at DSCFM

Ccm = PPMc (Mc/K_3)

PMRc = Cc (Qstd) (60 min/hr)

Reference:

North Carolina Department of Natural Resources, Division of Waste Management, Underground Storage Tank Section, Appendix B, Report Formats, April 2001.

SECTION F-2B
EXTRACTION WELL STINGER DEPTH TABLE (EVENT 1)
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
DECEMBER 8-10, 2014

Well #	MW-10, RW-1, RW-4
Elapsed Time	**Stinger Depth (ft)***
0	40.0
0.5	40.5
1	41.0
1.5	41.5
2	42.0
2.5	42.0
3	42.5
3.5	43.0
4	43.5
4.5	44.0
5	44.5
5.5	45.0
6	45.0
6.5	45.0
7	45.0
7.5	45.0
8	45.0
9	45.0
10	44.0
11	44.0
19	44.0
20	45.0
21	45.0
22	45.0
23	45.0
24	45.0
26	44.0
28	44.0
30	44.0
32	45.0
34	45.0
35	45.0
43	45.0
45	45.0
47	45.0
48	45.0

*Measured relative to the top of the well casing.

SECTION F-2B
EXTRACTION WELL STINGER DEPTH TABLE (EVENT 2)
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
DECEMBER 10-12, 2014

Well #	MW-20, RW-2, RW-3
Elapsed Time	**Stinger Depth (ft)***
0	40.0
0.5	40.5
1	41.0
1.5	41.5
2	42.0
2.5	42.5
3	43.0
3.5	43.5
4	44.0
4.5	44.5
5	45.0
5.5	45.0
6	45.0
6.5	45.0
7	44.0
7.5	44.0
8	44.0
9	45.0
10	45.0
10.5	45.0
18.5	45.0
19.5	45.0
20.5	45.0
21.5	45.0
22.5	45.0
23.5	45.0
24	45.0
26	45.0
28	45.0
30	44.0
32	44.0
34	44.0
34.5	45.0
42.5	45.0
44.5	45.0
46.5	45.0
48	45.0

*Measured relative to the top of the well casing.

SECTION F-3
VACUUM DATA TABLE (EVENT 1)
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
DECEMBER 8-10, 2014

Well #	MW-9	Well #	MW-13	Well #	MW-15
Elapsed Time	Vacuum (in H2O)	Elapsed Time	Vacuum (in H2O)	Elapsed Time	Vacuum (in H2O)
0	0.0	0	0.0	0	0.3
0.5	0.0	0.5	0.7	0.5	0.3
1	0.0	1	1.2	1	0.3
1.5	0.1	1.5	1.5	1.5	0.3
2	0.1	2	1.5	2	0.3
2.5	0.1	2.5	1.5	2.5	0.3
3	0.3	3	1.6	3	0.5
3.5	0.3	3.5	1.8	3.5	0.5
4	0.3	4	1.8	4	0.7
4.5	0.4	4.5	1.8	4.5	0.7
5	0.4	5	2.1	5	0.7
5.5	0.4	5.5	2.1	5.5	0.7
6	0.4	6	2.1	6	0.7
6.5	0.4	6.5	2.1	6.5	0.7
7	0.4	7	2.1	7	0.7
7.5	0.4	7.5	2.1	7.5	0.7
8	0.4	8	2.1	8	0.7
9	0.4	9	2.1	9	0.7
10	0.4	10	2.1	10	0.7
11	0.4	11	2.1	11	0.7
19	0.4	19	2.1	19	0.7
20	0.4	20	2.1	20	0.7
21	0.4	21	2.1	21	0.7
22	0.4	22	2.1	22	0.7
23	0.4	23	2.1	23	0.7
24	0.4	24	2.1	24	0.7
26	0.4	26	2.1	26	0.7
28	0.4	28	2.1	28	0.7
30	0.4	30	2.1	30	0.7
32	0.4	32	2.1	32	0.7
34	0.4	34	2.1	34	0.7
35	0.4	35	2.1	35	0.7
43	0.4	43	2.1	43	0.7
45	0.4	45	2.1	45	0.7
47	0.4	47	2.1	47	0.7
48	0.4	48	2.1	48	0.7

SECTION F-3
VACUUM DATA TABLE (EVENT 2)
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
DECEMBER 10-12, 2014

Well #	MW-3	Well #	MW-10	Well #	MW-13
Elapsed Time	Vacuum (in H2O)	Elapsed Time	Vacuum (in H2O)	Elapsed Time	Vacuum (in H2O)
0	0.4	0	0.5	0	1.2
0.5	0.8	0.5	0.5	0.5	1.4
1	1.0	1	0.6	1	1.8
1.5	1.3	1.5	0.7	1.5	2.1
2	1.5	2	0.9	2	2.5
2.5	1.7	2.5	1.0	2.5	2.6
3	1.9	3	1.2	3	2.6
3.5	1.9	3.5	1.5	3.5	2.6
4	2.0	4	1.6	4	2.6
4.5	2.0	4.5	1.6	4.5	2.6
5	2.0	5	1.6	5	2.6
5.5	2.0	5.5	1.6	5.5	2.6
6	2.0	6	1.6	6	2.6
6.5	2.0	6.5	1.6	6.5	2.6
7	2.0	7	1.6	7	2.6
7.5	2.0	7.5	1.6	7.5	2.6
8	2.0	8	1.6	8	2.6
9	2.0	9	1.6	9	2.6
10	2.0	10	1.6	10	2.6
10.5	2.0	10.5	1.6	10.5	2.6
18.5	2.0	18.5	1.6	18.5	2.6
19.5	2.0	19.5	1.6	19.5	2.6
20.5	2.0	20.5	1.6	20.5	2.6
21.5	2.0	21.5	1.6	21.5	2.6
22.5	2.0	22.5	1.6	22.5	2.6
23.5	2.0	23.5	1.6	23.5	2.6
24	2.0	24	1.6	24	2.6
26	2.0	26	1.6	26	2.6
28	2.0	28	1.6	28	2.6
30	2.0	30	1.6	30	2.6
32	2.0	32	1.6	32	2.6
34	2.0	34	1.6	34	2.6
34.5	2.0	34.5	1.6	34.5	2.6
42.5	2.0	42.5	1.6	42.5	2.6
44.5	2.0	44.5	1.6	44.5	2.6
46.5	2.0	46.5	1.6	46.5	2.6
48	2.0	48	1.6	48	2.6

(approximate equivalent of 13.94 gallons of gasoline) were recovered as emissions during the three events. Off-gas treatment was provided during the events as directed by the SCDHEC Project Manager.

7. Free Product Thickness Table

Free Product Thickness Table (Event 1) – Attached

Free Product Thickness Table (Event 2) – Attached

8. AFVR Event Map

Figure F-8 AFVR Map (Event 1) – Attached

Figure F-8 AFVR Map (Event 2) - Attached

9. Recovery Water Disposal

The disposal manifest for the recovery water generated during the December 8-10, 2014 and December 10-12, 2014 AFVR Events are included in Appendix G.

SECTION F-7
FREE PRODUCT THICKNESS TABLE (EVENT 1)
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
DECEMBER 8-10, 2014

Well #	--	Depth to Product	Depth to Water	Product Thickness
MW-10	Initial	n/a	41.41	n/a
	Final	n/a	42.55	n/a
RW-1	Initial	n/a	41.20	n/a
	Final	n/a	41.60	n/a
RW-4	Initial	n/a	40.65	n/a
	Final	n/a	42.76	n/a
MW-9	Initial	n/a	37.60	n/a
	Final	n/a	37.76	n/a
MW-13	Initial	n/a	42.81	n/a
	Final	n/a	42.87	n/a
MW-15	Initial	n/a	44.42	n/a
	Final	n/a	44.44	n/a

SECTION F-7
FREE PRODUCT THICKNESS TABLE (EVENT 2)
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
DECEMBER 10-12, 2014

Well #	--	Depth to Product	Depth to Water	Product Thickness
MW-20	Initial	n/a	40.81	n/a
	Final	n/a	43.44	n/a
RW-2	Initial	n/a	40.93	n/a
	Final	n/a	43.51	n/a
RW-3	Initial	n/a	40.46	n/a
	Final	n/a	43.45	n/a
MW-3	Initial	n/a	38.93	n/a
	Final	n/a	39.26	n/a
MW-10	Initial	n/a	41.65	n/a
	Final	n/a	41.95	n/a
MW-13	Initial	n/a	42.80	n/a
	Final	n/a	42.48	n/a

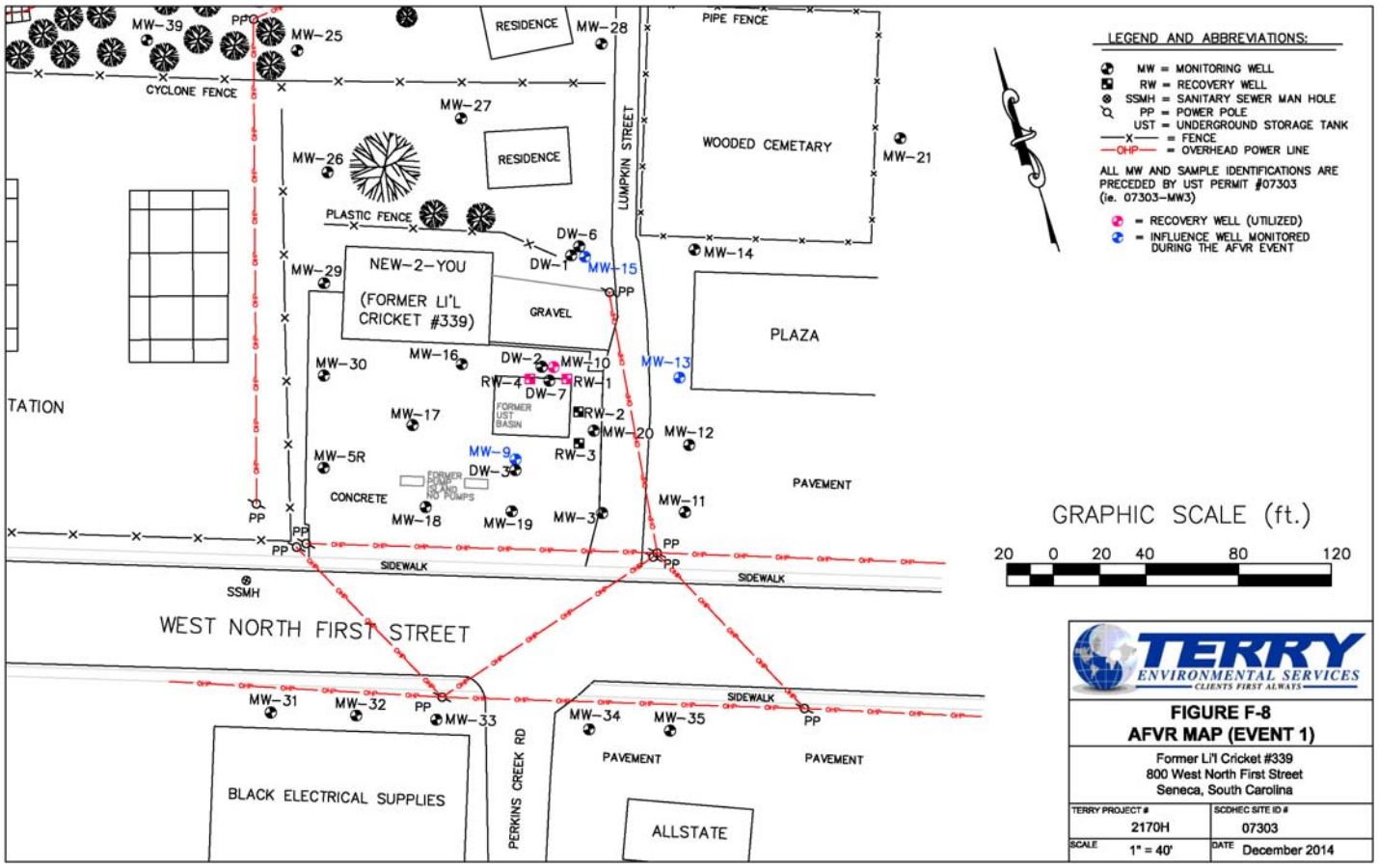

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FIGURE F-8
AFVR MAP (EVENT 1)

Former Li'l Cricket #339
800 West North First Street
Seneca, South Carolina

TERRY PROJECT #	SCDHEC SITE ID #
2170H	07303
SCALE 1" = 40'	DATE December 2014

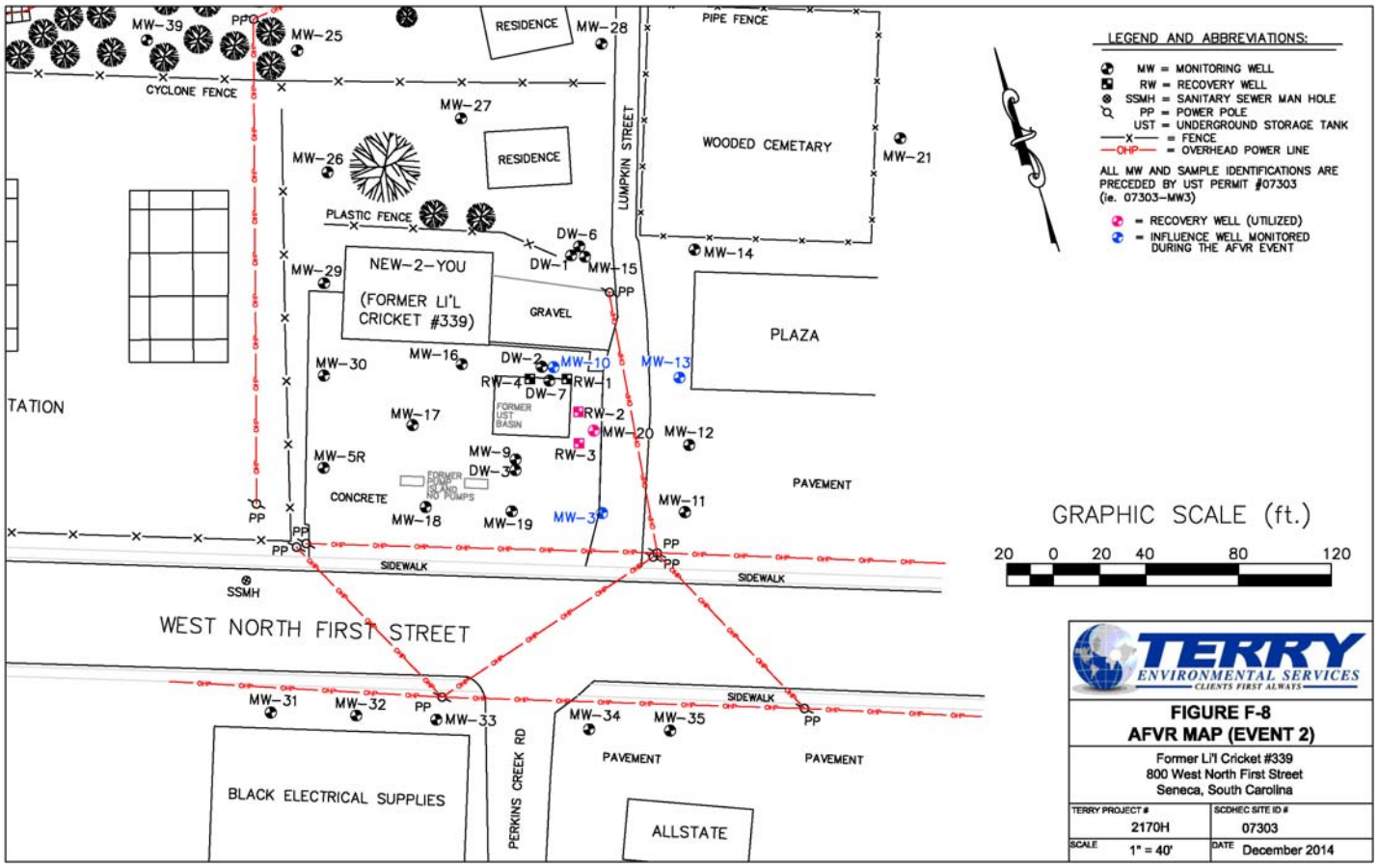

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FIGURE F-8
AFVR MAP (EVENT 2)

Former Li'l Cricket #339
800 West North First Street
Seneca, South Carolina

TERRY PROJECT #	SCDHEC SITE ID #
2170H	07303
SCALE 1" = 40'	DATE December 2014

G. GRANULATED ACTIVATED CARBON INSTALLATION

Not Applicable. No granulated activated carbon units were installed during this scope of work.

H. RESULTS & DISCUSSION

1. Assessment Results

During this scope of work, TERRY installed four recovery wells and conducted two subsequent 48-hour AFVR events in accordance with the SCDHEC UST QAPP, Revision 2.0.

On November 26, 2014, four (4) four-inch recovery wells (RW-1 through RW-4) were installed in the source area as directed by the SCDHEC Project Manager. Subsequently two (2) separate 48-hour AFVR events were performed consecutively at the subject site December 8, 2014 through December 12, 2014. Prior to and upon completion of the two events, no free-phase product was measured in the recovery or influence wells. A total of 87.12 pounds of gasoline vapors (approximate equivalent of 13.94 gallons of gasoline) were recovered as emissions during the events.

The AFVR event was successful at recovering contaminant mass and exposing the free product smear zone to vacuum. As such, it is recommended to conduct two additional 48-hour AFVR events on the monitoring/recovery well network in the source area.

2. Aquifer Evaluation Results

Not Applicable

3. Fate & Transport Results

Not Applicable

4. Tier 1 Risk Evaluation

Not Applicable

5. Tier 2 Risk Evaluation

Not Applicable

I. TABLES

1. Soil Analytical Data

Table 1 Soil Analytical Data - Not Applicable

2. Potentiometric Data

Table 2 Potentiometric Data - Not Applicable

3. Laboratory Data

Table 3 Groundwater Laboratory Data - Not Applicable

4. Aquifer Characteristics

Table 4 Aquifer Characteristics - Not Applicable

5. Site Conceptual Model

Table 5 Site Conceptual Model - Not Applicable

J. FIGURES

1. Topographic Map

Figure 1 Topographic Map - Attached

2. Site Base Map

Figure 2 Site Base Map - Attached

3. CoC Site Maps

Figure 3 Soil CoC Map - Not Applicable

Figure 4 Groundwater CoC Map - Not Applicable

4. Site Potentiometric Maps

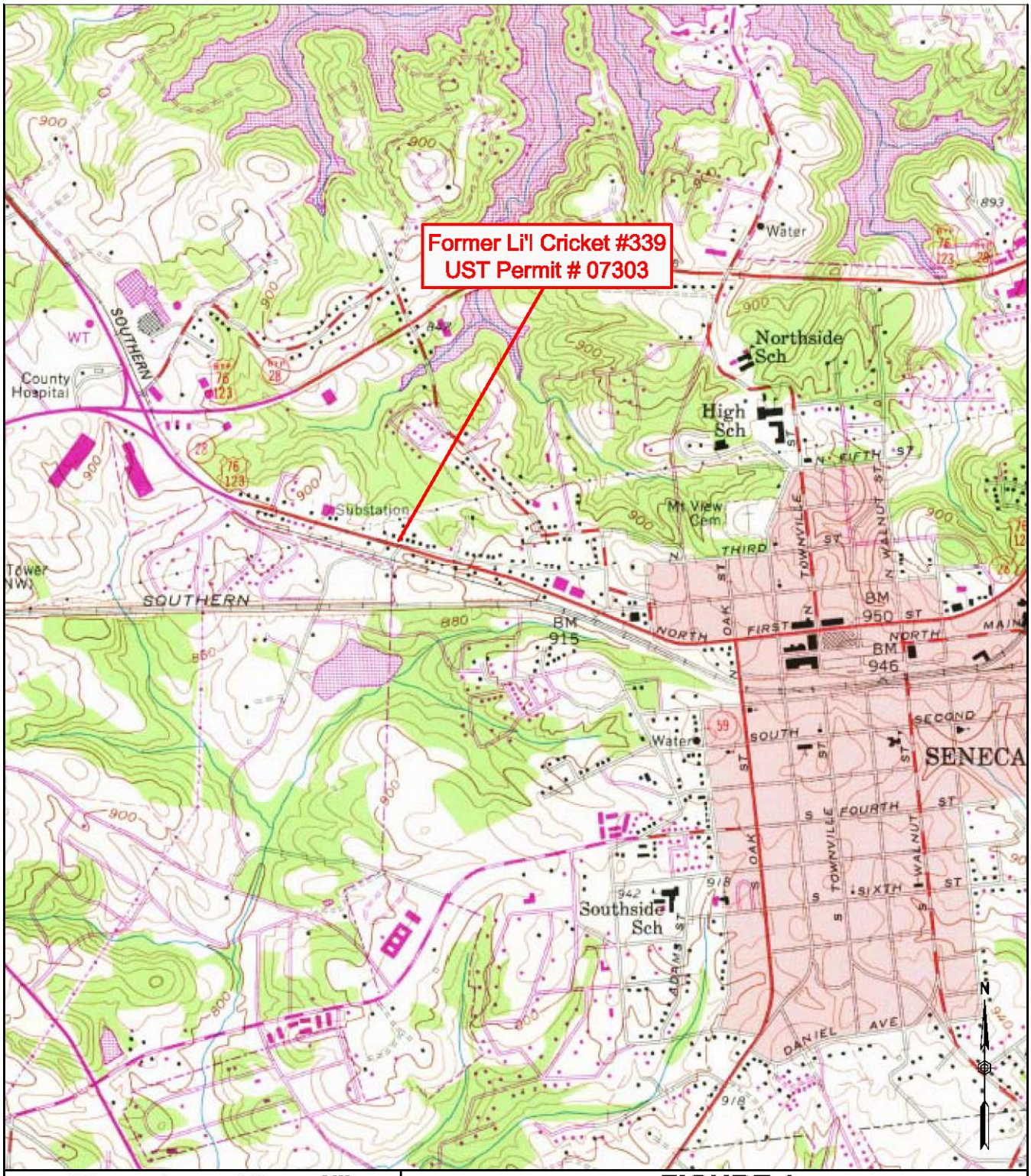
Figure 5 Site Potentiometric Map – Not Applicable

5. Geologic Cross Sections

Figure 6 Geologic Cross Sections - Not Applicable

6. Predicted Migration and Attenuation of CoCs

Figure 7 Predicted Migration and Attenuation of CoCs - Not Applicable



1,000 0 1,000 2,000
FEET

FIGURE 1
TOPOGRAPHIC MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, South Carolina

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... providing our clients with the best services available, actually understanding our clients objectives, and making their obectives our own!

PO Box 25
Summerville, South Carolina 29484
(800) 325-0605 (843)-873-8200 fax: (843)-873-8765

SIZE	TERRY Project No.	DWG NO.	REV
B	2170H	Figure 1 Topo Map	

SCALE: As Shown

DATE: December 2014

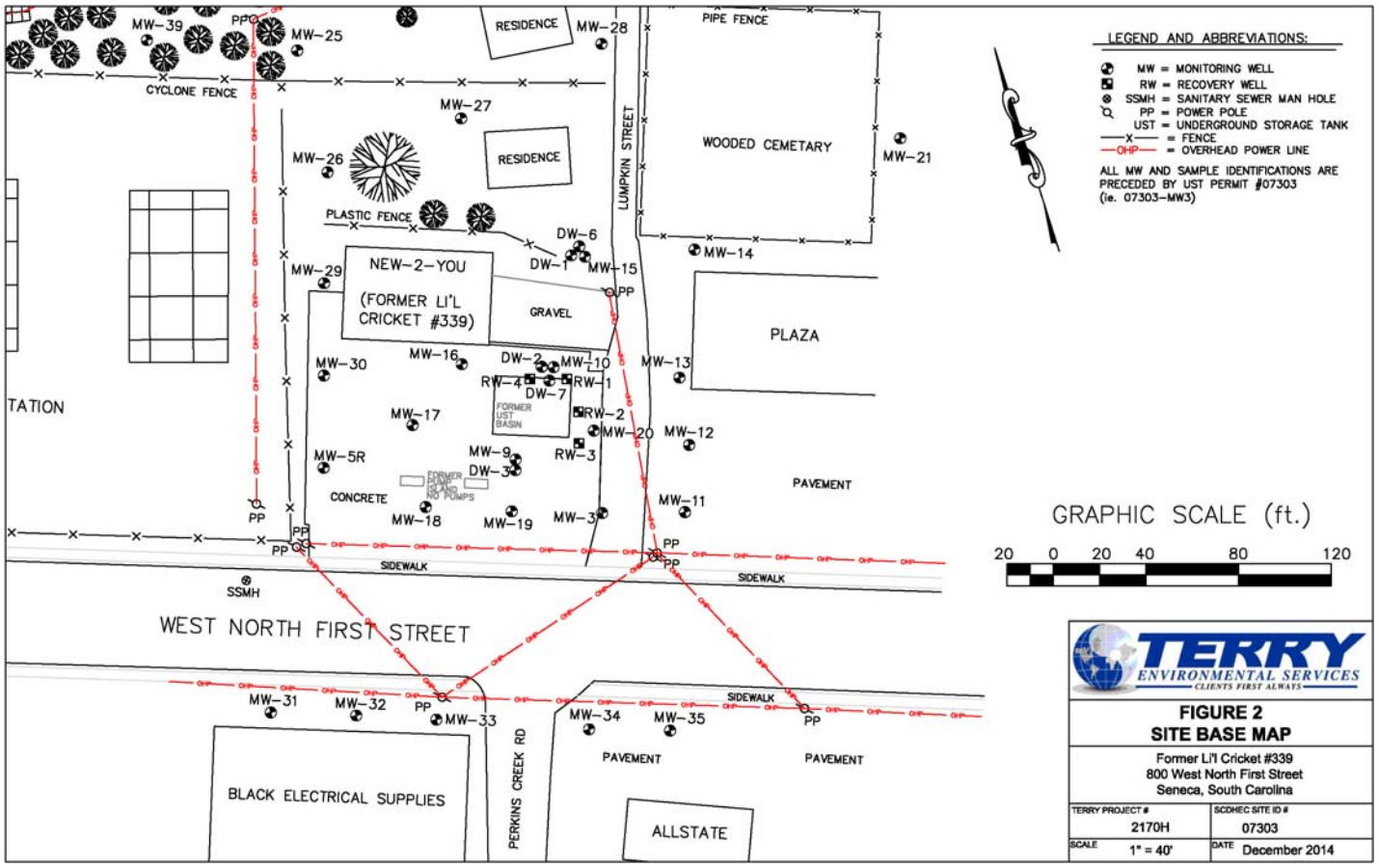

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FIGURE 2
SITE BASE MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, South Carolina

TERRY PROJECT #	SCDHEC SITE ID #
2170H	07303
SCALE 1" = 40'	DATE December 2014

K. APPENDICES

1. Appendix A: Site Survey

Not Applicable

2. Appendix B: Sampling Logs and Laboratory Data

Not Applicable

3. Appendix C: Tax Map

Not Applicable

4. Appendix D: Soil Boring/Field Screening Logs

Not Applicable

5. Appendix E: Well Completion Logs/SCDHEC 1903 Forms

6. Appendix F: Aquifer Evaluation Forms

Not Applicable

7. Appendix G: Disposal Manifests

8. Appendix H: Local Zoning Regulations

Not Applicable

9. Appendix I: Fate and Transport Modeling Data

Not Applicable

10. Appendix J: Access Agreements

Not Applicable

11. Appendix K: Data Verification Checklist

APPENDIX A

Site Survey
(Not Applicable)

APPENDIX B

Sampling Logs and Laboratory Data
(Not Applicable)

APPENDIX C

Tax Map
(Not Applicable)

APPENDIX D

Soil Boring/Field Screening Logs
(Not Applicable)

APPENDIX E

Well Completion Logs/SCDHEC 1903 Forms

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WELL LOG

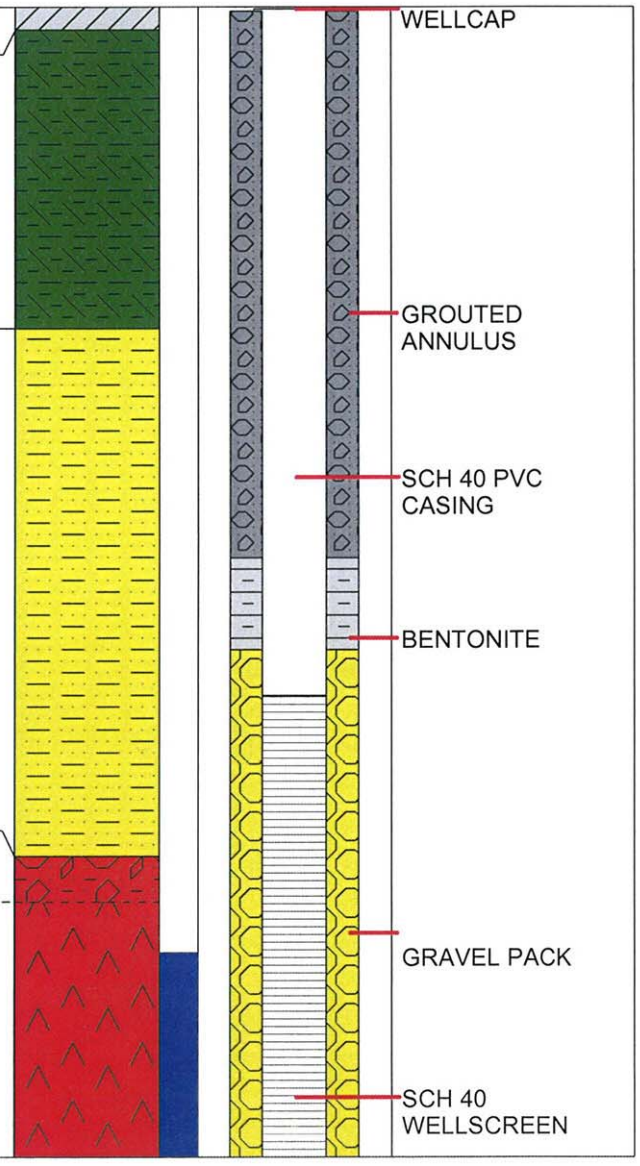
MONITORING WELL #: RW-1
TERRY PROJECT #: 2170H
PROJECT LOCATION: Seneca, SC

TERRY PROJECT: Former Li'l Cricket #339
SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: John Kerr
START DATE: 11/26/2014 FINISH DATE: 11/26/2014
DRILLING COMPANY: Geologic Exploration
DRILLER: Nicholas Hayes (CERT# 1983C)
DRILLING METHOD: Air

HOLE DIAMETER: 8"
CASING DIAMETER: 4"
SCREEN DIAMETER: 4"
TOP OF CASING ELEVATION: 0
WATER LEVEL: 41.22 ft bgs
EASTING: 679.7258
NORTHING: 684.8534
DEVELOPMENT: Pumping/Surging

Casing Interval 0-30.1 ft bgs Bentonite Interval 24-28 ft bgs Filter Interval 28-50.1 ft bgs
Screen Interval 30.1-50.1 ft bgs Grout Interval 0-24 ft bgs Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology	Water Level
0	1	1	N/A	1	CONCRETE: Concrete	
					CLAYEY SILT: Red brown clayey silt, high density, low plasticity	
5	1	1	0.0	1		
	1	1	N/A	1		
10	1	1	0.1	1		
	1	1	N/A	1		
15	1	1	0.2	1	SANDY SILT: Grey brown coarse grained sandy silt	
	1	1	N/A	1		
20	1	1	0.5	1		
	1	1	N/A	1		
25	1	1	1.1	1		
	1	1	N/A	1		
30	1	1	14.7	1		
	1	1	N/A	2		
35	1-2	1-2	693	3		
	2	2	N/A	3	WEATHERED ROCK: Weathered Rock	
40					BEDROCK: Bedrock	
45						
50						



Total Depth = 50.1 ft bgs

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WELL LOG

MONITORING WELL #: RW-2
TERRY PROJECT #: 2170H
PROJECT LOCATION: Seneca, SC

TERRY PROJECT: Former Li'l Cricket #339
SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: John Kerr
START DATE: 11/26/2014 FINISH DATE: 11/26/2014
DRILLING COMPANY: Geologic Exploration
DRILLER: Nicholas Hayes (CERT# 1983C)
DRILLING METHOD: Air

HOLE DIAMETER: 8"
CASING DIAMETER: 4"
SCREEN DIAMETER: 4"
TOP OF CASING ELEVATION: 0
WATER LEVEL: 40.7 ft bgs
EASTING: 684.8534
NORTHING: 1134.2836
DEVELOPMENT: Pumping/Surging

Casing Interval 0-30.1 ft bgs Bentonite Interval 24-28 ft bgs Filter Interval 28-50.1 ft bgs
Screen Interval 30.1-50.1 ft bgs Grout Interval 0-24 ft bgs Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology	Water Level	Well Construction
0	1		N/A	1	CONCRETE: Concrete		WELLCAP
					CLAYEY SILT: Red brown clayey silt, high density, low plasticity		
5	1		0.0	1			
	1		N/A	1			
10	1		0.0	1			GROUTED ANNULUS
	1		N/A	1			
15	1		0.1	1			
	1		N/A	1	SANDY SILT: Grey brown coarse grained sandy silt		
20	1		8.7	1			SCH 40 PVC CASING
	1		N/A	1			
25	1		1.4	1			
	1		N/A	1			
30	1		44.3	1			BENTONITE
	1		N/A	2			
35	1-2		912	3			
	2		N/A	3			
40					WEATHERED ROCK: Weathered rock		GRAVEL PACK
					BEDROCK: Bedrock		
45							
50							SCH 40 WELLSCREEN

Total Depth = 50.1 ft bgs

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WELL LOG

MONITORING WELL #: RW-3
TERRY PROJECT #: 2170H
PROJECT LOCATION: Seneca, SC

TERRY PROJECT: Former Li'l Cricket #339
SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: John Kerr
START DATE: 11/26/2014 FINISH DATE: 11/26/2014
DRILLING COMPANY: Geologic Exploration
DRILLER: Nicholas Hayes (CERT# 1983C)
DRILLING METHOD: Air

HOLE DIAMETER: 8"
CASING DIAMETER: 4"
SCREEN DIAMETER: 4"
TOP OF CASING ELEVATION: 0
WATER LEVEL: 40.1 ft bgs
EASTING: 684.8534
NORTHING: 1120.4011
DEVELOPMENT: Pumping/Surging

Casing Interval 0-30.2 ft bgs Bentonite Interval 24-28 ft bgs Filter Interval 28-50.2 ft bgs
Screen Interval 30.2-50.2 ft bgs Grout Interval 0-24 ft bgs Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology	Water Level	Well Construction
0	1	1	N/A	1	CONCRETE: Concrete		WELLCAP
		1	0.0	1	CLAYEY SILT: Red brown clayey silt, high density, low plasticity		
5		1	N/A	1			
		1	0.1	1			
10		1	N/A	1			
					SANDY SILT: Grey brown coarse grained sandy silt		GROUTED ANNULUS
		1	0.3	1			
15		1	N/A	1			
		1	0.0	1			
20		1	N/A	1			SCH 40 PVC CASING
		1	1.1	1			
25		1	N/A	1			BENTONITE
		1	527	1			
30		1	N/A	2			
		1-2	782	3			
35		2	N/A	3	WEATHERED ROCK: Weathered rock		
					BEDROCK: Bedrock		GRAVEL PACK
40							
45							SCH 40 WELLSCREEN
50							

Total Depth = 50.2 ft bgs

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WELL LOG

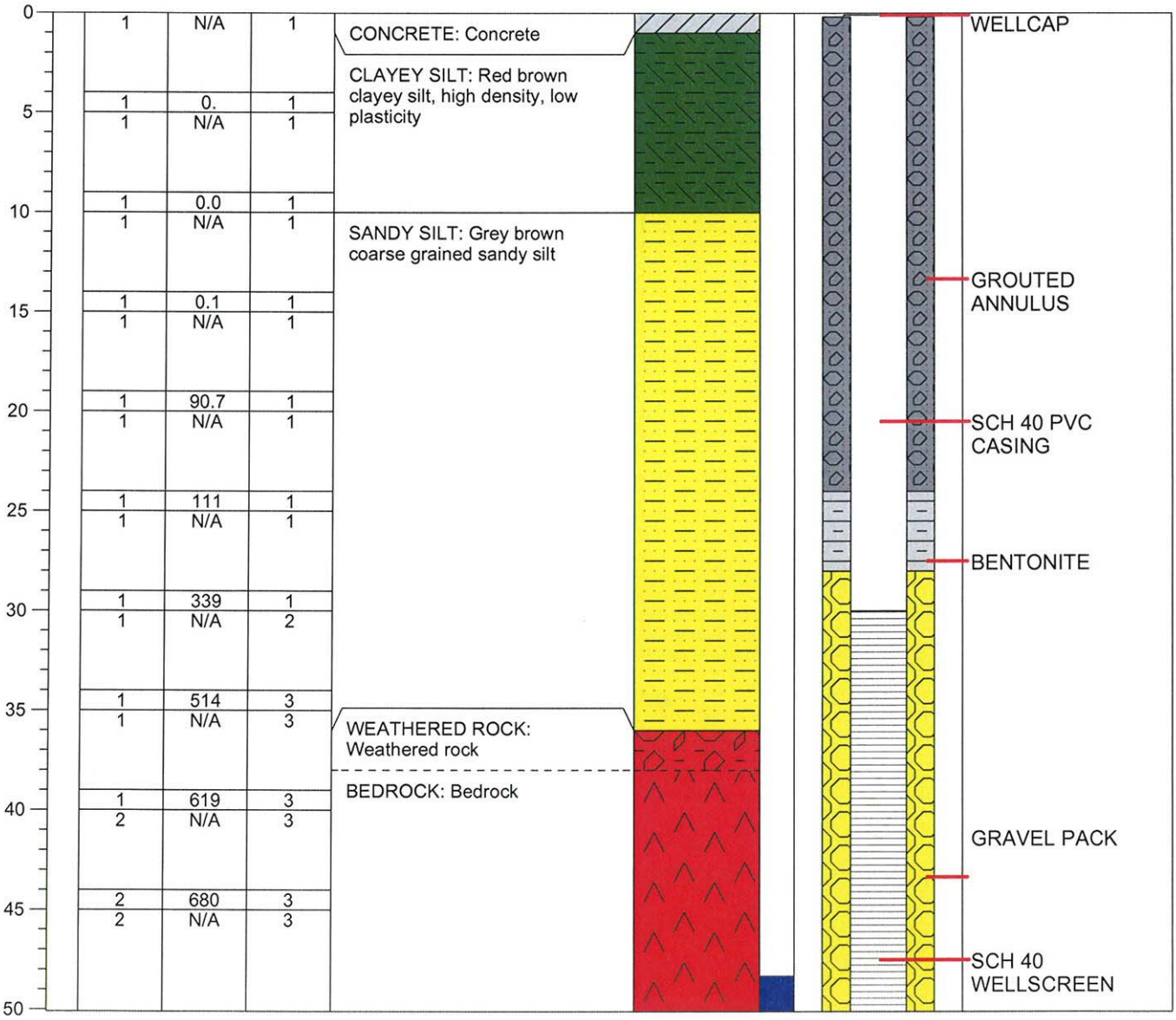
MONITORING WELL #: RW-4
TERRY PROJECT #: 2170H
PROJECT LOCATION: Seneca, SC

TERRY PROJECT: Former Li'l Cricket #339
SITE ID #: 07303
CLIENT: Li'l Cricket Food Stores
FIELD PERSONNEL: JOHN KERR
START DATE: 11/26/2014 FINISH DATE: 11/26/2014
DRILLING COMPANY: Geologic Exploration
DRILLER: Nicholas Hayes (CERT# 1983C)
DRILLING METHOD: Air

HOLE DIAMETER: 8"
CASING DIAMETER: 4"
SCREEN DIAMETER: 4"
TOP OF CASING ELEVATION: 0
WATER LEVEL: 48.3 ft bgs
EASTING: 663.3508
NORTHING: 1148.662
DEVELOPMENT: Pumping/Surging

Casing Interval 0-30.1 ft bgs Bentonite Interval 24-28 ft bgs Filter Interval 28-50.1 ft bgs
Screen Interval 30.1-50.1 ft bgs Grout Interval 0-24 ft bgs Filter Material Sand

Depth Scale	Sample Zone	Odor (1=none, 2=slight, 3=strong)	PID/OVA	Moisture (1=dry, 2=moist, 3=wet)	Lithology	Water Level	Well Construction
0	1	N/A	1		CONCRETE: Concrete		WELLCAP
					CLAYEY SILT: Red brown clayey silt, high density, low plasticity		
5	1	0.	1				
	1	N/A	1				
	1	0.0	1				
10	1	N/A	1		SANDY SILT: Grey brown coarse grained sandy silt		
	1	0.1	1				GROUTED ANNULUS
15	1	N/A	1				
	1	90.7	1				
20	1	N/A	1				SCH 40 PVC CASING
	1	111	1				
25	1	N/A	1				BENTONITE
	1	339	1				
30	1	N/A	2				
	1	514	3				
35	1	N/A	3		WEATHERED ROCK: Weathered rock		
					BEDROCK: Bedrock		
40	1	619	3				GRAVEL PACK
	2	N/A	3				
45	2	680	3				
	2	N/A	3				SCH 40 WELLSCREEN
50							



Total Depth = 50.1 ft bgs

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LIL CRICKET CONVENIENCE STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LIL CRICKET - 339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: 34° 41' 19.79" Longitude: 82° 58' 11.40"

3. PUBLIC SYSTEM NAME: 07303 **PUBLIC SYSTEM NUMBER:** RW-1

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
RED SILTY CLAY	8.0	8.0
BROWN SILT	32.0	40.0
GRAY ROCK	10.0	50.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
BENTONITE SEAL FROM 24.0 TO 28.0 FEET

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: UMW-25692

8. USE: RECOVERY
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 50.0 ft. Date Started: 11/26/14 Date Completed: 11/26/14

10. CASING: ☑ Threaded ☐ Welded
Diam.: 4 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
4.0 in. to 30.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 4 INCH
Slot/Gauge: .010 Length: 20.0 FEET
Set Between: 30.0 ft. and 50.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 40.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 28.0 ft. to 50.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 24.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: NICHOLAS HAYES **CERT. NO.:** 01983
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☑ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Nicholas Hayes (Well Driller) Date: 12/03/14

If D Level Driller, provide supervising driller's name:

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LIL CRICKET CONVENIENCE STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LIL CRICKET - 339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: 34° 41' 19.68" Longitude: 82° 58' 11.38"

3. PUBLIC SYSTEM NAME: 07303 **PUBLIC SYSTEM NUMBER:** RW-2

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
RED SILTY CLAY	8.0	8.0
BROWN SILT	32.0	40.0
GRAY ROCK	10.0	50.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
BENTONITE SEAL FROM 24.0 TO 28.0 FEET

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: UMW-25692

8. USE: RECOVERY
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 50.0 ft. Date Started: 11/26/14 Date Completed: 11/26/14

10. CASING: ☑ Threaded ☐ Welded
Diam.: 4 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
4.0 in. to 30.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 4 INCH
Slot/Gauge: .010 Length: 20.0 FEET
Set Between: 30.0 ft. and 50.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 40.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 28.0 ft. to 50.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 24.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: NICHOLAS HAYES **CERT. NO.:** 01983
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☑ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Nicholas Hayes Well Driller Date: 12/03/14

If D Level Driller, provide supervising driller's name:

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LIL CRICKET CONVENIENCE STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LIL CRICKET - 339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: 34° 41' 19.48" Longitude: 82° 58' 11.40"

3. PUBLIC SYSTEM NAME: 07303 **PUBLIC SYSTEM NUMBER:** RW-3

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
RED SILTY CLAY	8.0	8.0
BROWN SILT	27.0	35.0
GRAY ROCK	15.0	50.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS: BENTONITE SEAL FROM 24.0 TO 28.0 FEET

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: UMW-25692

8. USE: RECOVERY
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 50.0 ft. Date Started: 11/26/14 Date Completed: 11/26/14

10. CASING: ☑ Threaded ☐ Welded
Diam.: 4 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
4.0 in. to 30.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 4 INCH
Slot/Gauge: .010 Length: 20.0 FEET
Set Between: 30.0 ft. and 50.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 40.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 28.0 ft. to 50.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 24.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: NICHOLAS HAYES **CERT. NO.:** 01983
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☑ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Nicholas Hayes Well Driller Date: 12/03/14

If D Level Driller, provide supervising driller's name:

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

D H E C
PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: LIL CRICKET CONVENIENCE STORES (last) (first)
Address: PO BOX 4551
City: SPARTANBURG State: SC Zip: 29305
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** OCONEE
Name: LIL CRICKET - 339
Street Address: 800 WEST NORTH 1ST STREET
City: SENECA Zip: 29678
Latitude: 34° 41' 17.79" Longitude: 82° 58' 11.60"

3. PUBLIC SYSTEM NAME: 07303 **PUBLIC SYSTEM NUMBER:** RW-4

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
RED SILTY CLAY	8.0	8.0
BROWN SILT	19.0	27.0
GRAY ROCK	23.0	50.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS: BENTONITE SEAL FROM 24.0 TO 28.0 FEET

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: UMW-25692

8. USE: RECOVERY
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 50.0 ft. Date Started: 11/26/14 Date Completed: 11/26/14

10. CASING: ☑ Threaded ☐ Welded
Diam.: 4 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
4.0 in. to 30.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface 0.0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 4 INCH
Slot/Gauge: .010 Length: 20.0 FEET
Set Between: 30.0 ft. and 50.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 40.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 28.0 ft. to 50.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 24.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: NICHOLAS HAYES **CERT. NO.:** 01983
Address: (Print) 176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☑ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Nicholas Hayes Date: 12/03/14
Well Driller

If D Level Driller, provide supervising driller's name:

APPENDIX F

Aquifer Evaluation Forms
(Not Applicable)

APPENDIX G

Disposal Manifests

TERRY Environmental Services, Inc.

Certificate of On-Site Treatment

In accordance with NPDES General Permit No. SCG830000, 175 gallons of drilling decontamination water and well development water were processed on-site via a portable granular activated carbon (GAC) unit and released to the surface within the area of the known petroleum contamination plume November 26, 2014.

Former Li'l Cricket #339

Seneca, South Carolina

SCDHEC UST Permit No.: 07303

TERRY Environmental Services
CLIENTS FIRST ALWAYS

NON-HAZARDOUS WASTE MANIFEST

1 Generator ID Number: Terry Environmental Services

2 Page 1 of: 1

3 Job Number: D-12122324

4 Waste Tracking Number: 2324-1

5 Generator's Name and Mailing Address
Li'l Cricket Convenience Stores
PO Box 4551, Spartanburg, SC 29305
Generator's Phone:

Generator's Site Address (if different than mailing address)
Former Li'l Cricket #339
800 West North First Street, Seneca, SC 29678

6 Transporter 1 Company Name: JBR Environmental Services (864) 583-2717
U S EPA ID Number: SCR000004358

7 Transporter 2 Company Name
U S EPA ID Number

8 Designated Facility Name and Site Address
JBR Environmental Services
210 Alice St.
Spartanburg, SC 29303 (864) 583-2717
Facility's Phone:
U S EPA ID Number: SCR000004358

B.T.#25 27,000 16240 10760 LBS 5.38 TON

	9 Waste Shipping Name and Description	10 Containers No	10 Containers Type	11 Total	12 Unit
1	Non-DOT /Non-RCRA Regulated Material (Soil Cuttings)	18	DM	13,050	P
2					
3					
4					

13 Special Handling Instructions and Additional Information
1) Profile #TE-124528

14 GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of the consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations

Generator's/Offeror's Printed/Typed Name: K Cone as agent for Li'l Cricket
Signature: K Cone as agent
Month 12 Day 10 Year 14

15 International Shipments ☐ Import to U S ☐ Export from U S
Port of entry/exit:
Transporter Signature (for exports only):
Date leaving U S:

16 Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Tim Chumley
Signature: T Chumley
Month 12 Day 12 Year 14

Transporter 2 Printed/Typed Name
Signature
Month Day Year

17 Discrepancy

17a Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b Alternate Facility (or Generator)
U S EPA ID Number
Facility's Phone:

17c Signature of Alternate Facility (or Generator)
Month Day Year

18 Designated Facility Owner or Operator Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name: Scott Edel
Signature: Scott Edel
Month 12 Day 12 Year 14

JBR Revision 4/13

US Water Recovery

Non-Hazardous Manifest: Waste Water or Drums

Number:

1. Generator's EPA ID# (if applicable):

Waste ID Number:

2. Generator's Name and Mailing Address:
Terry Environmental Services
Summerville, SC 29484

Phone (843) 873-8200
P O #: 25

3. Agent of Generator and Mailing Address:

Phone ( )
P O #:

4. Transporter Company Name: Goodsell Transport
511 Old Mt Holly Rd
Goose Creek SC 29445

Phone ( )

Truck & Trailer License Number:

5. Transporter U.S. EPA ID#:

6. Facility Name and Site Address:		Mailing Address:	
US Water Recovery 511 Old Mt. Holly Rd. Goose Creek, SC 29445	Phone: (843) 797-8674 Fax: (843) 797-2126	US Water Recovery 511 Old Mt. Holly Rd. Goose Creek, SC 29445	Phone: (843) 797-3111 Fax: (843) 797-1884

7 Facility U.S. EPA ID#:

Start Level: End Level: Total Gallons: Tank Number

8. U.S. DOT Description	Container No.	Container Type	Unit	Quantity
a. Non-Hazardous, non-regulated waste water	103	LT	Gal	4000

9. Generator's Certification: I hereby declare that the contents of this consignment are not hazardous by definition or listing and are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina. I further certify that the contents of this consignment are as represented by the description contained on the Waste Profile Form previously submitted to and approved by the Designated Facility.

Printed/Typed Name: Tyler Waterhouse Signature: Date: 12/12/14

10. Transporter Acknowledgement of Receipt of Materials

Printed/Typed Name: Daniel Kinsman Signature: Date: 12/12/14

11. Discrepancy Indication space:

12. Facility Owner or Operator: Certification of Receipt of Materials

Printed/Typed Name: Daniel Kinsman Signature: Date 12/12/14

White - Facility Yellow - Office Pink - Transporter Blue - Generator

11222

APPENDIX H

Local Zoning Regulations
(Not Applicable)

APPENDIX I

Fate and Transport Modeling Data
(Not Applicable)

APPENDIX J

Access Agreements
(Not Applicable)

APPENDIX K

Data Verification Checklist

Contractor Checklist – Former Li'l Cricket #339

UST Permit #07303 - TERRY Project #2170H

Item #	Item	Yes	No	N/A
1	Is Facility Name, Permit #, and address provided?	X		
2	Is UST Owner/Operator name, address, & phone number provided?	X		
3	Is name, address, & phone number of current property owner provided?	X		
4	Is the DHEC Certified UST Site Rehabilitation Contractor's Name, Address, telephone number, and certification number provided?	X		
5	Is the name, address, telephone number, and certification number of the well driller that installed borings/monitoring wells provided?	X		
6	Is the name, address, telephone number, and certification number of the certified laboratory(ies) performing analytical analyses provided?			X
7	Has the facility history been summarized?	X		
8	Has the regional geology and hydrogeology been described?	X		
9	Are the receptor survey results provided as required?			X
10	Has current use of the site and adjacent land been described?	X		
11	Has the site-specific geology and hydrogeology been described?	X		
12	Has the primary soil type been described?	X Sect 3		
13	Have field screening results been described?			X
14	Has a description of the soil sample collection and preservation been detailed?			X
15	Has the field screening methodology and procedure been detailed?			X
16	Has the monitoring well installation and development dates been provided?	X		
17	Has the method of well development been detailed?	X		
18	Has justification been provided for the locations of the monitoring wells?	X		
19	Have the monitoring wells been labeled in accordance with the UST QAPP guidelines?	X		
20	Has the groundwater sampling methodology been detailed?			X
21	Have the groundwater sampling dates and groundwater measurements been provided?			X
22	Has the purging methodology been detailed?			X
23	Has the volume of water purged from each well been provided along with measurements to verify that purging is complete?			X
24	If free-product is present, has the thickness been provided?			X
25	Does the report include a brief discussion of the assessment done and the results?	X		
26	Does the report include a brief discussion of the aquifer evaluation and results?			X
27	Does the report include a brief discussion of the fate & transport models used?			X
28	Are the site-conceptual model tables included? (Tier 1 Risk Evaluation)			X
29	Have the exposure pathways been analyzed? (Tier 2 Risk Evaluation)			X
30	Have the SSTLs for each compound and pathway been calculated? (Tier 2 Risk Evaluation)			X
31	Have recommendations for further action been provided and explained?	X		
32	Has the soil analytical data for the site been provided in tabular format? (Table 1)			X
33	Has the potentiometric data for the site been provided in tabular format? (Table 2)			X
34	Has the current and historical laboratory data been provided in tabular format?			X

Item #	Item	Yes	No	N/A
35	Have the aquifer characteristics been provided and summarized on the appropriate form?			X
36	Have the Site conceptual model tables been included? (Tier 1 Risk Evaluation)			X
37	Has the topographic map been provided with all required elements? (Figure 1)	X		
38	Has the site base map been provided with all required elements? (Figure 2)	X		
39	Have the CoC site maps been provided? (Figure 3 & Figure 4)			X
40	Has the site potentiometric map been provided? (Figure 5)			X
41	Have the geologic cross-sections been provided? (Figure 6)			X
42	Have maps showing the predicted migration of the CoCs through time been provided? (Tier 2 Risk Evaluation)			X
43	Has the site survey been provided and include all necessary elements? (Appendix A)			X
44	Have the sampling logs, chain of custody forms, and the analytical data package been included with all required elements? (Appendix B)			X
45	Is the laboratory performing the analyses properly certified?			X
46	Has the tax map been included with all necessary elements? (Appendix C)			X
47	Have the soil boring/field screening logs been provided? (Appendix D)			X
48	Have the well completion logs and SCDHEC Form 1903 been provided? (Appendix E)	X		
49	Have the aquifer evaluation forms, data, graphs, equations, etc. been provided? (Appendix F)			X
50	Have the disposal manifests been provided? (Appendix G)	X		
51	Has a copy of the local zoning regulations been provided? (Appendix H)			X
52	Has all fate and transport modeling been provided? (Appendix I)			X
53	Have copies of all access agreements obtained by the contractor been provided? (Appendix J)			X
54	Has a copy of this form been attached to the final report and are explanations for any missing or incomplete data been provided?	X		

Explanation for missing and incomplete information?

Not Applicable for the current directive.

D H E C
PROMOTE PROTECT PROSPER
Catherine B. Templeton, Director
Promoting and protecting the health of the public and the environment

UST 344ech DOCKETING

MR GORDON ZUBER
LIL CRICKET CONVENIENCE STORES INC
PO BOX 4551
SPARTANBURG SC 29305

JAN 16 2015

Re: Aggressive fluid and vapor recovery (AFVR) directive
Former Li'l Cricket #339, 800 North West First Street, Seneca, SC
UST Permit #07303; CA #49551
Release reported April 27, 1989
Oconee County

Dear Mr. Zuber:

The Underground Storage Tank (UST) Management Division of the South Carolina Department of Health and Environmental Control (Agency) recognizes your commitment to continue work at this site using Terry Environmental Services, Inc. The next appropriate remedial activity is to continue aggressive fluid and vapor recovery (AFVR) to reduce petroleum chemicals of concern (CoC) in the groundwater. Previous AFVR events conducted in 2014 on source area monitoring wells and newly installed AFVR recovery wells have removed 9000 gallons of petroleum contact water and approximately 35 equivalent gallons of petroleum from the site. Please have your contractor conduct one 48-hour event on monitoring/recovery wells MW-10, RW-1, and RW-4, one 48-hour event on MW-20, RW-2, and RW-3. The events must be conducted in accordance with Quality Assurance Program Plan (QAPP) Revision 2.0. A copy of QAPP Revision 2.0 is available at http://www.scdhec.gov/environment/docs/QAPP_Rev-2_April2013.pdf.

Please notify the UST Management Division prior to commencing AFVR at the site. The stinger must be advanced to a target depth of 45 feet within the first 8 hours of the event. Thereafter, the stinger should be adjusted to achieve the highest vapor recovery while maintaining dewatering of the smear zone. Off-gas treatment will be necessary.

Cost Agreement (CA) #49551 has been approved in the amount shown on the enclosed cost agreement form for the AFVR events. Please note that all applicable South Carolina certification requirements apply to the report preparation. Further, all site rehabilitation activities must be performed and submitted by a South Carolina-Certified Underground Storage Tank Site Rehabilitation Contractor.

An AFVR report and invoice are due within 90 days from the date of this letter. Your contractor may directly bill the State Underground Petroleum Environmental Response Bank (SUPERB) Account. Interim invoices may not be submitted for this scope of work. If the invoice is not submitted within 120 days from the date of this letter, monies allocated to pay this invoice will be uncommitted. This means that the invoice will not be processed for payment until all other committed funds are paid or monies become available.

Sections 44-2-110(4) and 44-2-130 of the SUPERB Statute state that no costs will be allowed unless prior approval from the Agency is obtained. If for any reason additional tasks will be completed, these additional tasks and the associated cost must be pre-approved by the Agency for the cost to be paid. The Agency reserves the authority to pay only for work properly performed and/or technically justified and will only pay rates in accordance with established criteria. Further, the Agency reserves the right to question and/or reject costs if deemed unreasonable and the right to audit project records at any time during the project or after completion of work.

The UST Management Division grants pre-approval for transportation of petroleum-contaminated, investigative-derived waste (IDW) from the referenced site to a permitted treatment/disposal facility. The transport and disposal must be conducted in accordance with QAPP Revision 2.0.

On all correspondence concerning this facility, please reference UST Permit #07303. If there are any questions concerning this project, feel free to contact me by telephone at (803) 898-0655, by fax at (803) 898-0673, or by e-mail at padgetjp@dhec.sc.gov.

Sincerely,

Joel P. Padgett, P.G., Geologist/Hydrologist
Corrective Action Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

JPP/jpp
07303.afvr2

enc: Approved cost agreement form

cc: Thomas Glenn, 800 West North 1st Street, Seneca, SC 29678 (w/o enc)
Terry Environmental Services, Inc., P.O. Box 25, Summerville, SC 29484 (w/enc)
Technical file (w/enc)

Approved Cost Agreement 49551

Facility: 07303 LIL CRICKET 339

PADGETJP

PO Number:

Task / Description	Categories	Item	Description	Qty / Pct	Unit Price	Amount
19 RPT/PROJECT MNGT & COORDINATIO						
		PRT	REPORT PREPARATION	0.1200	22,970.25	2,756.43
23 EFR						
		A3	48 HOUR EVENT	2.0000	6,265.00	12,530.00
		C3	OFF GAS TREATMENT 48 HOUR	2.0000	327.00	654.00
		D	SITE RECONNAISSANCE	1.0000	203.25	203.25
		F1	EFFLUENT DISPOSAL	20,000.0000	0.44	8,800.00
		G	AFVR EQUIPMENT MOB	2.0000	391.50	783.00
				Total Amount		25,726.68

Document Receipt Information

☐ Hard Copy ☒ CD ☐ Email

Date Received 2-9-15

Permit Number 307303

Project Manager Joel Padgett

Name of Contractor TES

UST Certification Number

Docket Number 35 tech

Scanned

AFVR Events Report

SCANNED

AGGRESSIVE FLUID VAPOR RECOVERY (AFVR) EVENTS REPORT
FORMER LI'L CRICKET #339
800 WEST NORTH FIRST STREET
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
CA #49551

Prepared For:

SCDHEC UNDERGROUND STORAGE TANK PROGRAM
2600 BULL ST.
COLUMBIA, SC 29201

Submitted By:

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. BOX 25
SUMMERVILLE, SOUTH CAROLINA 29484
(843) 873-8200
Fax (843) 873-8765
www.terryenvironmental.com

UST CONTRACTOR #UCC-0223
TERRY PROJECT #2170I

KELLY K. CONE, PG
Vice President, Assessment Services

JASON A. TERRY, PG
President

KELLY K. CONE REGISTERED No. 2509 SOUTH CAROLINA PROFESSIONAL GEOLOGIST

JANUARY 2015

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A. INTRODUCTION

1. UST Facility and Owner/Operator Information

Facility Name (Permit #) : Former Li'l Cricket #339 (07303)
Facility Address: 800 West North First Street, Seneca, South Carolina 29678
Facility Telephone: n/a – Not Operating

Owner/ Operator Name: Li'l Cricket Convenience Stores (Mr. Jim Zuber)
Owner/ Operator Address: 7 White Ash Drive, Asheville, NC 28803
Owner/ Operator Telephone: 910-512-9692

2. Property Owner Information

Name: Thomas & Dorothy Glenn
Address: 800 West North First Street, Seneca, South Carolina 29678
Telephone: 864-710-8747

3. Contractor Information

Name: Terry Environmental Services, Inc.
Address: P.O. Box 25, Summerville, South Carolina 29484
Telephone: 843-873-8200
Certification: UCC-0223

4. Well Driller Information

Not Applicable

5. Laboratory Information

Not Applicable

6. Site History

Date Release Reported to SCDHEC: April 27, 1989
Estimated Quantity of Product Released: Unknown
Cause of Release: Unknown
Current use of Facility: Commercial property (Consignment store)

UST #	Product	Date Installed	Currently In Use (Yes or No)	If not in use, Date Removed
1 (4,000 gal)	Gasoline	Unknown	No	2/22/2000
2 (4,000 gal)	Gasoline	Unknown	No	2/22/2000
3 (4,000 gal)	Gasoline	Unknown	No	2/22/2000
4 (4,000 gal)	Kerosene	Unknown	No	2/22/2000

Other Releases at this site? Yes _____ No **XXXX**
If yes, Date Release Reported to SCDHEC n/a
Status of Release: **n/a**
No Further Action Date: n/a

7. Regional Geology and Hydrogeology

The Former Li'l Cricket #339 site is located in Seneca, SC which lies in the Western Piedmont Province of South Carolina approximately 20 miles to the southeast of the Brevard fault zone. The western piedmont is comprised of the Inner Piedmont block, the Smith River allochthon, and the Sauratwon Mountain window. The Inner Piedmont block encompasses the Inner Piedmont belt and the Chauga belt, and consists of a composite stack of thrust sheets containing a variety of gneisses, schists, amphibolites, sparse ultramafic bodies, and intrusive granitoids. (The Geology of the Carolinas, Horton & Zullo, 1991)

The Former Li'l Cricket #339 site is located in the Inner Piedmont Belt which consists of sillimanite-grade regional metamorphism that decreases in grade to the northwest towards Pickens. Generally, wells drilled to depths less than 250 feet in the rocks of the Inner Piedmont Belt of Pickens County yield one-half to 500 gallons per minute. The highest average yields were obtained from wells drilled in biotite granite gneiss and the lowest average yields were from wells drilled in hornblende gneiss. The average yield of all wells inventoried was 21 gallons per minute. (USGS/SCWRC Report 1: A Reconnaissance of the Water Resources of Pickens County, South Carolina, 1968)

B. RECEPTOR SURVEY & SITE DATA

1. Receptor Survey Results

A receptor survey was not conducted during this scope of work.

2. Current Site and Adjacent Land Use

Description of current site use (commercial, residential, rural, etc.):
Commercial; consignment store

Description of adjacent land use (commercial, residential, rural, etc):
Commercial, residential, and Duke Power substation

UST sites within a 1,000-foot radius:
Unknown

The site is located at 800 West North First Street in Seneca, South Carolina. The site is bordered to the north by residential property, to the east by commercial property, to the south by West North First Street, and to the west by a Duke Power substation. Further to the south across West North First Street are commercial properties. The general site location is shown on the Topographic Map provided in Section J as Figure 1. A detailed Site Base Map originating from a comprehensive survey completed by Jay S. Joshi (SC Registered Land Surveyor #14811) of Construction Support Services, Inc. on October 8, 2008 is provided in Appendix 1 as Figure 2.

3. Site-Specific Geology and Hydrogeology

Based on the Tier II Assessment reported in March 2009, the general soil profile onsite consists of mostly clayey silt and sandy silt. Partially weathered rock and/or bedrock were encountered at depths ranging from approximately 28 feet to 45 feet below ground surface (bgs). The shallow aquifer was generally encountered between 40 and 47 feet bgs. During this scope of work, depth to groundwater was measured between 39 and 45 feet below top of casing in the recovery and influence wells gauged prior to the start of each event.

C. SOIL ASSESSMENT/FIELD SCREENING INFORMATION & METHODOLOGY

Not Applicable. No soil or groundwater borings were installed during this scope of work.

D. MONITORING WELL INFORMATION

Not Applicable. No monitoring wells were installed during this scope of work.

E. GROUNDWATER DATA

Not Applicable. No groundwater samples were collected during this scope of work.

F. AFVR INFORMATION

1. Scope of Work

As directed by SCDHEC, two (2) consecutive 48-hour continuous AFVR Events were performed; between January 26, 2015 and January 28, 2015 event one was conducted on monitoring well MW-10, RW-1, and RW-4; between January 28, 2015 and January 30, 2015 event two was conducted on monitoring/recovery wells MW-20, RW-2, and RW-3. TERRY Exploration Services, LLC performed the AFVR events under the supervision of TERRY Environmental Services, Inc.

2. AFVR Emissions Table

AFVR Emissions Table (Event 1) – Attached

AFVR Emissions Table (Event 2) – Attached

Extraction Well Stinger Depth Table (Event 1) – Attached

Extraction Well Stinger Depth Table (Event 2) – Attached

3. Vacuum Data Table

Vacuum Data Table (Event 1) – Attached

Vacuum Data Table (Event 2) – Attached

4. Volume of Water Recovered

1,300 gallons of fluid were recovered during the 48-hour event conducted January 26, 2015 through January 28, 2015. 1,700 gallons of fluid were recovered during the 48-hour event conducted January 28, 2015 through January 30, 2015. A total of 3,000 gallons of fluid were recovered during the two events.

5. Volume of Product Recovered

At the completion of the event no product was detected in the recovery tank. However, the AFVR process routinely emulsifies product which can take several hours to separate.

6. Mass of Petroleum Recovered as Vapor

16.51 pounds of volatile organic vapors (approximate equivalent of 2.64 gallons of gasoline) were recovered during the course of the 48-hour event conducted January 26, 2015 through January 28, 2015. 18.13 pounds of volatile organic vapors (approximate equivalent of 2.90 gallons of gasoline) were recovered during the course of the 48-hour event conducted January 28, 2015 through January 30, 2015. A total of 34.64 pounds of gasoline vapors

SECTION F-2A
AFVR EMISSIONS TABLE (EVENT 1)
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303

Date:	January 26-28, 2015	**Average Depth to Groundwater:**	39-45 ft.
Site Name:	Former Li'l Cricket #339	**Describe Soil in Saturated Zone:**	Weathered Rock
SCDHEC Site ID #:	07303	**Vacuum Contractor:**	TERRY Exploration Services, LLC
Well ID #:	MW-10, RW-1, RW-4	**Blower Specification of the Vacuum Truck (CFM @ Hg):**	282 CFM @ 25" Hg

DRY STANDARD CUBIC FEET PER MINUTE (DSCFM) CALCULATIONS (Qstd) | **EMISSION CALCULATION**

		Vacuum	Velocity	Pipe Id	Temp.	Rel.Humid	PPM_{pre}	PPM_{post}	Reduction	Elapsed time	Flow	PPM_d	PPM_c	K	C_{cm}	C_c	PMR_c	PMR_g	PMR_g
Date	Time	(in. Hg)	(ft/min)	(in)	(F)	(%)	(ppm)	(ppm)	(%)	(min)	(DSCFM)				(mg/dsm^3)	(lb/dscf)	(lb/hr)	(lb/hr)	(gal/hr)
1/26/2015	13:30	20.0	1,112	3	104.8	26.7	263	51.8	80	0	46.53	288.28	1153.13	4	575.37	3.592E-05	0.10	0.12	0.02
1/26/2015	14:00	20.0	1,136	3	109.1	24.2	467	47.3	90	30	47.17	511.89	2047.58	4	1021.66	6.378E-05	0.18	0.21	0.03
1/26/2015	14:30	20.0	1,088	3	116.8	24.0	472	46.8	90	60	44.58	517.38	2069.50	4	1032.60	6.447E-05	0.17	0.20	0.03
1/26/2015	15:00	20.0	1,117	3	128.1	23.8	461	45.7	90	90	44.89	505.32	2021.27	4	1008.54	6.296E-05	0.17	0.20	0.03
1/26/2015	15:30	20.0	1,124	3	136.3	22.1	477	46.5	90	120	44.55	522.86	2091.42	4	1043.54	6.515E-05	0.17	0.20	0.03
1/26/2015	16:00	20.0	1,072	3	145.8	24.6	533	68.1	87	150	41.82	584.24	2336.96	4	1166.05	7.280E-05	0.18	0.21	0.03
1/26/2015	16:30	20.0	1,131	3	146.7	23.2	554	73.2	87	180	44.06	607.26	2429.03	4	1211.99	7.566E-05	0.20	0.23	0.04
1/26/2015	17:00	20.0	1,112	3	148.1	25.1	588	79.6	86	210	43.22	644.53	2578.11	4	1286.38	8.031E-05	0.21	0.24	0.04
1/26/2015	17:30	20.0	1,084	3	147.9	22.7	627	94.3	85	240	42.14	687.28	2749.10	4	1371.70	8.563E-05	0.22	0.25	0.04
1/26/2015	18:00	20.0	1,162	3	149.3	23.8	714	125	82	270	45.07	782.64	3130.56	4	1562.03	9.752E-05	0.26	0.31	0.05
1/26/2015	18:30	20.0	1,127	3	149.6	24.1	763	132	83	300	43.69	836.35	3345.40	4	1669.23	1.042E-04	0.27	0.32	0.05
1/26/2015	19:00	20.0	1,144	3	147.2	22.6	813	137	83	330	44.53	891.16	3564.63	4	1778.61	1.110E-04	0.30	0.34	0.05
1/26/2015	19:30	20.0	1,095	3	148.3	21.9	826	151	82	360	42.54	905.41	3621.63	4	1807.05	1.128E-04	0.29	0.33	0.05
1/26/2015	20:00	20.0	1,116	3	147.8	23.4	872	160	82	390	43.39	955.83	3823.31	4	1907.69	1.191E-04	0.31	0.36	0.06
1/26/2015	20:30	20.0	1,151	3	146.5	25.4	884	163	82	420	44.85	968.98	3875.93	4	1933.94	1.207E-04	0.32	0.38	0.06
1/26/2015	21:00	20.0	1,080	3	145.2	26.8	910	172	81	450	42.17	997.48	3989.93	4	1990.82	1.243E-04	0.31	0.36	0.06
1/26/2015	21:30	20.0	1,113	3	145.3	24.5	924	177	81	480	43.46	1012.83	4051.31	4	2021.45	1.262E-04	0.33	0.38	0.06
1/26/2015	22:30	20.0	1,138	3	144.3	23.3	1,062	196	82	540	44.51	1164.09	4656.38	4	2323.35	1.450E-04	0.39	0.45	0.07
1/26/2015	23:30	20.0	1,078	3	145.6	22.5	1,251	207	83	600	42.07	1371.26	5485.05	4	2736.83	1.709E-04	0.43	0.50	0.08
1/27/2015	0:00	20.0	1,094	3	144.2	25.1	1,144	210	82	630	42.79	1253.98	5015.91	4	2502.74	1.562E-04	0.40	0.46	0.07
1/27/2015	8:00	20.0	1,133	3	145.5	24.6	1,228	219	82	1110	44.22	1346.05	5384.21	4	2686.51	1.677E-04	0.45	0.51	0.08
1/27/2015	9:00	20.0	1,069	3	145.8	21.9	1,076	191	82	1170	41.70	1179.44	4717.76	4	2353.98	1.470E-04	0.37	0.43	0.07
1/27/2015	10:00	20.0	1,118	3	147.3	23.0	1,052	182	83	1230	43.51	1153.13	4612.53	4	2301.47	1.437E-04	0.38	0.43	0.07
1/27/2015	11:00	20.0	1,130	3	147.6	24.6	984	180	82	1290	43.95	1078.60	4314.38	4	2152.71	1.344E-04	0.35	0.41	0.07
1/27/2015	12:00	20.0	1,142	3	148.3	25.0	995	184	82	1350	44.37	1090.65	4362.61	4	2176.77	1.359E-04	0.36	0.42	0.07
1/27/2015	13:00	20.0	1,084	3	148.5	24.1	1,021	193	81	1410	42.10	1119.15	4476.61	4	2233.66	1.394E-04	0.35	0.41	0.07
1/27/2015	14:00	20.0	1,121	3	148.1	23.6	963	185	81	1470	43.57	1055.58	4222.31	4	2106.77	1.315E-04	0.34	0.40	0.06
1/27/2015	16:00	20.0	1,115	3	149.8	22.4	941	182	81	1590	43.21	1031.46	4125.85	4	2058.64	1.285E-04	0.33	0.39	0.06
1/27/2015	18:00	20.0	1,138	3	149.4	22.3	926	170	82	1710	44.13	1015.02	4060.08	4	2025.82	1.265E-04	0.33	0.39	0.06
1/27/2015	20:00	20.0	1,092	3	147.3	21.8	952	172	82	1830	42.50	1043.52	4174.08	4	2082.70	1.300E-04	0.33	0.38	0.06
1/27/2015	22:00	20.0	1,117	3	145.6	24.7	921	166	82	1950	43.59	1009.54	4038.16	4	2014.88	1.258E-04	0.33	0.38	0.06
1/28/2015	0:00	20.0	1,143	3	144.2	23.4	908	173	81	2070	44.71	995.29	3981.16	4	1986.44	1.240E-04	0.33	0.38	0.06
1/28/2015	8:00	20.0	1,086	3	144.9	22.5	864	151	83	2550	42.43	947.06	3788.24	4	1890.18	1.180E-04	0.30	0.35	0.06
1/28/2015	10:00	20.0	1,152	3	148.6	25.2	827	153	81	2670	44.73	906.50	3626.01	4	1809.24	1.130E-04	0.30	0.35	0.06
1/28/2015	12:00	20.0	1,091	3	149.3	23.1	834	156	81	2790	42.32	914.18	3656.70	4	1824.55	1.139E-04	0.29	0.33	0.05
1/28/2015	13:30	20.0	1,127	3	149.4	24.6	802	150	81	2880	43.71	879.10	3516.40	4	1754.55	1.095E-04	0.29	0.33	0.05
Average		20.0	1115	3.0	143.2	23.8	831	144	83		43.67	910.37	3641.48	4	1816.96	1.134E-04	0.30	0.34	0.06

Bws = 0.088 Bwsw: 0.06

Total Pounds of Carbon Recovered as Emissions: 14.27

Total Pounds of Gasoline Vapor Recovered as Emissions: 16.51

Total Gallons of Gasoline Recovered as Emissions: 2.64

(This Number Represents the Gallons Recovered via Vapors, Not Total Liquids)

SECTION F-2A
AFVR EMISSIONS TABLE (EVENT 2)
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303

Date:	January 28-30, 2015	**Average Depth to Groundwater:**	39-44 ft.
Site Name:	Former Li'l Cricket #339	**Describe Soil in Saturated Zone:**	Weathered Rock
SCDHEC Site ID #:	07303	**Vacuum Contractor:**	TERRY Exploration Services, LLC
Well ID #:	MW-20, RW-2, RW-3	**Blower Specification of the Vacuum Truck (CFM @ Hg):**	282 CFM @ 25" Hg

DRY STANDARD CUBIC FEET PER MINUTE (DSCFM) CALCULATIONS (Qstd)												EMISSION CALCULATION							
		Vacuum	Velocity	Pipe Id	Temp.	Rel.Humid	PPM_{pre}	PPM_{post}	Reduction	Elapsed time	Flow	PPM_d	PPM_c	K	C_{cm}	C_c	PMR_c	PMR_n	PMR_n
Date	Time	(in. Hg)	(ft/min)	(in)	(F)	(%)	(ppm)	(ppm)	(%)	(min)	(DSCFM)				(mg/dsm^3)	(lb/dscf)	(lb/hr)	(lb/hr)	(gal/hr)
1/28/2015	14:00	20.0	1,081	3	148.1	23.4	1,086	202	81	0	42.01	1190.40	4761.60	4	2375.86	1.483E-04	0.37	0.43	0.07
1/28/2015	14:30	20.0	1,116	3	149.6	22.2	1,272	229	82	30	43.27	1394.28	5577.13	4	2782.77	1.737E-04	0.45	0.52	0.08
1/28/2015	15:00	20.0	1,143	3	148.3	23.1	1,263	231	82	60	44.41	1384.42	5537.67	4	2763.08	1.725E-04	0.46	0.53	0.09
1/28/2015	15:30	20.0	1,077	3	149.5	24.6	1,184	213	82	90	41.76	1297.82	5191.29	4	2590.25	1.617E-04	0.41	0.47	0.08
1/28/2015	16:00	20.0	1,124	3	149.2	22.7	1,241	224	82	120	43.60	1360.30	5441.21	4	2714.95	1.695E-04	0.44	0.51	0.08
1/28/2015	16:30	20.0	1,135	3	149.4	23.1	1,088	191	82	150	44.02	1192.59	4770.37	4	2380.23	1.486E-04	0.39	0.45	0.07
1/28/2015	17:00	20.0	1,082	3	147.6	24.2	1,136	207	82	180	42.09	1245.21	4980.83	4	2485.24	1.552E-04	0.39	0.45	0.07
1/28/2015	17:30	20.0	1,108	3	148.3	25.6	1,172	213	82	210	43.05	1284.67	5138.67	4	2564.00	1.601E-04	0.41	0.48	0.08
1/28/2015	18:00	20.0	1,126	3	149.2	23.0	1,241	228	82	240	43.68	1360.30	5441.21	4	2714.95	1.695E-04	0.44	0.51	0.08
1/28/2015	18:30	20.0	1,130	3	148.4	22.6	1,064	187	82	270	43.89	1166.29	4665.14	4	2327.73	1.453E-04	0.38	0.44	0.07
1/28/2015	19:00	20.0	1,102	3	147.6	23.8	1,033	181	82	300	42.86	1132.31	4529.22	4	2259.91	1.411E-04	0.36	0.42	0.07
1/28/2015	19:30	20.0	1,091	3	148.3	25.3	992	163	84	330	42.39	1087.36	4349.46	4	2170.21	1.355E-04	0.34	0.40	0.06
1/28/2015	20:00	20.0	1,143	3	149.6	24.1	971	166	83	360	44.31	1064.35	4257.38	4	2124.27	1.326E-04	0.35	0.41	0.07
1/28/2015	20:30	20.0	1,085	3	148.5	22.8	982	172	82	390	42.14	1076.40	4305.61	4	2148.33	1.341E-04	0.34	0.39	0.06
1/28/2015	21:00	20.0	1,121	3	149.2	21.5	963	168	83	420	43.49	1055.58	4222.31	4	2106.77	1.315E-04	0.34	0.40	0.06
1/28/2015	21:30	20.0	1,140	3	149.8	20.6	912	175	81	450	44.18	999.67	3998.70	4	1995.19	1.246E-04	0.33	0.38	0.06
1/28/2015	22:00	20.0	1,137	3	147.2	21.3	878	159	82	480	44.25	962.41	3849.62	4	1920.81	1.199E-04	0.32	0.37	0.06
1/28/2015	23:00	20.0	1,116	3	146.3	23.4	885	156	82	540	43.50	970.08	3880.31	4	1936.13	1.209E-04	0.32	0.37	0.06
1/29/2015	0:00	20.0	1,124	3	144.2	25.1	837	160	81	600	43.96	917.46	3669.85	4	1831.12	1.143E-04	0.30	0.35	0.06
1/29/2015	8:00	20.0	1,138	3	146.3	24.6	813	157	81	1080	44.36	891.16	3564.63	4	1778.61	1.110E-04	0.30	0.34	0.05
1/29/2015	9:00	20.0	1,122	3	147.5	23.1	821	148	82	1140	43.65	899.93	3599.70	4	1796.11	1.121E-04	0.29	0.34	0.05
1/29/2015	10:00	20.0	1,088	3	148.3	21.6	814	152	81	1200	42.27	892.25	3569.01	4	1780.80	1.112E-04	0.28	0.33	0.05
1/29/2015	11:00	20.0	1,113	3	149.2	22.5	797	141	82	1260	43.18	873.62	3494.47	4	1743.61	1.089E-04	0.28	0.33	0.05
1/29/2015	12:00	20.0	1,092	3	149.4	23.8	806	149	82	1320	42.35	883.48	3533.93	4	1763.30	1.101E-04	0.28	0.32	0.05
1/29/2015	13:00	20.0	1,073	3	149.6	24.6	763	136	82	1380	41.60	836.35	3345.40	4	1669.23	1.042E-04	0.26	0.30	0.05
1/29/2015	14:00	20.0	1,068	3	148.7	23.2	787	134	83	1440	41.47	862.66	3450.63	4	1721.73	1.075E-04	0.27	0.31	0.05
1/29/2015	16:00	20.0	1,121	3	148.3	22.8	754	126	83	1560	43.55	826.48	3305.94	4	1649.54	1.030E-04	0.27	0.31	0.05
1/29/2015	18:00	20.0	1,134	3	149.1	23.1	727	138	81	1680	44.00	796.89	3187.56	4	1590.47	9.929E-05	0.26	0.30	0.05
1/29/2015	20:00	20.0	1,091	3	147.2	24.6	731	124	83	1800	42.46	801.27	3205.09	4	1599.22	9.984E-05	0.25	0.29	0.05
1/29/2015	22:00	20.0	1,105	3	146.3	22.2	746	131	82	1920	43.07	817.72	3270.86	4	1632.03	1.019E-04	0.26	0.30	0.05
1/30/2015	0:00	20.0	1,086	3	145.8	21.8	724	128	82	2040	42.37	793.60	3174.40	4	1583.90	9.888E-05	0.25	0.29	0.05
1/30/2015	8:00	20.0	1,113	3	146.2	23.4	711	132	81	2520	43.39	779.35	3117.40	4	1555.46	9.711E-05	0.25	0.29	0.05
1/30/2015	10:00	20.0	1,092	3	148.3	22.0	719	126	82	2640	42.43	788.12	3152.48	4	1572.97	9.820E-05	0.25	0.29	0.05
1/30/2015	12:00	20.0	1,127	3	149.3	23.6	710	130	82	2760	43.71	778.25	3113.02	4	1553.28	9.697E-05	0.25	0.29	0.05
1/30/2015	14:00	20.0	1,098	3	149.1	24.2	707	125	82	2880	42.60	774.97	3099.87	4	1546.71	9.656E-05	0.25	0.29	0.05
Average		20.0	1110	3.0	148.2	23.2	924	166	82		43.12	1012.51	4050.06	4	2020.82	1.262E-04	0.33	0.38	0.06
Bws =	0.088	Bwsw:	0.06																

Total Pounds of Carbon Recovered as Emissions: 15.67

Total Pounds of Gasoline Vapor Recovered as Emissions: 18.13

Total Gallons of Gasoline Recovered as Emissions: 2.90

(This Number Represents the Gallons Recovered via Vapors, Not Total Liquids)

AFVR Definitions and Equations

Qstd = (60 sec/min) (1- Bws) (velocity) (Pipe ID sq.ft.) [(528 oR / (Temp. + 460)] (Listed As Flow Above)

Bws = (B_{wsw} / 18 lb-mole H_2O) / [(1/28.84 lb-mole dry air) + B_{wsw} / 18 lb-mole H_2O)]

PPMd = (PPMw) / (1-Bws) PPMc = (PPM) (K)

Cc = Ccm (62.43 E -9 lb-m^3/mg-ft^3) PMRg = (PMRc) (Mg/Mcg)

Bgs = below top of casing

Bws = (B_{WSW} / 18 lb-mole H_2O) / [(1/28.84 lb-mole dry air) + B_{wsw} / 18 lb-mole H_2O)]

Qstd = (60 sec/min)(1-Bws)(V)(A)(Temp deg Rankin)

Bgs = below top of casing

Bws - water vapor % by volume

PPMpre = measured directly from Photo Ionization Detector (PID) pre-treatment

PPMpost = measured directly from PID post-treatment

Bwsw - pounds of water per pound of dry air, derived from the psychometric chart (temp Vs relative hum)

PPMw = PPM measured (wet Conc.)

K = # of carbons in calibration gas (isobutylene)

PPMc = PPMv, volumetric concentration of VOC emissions as carbon, dry basis, at STP

Ccm = mg/dsm^3, mass concentration of VOC emissions as carbon

Mc = 12.01 mg/mg-mole, molecular wt. of carbon

K_3 = 24.07 $dsm^3/10^6$ mg-mole, mass to volume conversion factor at stp

Cc = lb/dscf, mass concentration of VOC emissions as carbon, dry basis, at STP

PMRc = lb/hr, pollutant mass removal rate of VOC's as carbon

PMRg = lb/hr, pollutant mass removal rate of VOC's as gasoline

Mcg = 89 mg/mg-mole, weight of carbon in gasoline molecule

PPMd = "dry" concentration

Mg = 103 mg/mg-mole, molecular wt. of gasoline

Qstd - Flow at DSCFM

Ccm = PPMc (Mc/K_3)

PMRc = Cc (Qstd) (60 min/hr)

Reference:

North Carolina Department of Natural Resources, Division of Waste Management, Underground Storage Tank Section, Appendix B, Report Formats, April 2001.

SECTION F-2B
EXTRACTION WELL STINGER DEPTH TABLE (EVENT 1)
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
JANUARY 26-28, 2015

Well #	MW-10	Well #	RW-1	Well #	RW-4
Elapsed Time	Stinger Depth (ft)*	Elapsed Time	Stinger Depth (ft)*	Elapsed Time	Stinger Depth (ft)*
0	41.5	0	41.5	0	40.0
0.5	42.0	0.5	42.0	0.5	40.5
1	42.5	1	42.5	1	41.0
1.5	43.0	1.5	43.0	1.5	41.5
2	43.5	2	43.5	2	42.0
2.5	44.0	2.5	44.0	2.5	42.5
3	44.5	3	44.5	3	43.0
3.5	45.0	3.5	45.0	3.5	43.5
4	45.0	4	45.0	4	44.0
4.5	45.0	4.5	45.0	4.5	44.5
5	45.0	5	45.0	5	45.0
5.5	45.0	5.5	45.0	5.5	45.0
6	45.0	6	45.0	6	45.0
6.5	45.0	6.5	45.0	6.5	45.0
7	45.0	7	45.0	7	45.0
7.5	45.0	7.5	45.0	7.5	45.0
8	45.0	8	45.0	8	45.0
9	45.0	9	45.0	9	45.0
10	45.0	10	45.0	10	45.0
10.5	45.0	10.5	45.0	10.5	45.0
18.5	41.0	18.5	41.0	18.5	41.0
19.5	42.0	19.5	42.0	19.5	42.0
20.5	43.0	20.5	43.0	20.5	43.0
21.5	44.0	21.5	44.0	21.5	44.0
22.5	45.0	22.5	45.0	22.5	45.0
23.5	45.0	23.5	45.0	23.5	45.0
24.5	45.0	24.5	45.0	24.5	45.0
26.5	45.0	26.5	45.0	26.5	45.0
28.5	45.0	28.5	45.0	28.5	45.0
30.5	45.0	30.5	45.0	30.5	45.0
32.5	45.0	32.5	45.0	32.5	45.0
34.5	45.0	34.5	45.0	34.5	45.0
42.5	45.0	42.5	45.0	42.5	45.0
44.5	45.0	44.5	45.0	44.5	45.0
46.5	45.0	46.5	45.0	46.5	45.0
48	45.0	48	45.0	48	45.0

*Measured relative to the top of the well casing.

SECTION F-2B
EXTRACTION WELL STINGER DEPTH TABLE (EVENT 2)
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
JANUARY 28-30, 2015

Well #	MW-20	Well #	RW-2	Well #	RW-3
Elapsed Time	Stinger Depth (ft)*	Elapsed Time	Stinger Depth (ft)*	Elapsed Time	Stinger Depth (ft)*
0	41.0	0	41.5	0	40.5
0.5	41.5	0.5	42.0	0.5	41.0
1	42.0	1	42.5	1	41.5
1.5	42.5	1.5	43.0	1.5	42.0
2	43.0	2	43.5	2	42.5
2.5	43.5	2.5	44.0	2.5	43.0
3	44.0	3	44.5	3	43.5
3.5	44.5	3.5	45.0	3.5	44.0
4	45.0	4	45.0	4	44.5
4.5	45.0	4.5	45.0	4.5	45.0
5	45.0	5	45.0	5	45.0
5.5	45.0	5.5	45.0	5.5	45.0
6	45.0	6	45.0	6	45.0
6.5	45.0	6.5	45.0	6.5	45.0
7	45.0	7	45.0	7	45.0
7.5	45.0	7.5	45.0	7.5	45.0
8	45.0	8	45.0	8	45.0
9	45.0	9	45.0	9	45.0
10	45.0	10	45.0	10	45.0
18	41.0	18	41.0	18	41.0
19	42.0	19	42.0	19	42.0
20	43.0	20	43.0	20	43.0
21	44.0	21	44.0	21	44.0
22	45.0	22	45.0	22	45.0
23	45.0	23	45.0	23	45.0
24	45.0	24	45.0	24	45.0
26	45.0	26	45.0	26	45.0
28	45.0	28	45.0	28	45.0
30	45.0	30	45.0	30	45.0
32	45.0	32	45.0	32	45.0
34	45.0	34	45.0	34	45.0
42	45.0	42	45.0	42	45.0
44	45.0	44	45.0	44	45.0
46	45.0	46	45.0	46	45.0
48	45.0	48	45.0	48	45.0

*Measured relative to the top of the well casing.

SECTION F-3
VACUUM DATA TABLE (EVENT 1)
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
JANUARY 26-28, 2015

Well #	MW-9	Well #	MW-13	Well #	MW-15
Elapsed Time	Vacuum (in H2O)	Elapsed Time	Vacuum (in H2O)	Elapsed Time	Vacuum (in H2O)
0	0.0	0	0.0	0	0.0
0.5	0.0	0.5	0.0	0.5	0.0
1	0.2	1	0.0	1	0.0
1.5	0.2	1.5	0.5	1.5	0.0
2	0.2	2	0.5	2	0.0
2.5	0.2	2.5	0.5	2.5	0.0
3	0.2	3	0.5	3	0.0
3.5	0.2	3.5	0.5	3.5	0.0
4	0.2	4	0.5	4	0.0
4.5	0.2	4.5	0.5	4.5	0.0
5	0.2	5	0.5	5	0.0
5.5	0.2	5.5	0.5	5.5	0.0
6	0.2	6	0.5	6	0.0
6.5	0.2	6.5	0.5	6.5	0.0
7	0.2	7	0.5	7	0.0
7.5	0.2	7.5	0.5	7.5	0.0
8	0.2	8	0.5	8	0.0
9	0.2	9	0.5	9	0.0
10	0.2	10	0.5	10	0.0
10.5	0.2	10.5	0.5	10.5	0.0
18.5	0.2	18.5	0.5	18.5	0.0
19.5	0.2	19.5	0.5	19.5	0.0
20.5	0.2	20.5	0.5	20.5	0.0
21.5	0.2	21.5	0.5	21.5	0.0
22.5	0.2	22.5	0.5	22.5	0.0
23.5	0.2	23.5	0.5	23.5	0.0
24.5	0.2	24.5	0.5	24.5	0.0
26.5	0.2	26.5	0.5	26.5	0.0
28.5	0.2	28.5	0.5	28.5	0.0
30.5	0.2	30.5	0.5	30.5	0.0
32.5	0.2	32.5	0.5	32.5	0.0
34.5	0.2	34.5	0.5	34.5	0.0
42.5	0.2	42.5	0.5	42.5	0.0
44.5	0.2	44.5	0.5	44.5	0.0
46.5	0.2	46.5	0.5	46.5	0.0
48	0.2	48	0.5	48	0.0

SECTION F-3
VACUUM DATA TABLE (EVENT 2)
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
JANUARY 28-30, 2015

Well #	MW-3	Well #	MW-10	Well #	MW-13
Elapsed Time	Vacuum (in H2O)	Elapsed Time	Vacuum (in H2O)	Elapsed Time	Vacuum (in H2O)
0	0.0	0	0.0	0	0.0
0.5	0.0	0.5	0.2	0.5	0.5
1	0.0	1	0.5	1	0.5
1.5	0.0	1.5	0.7	1.5	0.8
2	0.0	2	0.7	2	0.8
2.5	0.0	2.5	1.1	2.5	0.8
3	0.0	3	1.1	3	1.0
3.5	0.0	3.5	1.4	3.5	1.0
4	0.0	4	1.4	4	1.0
4.5	0.0	4.5	1.4	4.5	1.2
5	0.0	5	1.4	5	1.2
5.5	0.2	5.5	1.4	5.5	1.2
6	0.2	6	1.4	6	1.2
6.5	0.2	6.5	1.4	6.5	1.2
7	0.2	7	1.4	7	1.2
7.5	0.2	7.5	1.4	7.5	1.2
8	0.2	8	1.4	8	1.2
9	0.2	9	1.4	9	1.2
10	0.2	10	1.4	10	1.2
18	0.2	18	1.4	18	1.2
19	0.2	19	1.4	19	1.2
20	0.2	20	1.4	20	1.2
21	0.2	21	1.4	21	1.2
22	0.2	22	1.4	22	1.2
23	0.2	23	1.4	23	1.2
24	0.2	24	1.4	24	1.2
26	0.2	26	1.4	26	1.2
28	0.2	28	1.4	28	1.2
30	0.2	30	1.4	30	1.2
32	0.2	32	1.4	32	1.2
34	0.2	34	1.4	34	1.2
42	0.2	42	1.4	42	1.2
44	0.2	44	1.4	44	1.2
46	0.2	46	1.4	46	1.2
48	0.2	48	1.4	48	1.2

(approximate equivalent of 5.54 gallons of gasoline) were recovered as emissions during the two events. Off-gas treatment was provided during the events as directed by the SCDHEC Project Manager.

7. Free Product Thickness Table

Free Product Thickness Table (Event 1) – Attached

Free Product Thickness Table (Event 2) – Attached

8. AFVR Event Map

Figure F-8 AFVR Map (Event 1) – Attached

Figure F-8 AFVR Map (Event 2) - Attached

9. Recovery Water Disposal

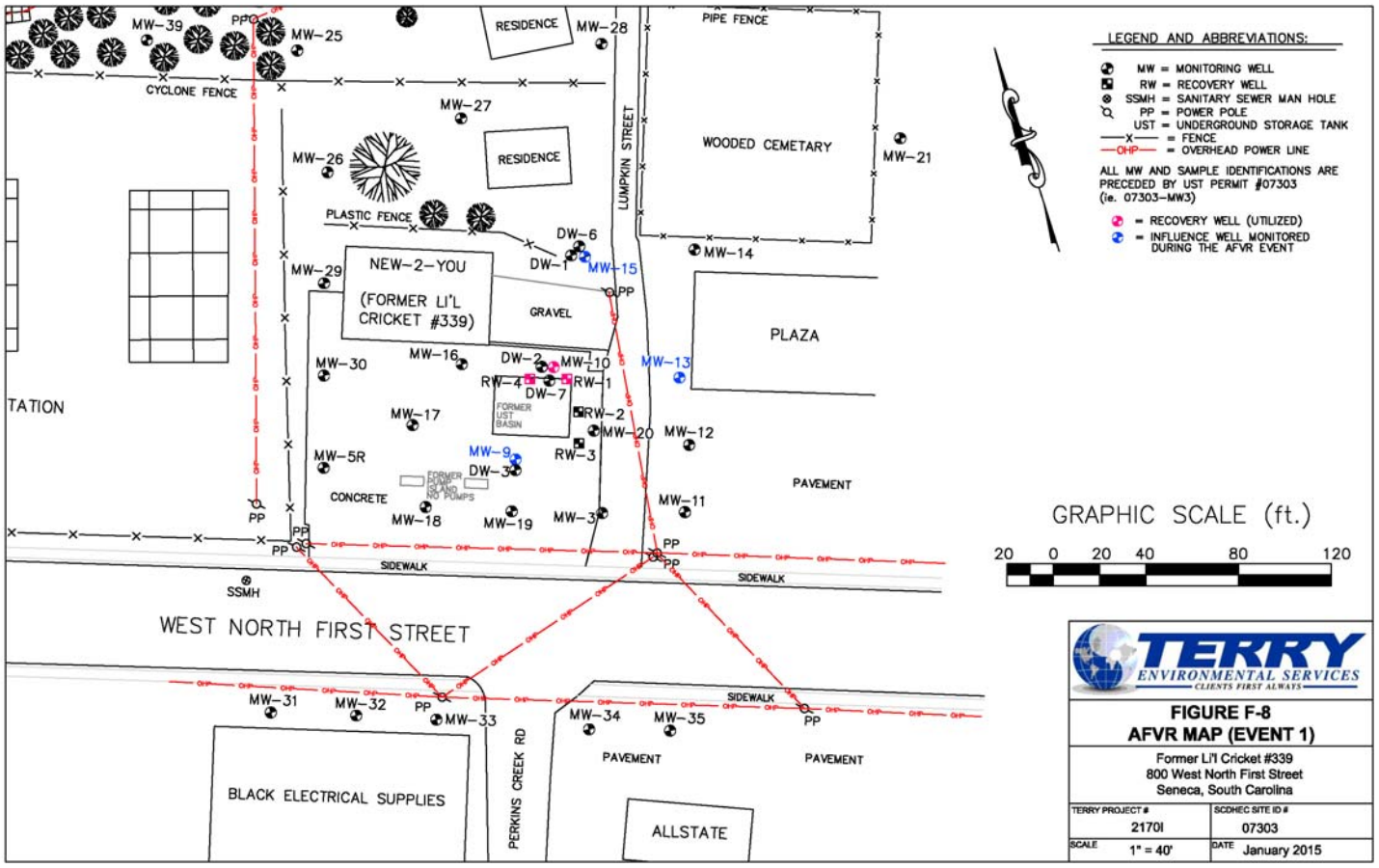
The disposal manifest for the recovery water generated during the January 26-28, 2015 and January 28-30, 2015 AFVR Events are included in Appendix G.

SECTION F-7
FREE PRODUCT THICKNESS TABLE (EVENT 1)
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
JANUARY 26-28, 2015

Well #	--	Depth to Product	Depth to Water	Product Thickness
MW-10	Initial	n/a	41.64	n/a
	Final	n/a	43.14	n/a
RW-1	Initial	n/a	41.60	n/a
	Final	n/a	42.49	n/a
RW-4	Initial	n/a	40.32	n/a
	Final	n/a	42.03	n/a
MW-9	Initial	n/a	39.63	n/a
	Final	n/a	39.86	n/a
MW-13	Initial	n/a	42.08	n/a
	Final	n/a	43.49	n/a
MW-15	Initial	n/a	44.69	n/a
	Final	n/a	44.88	n/a

SECTION F-7
FREE PRODUCT THICKNESS TABLE (EVENT 2)
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
JANUARY 28-30, 2015

Well #	--	Depth to Product	Depth to Water	Product Thickness
MW-20	Initial	n/a	41.32	n/a
	Final	n/a	41.27	n/a
RW-2	Initial	n/a	41.91	n/a
	Final	n/a	41.32	n/a
RW-3	Initial	n/a	40.88	n/a
	Final	n/a	41.28	n/a
MW-3	Initial	n/a	39.30	n/a
	Final	n/a	39.34	n/a
MW-10	Initial	n/a	43.14	n/a
	Final	n/a	42.08	n/a
MW-13	Initial	n/a	43.49	n/a
	Final	n/a	43.33	n/a

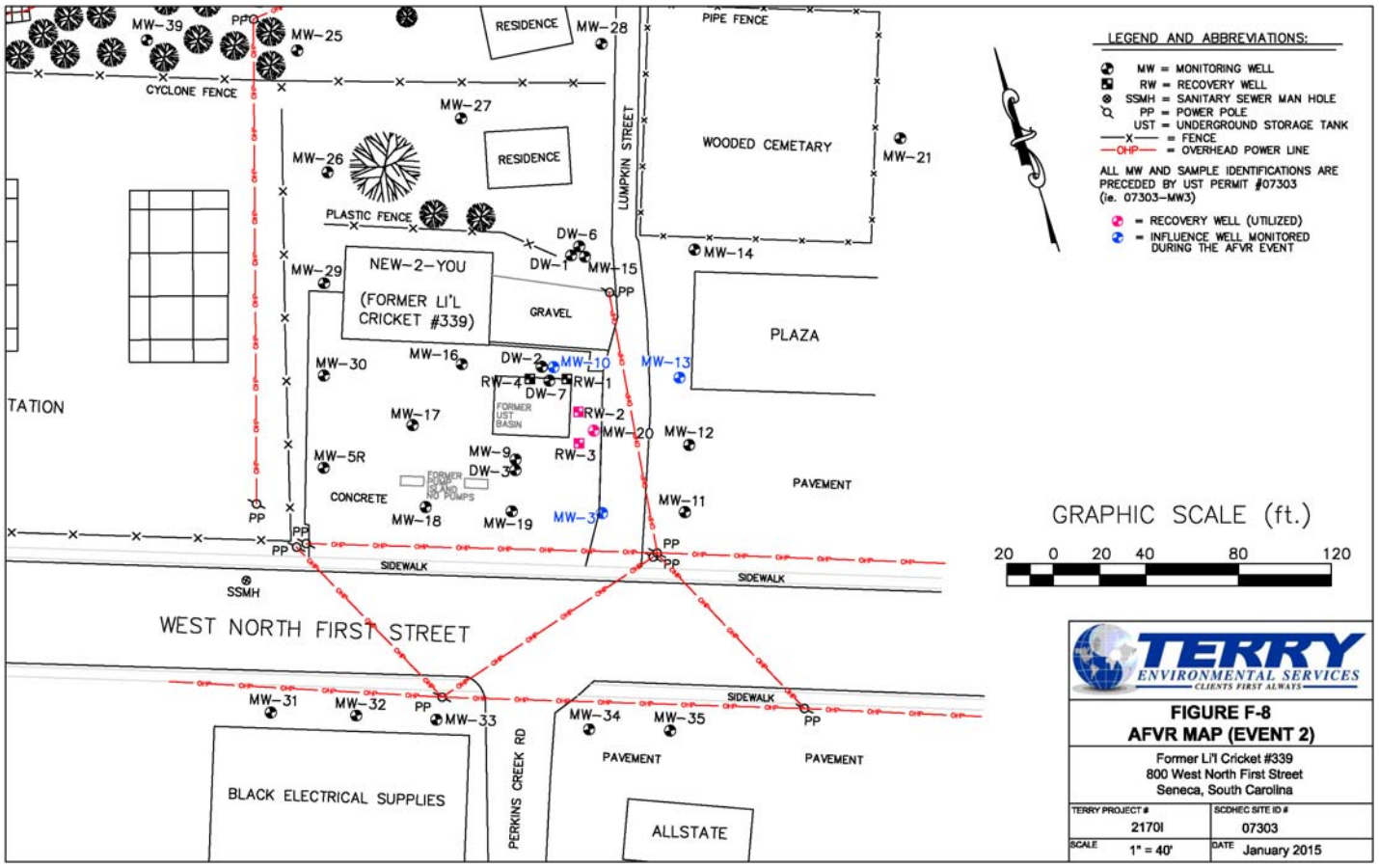


TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

FIGURE F-8
AFVR MAP (EVENT 1)

Former Li'l Cricket #339
800 West North First Street
Seneca, South Carolina

TERRY PROJECT #	SCDHEC SITE ID #
2170I	07303
SCALE 1" = 40'	DATE January 2015



TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

FIGURE F-8
AFVR MAP (EVENT 2)

Former Li'l Cricket #339
800 West North First Street
Seneca, South Carolina

TERRY PROJECT #	SCDHEC SITE ID #
2170I	07303
SCALE 1" = 40'	DATE January 2015

G. GRANULATED ACTIVATED CARBON INSTALLATION

Not Applicable. No granulated activated carbon units were installed during this scope of work.

H. RESULTS & DISCUSSION

1. Assessment Results

During this scope of work, two (2) separate 48-hour AFVR events were performed consecutively at the subject site. Prior to and upon completion of the two events, no free-phase product was measured in the recovery or influence wells. A total of 34.64 pounds of gasoline vapors (approximate equivalent of 5.54 gallons of gasoline) were recovered as emissions during the events.

The AFVR event was successful at recovering contaminant mass and exposing the free product smear zone to vacuum. As such, it is recommended to conduct two additional 48-hour AFVR events on the monitoring/recovery well network in the source area.

2. Aquifer Evaluation Results

Not Applicable

3. Fate & Transport Results

Not Applicable

4. Tier 1 Risk Evaluation

Not Applicable

5. Tier 2 Risk Evaluation

Not Applicable

I. TABLES

1. Soil Analytical Data

Table 1 Soil Analytical Data - Not Applicable

2. Potentiometric Data

Table 2 Potentiometric Data - Not Applicable

3. Laboratory Data

Table 3 Groundwater Laboratory Data - Not Applicable

4. Aquifer Characteristics

Table 4 Aquifer Characteristics - Not Applicable

5. Site Conceptual Model

Table 5 Site Conceptual Model - Not Applicable

J. FIGURES

1. Topographic Map

Figure 1 Topographic Map - Attached

2. Site Base Map

Figure 2 Site Base Map - Attached

3. CoC Site Maps

Figure 3 Soil CoC Map - Not Applicable

Figure 4 Groundwater CoC Map - Not Applicable

4. Site Potentiometric Maps

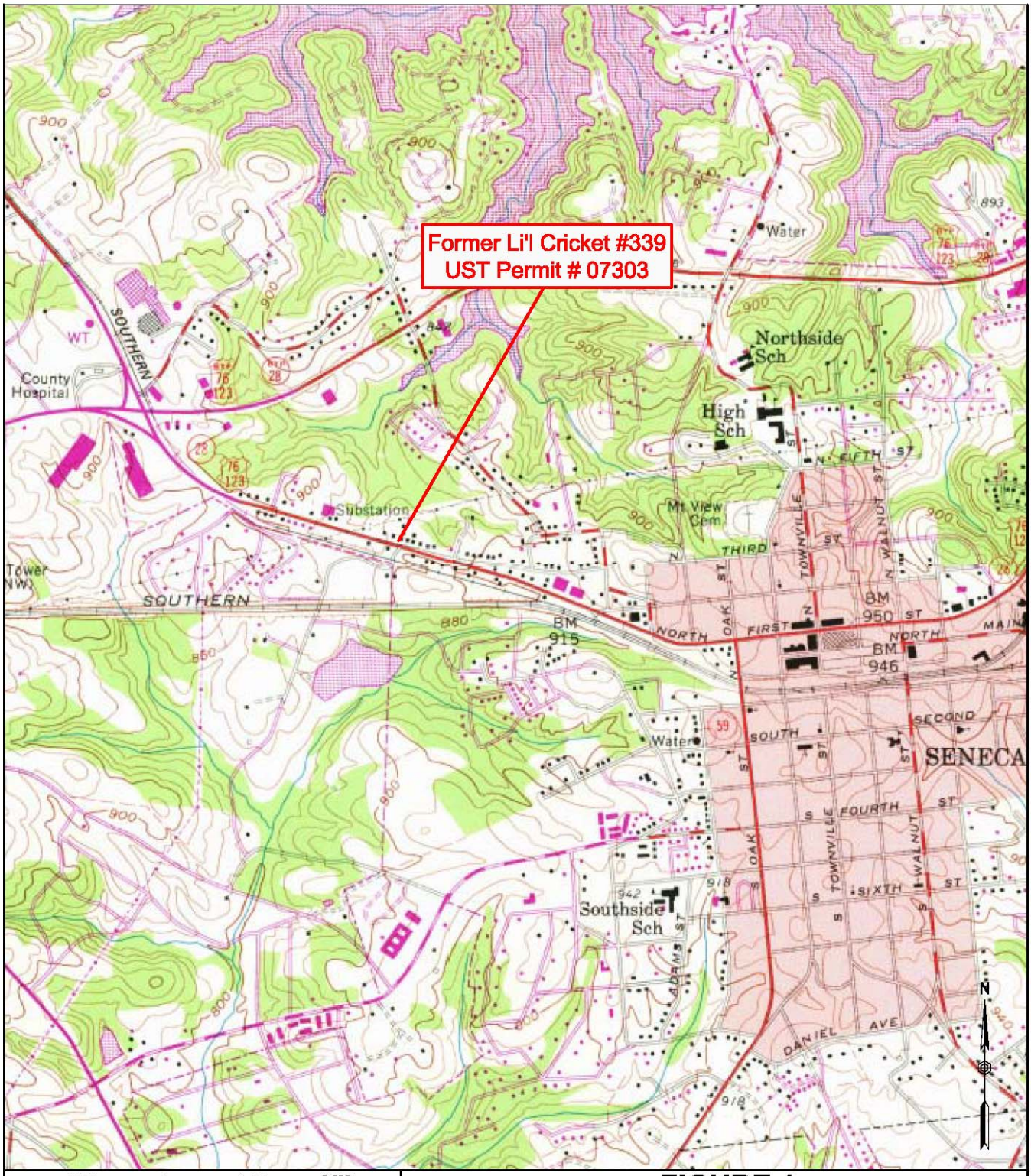
Figure 5 Site Potentiometric Map – Not Applicable

5. Geologic Cross Sections

Figure 6 Geologic Cross Sections - Not Applicable

6. Predicted Migration and Attenuation of CoCs

Figure 7 Predicted Migration and Attenuation of CoCs - Not Applicable



1,000 0 1,000 2,000
FEET

FIGURE 1
TOPOGRAPHIC MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, South Carolina

TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

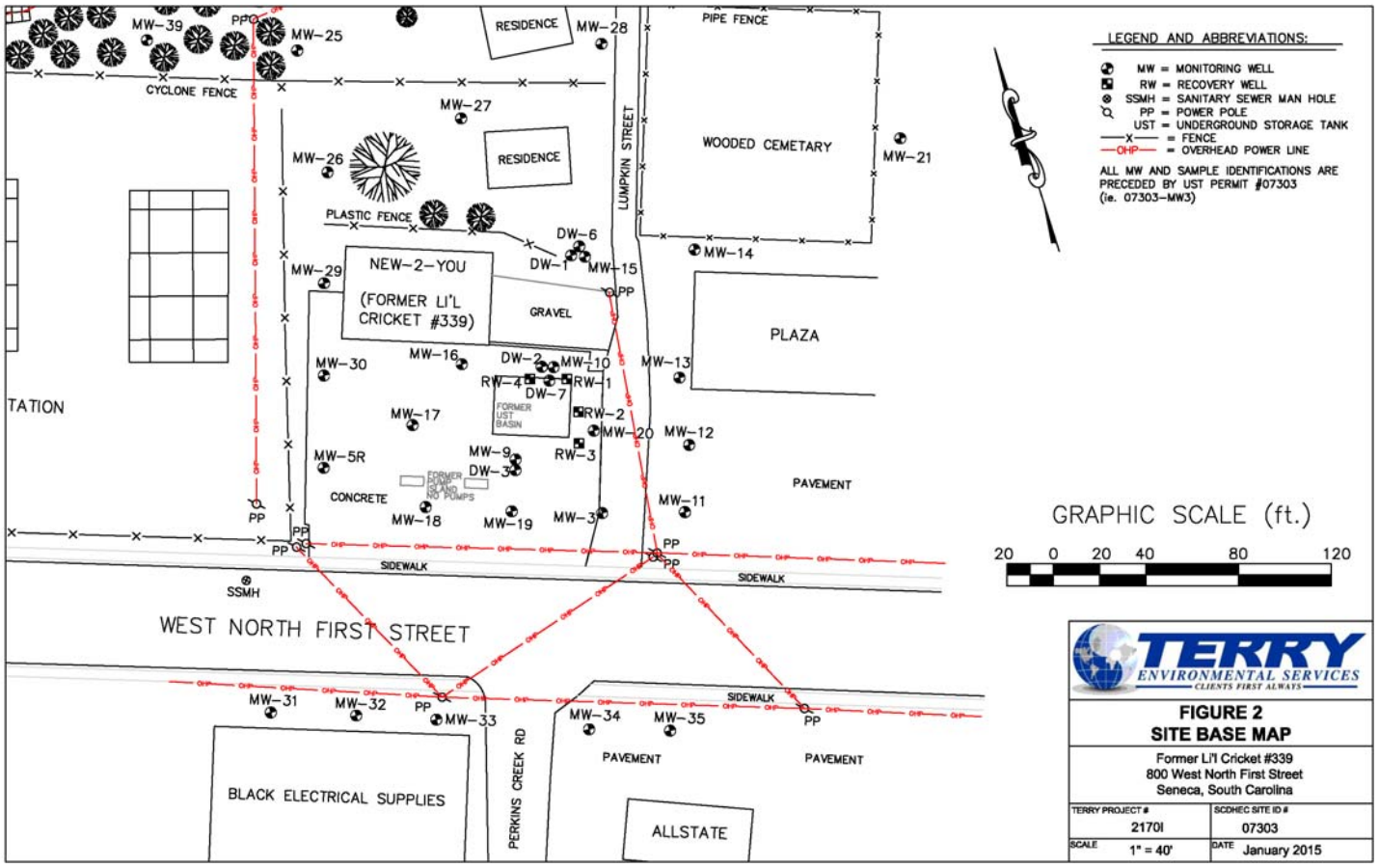
... providing our clients with the best services available, actually understanding our clients objectives, and making their obectives our own!

PO Box 25
Summerville, South Carolina 29484
(800) 325-0605 (843)-873-8200 fax: (843)-873-8765

SIZE	TERRY Project No.	DWG NO.	REV
B	2170I	Figure 1 Topo Map	

SCALE: As Shown

DATE: January 2015



TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

FIGURE 2
SITE BASE MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, South Carolina

TERRY PROJECT #	SCDHEC SITE ID #
2170I	07303
SCALE 1" = 40'	DATE January 2015

K. APPENDICES

1. Appendix A: Site Survey

Not Applicable

2. Appendix B: Sampling Logs and Laboratory Data

Not Applicable

3. Appendix C: Tax Map

Not Applicable

4. Appendix D: Soil Boring/Field Screening Logs

Not Applicable

5. Appendix E: Well Completion Logs/SCDHEC 1903 Forms

Not Applicable

6. Appendix F: Aquifer Evaluation Forms

Not Applicable

7. Appendix G: Disposal Manifest

8. Appendix H: Local Zoning Regulations

Not Applicable

9. Appendix I: Fate and Transport Modeling Data

Not Applicable

10. Appendix J: Access Agreements

Not Applicable

11. Appendix K: Data Verification Checklist

APPENDIX A

Site Survey
(Not Applicable)

APPENDIX B

Sampling Logs and Laboratory Data
(Not Applicable)

APPENDIX C

Tax Map
(Not Applicable)

APPENDIX D

Soil Boring/Field Screening Logs
(Not Applicable)

APPENDIX E

Well Completion Logs/SCDHEC 1903 Forms
(Not Applicable)

APPENDIX F

Aquifer Evaluation Forms
(Not Applicable)

APPENDIX G

Disposal Manifest

US Water Recovery

Non-Hazardous Manifest: Waste Water or Drums

Number:

1. Generator's EPA ID# (if applicable): | Waste ID Number:

2. Generator's Name and Mailing Address: TERRY ENVIRO 800 W. N. FIRST ST SENECA SC | Phone ( ) | P O #:

3. Agent of Generator and Mailing Address: TERRY ENVI SUMMERVILLE SC. | Phone ( ) | P O #:

4. Transporter Company Name: Foodsell Transport 571 old MT Holly rd | Phone ( )

Truck & Trailer License Number: Goose Creek SC 29445

5. Transporter U.S. EPA ID#:

6. Facility Name and Site Address:
US Water Recovery
511 Old Mt. Holly Rd.
Goose Creek, SC 29445
Phone: (843) 797-8674
Fax: (843) 797-2126

Mailing Address:
US Water Recovery
511 Old Mt. Holly Rd.
Goose Creek, SC 29445
Phone: (843) 797-3111
Fax: (843) 797-1884

7 Facility U.S. EPA ID#:

Start Level: | End Level: | Total Gallons: | Tank Number

8. U.S. DOT Description	Container No.	Container Type	Unit	Quantity
a. Non-Hazardous, non-regulated waste water	101	VT	Gal	3000

9. Generator's Certification: I hereby declare that the contents of this consignment are not hazardous by definition or listing and are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina. I further certify that the contents of this consignment are as represented by the description contained on the Waste Profile Form previously submitted to and approved by the Designated Facility.

Printed/Typed Name: Daniel Kinsman | Signature: | Date: 1/31/15

10. Transporter Acknowledgement of Receipt of Materials

Printed/Typed Name: Daniel Kinsman | Signature: | Date: 1/31/15

11. Discrepancy Indication space:

12. Facility Owner or Operator: Certification of Receipt of Materials

Printed/Typed Name: David Kinsman | Signature: | Date 1/31/15

White - Facility Yellow - Office Pink - Transporter Blue - Generator

9329

APPENDIX H

Local Zoning Regulations
(Not Applicable)

APPENDIX I

Fate and Transport Modeling Data
(Not Applicable)

APPENDIX J

Access Agreements
(Not Applicable)

APPENDIX K

Data Verification Checklist

Contractor Checklist – Former Li'l Cricket #339

UST Permit #07303 - TERRY Project #2170I

Item #	Item	Yes	No	N/A
1	Is Facility Name, Permit #, and address provided?	X		
2	Is UST Owner/Operator name, address, & phone number provided?	X		
3	Is name, address, & phone number of current property owner provided?	X		
4	Is the DHEC Certified UST Site Rehabilitation Contractor's Name, Address, telephone number, and certification number provided?	X		
5	Is the name, address, telephone number, and certification number of the well driller that installed borings/monitoring wells provided?			X
6	Is the name, address, telephone number, and certification number of the certified laboratory(ies) performing analytical analyses provided?			X
7	Has the facility history been summarized?	X		
8	Has the regional geology and hydrogeology been described?	X		
9	Are the receptor survey results provided as required?			X
10	Has current use of the site and adjacent land been described?	X		
11	Has the site-specific geology and hydrogeology been described?	X		
12	Has the primary soil type been described?	X		Sect. B3
13	Have field screening results been described?			X
14	Has a description of the soil sample collection and preservation been detailed?			X
15	Has the field screening methodology and procedure been detailed?			X
16	Has the monitoring well installation and development dates been provided?			X
17	Has the method of well development been detailed?			X
18	Has justification been provided for the locations of the monitoring wells?			X
19	Have the monitoring wells been labeled in accordance with the UST QAPP guidelines?	X		
20	Has the groundwater sampling methodology been detailed?			X
21	Have the groundwater sampling dates and groundwater measurements been provided?			X
22	Has the purging methodology been detailed?			X
23	Has the volume of water purged from each well been provided along with measurements to verify that purging is complete?			X
24	If free-product is present, has the thickness been provided?			X
25	Does the report include a brief discussion of the assessment done and the results?	X		
26	Does the report include a brief discussion of the aquifer evaluation and results?			X
27	Does the report include a brief discussion of the fate & transport models used?			X
28	Are the site-conceptual model tables included? (Tier 1 Risk Evaluation)			X
29	Have the exposure pathways been analyzed? (Tier 2 Risk Evaluation)			X
30	Have the SSTLs for each compound and pathway been calculated? (Tier 2 Risk Evaluation)			X
31	Have recommendations for further action been provided and explained?	X		
32	Has the soil analytical data for the site been provided in tabular format? (Table 1)			X
33	Has the potentiometric data for the site been provided in tabular format? (Table 2)			X
34	Has the current and historical laboratory data been provided in tabular format?			X

Item #	Item	Yes	No	N/A
35	Have the aquifer characteristics been provided and summarized on the appropriate form?			X
36	Have the Site conceptual model tables been included? (Tier 1 Risk Evaluation)			X
37	Has the topographic map been provided with all required elements? (Figure 1)	X		
38	Has the site base map been provided with all required elements? (Figure 2)	X		
39	Have the CoC site maps been provided? (Figure 3 & Figure 4)			X
40	Has the site potentiometric map been provided? (Figure 5)			X
41	Have the geologic cross-sections been provided? (Figure 6)			X
42	Have maps showing the predicted migration of the CoCs through time been provided? (Tier 2 Risk Evaluation)			X
43	Has the site survey been provided and include all necessary elements? (Appendix A)			X
44	Have the sampling logs, chain of custody forms, and the analytical data package been included with all required elements? (Appendix B)			X
45	Is the laboratory performing the analyses properly certified?			X
46	Has the tax map been included with all necessary elements? (Appendix C)			X
47	Have the soil boring/field screening logs been provided? (Appendix D)			X
48	Have the well completion logs and SCDHEC Form 1903 been provided? (Appendix E)			X
49	Have the aquifer evaluation forms, data, graphs, equations, etc. been provided? (Appendix F)			X
50	Have the disposal manifests been provided? (Appendix G)	X		
51	Has a copy of the local zoning regulations been provided? (Appendix H)			X
52	Has all fate and transport modeling been provided? (Appendix I)			X
53	Have copies of all access agreements obtained by the contractor been provided? (Appendix J)			X
54	Has a copy of this form been attached to the final report and are explanations for any missing or incomplete data been provided?	X		

Explanation for missing and incomplete information?

Not Applicable for the current directive.

D H E C

PROMOTE PROTECT PROSPER

W. Marshall Taylor Jr., Acting Director

Promoting and protecting the health of the public and the environment

MR GORDON ZUBER
LIL CRICKET CONVENIENCE STORES INC
PO BOX 4551
SPARTANBURG SC 29305

MAR 0 3 2015

Re: Site-specific work plan request
Former Li'l Cricket #339, 800 North West First Street, Seneca, SC
UST Permit #07303
Release reported April 27, 1989
Oconee County

Dear Mr. Zuber:

The Underground Storage Tank (UST) Management Division of the South Carolina Department of Health and Environmental Control (Agency) recognizes your commitment to continue work at this site using Terry Environmental Services, Inc. as your contractor. The next scope of work is ground-water sampling as outlined in UST Quality Assurance Program Plan (QAPP) Revision 2.0. Please have your contractor plan to sample all monitoring and recovery wells associated with the referenced site, and surface water locations SW-1 and SW-2 for BTEX+naph+MtBE+DCA+oxygenates and EDB. Do not sample wells containing measurable free-phase product. All work should be done in accordance with QAPP Revision 2.0 and in compliance with all applicable regulations. A copy of QAPP Revision 2.0 is available at http://www.scdhec.gov/environment/docs/QAPP_Rev-2_April2013.pdf.

Your contractor must complete and submit a site-specific work plan and cost agreement for the sampling within 30 days of the date of this letter. Upon review and approval of the plan and cost agreement, the Division will issue a directive to you for the work.

On all correspondence concerning this site, please reference UST Permit #07303. If there are any questions, feel free to contact me by telephone at (803) 898-0655, by fax at (803) 898-0673, or by e-mail at padgetjp@dhec.sc.gov.

Sincerely,

Joel P. Padgett, P.G., Geologist/Hydrologist
Corrective Action Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

JPP/jpp
07303.sswp1

cc Thomas Glenn, 800 West North 1st Street, Seneca, SC 29678
Terry Environmental Services, Inc., P.O. Box 25, Summerville, SC 29484
Technical file

D H E C
PROMOTE PROTECT PROSPER

UST MAR 17 2015 PROGRAM

Site-Specific Work Plan for Approved ACQAP
Underground Storage Tank Management Division

UST 37 tech DOCKETING

To: Joel Padgett (SCDHEC Project Manager)
From: Kelly Cone (Contractor Project Manager)
Contractor: TERRY Environmental UST Contractor Certification Number: UCC-0223

Facility Name: Former Li'l Cricket #339 UST Permit #: 07303
Facility Address: 800 West North First Street, Seneca, South Carolina 29678
Responsible Party: Li'l Cricket Convenience Store (Mr. Jim Zuber) Phone: 910-512-9692
RP Address: 7 White Ash Drive, Asheville, NC 28803
Property Owner (if different): Thomas & Dorothy Glenn
Property Owner Address: 800 West North First Street, Seneca, South Carolina 29678
Current Use of Property: Commercial Property

Scope of Work (Please check all that apply)

☐ IGWA ☐ Tier II ☑ Groundwater Sampling ☐ GAC
☐ Tier I ☐ Monitoring Well Installation ☐ Other _____

Analyses (Please check all that apply)

Groundwater/Surface Water:

☑ BTEXNMDCA (8260B) ☐ Lead ☐ BOD ☐ Methane
☑ Oxygenates (8260B) ☐ 8 RCRA Metals ☐ Nitrate ☐ Ethanol
☑ EDB (8011) ☐ TPH ☐ Sulfate ☐ Dissolved Iron
☐ PAH (8270D) ☐ pH ☐ Other _____

Soil:

☐ BTEXN ☐ 8 RCRA Metals ☐ TPH-DRO (3550B/8015B) ☐ Grain Size
☐ PAH ☐ Oil & Grease (9071) ☐ TPH-GRO (5030B/8015B) ☐ TOC

Air:

☐ BTEXN

Sample Collection (Estimate the number of samples of each matrix that are expected to be collected.)

-- Soil -- Water Supply Wells -- Air 3 Field Blank
55 Monitoring Wells 2 Surface Water 3 Duplicate 3 Trip Blank

Field Screening Methodology

Estimate number and total completed depth for each point, and include their proposed locations on the attached map.

# of shallow points proposed: _____ Estimated Footage: _____ feet per point
# of deep points proposed: _____ Estimated Footage: _____ feet per point
Field Screening Methodology: _____

Permanent Monitoring Wells

Estimate number and total completed depth for each well, and include their proposed locations on the attached map.

# of shallow wells: _____ Estimated Footage: _____ feet per point
# of deep wells: _____ Estimated Footage: _____ feet per point
# of recovery wells: _____ Estimated Footage: _____ feet per point
Monitoring Well development method (consistent with SOP): _____
Comments, if warranted:

_____
_____
_____

UST Permit #: 07303 Facility Name: Former Li'l Cricket #339

Implementation Schedule (Number of calendar days from approval)
Field Work Start-Up: 14-30 days Field Work Completion: 30-45 days
Report Submittal: 60 days # of Copies Provided to Property Owners: _____

Aquifer Characterization
Pump Test: ☐ Slug Test: ☐ (Check one and provide explanation below for choice)

Investigation Derived Waste Disposal
Soil: -- Tons Purge Water: 220 Gallons
Drilling Fluids: -- Gallons Free-Phase Product: -- Gallons

Additional Details For This Scope of Work
For example, list wells to be sampled, wells to be abandoned/repaired, well pads/bolts/caps to replace, details of AFVR event, etc.
Conduct a comprehensive sampling event; monitoring wells MW-3, MW-5R, MW-9 thru MW-48, DW-1 thru DW-3, DW-5 thru DW-7, DW-9 thru DW-11, recovery wells RW-1 thru RW-4, and surface water locations SW-1 and SW-2 will be sampled.
The monitoring wells were last sampled February, March, and May 2011 and will require purging prior to sampling.
A subsequent survey will also be conducted on RW-1 thru RW-4.

Compliance With Annual Contractor Quality Assurance Plan (ACQAP)
Yes Laboratory as indicated in ACQAP? (Yes/No) If no, indicate laboratory information below.
Name of Laboratory: _____
SCDHEC Certification Number: _____
Name of Laboratory Director: _____

____ Well Driller as indicated in ACQAO? (Yes/No) If no, indicate driller information below.
Name of Well Driller: _____
SCLLR Certification Number: _____

____ Other variations from ACQAP. Please describe below.

Attachments
1. Attach a copy of the relevant portion of the USGS topographic map showing the site location.
2. Prepare a site base map. This map must be accurately scaled, but does not need to be surveyed. The map must include the following:
   - North Arrow
   - Location of property lines
   - Location of buildings
   - Previous soil sampling locations
   - Previous monitoring well locations
   - Proposed soil boring locations
   - Proposed monitoring well locations
   - Legend with facility name and address, UST permit number, and bar scale
   - Streets or highways (indicate names and numbers)
   - Location of all present and former ASTs and USTs
   - Location of all potential receptors
3. Assessment Component Cost Agreement, SCDHEC Form D-3664

D H E C

PROMOTE PROTECT PROSPER

South Carolina Department of Health and Environmental Control

ASSESSMENT COMPONENT COST AGREEMENT
SOUTH CAROLINA
Department of Health and Environmental Control
Underground Storage Tank Management Division
State Underground Petroleum Environmental Response Bank Account
May 15, 2014

Facility Name: Former Li'l Cricket #339

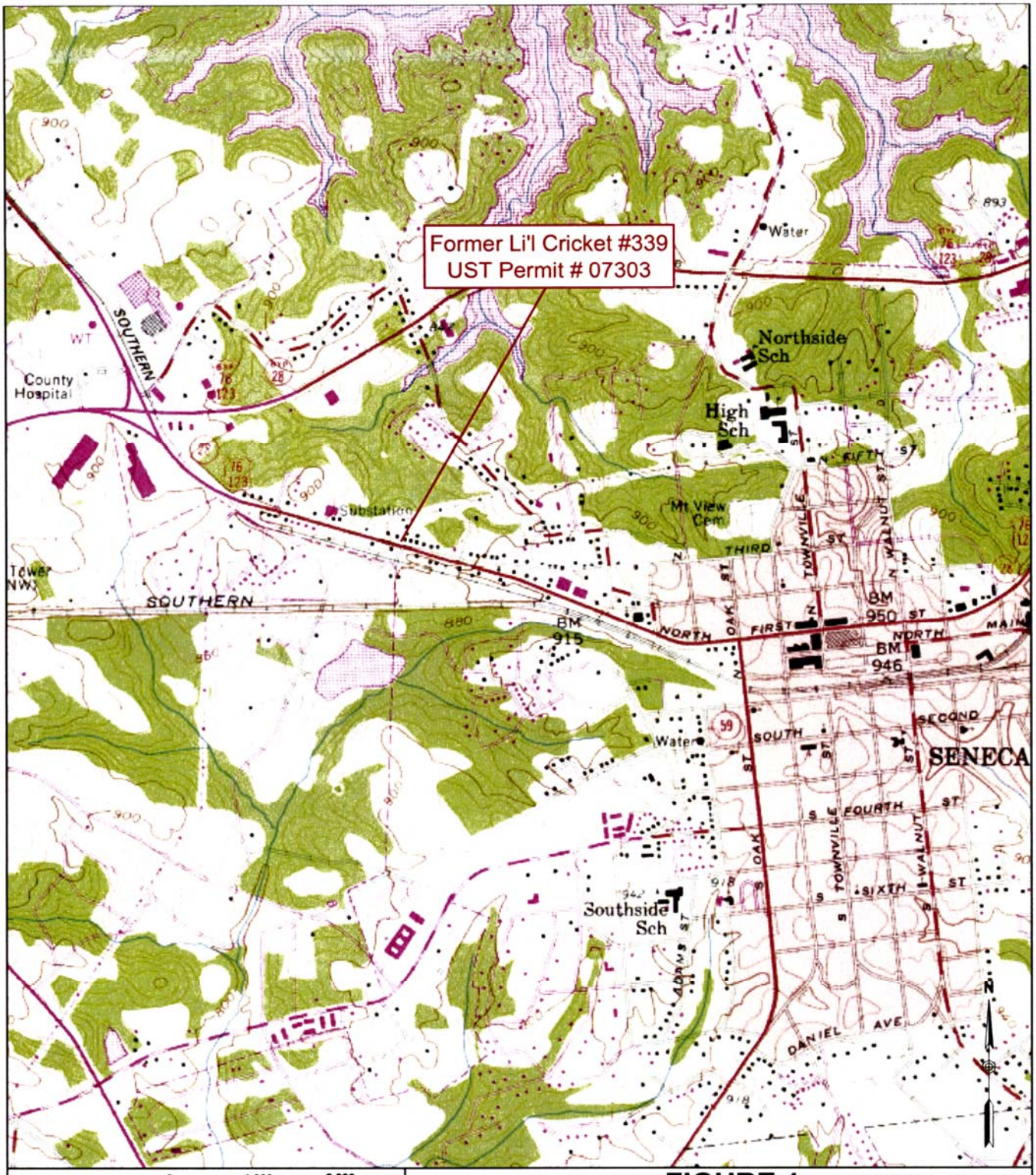
UST Permit #: 07303 **Cost Agreement #:** Proposal

ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
1. **Plan Preparation**				
A1. Site-specific Work Plan	1	each	$150.00	$150.00
B1. Tax Map		each	$70.00	$0.00
C1. Tier II or Comp. Plan /QAPP Appendix B		each	$250.00	$0.00
2. A1. **Receptor Survey ***		each	$551.00	$0.00
3. **Survey (500 ft x 500 ft)**				
A1. Comprehensive Survey		each	$1,040.00	$0.00
B. Subsurface Geophysical Survey				
1B. < 10 meters below grade		each	$1,300.00	$0.00
2B. > 10 meters below grade		each	$2,310.00	$0.00
C1. Geophysical UST or Drum Survey		each	$910.00	$0.00
4. **Mob/Demob**				
A1. Equipment		each	$1,020.00	$0.00
B1. Personnel	1	each	$423.00	$423.00
C1. Adverse Terrain Vehicle		each	$500.00	$0.00
5. A1. **Soil Borings (hand auger)***		foot	$5.00	$0.00
6. **Soil Borings (requiring equipment, push technology, etc)* or Field Screening (including water ssample, soil sample, soil gas sample, etc.)***				
A1. Standard		per foot	$15.00	$0.00
C1. Fractured Rock		per foot	$20.20	$0.00
7. A1. **Soil Leachability Model**		each	$60.00	$0.00
8. **Abandonment (per foot)***				
A1. 2" diameter or less		per foot	$3.10	$0.00
B1. Greater than 2" to 6" diameter		per foot	$4.50	$0.00
C1. Dug/Bored well (up to 6 feet diameter)		per foot	$15.00	$0.00
9. **Well Installation (per foot)***				
A1. Water Table (hand augered)		per foot	$10.60	$0.00
B1. Water Table (drill rig)		per foot	$38.00	$0.00
C1. Telescoping		per foot	$50.00	$0.00
D1. Rock Drilling		per foot	$58.00	$0.00
E1. 2" Rock Coring		per foot	$30.90	$0.00
G1. Rock Multi-sampling ports/screens		per foot	$33.40	$0.00
H1. Recovery Well (4" diameter)		per foot	$45.00	$0.00
II. Pushed Pre-packed screen (1.25" dia)		per foot	$15.00	$0.00
J1. Rotosonic (2" diameter)		per foot	$44.00	$0.00
K. Re-develop Existing Well		per foot	$11.00	$0.00
10. **Groundwater Sample Collection / Gauge Depth to Water or Product ***				
A1. Groundwater Purge	55	per well/recepto	$60.00	$3,300.00
B1. Air or Vapors		per receptor	$12.00	$0.00
C1. Water Supply		per well/recepto	$22.00	$0.00
D1. Groundwater NP, SW (2), or Duplicate (3)	5	per well/recepto	$28.00	$140.00
E1. Gauge Well only		per well	$7.00	$0.00
F1. Sample Below Product		per well	$12.00	$0.00
G1. Passive Diffusion Bag		each	$26.00	$0.00
H1. Field Blank	3	each	$24.60	$73.80

11. Laboratory Analyses-Groundwater					
A2. BTEXNM+Oxyg's+1,2 DCA+Eth(8260B)	66	per sample	$122.00		$8,052.00
AA1. Lead, Filtered		per sample	$13.80		$0.00
B2. Rush EPA Method 8260B (All of item A.)		per sample	$153.60		$0.00
C2. Trimethal, Butyl, and Isopropyl Benzenes		per sample	$36.40		$0.00
D1. PAH's		per sample	$60.60		$0.00
E1. Lead		per sample	$16.00		$0.00
F1. EDB by EPA 8011	63	per sample	$45.20		$2,847.60
FF1. EDB by EPA Method 8011 Rush		per sample	$68.20		$0.00
G1. 8 RCRA Metals		per sample	$63.40		$0.00
H1. TPH (9070)		per sample	$41.00		$0.00
II. pH		per sample	$5.20		$0.00
J1. BOD		per sample	$20.00		$0.00
PP. Ethanol		per sample	$14.80		$0.00
11. **Analyses-Soil**					
Q1. BTEX + Naphth.		per sample	$64.00		$0.00
R1. PAH's		per sample	$64.04		$0.00
S1. 8 RCRA Metals		per sample	$56.40		$0.00
U1. TPH-DRO (3550C/8015C)		per sample	$40.00		$0.00
V1. TPH- GRO (5030B/8015C)		per sample	$35.96		$0.00
W1. Grain size/hydrometer		per sample	$104.00		$0.00
X1. Total Organic Carbon		per sample	$30.60		$0.00
11. **Analyses-Air**					
Y1. BTEX + Naphthalene		per sample	$216.00		$0.00
11. **Analyses-Free Phase Product**					
Z1. Hydrocarbon Fuel Identification		per sample	$357.00		$0.00
12. **Aquifer Characterization**					
A1. Pumping Test*		per hour	$23.00		$0.00
B1. Slug Test*		per test	$191.00		$0.00
C1. Fractured Rock		per test	$100.00		$0.00
13. A1. **Free Product Recovery Rate Test***		each	$38.00		$0.00
14. **Fate/Transport Modeling**					
A1. Mathematical Model		each	$100.00		$0.00
B1. Computer Model		each	$100.00		$0.00
15. **Risk Evaluation**					
A. Tier I Risk Evaluation		each	$300.00		$0.00
B1. Tier II Risk Evaluation		each	$100.00		$0.00
16. A1. **Subsequent Survey***	1	each	$260.00		$260.00
17. **Disposal (gallons or tons)***					
AA. Wastewater	220	gallon	$0.56		$123.20
BB. Free Product		gallon	$0.50		$0.00
C1. Soil Treatment/Disposal		ton	$60.00		$0.00
D1. Drilling fluids		gallon	$0.42		$0.00
18. **Miscellaneous (attach receipts)**					
		each	$0.00		$0.00
		each	$0.00		$0.00
		each	$0.00		$0.00
20. **Tier I Assessment (Use DHEC 3665 form)**		standard			$0.00
21. **IGWA (Use DHEC 3666 form)**		standard			$0.00
22. **Corrective Action (Use DHEC 3667 form)**		PFP Bid			$0.00

23. **Aggressive Fluid & Vapor Recovery (AFVR)**					
A1. 8-hour Event*		each	$1,375.00		$0.00
A2. 24-hour Event*		each	$3,825.00		$0.00
A3. 48-hour Event*		each	$6,265.00		$0.00
A4. 96-hour Event*		each	$12,567.50		$0.00
C1. Off-gas Treatment 8 hour		per event	$122.50		$0.00
C2. Off-gas Treatment 24 hour		per event	$241.50		$0.00
C3. Off-gas Treatment 48 hour		per event	$327.00		$0.00
C4. Off-gas Treatment 96 hour		per event	$780.00		$0.00
D. Site Reconnaissance		each	$203.25		$0.00
E1. Additional Hook-ups		each	$25.75		$0.00
F. Effluent Disposal		gallon	$0.44		$0.00
G. AFVR Mobilization/Demobilization		each	$391.50		$0.00
24. **Granulated Activated Carbon (GAC) filter system installation & service:**					
A1. New GAC System Installation*		each	$1,900.00		$0.00
BB. Refurbished GAC Sys. Install*		each	$900.00		$0.00
C1. Filter replacement/removal*		each	$350.00		$0.00
DD. GAC System removal, cleaning, & refurbishment*		each	$275.00		$0.00
E1. GAC System housing*		each	$250.00		$0.00
F. In-line particulate filter		each	$150.00		$0.00
G1. Additional piping & fittings		foot	$1.50		$0.00
25. **Well Repair**					
A1. Additional Copies of the Report Delivered		each	$50.00		$0.00
B1. Repair 2x2 MW pad*		each	$50.00		$0.00
C1. Repair 4x4 MW pad*		each	$88.00		$0.00
D1. Repair well vault*		each	$118.00		$0.00
F1. Replace well cover bolts		each	$2.60		$0.00
G. Replace locking well cap & lock		each	$15.00		$0.00
H1. Replace/Repair stick-up*		each	$134.00		$0.00
I1. Convert Flush-mount to Stick-up*		each	$150.00		$0.00
J1. Convert Stick-up to Flush-mount*		each	$130.00		$0.00
K1. Replace missing/illegible well ID plate		each	$12.00		$0.00
Report Prep & Project Management	12%	percent	$15,369.60		$1,844.35
TOTAL					$17,213.95

*The appropriate mobilization cost can be added to complete these tasks, as necessary



1,000 0 1,000 2,000
FEET

FIGURE 1
TOPOGRAPHIC MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, South Carolina

TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

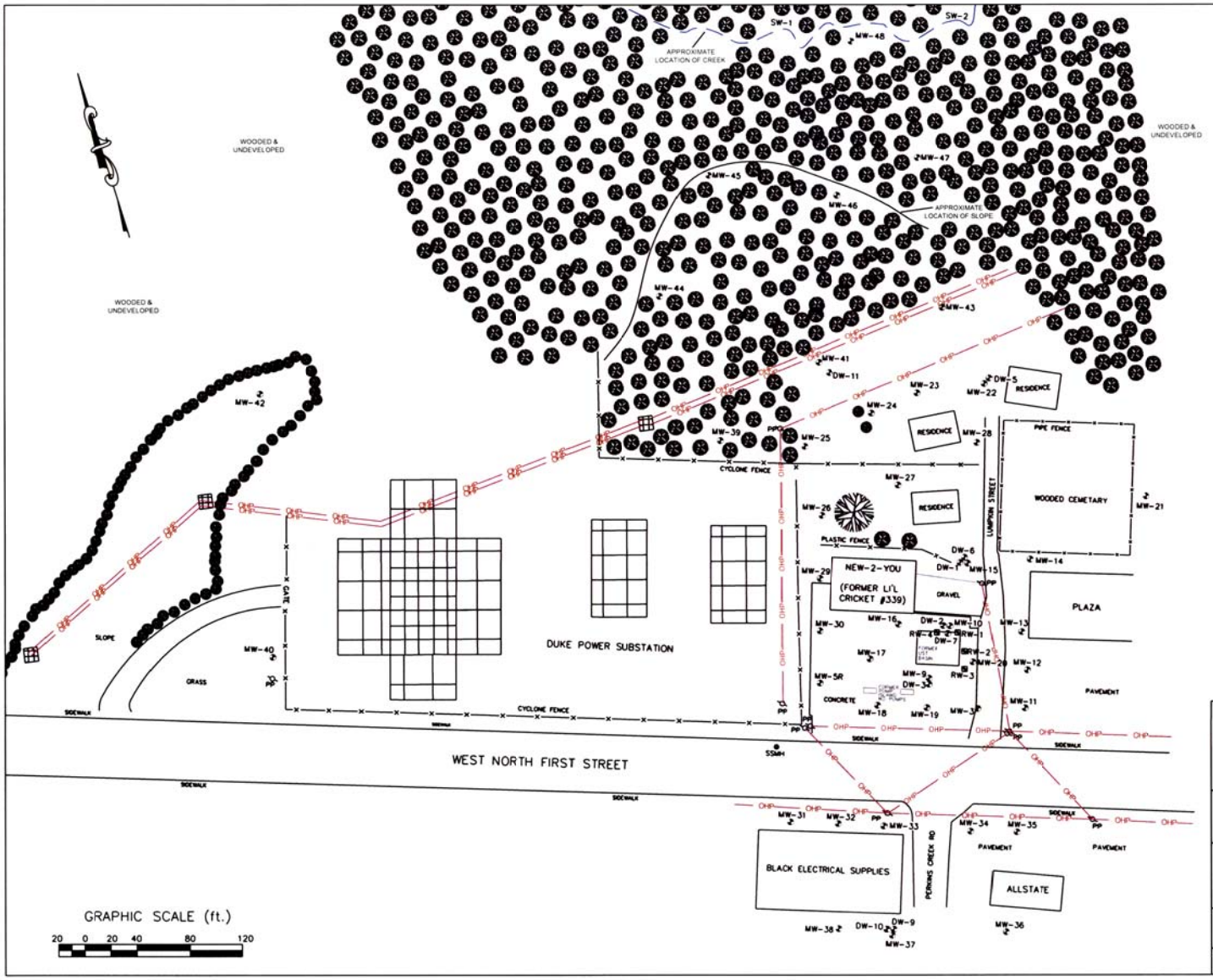
... providing our clients with the best services available, actually understanding our clients objectives, and making their obectives our own!

PO Box 25
Summerville, South Carolina 29484
(800) 325-0605 (843)-873-8200 fax (843)-873-8765

SIZE	TERRY Project No.	DWG NO.	REV
B	2170J	Figure 1 Topo Map	

SCALE: As Shown

DATE: March 2015



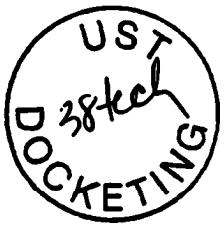
TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

FIGURE 2
SITE BASE MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170J	07303
SCALE 1" = 80'	DATE March 2015

D H E C
PROMOTE PROTECT PROSPER
W. Marshall Taylor Jr., Acting Director
Promoting and protecting the health of the public and the environment



MR GORDON ZUBER
LIL CRICKET CONVENIENCE STORES INC
PO BOX 4551
SPARTANBURG SC 29305

Re: Ground-water sampling directive
Former Li'l Cricket #339, 800 North West First Street, Seneca, SC
UST Permit #07303; CA #50035
Release reported April 27, 1989
Site-specific work plan received March 17, 2015
Oconee County

Dear Mr. Zuber:

The Underground Storage Tank (UST) Management Division of the South Carolina Department of Health and Environmental Control (Agency) has reviewed and approved the referenced site-specific work plan (SSWP) submitted by Terry Environmental Services, Inc. Ground-water sampling as outlined in the plan may proceed immediately upon receipt of this letter. The work must be conducted in accordance with Quality Assurance Program Plan (QAPP) Revision 2.0 for the UST Management Division. A copy of QAPP Revision 2.0 is available at http://www.scdhec.gov/environment/docs/QAPP_Rev-2_April2013.pdf.

Cost Agreement (CA) #50035 has been approved in the amount shown on the enclosed cost agreement form for the sampling of 55 monitoring/recovery wells and 2 surface water locations for BTEX+naph+MtBE+DCA+oxygenates and EDB. Do not sample wells containing measurable free-phase product. Please note that all applicable South Carolina certification requirements apply to the sampling and report preparation. Further, all site rehabilitation activities must be performed and submitted by a South Carolina-Certified Underground Storage Tank Site Rehabilitation Contractor.

A monitoring report, contractor checklist (QAPP Appendix K), and invoice are due within 60 days from the date of this letter. Your contractor may directly bill the State Underground Petroleum Environmental Response Bank (SUPERB) Account. Interim invoices may not be submitted for this scope of work. If the invoice is not submitted within 120 days from the date of this letter, monies allocated to pay this invoice will be uncommitted. This means that the invoice will not be processed for payment until all other committed funds are paid or monies become available.

Sections 44-2-110(4) and 44-2-130 of the SUPERB Statute state that no costs will be allowed unless prior approval from the Agency is obtained. If for any reason additional tasks will be completed, these additional tasks and the associated cost must be pre-approved by the Agency for the cost to be paid. The Agency reserves the authority to pay only for work properly performed and/or technically justified and will only pay rates in accordance with established criteria. Further, the Agency reserves the right to question and/or reject costs if deemed unreasonable and the right to audit project records at any time during the project or after completion of work.

The UST Management Division grants pre-approval for transportation of petroleum-contaminated, investigative-derived waste (IDW) from the referenced site to a permitted treatment/disposal facility. The transport and disposal must be conducted in accordance with QAPP revision 2.0.

On all correspondence concerning this facility, please reference UST Permit #07303. If there are any questions concerning this project, feel free to contact me by telephone at (803) 898-0655, by fax at (803) 898-0673, or by e-mail at padgetjp@dhec.sc.gov.

Sincerely,

Joel P. Padgett, P.G., Geologist/Hydrologist
Corrective Action Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

JPP/jpp
07303.mr1

enc: Approved cost agreement form

cc: Thomas Glenn, 800 West North 1st Street, Seneca, SC 29678 (w/o enc)
Terry Environmental Services, Inc., P.O. Box 25, Summerville, SC 29484 (w/enc)
Technical file (w/enc)

Approved Cost Agreement 50035

Facility: 07303 LIL CRICKET 339

PADGETJP

PO Number:

Task / Description	Categories	Item	Description	Qty / Pct	Unit Price	Amount
01 PLAN						
		A1	SITE SPECIFIC WORK PLAN	1.0000	150.00	150.00
04 MOB/DEMOB						
		B1	PERSONNEL	4.0000	423.00	1,692.00
10 SAMPLE COLLECTION						
		A1	GROUNDWATER (PURGE)	55.0000	60.00	3,300.00
		C1	WATER SUPPLY	2.0000	22.00	44.00
		D1	GROUNDWATER NO PURGE/DUPLICATE	3.0000	28.00	84.00
		H1	FIELD BLANK	3.0000	24.60	73.80
11 ANALYSES						
	GW GROUNDWATER	A2	BTEXNM+OXYGS+1,2-DCA+ETH-8260B	66.0000	122.00	8,052.00
		F1	EDB BY 8011	63.0000	45.20	2,847.60
17 DISPOSAL						
		AA	WASTEWATER	220.0000	0.56	123.20
19 RPT/PROJECT MNGT & COORDINATIO						
		PRT	REPORT PREPARATION	0.1200	16,366.60	1,963.99
				Total Amount		18,330.59

D H E C

PROMOTE PROTECT PROSPER

BUREAU OF LAND AND WASTE MANAGEMENT
UST Management Division
2600 Bull Street
Columbia, SC 29201

Return Service Requested

UST
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PRSRT

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Thomas Glenn
800 W North 1st Street
Seneca SC 29678

UST
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29201@1708
CYX-SMP 2967

D H E C
PROMOTE PROTECT PROSPER
W. Marshall Taylor Jr., Acting Director
Promoting and protecting the health of the public and the environment

MR GORDON ZUBER
LIL CRICKET CONVENIENCE STORES INC
PO BOX 4551
SPARTANBURG SC 29305

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Sincerely,

Joel P. Padgett, P.G., Geologist/Hydrologist
Corrective Action Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

JPP/jpp
07303.mr1

enc: Approved cost agreement form

cc: Thomas Glenn, 800 West North 1st Street, Seneca, SC 29678 (w/o enc)
Terry Environmental Services, Inc., P.O. Box 25, Summerville, SC 29484 (w/enc)
Technical file (w/enc)

Approved Cost Agreement 50035

Facility: 07303 LIL CRICKET 339

PADGETJP

PO Number:

Task / Description	Categories	Item	Description	Qty / Pct	Unit Price	Amount
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		D1	GROUNDWATER NO PURGE/DUPLICATE	3.0000	28.00	84.00
		H1	FIELD BLANK	3.0000	24.60	73.80
11 ANALYSES	GW GROUNDWATER					
		A2	BTEXNM+OXYGS+1,2-DCA+ETH-8260B	66.0000	122.00	8,052.00
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17 DISPOSAL						
		AA	WASTEWATER	220.0000	0.56	123.20
19 RPT/PROJECT MNGT & COORDINATIO						
		PRT	REPORT PREPARATION	0.1200	16,366.60	1,963.99
				Total Amount		18,330.59

Document Receipt Information

☐ Hard Copy ☒ CD ☐ Email

Date Received 6-3-15

Permit Number 07303

Project Manager Joel Padgett

Name of Contractor TES

UST Certification Number _____

Docket Number _____

Scanned 4 0 4 ech

GWM report

GROUNDWATER MONITORING REPORT
FORMER LI'L CRICKET #339
800 WEST NORTH FIRST STREET
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
CA #50035

Prepared For:

SCDHEC UNDERGROUND STORAGE TANK PROGRAM
2600 BULL ST.
COLUMBIA, SC 29201

Submitted By:

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. BOX 25
SUMMERVILLE, SOUTH CAROLINA 29484
(843) 873-8200
Fax (843) 873-8765
www.terryenvironmental.com

UST CONTRACTOR #UCC-0223
TERRY PROJECT #2170J

Kelly K. Cone, PG
Vice President, Assessment Services

Jason A. Terry, PG
President

KELLY K. CONE REGISTERED No. 2509 SOUTH CAROLINA PROFESSIONAL GEOLOGIST

MAY 2015

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A. INTRODUCTION

1. UST Facility and Owner/Operator Information

Facility Name (Permit #) : Former Li'l Cricket #339 (07303)
Facility Address: 800 West North First Street, Seneca, South Carolina 29678
Facility Telephone: n/a – Not Operating

Owner/ Operator Name: Li'l Cricket Convenience Stores (Mr. Jim Zuber)
Owner/ Operator Address: 7 White Ash Drive, Asheville, NC 28803
Owner/ Operator Telephone: 910-512-9692

2. Property Owner Information

Name: Thomas & Dorothy Glenn
Address: 800 West North First Street, Seneca, South Carolina 29678
Telephone: 864-710-8747

3. Contractor Information

Name: Terry Environmental Services, Inc.
Address: P.O. Box 25, Summerville, South Carolina 29484
Telephone: 843-873-8200
Certification: UCC-0223

4. Well Driller Information

Not Applicable

5. Laboratory Information

Name: Shealy Environmental Services Inc. (Shealy)
Address: 106 Vantage Point Drive, Columbia, SC 29172
Telephone: 803-791-9700
Certification: 32010

6. Site History

Date Release Reported to SCDHEC: April 27, 1989
Estimated Quantity of Product Released: Unknown
Cause of Release: Unknown
Current use of Facility: Commercial property

UST #	Product	Date Installed	Currently In Use (Yes or No)	If not in use, Date Removed
1 (4,000 gal)	Gasoline	Unknown	No	2/22/2000
2 (4,000 gal)	Gasoline	Unknown	No	2/22/2000
3 (4,000 gal)	Gasoline	Unknown	No	2/22/2000
4 (4,000 gal)	Kerosene	Unknown	No	2/22/2000

Other Releases at this site? Yes _____ No **XXXX**
If yes, Date Release Reported to SCDHEC n/a
Status of Release: **n/a**
No Further Action Date: n/a

7. Regional Geology and Hydrogeology

The Former Li'l Cricket #339 site is located in Seneca, SC which lies in the Western Piedmont Province of South Carolina approximately 20 miles to the southeast of the Brevard fault zone. The western piedmont is comprised of the Inner Piedmont block, the Smith River allochthon, and the Sauratwon Mountain window. The Inner Piedmont block encompasses the Inner Piedmont belt and the Chauga belt, and consists of a composite stack of thrust sheets containing a variety of gneisses, schists, amphibolites, sparse ultramafic bodies, and intrusive granitoids. (The Geology of the Carolinas, Horton & Zullo, 1991)

The Former Li'l Cricket #339 site is located in the Inner Piedmont Belt which consists of sillimanite-grade regional metamorphism that decreases in grade to the northwest towards Pickens. Generally, wells drilled to depths less than 250 feet in the rocks of the Inner Piedmont Belt of Pickens County yield one-half to 500 gallons per minute. The highest average yields were obtained from wells drilled in biotite granite gneiss and the lowest average yields were from wells drilled in hornblende gneiss. The average yield of all wells inventoried was 21 gallons per minute. (USGS/SCWRC Report 1: A Reconnaissance of the Water Resources of Pickens County, South Carolina, 1968)

B. RECEPTOR SURVEY & SITE DATA

1. Receptor Survey Results

A receptor survey was not conducted during this scope of work.

2. Current Site and Adjacent Land Use

Description of current site use (commercial, residential, rural, etc.):
Commercial

Description of adjacent land use (commercial, residential, rural, etc):
Commercial, residential, and Duke Power substation

UST sites within a 1,000-foot radius:
Unknown

The site is located at 800 West North First Street in Seneca, South Carolina. The site is bordered to the north by residential property, to the east by commercial property, to the south by West North First Street, and to the west by a Duke Power substation. Further to the south across West North First Street are commercial properties. The general site location is shown on the Topographic Map provided in Section J as Figure 1. A detailed Site Base Map originating from a comprehensive survey completed by Jay S. Joshi (SC Registered Land Surveyor #14811) of Construction Support Services, Inc. on October 8, 2008 is provided in Appendix 1 as Figure 2.

3. Site-Specific Geology and Hydrogeology

Based on the Tier II Assessment reported in March 2009, the general soil profile onsite consists of mostly clayey silt and sandy silt. Partially weathered rock and/or bedrock were encountered at depths ranging from approximately 28 feet to 45 feet below ground surface (bgs). The Site Potentiometric Maps (Figures 5A and 5B, Section J) indicate that shallow groundwater flow is generally to the north and deep groundwater flow is generally to the north-northeast.

C. SOIL ASSESSMENT/FIELD SCREENING INFORMATION & METHODOLOGY

Not Applicable. No soil or groundwater borings were installed during this scope of work.

D. MONITORING WELL INFORMATION

Not Applicable. No monitoring wells were installed during this scope of work.

E. GROUNDWATER DATA

1. Groundwater Sampling Methodology

TERRY conducted a comprehensive sampling event at the site between April 27 and April 30, 2015. Just prior to the sampling event, these monitoring wells were gauged with an oil/water interface probe to determine depth to groundwater measurements and the presence or absence of free-phase petroleum. Water level was recorded to the nearest 0.01 foot and total well depth was recorded to the nearest 0.1 foot. Monitoring well MW-23 was obstructed by a parked cargo trailer. Off-site monitoring wells MW-43, MW-45, MW-47 and MW-48 could not be located due to heavy vegetation. Two surface water samples (SW-1 and SW-2) were also collected from the creek located in the wooded area to the north of the subject site.

Sampling was conducted from the least contaminated wells to the most contaminated wells based on the previous assessment data. The wells at the site had not been sampled within the past twelve months; therefore, the wells were purged prior to sampling. A clean purge pump with new disposable tubing was utilized for purging the wells with large casing volumes and/or adequate recharge rates. Groundwater samples were collected from each monitoring well with a new disposable bailer. Bailers with new colorless nylon rope were slowly lowered into the top of the water column, allowed to fill, and slowly removed to minimize turbidity and disturbance of the volatile organic compounds (VOCs).

Trip blanks, field blanks, and field duplicates were prepared or collected in accordance with the SCDHEC UST QAPP, Revision 2.0. One trip blank was shipped with each cooler and analyzed for VOCs. One field blank was collected for each day of sampling and analyzed for VOCs and 1,2-Dibromoethane (EDB). One field duplicate was collected for each batch of twenty samples and analyzed for VOCs and EDB.

Samples were immediately packed in a cooler of ice and proper temperatures were maintained in accordance with the SCDHEC UST QAPP, Revision 2.0 and the site-specific Addendum. At the completion of the sampling event, the samples were submitted to a SCDHEC certified laboratory for analyses. The samples were analyzed for Benzene, Toluene, Ethylbenzene, Xylenes, Naphthalene, Methyl tertiary butyl ether, 1,2-Dichloroethane, Oxygenates, Ethanol, and EDB.

Field conditions were documented throughout the sampling event. All field measurement equipment was properly cleaned and decontaminated before use, between each well, and prior to site departure in accordance with "Appendix H: Standard Field Cleaning Procedures" of the SCDHEC UST QAPP, Revision 2.0. By-products were disposed of via processing through a granular-activated-carbon (GAC) unit in accordance with the NPDES General Permit No. SCG830000. The field measurement equipment was properly calibrated prior to the sampling event and

verified after four (4) hours of use and at the completion of the event. The calibration and verification data for the sampling event is provided in Appendix B.

Depth to groundwater measurements were taken with reference to the top of well casing (TOC) and converted to elevations by subtracting the depth to groundwater measurements from the TOC elevations. Potentiometric data are provided in Section I as Table 2 and on the Groundwater Sampling Logs provided in Appendix B.

2. Purging Methodology

Purging was conducted from the least contaminated wells to the most contaminated wells based on the previous assessment data. Prior to purging, new plastic sheeting was placed on the ground surface around the well to prevent contamination of pumps, hoses, meters, etc. For monitoring wells with smaller casing volumes and/or slow recharge rates, a new disposable bailer was utilized for purging. When utilized, bailers with new colorless nylon rope were slowly lowered into the top of the water column, allowed to fill, and slowly removed to minimize turbidity and disturbance of the VOCs. When utilized, the purge pump was lowered approximately 3-5 feet into the standing water column and adjusted only if the pumping rate exceeded the recovery rate as drawdown occurred. In accordance with the SCDHEC UST QAPP, Revision 2.0, an adequate purge was achieved when pH, specific conductance, and temperature of the groundwater stabilized, and turbidity either stabilized or was below 10 nephelometric turbidity units (NTUs). The purge water generated was disposed of via processing through a granular-activated-carbon (GAC) unit in accordance with the NPDES General Permit No. SCG830000. The Certificate of On-Site Treatment for the contaminated purge water and the by-products from cleaning and decontamination is provided in Appendix G.

If a well was pumped or purged dry, even with reduced purge rates, the well was considered adequately purged per the SCDHEC UST QAPP, Revision 2.0. The sample was collected immediately following sufficient recovery to fill all sampling containers. The groundwater measurements collected during the sampling event for the purged wells are provided as follows:

SECTION E -2 GROUNDWATER MEASUREMENTS (PURGE SAMPLING) FORMER LI'L CRICKET #339 SENECA, SOUTH CAROLINA SCDHEC UST PERMIT #07303							
07303-MW3	**4/29/2015**						
Volume (gal)	Initial	2.75	5.50	8.25/Sample			
Time (military)	1742	1746	1750	1754			
pH (su)	6.47	5.99	6.03	6.00			
Spec Conductivity (mS/cm)	0.118	0.155	0.160	0.159			
Water Temperature (°C)	21.9	21.7	21.7	21.7			
Turbidity (NTU)	56.0	163	171	170			
Dissolved Oxygen (mg/L)	6.09	4.79	4.33	4.56			
07303-MW5R	**4/29/2015**						
Volume (gal)	Initial	2.5	5.0	7.5	10.0	12.5	15.0/Sample
Time (military)	1537	1539	1541	1543	1545	1547	1549
pH (su)	6.65	6.88	6.82	7.19	7.25	7.31	7.34
Spec Conductivity (mS/cm)	0.077	0.085	0.090	0.096	0.098	0.099	0.099
Water Temperature (°C)	21.9	22.0	21.8	21.7	21.5	21.5	21.5
Turbidity (NTU)	1.9	125	98.6	77.4	46.3	42.0	41.5
Dissolved Oxygen (mg/L)	6.46	4.17	3.97	4.36	4.02	3.17	3.79
07303-MW9	**4/29/2015**						
Volume (gal)	Initial	3.0	6.0	9.0/Sample			
Time (military)	1810	1815	1819	1824			
pH (su)	6.14	6.72	6.70	6.79			
Spec Conductivity (mS/cm)	0.117	0.283	0.279	0.277			
Water Temperature (°C)	20.2	20.8	20.8	20.8			
Turbidity (NTU)	113	199	212	196			
Dissolved Oxygen (mg/L)	7.68	8.95	7.80	7.02			
07303-MW10	**4/29/2015**						
Volume (gal)	Initial	1.75	3.50	5.25/Sample			
Time (military)	1902	1905	1908	1911			
pH (su)	6.41	6.21	6.24	6.18			
Spec Conductivity (mS/cm)	0.336	0.301	0.300	0.298			
Water Temperature (°C)	20.2	20.6	20.6	20.6			
Turbidity (NTU)	92.5	379	368	355			
Dissolved Oxygen (mg/L)	4.57	4.71	5.77	4.62			
07303-MW11	**4/27/2015**						
Volume (gal)	Initial	1.5	3.0	4.5/Sample			
Time (military)	1500	1503	1506	1509			
pH (su)	5.76	5.41	5.50	5.46			
Spec Conductivity (mS/cm)	0.082	0.071	0.069	0.067			
Water Temperature (°C)	23.2	22.6	22.6	22.6			
Turbidity (NTU)	4.1	158	153	147			
Dissolved Oxygen (mg/L)	5.20	4.29	5.10	4.80			
07303-MW12	**4/27/2015**						
Volume (gal)	Initial	1.25	2.50	3.75/Sample			
Time (military)	1442	1445	1448	1451			
pH (su)	7.49	5.84	5.80	5.86			
Spec Conductivity (mS/cm)	0.356	0.133	0.130	0.131			
Water Temperature (°C)	23.2	22.1	22.1	22.1			
Turbidity (NTU)	5.5	30.2	29.7	28.6			
Dissolved Oxygen (mg/L)	8.11	4.69	4.05	3.95			
07303-MW13	**4/29/2015**						
Volume (gal)	Initial	1.25	2.50	3.75/Sample			
Time (military)	1703	1706	1709	1712			
pH (su)	6.60	5.93	5.90	5.95			
Spec Conductivity (mS/cm)	0.103	0.163	0.162	0.160			
Water Temperature (°C)	22.2	21.8	21.8	21.8			
Turbidity (NTU)	11.9	191	202	208			
Dissolved Oxygen (mg/L)	5.59	4.30	5.10	4.46			

07303-MW14	**4/27/2015**						
Volume (gal)	Initial	1.25	2.50	3.75/Sample			
Time (military)	1519	1522	1525	1528			
pH (su)	5.41	5.71	5.75	5.78			
Spec Conductivity (mS/cm)	0.074	0.090	0.090	0.092			
Water Temperature (°C)	23.3	23.6	23.6	23.6			
Turbidity (NTU)	3.2	129	127	138			
Dissolved Oxygen (mg/L)	8.95	3.58	4.28	3.65			
07303-MW15	**4/29/2015**						
Volume (gal)	Initial	1.0	2.0	3.0/Sample			
Time (military)	1420	1423	1426	1429			
pH (su)	6.02	6.87	6.90	6.85			
Spec Conductivity (mS/cm)	0.291	0.259	0.257	0.260			
Water Temperature (°C)	20.9	20.1	20.1	20.1			
Turbidity (NTU)	29.1	286	295	310			
Dissolved Oxygen (mg/L)	4.07	3.03	2.97	2.28			
07303-MW16	**4/29/2015**						
Volume (gal)	Initial	2.75	5.50	8.25/Sample			
Time (military)	1640	1643	1646	1649			
pH (su)	6.55	6.06	6.09	6.15			
Spec Conductivity (mS/cm)	0.158	0.190	0.190	0.188			
Water Temperature (°C)	21.9	21.7	21.7	21.7			
Turbidity (NTU)	7.7	142	151	146			
Dissolved Oxygen (mg/L)	2.00	1.51	1.29	1.43			
07303-MW17	**4/29/2015**						
Volume (gal)	Initial	2.75	5.50	8.25/Sample			
Time (military)	1618	1622	1626	1630			
pH (su)	7.07	6.88	6.92	6.95			
Spec Conductivity (mS/cm)	0.081	0.122	0.120	0.120			
Water Temperature (°C)	23.5	22.0	22.0	22.0			
Turbidity (NTU)	17.4	187	177	179			
Dissolved Oxygen (mg/L)	4.16	3.74	3.14	3.05			
07303-MW18	**4/29/2015**						
Volume (gal)	Initial	2.25	4.50	6.75/Sample			
Time (military)	1603	1606	1609	1612			
pH (su)	7.39	6.13	6.22	6.20			
Spec Conductivity (mS/cm)	0.081	0.125	0.126	0.125			
Water Temperature (°C)	22.6	21.9	21.9	21.9			
Turbidity (NTU)	19.7	193	211	206			
Dissolved Oxygen (mg/L)	6.92	2.14	2.54	3.03			
07303-MW19	**4/29/2015**						
Volume (gal)	Initial	2.5	5.0	7.5/Sample	Duplicate (DUP)		
Time (military)	1723	1727	1730	1734	1736		
pH (su)	5.78	6.13	6.15	6.10			
Spec Conductivity (mS/cm)	0.364	0.438	0.440	0.441			
Water Temperature (°C)	21.8	21.7	21.7	21.7			
Turbidity (NTU)	12.2	144	132	124			
Dissolved Oxygen (mg/L)	5.98	5.95	8.15	6.14			
07303-MW20	**4/29/2015**						
Volume (gal)	Initial	1.5	3.0	4.5/Sample			
Time (military)	1919	1922	1925	1928			
pH (su)	7.12	6.30	6.26	6.29			
Spec Conductivity (mS/cm)	0.219	0.328	0.330	0.330			
Water Temperature (°C)	21.2	20.4	20.4	20.4			
Turbidity (NTU)	79.7	269	281	258			
Dissolved Oxygen (mg/L)	2.60	2.99	2.63	1.75			

07303-MW21	**4/29/2015**						
Volume (gal)	Initial	1.25	2.50	3.75/Sample			
Time (military)	1448	1451	1454	1457			
pH (su)	7.45	6.14	6.20	6.23			
Spec Conductivity (mS/cm)	0.046	0.057	0.060	0.061			
Water Temperature (°C)	21.1	21.6	21.6	21.6			
Turbidity (NTU)	7.0	341	360	348			
Dissolved Oxygen (mg/L)	5.08	4.79	5.57	4.20			
07303-MW22	**4/27/2015**						
Volume (gal)	Initial	1.25	2.50	3.75/Sample			
Time (military)	1554	1557	1559	1602			
pH (su)	9.75	7.01	6.97	6.93			
Spec Conductivity (mS/cm)	0.351	0.139	0.135	0.134			
Water Temperature (°C)	21.9	22.2	22.2	22.2			
Turbidity (NTU)	21.7	354	341	350			
Dissolved Oxygen (mg/L)	6.74	4.15	3.99	4.86			
07303-MW23	**4/29/2015**						
	Obstructed						
07303-MW24	**4/28/2015**						
Volume (gal)	Initial	1.25	2.50	3.75/Sample			
Time (military)	1742	1745	1748	1751			
pH (su)	5.55	6.15	6.21	6.24			
Spec Conductivity (mS/cm)	0.102	0.202	0.199	0.197			
Water Temperature (°C)	21.6	22.2	22.2	22.2			
Turbidity (NTU)	21.7	99.6	104	101			
Dissolved Oxygen (mg/L)	1.69	2.49	1.88	1.80			
07303-MW25	**4/28/2015**						
Volume (gal)	Initial	1.5	3.0	4.5/Sample			
Time (military)	1701	1704	1707	1710			
pH (su)	6.36	6.08	6.11	6.15			
Spec Conductivity (mS/cm)	0.102	0.188	0.190	0.189			
Water Temperature (°C)	21.0	21.9	21.9	21.9			
Turbidity (NTU)	11.3	128	133	138			
Dissolved Oxygen (mg/L)	6.53	8.13	7.52	6.73			
07303-MW26	**4/29/2015**						
Volume (gal)	Initial	1.5	3.0	4.5/Sample			
Time (military)	1130	1133	1136	1139			
pH (su)	6.44	6.30	6.27	6.27			
Spec Conductivity (mS/cm)	0.390	0.366	0.367	0.369			
Water Temperature (°C)	18.7	19.0	19.0	19.0			
Turbidity (NTU)	7.0	154	166	151			
Dissolved Oxygen (mg/L)	8.77	3.57	3.77	4.02			
07303-MW27	**4/29/2015**						
Volume (gal)	Initial	1.5	3.0	4.5/Sample			
Time (military)	1104	1107	1111	1114			
pH (su)	6.41	6.72	6.77	6.80			
Spec Conductivity (mS/cm)	0.240	0.256	0.259	0.261			
Water Temperature (°C)	18.6	18.9	18.9	18.9			
Turbidity (NTU)	132	215	209	197			
Dissolved Oxygen (mg/L)	2.41	3.53	3.17	2.88			
07303-MW28	**4/29/2015**						
Volume (gal)	Initial	1.25	2.50	3.75/Sample			
Time (military)	0920	0923	0926	0929			
pH (su)	5.95	5.77	5.81	5.85			
Spec Conductivity (mS/cm)	0.145	0.135	0.133	0.132			
Water Temperature (°C)	18.1	18.5	18.5	18.5			
Turbidity (NTU)	14.6	125	131	137			
Dissolved Oxygen (mg/L)	8.50	2.69	2.45	2.48			

07303-MW29	**4/29/2015**						
Volume (gal)	Initial	1.75	3.50	5.25/Sample			
Time (military)	1505	1508	1511	1514			
pH (su)	6.48	6.38	6.32	6.30			
Spec Conductivity (mS/cm)	0.202	0.258	0.255	0.255			
Water Temperature (°C)	21.5	20.9	20.9	20.9			
Turbidity (NTU)	4.2	116	122	128			
Dissolved Oxygen (mg/L)	4.18	4.38	3.61	3.42			
07303-MW30	**4/29/2015**						
Volume (gal)	Initial	3.5	7.0	10.5	14.0/Sample		
Time (military)	1517	1520	1523	1526	1529		
pH (su)	6.77	6.17	6.22	6.24	6.27		
Spec Conductivity (mS/cm)	0.151	0.151	0.150	0.150	0.148		
Water Temperature (°C)	21.8	20.6	20.6	20.6	20.6		
Turbidity (NTU)	2.7	359	417	452	426		
Dissolved Oxygen (mg/L)	6.31	2.75	3.16	3.87	3.49		
07303-MW31	**4/28/2015**						
Volume (gal)	Initial	1.5	3.0	4.5/Sample			
Time (military)	1117	1120	1123	1126			
pH (su)	5.99	6.15	6.17	6.21			
Spec Conductivity (mS/cm)	0.067	0.111	0.111	0.112			
Water Temperature (°C)	21.6	20.9	20.9	20.9			
Turbidity (NTU)	7.5	110	107	114			
Dissolved Oxygen (mg/L)	5.66	2.99	3.34	3.21			
07303-MW32	**4/28/2015**						
Volume (gal)	Initial	2.0	4.0	6.0/Sample			
Time (military)	1055	1058	1101	1104			
pH (su)	6.16	5.87	5.92	5.93			
Spec Conductivity (mS/cm)	0.080	0.107	0.106	0.104			
Water Temperature (°C)	21.3	21.7	21.7	21.7			
Turbidity (NTU)	12.9	141	152	146			
Dissolved Oxygen (mg/L)	6.59	4.16	4.44	4.81			
07303-MW33	**4/28/2015**						
Volume (gal)	Initial	1.5	3.0	4.5/Sample			
Time (military)	1036	1039	1042	1045			
pH (su)	6.20	5.88	5.85	5.90			
Spec Conductivity (mS/cm)	0.132	0.143	0.140	0.140			
Water Temperature (°C)	20.7	21.2	21.2	21.2			
Turbidity (NTU)	21.9	334	341	352			
Dissolved Oxygen (mg/L)	7.05	5.60	4.65	4.20			
07303-MW34	**4/28/2015**						
Volume (gal)	Initial	1.25	2.50	3.75/Sample			
Time (military)	0933	0936	0939	0942			
pH (su)	6.38	5.69	5.72	5.75			
Spec Conductivity (mS/cm)	0.058	0.064	0.065	0.066			
Water Temperature (°C)	20.0	21.2	21.2	21.2			
Turbidity (NTU)	48.7	259	241	248			
Dissolved Oxygen (mg/L)	6.48	5.42	4.24	4.55			
07303-MW35	**4/28/2015**						
Volume (gal)	Initial	1.25	2.50	3.75/Sample			
Time (military)	0912	0915	0918	0921			
pH (su)	7.13	5.97	5.92	5.90			
Spec Conductivity (mS/cm)	0.046	0.050	0.048	0.047			
Water Temperature (°C)	19.4	20.9	20.9	20.9			
Turbidity (NTU)	84.1	550	522	511			
Dissolved Oxygen (mg/L)	10.28	5.07	5.04	5.78			

07303-MW36	**4/27/2015**						
Volume (gal)	Initial	1.25	2.50	3.75/Sample			
Time (military)	1718	1721	1724	1727			
pH (su)	8.76	6.68	6.75	6.77			
Spec Conductivity (mS/cm)	0.153	0.072	0.075	0.077			
Water Temperature (°C)	23.3	21.6	21.6	21.6			
Turbidity (NTU)	25.7	345	335	351			
Dissolved Oxygen (mg/L)	6.80	6.69	6.44	6.16			
07303-MW37	**4/27/2015**						
Volume (gal)	Initial	1.75	3.50	5.25/Sample			
Time (military)	1811	1814	1817	1821			
pH (su)	5.68	5.41	5.38	5.35			
Spec Conductivity (mS/cm)	0.068	0.061	0.061	0.063			
Water Temperature (°C)	21.1	20.6	20.6	20.6			
Turbidity (NTU)	65.1	458	511	476			
Dissolved Oxygen (mg/L)	5.65	5.22	5.96	5.99			
07303-MW38	**4/27/2015**						
Volume (gal)	Initial	2.25	4.50	6.75/Sample			
Time (military)	1742	1745	1749	1753			
pH (su)	6.36	5.55	5.58	5.52			
Spec Conductivity (mS/cm)	0.084	0.090	0.088	0.087			
Water Temperature (°C)	22.5	21.6	21.6	21.6			
Turbidity (NTU)	58.5	274	268	259			
Dissolved Oxygen (mg/L)	6.70	6.36	6.21	7.35			
07303-MW39	**4/28/2015**						
Volume (gal)	Initial	1.5	3.0	4.5/Sample			
Time (military)	1718	1721	1724	1727			
pH (su)	6.64	6.03	6.08	6.07			
Spec Conductivity (mS/cm)	0.106	0.103	0.106	0.107			
Water Temperature (°C)	21.7	21.4	21.4	21.4			
Turbidity (NTU)	31.7	446	429	421			
Dissolved Oxygen (mg/L)	6.36	4.24	6.33	5.49			
07303-MW40	**4/28/2015**						
Volume (gal)	Initial	0.5	1.0	1.5/Sample			
Time (military)	1148	1151	1153	1155			
pH (su)	6.61	6.04	6.06	6.09			
Spec Conductivity (mS/cm)	0.039	0.045	0.044	0.042			
Water Temperature (°C)	21.4	20.8	20.8	20.8			
Turbidity (NTU)	11.2	78.5	77.2	74.4			
Dissolved Oxygen (mg/L)	7.18	5.39	4.29	4.12			
07303-MW41	**4/28/2015**						
Volume (gal)	Initial	1.0	2.0	3.0/Sample			
Time (military)	1604	1607	1610	1613			
pH (su)	6.00	6.33	6.31	6.27			
Spec Conductivity (mS/cm)	0.085	0.140	0.139	0.137			
Water Temperature (°C)	21.7	20.6	20.6	20.6			
Turbidity (NTU)	6.8	256	250	265			
Dissolved Oxygen (mg/L)	4.99	3.44	3.90	3.72			
07303-MW42	**4/28/2015**						
Volume (gal)	Initial	0.75	1.50	2.25/Sample			
Time (military)	1225	1227	1229	1231			
pH (su)	5.63	5.46	5.50	5.55			
Spec Conductivity (mS/cm)	0.064	0.061	0.061	0.063			
Water Temperature (°C)	21.1	21.6	21.6	21.6			
Turbidity (NTU)	17.9	82.9	81.6	78.4			
Dissolved Oxygen (mg/L)	2.92	2.93	2.40	2.11			

07303-MW43	**4/28/2015**						
	Could Not Find						
07303-MW44	**4/28/2015**						
Volume (gal)	Initial	1.0	2.0	3.0/Sample			
Time (military)	1534	1537	1540	1543			
pH (su)	5.71	5.99	6.02	6.06			
Spec Conductivity (mS/cm)	0.045	0.059	0.061	0.058			
Water Temperature (°C)	22.3	21.8	21.8	21.8			
Turbidity (NTU)	18.9	122	117	114			
Dissolved Oxygen (mg/L)	5.76	5.71	4.62	4.57			
07303-MW45	**4/28/2015**						
	Could Not Find						
07303-MW46	**4/28/2015**						
Volume (gal)	Initial	1.0	2.0	3.0/Sample	Duplicate (DUP)		
Time (military)	1456	1459	1502	1505	1507		
pH (su)	6.64	5.64	5.69	5.73			
Spec Conductivity (mS/cm)	0.032	0.034	0.035	0.036			
Water Temperature (°C)	22.6	21.6	21.6	21.6			
Turbidity (NTU)	17.7	567	544	512			
Dissolved Oxygen (mg/L)	6.42	7.01	6.88	5.80			
07303-MW47	**4/28/2015**						
	Could Not Find						
07303-MW48	**4/28/2015**						
	Could Not Find						
07303-DW1	**4/30/2015**						
Volume (gal)	Initial	3.0	6.0	9.0	12.0	15.0	18.0/Sample
Time (military)	1141	1143	1146	1149	1152	1155	1158
pH (su)	8.87	8.95	8.50	7.02	6.70	6.66	6.61
Spec Conductivity (mS/cm)	0.363	0.302	0.271	0.265	0.249	0.246	0.244
Water Temperature (°C)	21.4	21.6	20.8	20.9	21.1	21.1	21.1
Turbidity (NTU)	238	338	134	56.4	23.6	22.4	21.9
Dissolved Oxygen (mg/L)	2.74	3.19	2.93	4.94	7.96	5.21	6.33
07303-DW2	**4/30/2015**						
Volume (gal)	Initial	3.25	6.50	9.75	13.00	16.25	19.50/Sample
Time (military)	1239	1242	1245	1248	1251	1254	1257
pH (su)	10.56	11.02	9.83	8.82	8.64	8.63	8.60
Spec Conductivity (mS/cm)	0.485	0.402	0.373	0.375	0.373	0.374	0.375
Water Temperature (°C)	22.8	22.4	22.0	22.1	21.8	21.8	21.8
Turbidity (NTU)	188	90.3	28.4	17.6	9.9	6.4	3.2
Dissolved Oxygen (mg/L)	2.91	3.09	2.60	2.98	3.63	2.84	3.12
07303-DW3	**4/30/2015**						
Volume (gal)	Initial	3.5	7.0	10.5	14.0	17.5	21.0/Sample
Time (military)	1417	1419	1421	1423	1425	1427	1429
pH (su)	11.55	10.21	9.14	8.23	8.06	8.01	7.98
Spec Conductivity (mS/cm)	1.44	0.762	0.349	0.300	0.283	0.277	0.275
Water Temperature (°C)	23.8	22.9	22.7	22.7	22.7	22.7	22.7
Turbidity (NTU)	102	54.3	25.3	16.2	13.0	10.8	9.0
Dissolved Oxygen (mg/L)	3.25	3.28	2.58	2.64	3.22	2.81	2.91
Volume (gal)	Duplicate (DUP)						
Time (military)	1431						
pH (su)							
Spec Conductivity (mS/cm)							
Water Temperature (°C)							
Turbidity (NTU)							
Dissolved Oxygen (mg/L)							

07303-DW5	**4/27/2015**						
Volume (gal)	Initial	2.0	4.0/Dry/Sample				
Time (military)	1550	1552	1556				
pH (su)	12.07	12.21	12.09				
Spec Conductivity (mS/cm)	5.82	5.99	5.46				
Water Temperature (°C)	23.4	23.6	23.8				
Turbidity (NTU)	128	148	115				
Dissolved Oxygen (mg/L)	3.30	4.05	2.70				
07303-DW6	**4/30/2015**						
Volume (gal)	Initial	6.0	12.0	18.0	24.0	30.0	36.0/Sample
Time (military)	1135	1139	1142	1146	1150	1153	1157
pH (su)	10.03	10.06	10.09	9.80	9.57	9.55	9.50
Spec Conductivity (mS/cm)	0.599	0.550	0.537	0.502	0.484	0.480	0.476
Water Temperature (°C)	20.6	21.5	21.2	20.9	20.8	20.8	20.8
Turbidity (NTU)	83.6	256	283	117	90.2	85.6	82.9
Dissolved Oxygen (mg/L)	10.06	4.08	2.62	3.18	2.99	3.49	3.11
07303-DW7	**4/30/2015**						
Volume (gal)	Initial	6.25	12.5	18.75	25.0	31.25	37.5/Sample
Time (military)	1225	1229	1234	1238	1242	1246	1250
pH (su)	11.94	12.02	11.95	11.88	11.80	11.76	11.78
Spec Conductivity (mS/cm)	3.26	3.11	3.09	3.08	3.07	3.06	3.06
Water Temperature (°C)	22.9	23.8	23.6	23.6	23.2	23.2	23.2
Turbidity (NTU)	66.4	128	39.9	24.2	10.9	9.9	9.4
Dissolved Oxygen (mg/L)	5.71	2.66	2.20	2.56	2.28	2.86	1.92
07303-DW9	**4/27/2015**						
Volume (gal)	Initial	4	8	12	16	20	24/Sample
Time (military)	1824	1827	1830	1833	1836	1839	1842
pH (su)	6.93	6.78	6.64	6.50	6.45	6.41	6.37
Spec Conductivity (mS/cm)	0.183	0.152	0.149	0.146	0.144	0.142	0.141
Water Temperature (°C)	20.3	19.9	19.8	19.8	19.8	19.8	19.8
Turbidity (NTU)	75.9	148	24.6	8.3	7.6	5.4	5.1
Dissolved Oxygen (mg/L)	3.90	4.28	5.90	4.35	4.29	3.79	4.11
07303-DW10	**4/27/2015**						
Volume (gal)	Initial	7	14	21	28	35	42/Sample
Time (military)	1847	1851	1855	1859	1903	1907	1911
pH (su)	11.79	11.85	11.86	11.90	11.80	11.86	11.85
Spec Conductivity (mS/cm)	0.188	2.05	2.11	2.05	2.01	2.01	2.00
Water Temperature (°C)	19.9	19.9	20.1	20.1	20.8	20.8	20.8
Turbidity (NTU)	9.2	16.4	14.5	16.7	12.8	10.5	8.9
Dissolved Oxygen (mg/L)	6.40	1.58	4.18	3.72	4.84	3.21	3.90
07303-DW11	**4/28/2015**						
Volume (gal)	Initial	3	6	9	12	15	18/Sample
Time (military)	1622	1624	1629	1635	1639	1643	1647
pH (su)	7.99	6.87	6.73	6.68	6.62	6.57	6.55
Spec Conductivity (mS/cm)	0.175	0.283	0.297	0.285	0.283	0.281	0.281
Water Temperature (°C)	21.7	20.6	20.4	20.5	20.4	20.4	20.4
Turbidity (NTU)	10.8	4.6	1.4	2.7	3.6	2.9	2.4
Dissolved Oxygen (mg/L)	2.56	1.75	1.67	1.50	1.99	2.10	1.76
07303-RW1	**4/30/2015**						
Volume (gal)	Initial	3	6	9	12	15	18/Sample
Time (military)	1310	1312	1314	1316	1318	1320	1323
pH (su)	6.60	6.79	6.70	6.64	6.60	6.58	6.56
Spec Conductivity (mS/cm)	0.479	0.420	0.420	0.415	0.389	0.384	0.384
Water Temperature (°C)	23.7	23.0	22.7	22.3	21.9	21.9	21.9
Turbidity (NTU)	478	332	291	209	198	194	189
Dissolved Oxygen (mg/L)	10.42	3.89	3.56	3.53	3.35	2.80	2.98

07303-RW2	4/30/2015						
Volume (gal)	Initial	3.25	6.5	9.75	13	16.25	19.5/Sample
Time (military)	1333	1335	1337	1339	1341	1343	1345
pH (su)	6.75	6.55	6.49	6.33	6.22	6.17	6.15
Spec Conductivity (mS/cm)	0.441	0.422	0.413	0.400	0.381	0.380	0.377
Water Temperature (°C)	22.1	22.6	23.0	22.2	21.9	21.9	21.9
Turbidity (NTU)	644	318	266	170	119	111	108
Dissolved Oxygen (mg/L)	7.09	5.14	2.03	3.00	2.44	3.07	2.84
07303-RW3	**4/29/2015**						
Volume (gal)	Initial	3.5	7.0	10.5	14.0	17.5	21.0/Sample
Time (military)	1936	1938	1941	1943	1945	1948	1950
pH (su)	7.80	7.33	7.03	6.58	6.49	6.43	6.39
Spec Conductivity (mS/cm)	0.209	0.311	0.342	0.380	0.393	0.397	0.401
Water Temperature (°C)	20.4	20.5	20.2	19.9	19.7	19.7	19.7
Turbidity (NTU)	49.6	386	94.0	52.1	35.8	34.6	33.2
Dissolved Oxygen (mg/L)	5.17	4.80	4.11	4.53	4.87	4.75	4.46
07303-RW4	**4/30/2015**						
Volume (gal)	Initial	3.5	7.0	10.5	14.0	17.5	21.0/Sample
Time (military)	1315	1317	1319	1321	1323	1325	1327
pH (su)	6.81	6.69	6.71	7.01	7.34	7.30	7.33
Spec Conductivity (mS/cm)	0.640	0.633	0.616	0.400	0.332	0.330	0.324
Water Temperature (°C)	23.7	22.8	22.0	22.0	22.0	22.0	22.0
Turbidity (NTU)	115	117	59.8	52.0	37.6	35.9	35.1
Dissolved Oxygen (mg/L)	2.97	3.06	1.75	2.11	1.99	2.34	2.02

NOTES/KEY:
gal = gallons
unit
mS/cm = milliSiemens per centimeter
NTU = nephelometric turbity units
mg/L = milligrams per liter

3. Free Product Measurements

No free-phase petroleum was measured during the sampling event.

F. AFVR INFORMATION

Not Applicable. No Aggressive Fluid Vapor Recovery (AFVR) Events were performed during this scope of work.

G. GRANULATED ACTIVATED CARBON INSTALLATION

Not Applicable. No granulated activated carbon units were installed during this scope of work.

H. RESULTS & DISCUSSION

1. Assessment Results

During this scope of work, TERRY conducted a comprehensive groundwater sampling event between April 27 and April 30, 2015 in accordance with the SCDHEC UST QAPP, Revision 2.0 and the associated site-specific work plan submitted in March 2015.

The groundwater analytical data are summarized in Section I as Table 3, and are included in Appendix B. The analytical data were used to generate contaminant concentration maps for CoC's detected by the laboratory and are provided in Section J as Figures 4A and 4B. Based on the analytical data, groundwater contamination is present above Risked-Based Screening Levels (RBSLs) in the source area (MW-9, MW-10, MW-16, MW-19, MW-20, DW-3, RW-1, RW-2, RW-3, and RW-4) and migrates in the direction of groundwater flow (MW-15, MW-24, MW-25, MW-26, MW-27, MW-29, DW-1, and DW-11). The plume is horizontally defined but remains vertically undefined down gradient to the north (DW-11). The analytical data for the surface water samples indicate that MTBE was detected but at levels below the RBSL.

The previously conducted AFVR events were successful at recovering contaminant mass and exposing the free product smear zone to vacuum. As such, it is recommended to conduct two additional 48-hour AFVR events on the monitoring/recovery well network in the source area.

2. Aquifer Evaluation Results

Not Applicable

3. Fate & Transport Results

Not Applicable

4. Tier 1 Risk Evaluation

Not Applicable

5. Tier 2 Risk Evaluation

Not Applicable

I. TABLES

1. Soil Analytical Data

Table 1 Soil Analytical Data - Not Applicable

2. Potentiometric Data

Table 2 Groundwater Potentiometric Data - Attached

3. Laboratory Data

Table 3 Groundwater Laboratory Data - Attached

4. Aquifer Characteristics

Table 4 Aquifer Characteristics - Not Applicable

5. Site Conceptual Model

Table 5 Site Conceptual Model - Not Applicable

TABLE 2
GROUNDWATER POTENTIOMETRIC DATA
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
TERRY PROJECT #2170J

Well #	Date	TOC Elevation**	Screened Interval	Depth to Product*	Depth to Water*	Product Thickness	Water Table Elevation
		ft	ft	ft	ft	ft	ft
07303-MW3	10/1/2008	152.15	37-55	-	41.28	-	110.87
	2/16/2009			-	41.54	-	110.61
	6/22/2009			Not Sampled			
	2/25/2011			-	38.78	-	113.37
	4/29/2015			-	38.87	-	113.28
07303-MW5R	10/1/2008	150.01	50-60	-	59.55	-	90.46
	2/16/2009			-	53.20	-	96.81
	6/22/2009			Not Sampled			
	2/25/2011			-	38.63	-	111.38
	4/29/2015			-	31.40	-	118.61
07303-MW9	10/1/2008	150.85	45-55	-	40.81	-	110.04
	2/16/2009			-	40.44	-	110.41
	6/22/2009			Not Sampled			
	2/25/2011			-	37.05	-	113.80
	5/25/2011			-	37.33	-	113.52
	4/29/2015			-	37.79	-	113.06
07303-MW10	10/1/2008	152.07	42-52	43.62	43.95	**0.33**	108.12
	2/16/2009			43.83	43.93	**0.10**	108.14
	6/22/2009			Not Sampled			
	2/24/2011			41.47	41.49	**0.02**	110.58
	5/25/2011			40.94	40.97	**0.03**	111.10
	4/29/2015			-	41.36	-	110.71
07303-MW11	2/17/2009	153.51	40-50	-	43.31	-	110.20
	6/22/2009			Not Sampled			
	2/24/2011			-	40.65	-	112.86
	4/27/2015			-	40.65	-	112.86
07303-MW12	2/17/2009	154.40	40-50	-	45.39	-	109.01
	6/22/2009			Not Sampled			
	2/24/2011			-	42.86	-	111.54
	4/27/2015			-	42.80	-	111.60
07303-MW13	2/17/2009	153.54	40-50	-	45.34	-	108.20
	6/22/2009			Not Sampled			
	2/24/2011			-	42.93	-	110.61
	4/29/2015			-	42.77	-	110.77
07303-MW14	2/17/2009	154.32	45-55	-	49.58	-	104.74
	6/22/2009			Not Sampled			
	2/24/2011			-	47.29	-	107.03
	4/27/2015			-	46.98	-	107.34

TABLE 2
GROUNDWATER POTENTIOMETRIC DATA
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
TERRY PROJECT #2170J

Well #	Date	TOC Elevation**	Screened Interval	Depth to Product*	Depth to Water*	Product Thickness	Water Table Elevation
		ft	ft	ft	ft	ft	ft
07303-MW15	2/17/2009	152.67	40-50	-	47.05	-	105.62
	6/22/2009			Not Sampled			
	2/24/2011			-	44.64	-	108.03
	4/29/2015			-	44.35	-	108.32
07303-MW16	2/17/2009	151.33	40-55	-	42.08	-	109.25
	6/22/2009			Not Sampled			
	2/25/2011			-	39.09	-	112.24
	4/29/2015			-	38.45	-	112.88
07303-MW17	2/16/2009	150.78	40-55	-	41.43	-	109.35
	6/22/2009			Not Sampled			
	2/25/2011			-	38.29	-	112.49
	4/29/2015			-	37.72	-	113.06
07303-MW18	2/16/2009	150.31	35-50	-	40.90	-	109.41
	6/22/2009			Not Sampled			
	2/25/2011			-	37.93	-	112.38
	4/29/2015			-	37.25	-	113.06
07303-MW19	2/17/2009	150.78	38-53	-	40.33	-	110.45
	6/22/2009			Not Sampled			
	2/25/2011			***	37.32	**0.05**	113.46
	5/25/2011			36.53	37.28	**0.75**	113.50
	4/29/2015			-	37.35	-	113.43
07303-MW20	2/17/2009	152.08	35-50	-	43.12	-	108.96
	6/22/2009			Not Sampled			
	2/25/2011			40.25	40.32	**0.07**	111.76
	5/25/2011			39.74	39.76	**0.02**	112.32
	4/29/2015			-	40.39	-	111.69
07303-MW21	6/22/2009	154.55	40-55	-	49.56	-	104.99
	2/25/2011			-	48.61	-	105.94
	4/29/2015			-	48.36	-	106.19
07303-MW22	6/22/2009	149.85	40-55	-	48.02	-	101.83
	2/24/2011			-	47.74	-	102.11
	4/27/2015			-	47.05	-	102.80
07303-MW23	6/22/2009	150.05	40-55	-	48.52	-	101.53
	2/24/2011			-	48.38	-	101.67
	4/29/2015			Obstructed			
07303-MW24	6/22/2009	150.02	40-55	-	48.43	-	101.59
	2/24/2011			-	48.32	-	101.70
	4/28/2015			-	47.48	-	102.54

TABLE 2
GROUNDWATER POTENTIOMETRIC DATA
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
TERRY PROJECT #2170J

Well #	Date	TOC Elevation**	Screened Interval	Depth to Product*	Depth to Water*	Product Thickness	Water Table Elevation
		ft	ft	ft	ft	ft	ft
07303-MW25	6/22/2009	148.14	39-54	-	46.31	-	101.83
	2/24/2011			-	46.31	-	101.83
	4/28/2015			-	45.14	-	103.00
07303-MW26	6/22/2009	146.65	37-52	-	43.96	-	102.69
	2/24/2011			-	44.06	-	102.59
	4/29/2015			-	42.70	-	103.95
07303-MW27	6/22/2009	149.99	40-55	-	46.59	-	103.40
	2/24/2011			-	45.99	-	104.00
	4/29/2015			-	45.40	-	104.59
07303-MW28	6/22/2009	152.24	40-55	-	48.87	-	103.37
	2/24/2011			-	48.28	-	103.96
	4/29/2015			-	46.74	-	105.50
07303-MW29	6/22/2009	152.17	40-55	-	46.43	-	105.74
	2/25/2011			-	46.96	-	105.21
	4/29/2015			-	45.26	-	106.91
07303-MW30	6/22/2009	151.23	45-60	-	40.72	-	110.51
	2/25/2011			-	39.18	-	112.05
	4/29/2015			-	38.33	-	112.90
07303-MW31	6/22/2009	148.95	26-41	-	32.82	-	116.13
	2/25/2011			-	31.98	-	116.97
	4/28/2015			-	31.66	-	117.29
07303-MW32	6/22/2009	150.06	30-45	-	34.86	-	115.20
	2/25/2011			-	33.66	-	116.40
	4/28/2015			-	33.53	-	116.53
07303-MW33	6/22/2009	151.57	29-44	-	36.67	-	114.90
	2/25/2011			-	35.39	-	116.18
	4/28/2015			-	35.36	-	116.21
07303-MW34	6/22/2009	153.70	30-45	-	39.61	-	114.09
	2/25/2011			-	38.27	-	115.43
	4/28/2015			-	38.40	-	115.30
07303-MW35	6/22/2009	154.52	31-46	-	40.48	-	114.04
	2/25/2011			-	39.17	-	115.35
	4/28/2015			-	39.30	-	115.22
07303-MW36	6/22/2009	156.04	31-46	-	40.42	-	115.62
	2/24/2011			-	39.28	-	116.76
	4/27/2015			-	39.32	-	116.72
07303-MW37	6/22/2009	151.73	29-44	-	35.92	-	115.81
	2/24/2011			-	34.90	-	116.83
	4/27/2015			-	34.72	-	117.01

TABLE 2
GROUNDWATER POTENTIOMETRIC DATA
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
TERRY PROJECT #2170J

Well #	Date	TOC Elevation**	Screened Interval	Depth to Product*	Depth to Water*	Product Thickness	Water Table Elevation
		ft	ft	ft	ft	ft	ft
07303-MW38	6/22/2009	150.63	32-47	-	34.61	-	116.02
	2/24/2011			-	33.69	-	116.94
	4/27/2015			-	33.41	-	117.22
07303-MW39	2/25/2011	149.78	42-52	-	48.39	-	101.39
	4/28/2015			-	46.94	-	102.84
07303-MW40	2/25/2011	132.33	6-16	-	14.64	-	117.69
	4/28/2015			-	13.72	-	118.61
07303-MW41	3/24/2011	147.24	42-52	-	46.40	-	100.84
	4/28/2015			-	45.71	-	101.53
07303-MW42	2/25/2011	112.87	2-9	-	9.13	-	103.74
	4/28/2015			-	7.97	-	104.90
07303-MW43	3/24/2011	144.35	40-50	-	43.89	-	100.46
	4/28/2015			Could Not Find			
07303-MW44	5/5/2011	145.55	42-52	-	45.36	-	100.19
	4/28/2015			-	46.87	-	98.68
07303-MW45	5/5/2011	140.80	42-52	-	46.19	-	94.61
	4/28/2015			Could Not Find			
07303-MW46	5/5/2011	140.64	40-50	-	44.75	-	95.89
	4/28/2015			-	44.82	-	95.82
07303-MW47	5/5/2011	126.76	32-42	-	36.62	-	90.14
	4/28/2015			Could Not Find			
07303-MW48	5/5/2011	87.83	3-8	-	4.01	-	83.82
	4/28/2015			Could Not Find			
07303-DW1	2/17/2009	152.36	75-80	-	47.91	-	104.45
	6/22/2009			Not Sampled			
	2/24/2011			-	45.34	-	107.02
	4/30/2015			-	45.26	-	107.10
07303-DW2	2/17/2009	151.77	75-80	-	44.15	-	107.62
	6/22/2009			Not Sampled			
	2/24/2011			-	41.68	-	110.09
	4/30/2015			-	41.56	-	110.21
07303-DW3	2/17/2009	150.83	75-80	-	42.12	-	108.71
	6/22/2009			Not Sampled			
	2/24/2011			-	40.06	-	110.77
	4/30/2015			-	39.45	-	111.38
07303-DW5	6/22/2009	150.19	75-80	-	45.55	-	104.64
	2/24/2011			-	61.27	-	88.92
	4/27/2015			-	55.76	-	94.43

TABLE 2
GROUNDWATER POTENTIOMETRIC DATA
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
TERRY PROJECT #2170J

Well #	Date	TOC Elevation**	Screened Interval	Depth to Product*	Depth to Water*	Product Thickness	Water Table Elevation
		ft	ft	ft	ft	ft	ft
07303-DW6	6/23/2009	152.59	115-130	-	63.39	-	89.20
	2/24/2011			-	49.98	-	102.61
	4/30/2015			-	49.80	-	102.79
07303-DW7	6/23/2009	151.97	115-120	-	113.41	-	38.56
	2/24/2011			-	46.27	-	105.70
	4/30/2015			-	43.77	-	108.20
07303-DW9	6/22/2009	151.96	75-80	-	37.64	-	114.32
	2/24/2011			-	36.34	-	115.62
	4/27/2015			-	36.14	-	115.82
07303-DW10	6/23/2009	151.77	115-120	-	37.84	-	113.93
	2/24/2011			-	36.86	-	114.91
	4/27/2015			-	39.28	-	112.49
07303-DW11	5/5/2011	147.66	74-79	-	46.10	-	101.56
	4/28/2015			-	46.10	-	101.56
07303-RW1	12/8/2014	Unknown	30.1-50.1	-	41.20	-	-
	4/30/2015	151.83		-	41.16	-	110.67
07303-RW2	12/8/2014	Unknown	30.1-50.1	-	40.93	-	-
	4/30/2015	152.03		-	40.85	-	111.18
07303-RW3	12/8/2014	Unknown	30.2-50.2	-	40.46	-	-
	4/29/2015	151.99		-	40.13	-	111.86
07303-RW4	12/8/2014	Unknown	30.1-50.1	-	40.65	-	-
	4/30/2015	151.74		-	39.88	-	111.86

Notes:

-- = No measurable product.

* = Relative to top of casing (TOC).

** = The TOC elevation benchmark was adjusted from 100' to 150' to allow for the newly installed deep wells with water levels greater than 100' below the TOC.

*** = Product thickness visually confirmed. Observed in bailer during purging.

TABLE 3
GROUNDWATER LABORATORY DATA
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
TERRY PROJECT #2170J

WELL ID	SAMPLING DATE	PARAMETERS																				
		Benzene	Toluene	Ethyl benzene	Xylenes	Naphthalene	MTBE	1,2 DCA	EDB	Lead	TAME	TBA	DIPE	ETBE	ETBA	Ethanol	TAA	TBF	Nitrate/ Nitrite	Sulfate	Ferrous Iron	Methane
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L	ug/L
RBSL	--	5	1,000	700	10,000	25	40	5	0.05	0.05	128	1,400	150	47	N/A	10,000	240	N/A	N/A	N/A	N/A	N/A
07303-MW3	10/1/2008	**8.51**	<1.00	4.1	7.25	3.51J	**57.3**	<1.00	<0.010	0.014B	--	--	--	--	--	--	--	--	7.85	<5.0	0.595	1.60J
	2/16/2009	2.45	<1.00	<1.00	<3.00	<5.00	**56.4**	<1.00	<0.010	0.0051B	6.94	103	2.67J	<5.00	<10.0	<100	46.3	<5.00	--	--	--	--
	6/22/2009	NOT SAMPLED																				
	2/25/2011	2.0	56	46	510	**170**	<1.0	<1.0	<0.020	0.0119	<10	<100	<10	<100	<100	<100	<100	<100	--	--	--	--
	4/29/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.020	--	<10	<20	<1.0	<1.0	<20	<100	<20	<5.0	--	--	--	--
07303-MW5R	10/1/2008	NOT SAMPLED																				
	2/16/2009	<1.00	<1.00	<1.00	<3.00	<5.00	0.994J	<1.00	<0.010	<0.015	<5.00	<10.0	<5.00	<5.00	<10.0	<100	<20.0	<5.00	--	--	--	--
	6/22/2009	NOT SAMPLED																				
	2/25/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.020	<0.001	<10	<100	<10	<100	<100	<100	<100	<100	--	--	--	--
	4/29/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.019	--	<10	<20	<1.0	<1.0	<20	<100	<20	<5.0	--	--	--	--
07303-MW9	10/1/2008	**2,820**	**4,860**	**1,140**	4,720	**357**	**9,050**	<50.0	**197**	**0.16**	--	--	--	--	--	--	--	--	<0.10	1.4B	0.131	1.72J
	2/16/2009	**3,020**	**4,180**	**1,150**	4,370	**393**	**8,630**	**52.0**	**0.069**	0.014B	**438**	**3,450**	**247J**	<250	<500	<5,000	<1,000	<250	--	--	--	--
	6/22/2009	NOT SAMPLED																				
	2/25/2011	**2,900**	**2,700**	**880**	3,900	<2,500	**9,900**	<500	<0.020	0.00796	<5,000	<50,000	<5,000	<50,000	<50,000	<50,000	<50,000	<50,000	--	--	--	--
	4/29/2015	**350**	18	330	260	**59**	**810**	<10	0.0068J	--	34J	450	32	<10	<200	<1,000	220	<50	--	--	--	--
07303-MW10	10/1/2008	**FREE PRODUCT - 0.33 FEET**																				
	2/16/2009	**FREE PRODUCT - 0.10 FEET**																				
	6/22/2009	NOT SAMPLED																				
	2/24/2011*	**3,700**	**12,000**	**1,800**	10,000	<2,500	**4,600**	<500	**4.23**	0.0253	<5,000	<50,000	<5,000	<50,000	<50,000	<50,000	<50,000	<50,000	--	--	--	--
	4/29/2015	**1,200**	**8,700**	**2,100**	**14,000**	**1,200**	**810**	<100	**0.069**	--	46J	**3,100**	<100	<100	<2,000	<10,000	**780J**	<500	--	--	--	--
07303-MW11	2/17/2009	<1.00	<1.00	<1.00	<3.00	<5.00	0.822J	<1.00	<0.010	0.014B	<5.00	<10.0	<5.00	<5.00	<10.0	<100	<20.0	<5.00	1.06	<5.0	<0.10	--
	6/22/2009	NOT SAMPLED																				
	2/24/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.020	0.0130	<10	<100	<10	<100	<100	<100	<100	<100	--	--	--	--
	4/27/2015	<1.0	<1.0	<1.0	<1.0	<1.0	1.7	<1.0	<0.020	--	<10	<20	<1.0	<1.0	<20	<100	<20	<5.0	--	--	--	--
07303-MW12	2/17/2009	<1.00	<1.00	<1.00	<3.00	<5.00	25.3	<1.00	<0.010	0.0043B	<5.00	<10.0	1.22J	<5.00	<10.0	<100	<20.0	<5.00	2.47	<5.0	<0.10	--
	6/22/2009	NOT SAMPLED																				
	2/24/2011	<1.0	<1.0	<1.0	<3.0	<5.0	22	<1.0	<0.020	0.0138	<10	<100	<10	<100	<100	<100	<100	<100	--	--	--	--
	4/27/2015	<1.0	<1.0	<1.0	<1.0	<1.0	3.0	<1.0	<0.020	--	<10	<20	<1.0	<1.0	<20	<100	<20	<5.0	--	--	--	--
07303-MW13	2/17/2009	<1.00	<1.00	<1.00	35.8	10.1	17.4	<1.00	<0.010	<0.015	<5.00	16.7	1.11J	<5.00	<10.0	<100	<20.0	<5.00	4.39	<5.0	<0.10	--
	6/22/2009	NOT SAMPLED																				
	2/24/2011	**72**	6.9	18	13	<5.0	**180**	<1.0	<0.020	0.00609	<10	960	12	<100	<100	<100	170	<100	--	--	--	--
	4/29/2015	0.71J	<1.0	<1.0	<1.0	<1.0	1.8	<1.0	<0.020	--	<10	28	<1.0	<1.0	<20	<100	4.0J	<5.0	--	--	--	--
07303-MW14	2/17/2009	<1.00	<1.00	<1.00	<3.00	<5.00	1.55	<1.00	<0.010	0.0037B	<5.00	<10.0	<5.00	<5.00	<10.0	<100	<20.0	<5.00	2.00	<5.0	<0.10	--
	6/22/2009	NOT SAMPLED																				
	2/24/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.020	0.0140	<10	<100	<10	<100	<100	<100	<100	<100	--	--	--	--
	4/27/2015	<1.0	<1.0	<1.0	<1.0	<1.0	1.9	<1.0	<0.019	--	<10	<20	<1.0	<1.0	<20	<100	<20	<5.0	--	--	--	--
07303-MW15	2/17/2009	**822**	**1,420**	417	1,550	**143**	**1,320**	<20.0	<0.010	0.0047B	**141**	**2,150**	40.8J	<100	<200	<2,000	<400	<100	<0.010	<5.0	0.4	--
	6/22/2009	NOT SAMPLED																				
	2/24/2011	**770**	940	510	2,500	**190**	**1,200**	<1.0	<0.020	0.00774	73	**2,300**	59	<100	<100	<100	**1,600**	<100	--	--	--	--
	4/29/2015	**450**	500	580	2,300	**250**	**260**	**16J**	<0.019	--	32J	830	22	<20	<400	<2,000	**420**	<100	--	--	--	--
07303-MW16	2/17/2009	**183**	85.5	57.2	107	<25.0	**542**	**9.19**	0.019	0.0037B	39.3	114	28.6	<25.0	<50.0	<500	237	<25.0	<0.010	<5.0	2.2	--
	6/22/2009	NOT SAMPLED																				
	2/25/2011	**60**	4.6	4.8	18	9.0	**200**	<1.0	<0.020	0.00214	<10	<100	13	<100	<100	<100	<100	<100	--	--	--	--
	4/29/2015	2.6	<1.0	<1.0	<1.0	1.6	**67**	1.3	<0.019	--	3.8J	50	5.0	<1.0	<20	<100	39	<5.0	--	--	--	--

TABLE 3
GROUNDWATER LABORATORY DATA
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
TERRY PROJECT #2170J

WELL ID	SAMPLING DATE	PARAMETERS																				
		Benzene	Toluene	Ethyl benzene	Xylenes	Naphthalene	MTBE	1,2 DCA	EDB	Lead	TAME	TBA	DIPE	ETBE	ETBA	Ethanol	TAA	TBF	Nitrate/ Nitrite	Sulfate	Ferrous Iron	Methane
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L	ug/L
RBSL	--	5	1,000	700	10,000	25	40	5	0.05	0.05	128	1,400	150	47	N/A	10,000	240	N/A	N/A	N/A	N/A	N/A
07303-MW17	2/16/2009	106	15.7	54.6	84.0	<25.0	463	4.74J	<0.010	<0.015	38.3	72.8	24.0J	<25.0	<50.0	<500	<100	<25.0	<0.010	<5.0	2.4	--
	6/22/2009	NOT SAMPLED																				
	2/25/2011	51	<1.0	7.4	<3.0	13	220	<1.0	<0.020	0.00201	<10	<100	12	<100	<100	<100	<100	<100	--	--	--	--
	4/29/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.019	--	<10	<20	<1.0	<1.0	<20	<100	<20	<5.0	--	--	--	--
07303-MW18	2/16/2009	255	72.7	109	458	<25.0	689	7.48	0.015	0.0056B	44.0	123	37.9	<25.0	<50.0	<500	143	<25.0	<0.010	<5.0	2.5	--
	6/22/2009	NOT SAMPLED																				
	2/25/2011	370	340	140	1,400	110	930	<1.0	<0.021	0.00126	35	390	65	<100	<100	<100	<100	<100	--	--	--	--
	4/29/2015	2.4	<1.0	3.1	1.6	2.3	19	<1.0	<0.020	--	0.96J	41	1.4	<1.0	<20	<100	2.7J	<5.0	--	--	--	--
07303-MW19	2/17/2009	3,110	9,000	1,330	5,410	682	12,100	<100	6.49	0.10	804	7,480	323J	<500	<1,000	<10,000	<2,000	<500	<0.010	4.5B	2.8	--
	6/22/2009	NOT SAMPLED																				
	2/25/2011	FREE PRODUCT - 0.05 FEET																				
	4/29/2015	1,800	13,000	1,900	12,000	1,700	5,600	81J	14	--	480J	8,600	230	<100	<2,000	<10,000	1,500J	<500	--	--	--	--
07303-MW19 (DUP)	4/29/2015	1,600	12,000	1,700	10,000	1,600	5,200	73J	11	--	420J	7,600	210	<100	<2,000	<10,000	1,400J	<500	--	--	--	--
07303-MW20	2/17/2009	1,340	1,840	1,040	2,670	602	6,230	<100	1.61	0.053B	676	16,300	146J	<500	<1,000	<10,000	8,450	<500	<0.010	<5.0	0.6	--
	6/22/2009	NOT SAMPLED																				
	2/25/2011	FREE PRODUCT - 0.07 FEET																				
	4/29/2015	1,100	9,100	2,500	16,000	1,300	1,600	53J	3.3	--	120J	9,100	80J	<200	<4,000	<20,000	2,900J	<1,000	--	--	--	--
07303-MW21	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/25/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.020	0.0289	<10	<100	<10	<100	<100	<100	<100	<100	--	--	--	--
	4/29/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.019	--	<10	<20	<1.0	<1.0	<20	<100	<20	<5.0	--	--	--	--
07303-MW22	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/24/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.020	0.0152	<10	<100	<10	<100	<100	<100	<100	<100	--	--	--	--
	4/27/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.019	--	<10	<20	<1.0	<1.0	<20	<100	<20	<5.0	--	--	--	--
07303-MW23	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/24/2011	46	4.6	40	<3.0	73	140	<1.0	<0.020	0.0106	<10	360	<10	<100	<100	<100	120	<100	--	--	--	--
	4/29/2015	OBSTRUCTED																				
07303-MW24	6/22/2009	233	195	1,040	2,990	312	19.5J	<20.0	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/24/2001	38	63	460	760	200	<1.0	<1.0	<0.020	0.0110	<10	<100	<10	<100	<100	<100	<100	<100	--	--	--	--
	4/28/2015	24	190	770	2,900	320	<20	<20	<0.019	--	<200	52J	<20	<20	<400	<2,000	200J	<100	--	--	--	--
07303-MW25	6/22/2009	299	65.8	635	1,260	226	103	<10.0	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/24/2011	300	17	420	560	190	250	<1.0	<0.020	0.00194	<10	530	<10	<100	<100	<100	290	<100	--	--	--	--
	4/28/2015	77	23	180	470	56	100	2.7J	<0.019	--	3.0J	410	3.0J	<5.0	<100	<500	240	<25	--	--	--	--
07303-MW26	6/22/2009	399	119	335	1,160	165	156	<10.0	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/24/2011	2,300	63	1,700	2,600	490	520	<1.0	<0.020	0.0298	48	2,100	58	<100	<100	<100	2,300	<100	--	--	--	--
	4/29/2015	22	3.7	53	110	21	31	0.76J	<0.019	--	1.4J	91	<1.0	<1.0	<20	<100	48	<5.0	--	--	--	--
07303-MW27	6/22/2009	500	13.1	261	96.8	60.9	1,060	<10.0	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/24/2011	510	50	1,400	660	550	28	<1.0	<0.020	0.0368	<10	<100	<10	<100	<100	<100	<100	<100	--	--	--	--
	4/29/2015	250	37	880	1,900	280	98	<10	<0.019	--	<100	360	<10	<10	<200	<1,000	210	<50	--	--	--	--
07303-MW28	6/22/2009	<1.00	<1.00	<1.00	<3.00	3.98J	0.749J	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/24/2011	<1.0	<1.0	<1.0	<3.0	5.9	54	<1.0	<0.020	0.0204	<10	<100	<10	<100	<100	<100	<100	<100	--	--	--	--
	4/29/2015	<1.0	<1.0	<1.0	<1.0	<1.0	0.60J	<1.0	<0.020	--	<10	<20	<1.0	<1.0	<20	<100	<20	<5.0	--	--	--	--
07303-MW29	6/22/2009	14.4	11.3	65.4	302	29.0	44.2	4.39	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/25/2011	<20	53	120	270	<100	<20	<20	<0.020	0.00640	<200	<2,000	<200	<2,000	<2,000	<2,000	<2,000	<2,000	--	--	--	--
	4/29/2015	10	4.5J	52	130	11	19	<5.0	<0.019	--	<50	29J	<5.0	<5.0	<100	<500	46J	<25	--	--	--	--

TABLE 3
GROUNDWATER LABORATORY DATA
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
TERRY PROJECT #2170J

WELL ID	SAMPLING DATE	PARAMETERS																				
		Benzene	Toluene	Ethyl benzene	Xylenes	Naphthalene	MTBE	1,2 DCA	EDB	Lead	TAME	TBA	DIPE	ETBE	ETBA	Ethanol	TAA	TBF	Nitrate/ Nitrite	Sulfate	Ferrous Iron	Methane
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L	ug/L
RBSL	--	**5**	**1,000**	**700**	**10,000**	**25**	**40**	**5**	**0.05**	**0.05**	**128**	**1,400**	**150**	**47**	**N/A**	**10,000**	**240**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
07303-MW30	6/22/2009	3.06	<1.00	1.25	<3.00	<5.00	31.4	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/25/2011	2.2	<1.0	<1.0	<3.0	<5.0	6.1	<1.0	<0.020	<0.001	<10	<100	<10	<100	<100	<100	<100	<100	--	--	--	--
	4/29/2015	1.0	<1.0	<1.0	<1.0	<1.0	5.3	<1.0	<0.020	--	<10	3.2J	<1.0	<1.0	<20	<100	2.0J	<5.0	--	--	--	--
07303-MW31	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/25/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.020	0.00818	<10	<100	<10	<100	<100	<100	<100	<100	--	--	--	--
	4/28/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.019	--	<10	<20	<1.0	<1.0	<20	<100	<20	<5.0	--	--	--	--
07303-MW32	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/25/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.021	0.0119	<10	<100	<10	<100	<100	<100	<100	<100	--	--	--	--
	4/28/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.019	--	<10	<20	<1.0	<1.0	<20	<100	<20	<5.0	--	--	--	--
07303-MW33	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/25/2011	<1.0	<1.0	5.0	8.2	15	<1.0	<1.0	<0.020	0.0317	<10	<100	<10	<100	<100	<100	<100	<100	--	--	--	--
	4/28/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.019	--	<10	<20	<1.0	<1.0	<20	<100	<20	<5.0	--	--	--	--
07303-MW34	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/25/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.021	0.0347	<10	<100	<10	<100	<100	<100	<100	<100	--	--	--	--
	4/28/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.019	--	<10	<20	<1.0	<1.0	<20	<100	<20	<5.0	--	--	--	--
07303-MW35	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/25/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.020	0.0236	<10	<100	<10	<100	<100	<100	<100	<100	--	--	--	--
	4/28/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.019	--	<10	<20	<1.0	<1.0	<20	<100	<20	<5.0	--	--	--	--
07303-MW36	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/24/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.020	0.00409	<10	<100	<10	<100	<100	<100	<100	<100	--	--	--	--
	4/27/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.019	--	<10	<20	<1.0	<1.0	<20	<100	<20	<5.0	--	--	--	--
07303-MW37	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/24/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.021	0.0255	<10	<100	<10	<100	<100	<100	<100	<100	--	--	--	--
	4/27/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.019	--	<10	<20	<1.0	<1.0	<20	<100	<20	<5.0	--	--	--	--
07303-MW38	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010													
	2/24/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.020	0.0110	<10	<100	<10	<100	<100	<100	<100	<100	--	--	--	--
	4/27/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.019	--	<10	<20	<1.0	<1.0	<20	<100	<20	<5.0	--	--	--	--
07303-MW39	2/25/2011	1.3	<1.0	<1.0	<3.0	<5.0	5.0	<1.0	<0.020	0.0203	<10	<100	<10	<100	<100	<100	<100	<100	--	--	--	--
	4/28/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.019	--	<10	<20	<1.0	<1.0	<20	<100	<20	<5.0	--	--	--	--
07303-MW40	2/25/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.020	**0.0501**	<10	<100	<10	<100	<100	<100	<100	<100	--	--	--	--
	4/28/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.019	--	<10	<20	<1.0	<1.0	<20	<100	<20	<5.0	--	--	--	--
07303-MW41	3/24/2011	**81**	<5.0	<5.0	<5.0	6.0	**94**	<5.0	<0.020	0.0240	<10	250	<10	<100	<100	<100	<100	<100	--	--	--	--
	4/28/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.019	--	<10	<20	<1.0	<1.0	<20	<100	<20	<5.0	--	--	--	--
07303-MW42	2/25/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.020	0.0108	<10	<100	<10	<100	<100	<100	<100	<100	--	--	--	--
	4/28/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.019	--	<10	<20	<1.0	<1.0	<20	<100	<20	<5.0	--	--	--	--
07303-MW43	3/24/2011	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.021	0.0117	<10	<100	<10	<100	<100	<100	<100	<100	--	--	--	--
	4/28/2015	COULD NOT FIND																				
07303-MW44	5/5/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<5.0	<0.020	0.0229	<10	<100	<10	<100	<100	<100	<100	<100	--	--	--	--
	4/28/2015	<1.0	<1.0	<1.0	<1.0	<1.0	1.3	<1.0	<0.020	--	<10	<20	<1.0	<1.0	<20	<100	<20	<5.0	--	--	--	--
07303-MW45	5/5/2011	<1.0	<1.0	<1.0	<3.0	<5.0	1.3	<5.0	<0.020	0.0314	<10	<100	<10	<100	<100	<100	<100	<100	--	--	--	--
	4/28/2015	COULD NOT FIND																				
07303-MW46	5/5/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<5.0	<0.020	0.00512	<10	<100	<10	<100	<100	<100	<100	<100	--	--	--	--
	4/28/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.019	--	<10	<20	<1.0	<1.0	<20	<100	<20	<5.0	--	--	--	--
07303-MW46 (DUP)	4/28/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.020	--	<10	<20	<1.0	<1.0	<20	<100	<20	<5.0	--	--	--	--

TABLE 3
GROUNDWATER LABORATORY DATA
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
TERRY PROJECT #2170J

WELL ID	SAMPLING DATE	PARAMETERS																				
		Benzene	Toluene	Ethyl benzene	Xylenes	Naphthalene	MTBE	1,2 DCA	EDB	Lead	TAME	TBA	DIPE	ETBE	ETBA	Ethanol	TAA	TBF	Nitrate/ Nitrite	Sulfate	Ferrous Iron	Methane
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L	ug/L
RBSL	--	5	1,000	700	10,000	25	40	5	0.05	0.05	128	1,400	150	47	N/A	10,000	240	N/A	N/A	N/A	N/A	N/A
07303-MW47	5/5/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<5.0	<0.020	0.00351	<10	<100	<10	<100	<100	<100	<100	<100	--	--	--	--
	4/28/2015	COULD NOT FIND																				
07303-MW48	5/5/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<5.0	<0.020	**0.144**	<10	<100	<10	<100	<100	<100	<100	<100	--	--	--	--
	4/28/2015	COULD NOT FIND																				
07303-DW1	2/17/2009	1.66	1.39	<1.00	<3.00	<5.00	**47.5**	<1.00	<0.010	<0.075	6.66	42.9	2.42J	<5.00	<10.0	<100	<20.0	<5.00	0.507	9.4	0.2	--
	6/22/2009	NOT SAMPLED																				
	2/24/2011	2.8	<1.0	<1.0	<3.0	<5.0	**330**	<1.0	<0.020	<0.001	<10	<100	<10	<100	<100	<100	<100	<100	--	--	--	--
	4/30/2015	1.9	<1.0	<1.0	<1.0	<1.0	**63**	<1.0	<0.019	--	2.4J	29	2.9	<1.0	<20	<100	20	<5.0	--	--	--	--
07303-DW2	2/17/2009	2.81	<1.00	<1.00	<3.00	<5.00	**51.3**	<1.00	<0.010	0.015B	6.77	14.7	2.14J	<5.00	<10.0	<100	<20.0	<5.00	0.594	1.4B	<0.10	--
	6/22/2009	NOT SAMPLED																				
	2/24/2011	<1.0	<1.0	<1.0	<3.0	8.3	26	<1.0	<0.020	0.00129	<10	<100	<10	<100	<100	<100	<100	<100	--	--	--	--
	4/30/2015	1.6	<1.0	<1.0	0.44J	<1.0	38	0.56J	<0.020	--	1.8J	21	1.8	<1.0	<20	<100	12J	<5.0	--	--	--	--
07303-DW3	2/17/2009	**6.59**	1.85J	<2.00	<6.00	<10.0	**279**	3.42	<0.010	<0.075	15.8	42.7	14.0	<10.0	<20.0	<200	76.8	<10.0	0.461	<5.0	<0.10	--
	6/22/2009	NOT SAMPLED																				
	2/24/2011	**5.4**	3.1	<1.0	<3.0	<5.0	**310**	<1.0	<0.020	0.00404	<10	<100	<10	<100	<100	<100	<100	<100	--	--	--	--
	4/30/2015	3.2	2.9	0.59J	2.9	<1.0	**44**	<1.0	<0.020	--	2.2J	22	2.5	<1.0	<20	<100	14J	<5.0	--	--	--	--
07303-DW3 (DUP)	4/30/2015	4.1	3.9	0.79J	3.8	<1.0	**56**	0.67J	<0.019	--	2.6J	28	3.3	<1.0	<20	<100	18J	<5.0	--	--	--	--
07303-DW5	6/22/2009	1.93	1.22	2.36	1.24J	<5.00	2.42	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/24/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.020	<0.001	<10	<100	<10	<100	<100	<100	<100	<100	--	--	--	--
	4/27/2015	0.78J	0.57J	<1.0	0.67J	<1.0	0.53J	<1.0	<0.020	--	<10	4.7J	<1.0	<1.0	<20	37J	<20	<5.0	--	--	--	--
07303-DW6	6/23/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/24/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.021	0.0142	<10	<100	<10	<100	<100	<100	<100	<100	--	--	--	--
	4/30/2015	0.28J	0.68J	<1.0	0.37J	<1.0	<1.0	<1.0	<0.019	--	<10	2.6J	<1.0	<1.0	<20	<100	<20	<5.0	--	--	--	--
07303-DW7	6/23/2009	<1.00	<1.00	<1.00	<3.00	<5.00	1.60	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/24/2011	4.7	<1.0	<1.0	<3.0	<5.0	3.2	<1.0	<0.020	0.00318	<10	<100	<10	<100	<100	<100	<100	<100	--	--	--	--
	4/30/2015	1.7	0.36J	<1.0	<1.0	<1.0	3.5	<1.0	<0.020	--	<10	2.7J	<1.0	<1.0	<20	<100	<20	<5.0	--	--	--	--
07303-DW9	6/22/2009	<1.00	<1.00	<1.00	<3.00	<5.00	1.20	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/24/2011	<1.0	<1.0	<1.0	<3.0	<5.0	1.6	<1.0	<0.020	0.00422	<10	<100	<10	<100	<100	<100	<100	<100	--	--	--	--
	4/27/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.019	--	<10	<20	<1.0	<1.0	<20	<100	<20	<5.0	--	--	--	--
07303-DW10	6/23/2009	<1.00	<1.00	<1.00	<3.00	<5.00	<1.00	<1.00	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/24/2011	1.5	<1.0	<1.0	<3.0	<5.0	<1.0	<1.0	<0.021	0.00349	<10	<100	<10	<100	<100	<100	<100	<100	--	--	--	--
	4/27/2015	0.31J	<1.0	<1.0	<1.0	<1.0	0.77J	<1.0	<0.020	--	<10	<20	<1.0	<1.0	<20	<100	<20	<5.0	--	--	--	--
07303-DW11	5/5/2011	**13**	<1.0	<1.0	<3.0	<5.0	**670**	<5.0	<0.020	<0.001	11	1,400	17	<100	<100	<100	**710**	<100	--	--	--	--
	4/28/2015	**8.9**	<1.0	2.2	1.0	<1.0	**250**	2.0	<0.020	--	14	700	15	<1.0	<20	<100	**310**	<5.0	--	--	--	--
07303-RW1	4/30/2015	**870**	**6,500**	**1,400**	7,100	**480**	**970**	**30J**	0.0063J	--	63J	**3,500**	39J	<50	<1,000	<5,000	**1,200**	<250	--	--	--	--
07303-RW2	4/30/2015	**1,400**	**10,000**	**2,500**	**11,000**	**730**	**1,600**	**45J**	**0.26**	--	84J	**6,800**	68	<50	<1,000	<5,000	**2,500**	<250	--	--	--	--
07303-RW3	4/29/2015	**730**	**1,200**	**2,000**	7,500	**690**	**550**	**24J**	**4.6**	--	45J	**6,600**	26J	<50	<1,000	<5,000	**2,900**	<250	--	--	--	--
07303-RW4	4/30/2015	**9.0**	8.0	0.95J	16	0.96J	**200**	1.9	**0.36**	--	16	490	9.3	<1.0	<20	<100	180	<5.0	--	--	--	--
07303-SW1	5/5/2011	<1.0	<1.0	<1.0	<3.0	<5.0	8.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/28/2015	<1.0	<1.0	<1.0	<1.0	<1.0	4.7	<1.0	<0.020	--	<10	11J	<1.0	<1.0	<20	<100	4.4J	<5.0	--	--	--	--
07303-SW2	5/5/2011	<1.0	<1.0	<1.0	<3.0	<5.0	<1.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/28/2015	<1.0	<1.0	<1.0	<1.0	<1.0	4.2	<1.0	<0.019	--	<10	7.6J	<1.0	<1.0	<20	<100	3.4J	<5.0	--	--	--	--

TABLE 3
GROUNDWATER LABORATORY DATA
FORMER LI'L CRICKET #339
SENECA, SOUTH CAROLINA
SCDHEC UST PERMIT #07303
TERRY PROJECT #2170J

WELL ID	SAMPLING DATE	PARAMETERS																			
		Benzene	Toluene	Ethyl benzene	Xylenes	Naphthalene	MTBE	1,2 DCA	EDB	Lead	TAME	TBA	DIPE	ETBE	ETBA	Ethanol	TAA	TBF	Nitrate/ Nitrite	Sulfate	Ferrous Iron	Methane
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L	ug/L
RBSL	--	**5**	**1,000**	**700**	**10,000**	**25**	**40**	**5**	**0.05**	**0.05**	**128**	**1,400**	**150**	**47**	**N/A**	**10,000**	**240**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
07303-FB1	4/27/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.020	--	<10	<20	<1.0	<1.0	<20	<100	<20	<5.0	--	--	--	--
07303-FB2	4/28/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.020	--	<10	<20	<1.0	<1.0	<20	<100	<20	<5.0	--	--	--	--
07303-FB3	4/29/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.020	--	<10	<20	<1.0	<1.0	<20	<100	<20	<5.0	--	--	--	--
07303-FB4	4/30/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.020	--	<10	<20	<1.0	<1.0	<20	<100	<20	<5.0	--	--	--	--
07303-TB1	4/27/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	<10	<20	<1.0	<1.0	<20	<100	<20	<5.0	--	--	--	--
07303-TB2	4/29/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	<10	<20	<1.0	<1.0	<20	<100	<20	<5.0	--	--	--	--

NOTES:

-- = Parameter was not tested
RBSL = Risk Based Screening Levels
ug/L= micrograms per liter
mg/L= milligrams per liter
J = Indicates an estimated value
MTBE = Methyl tertiary butyl ether
1,2 DCA = 1,2 Dichloroethane
EDB = 1,2-Dibromoethane
TAME = tert-Amyl methyl ether or t-amyl methyl ether
TBA = tert-Butyl Alcohol or t-Butanol
DIPE = Isopropyl ether or diisopropyl Ether
ETBE = Ethyl tert-butyl ether
ETBA = 3,3-Dimethyl-1-butanol or ethyl tert-butanol
TAA = tert-Amyl alcohol
TBF = tert-butyl formate
B = (ORGANICS) Indicates the analyte was detected in the associated method blank
B = (INORGANICS) Indicates the result is between the RDL and the MDL
Bold Lettering indicates parameter exceeds SCDHEC RBSLs except for 1,2 DCA which is based on EPA limits
* = Sample was collected beneath free product (0.02' thickness) per SCDHEC request
DUP = duplicate
FB = Field Blank
TB = Trip Blank

J. FIGURES

1. Topographic Map

Figure 1 Topographic Map - Attached

2. Site Base Map

Figure 2 Site Base Map - Attached

3. CoC Site Maps

Figure 3 Soil CoC Map - Not Applicable

Figure 4A Groundwater CoC Map - Attached

Figure 4B Groundwater CoC Map (Oxygenates) - Attached

4. Site Potentiometric Maps

Figure 5A Site Potentiometric Map (Shallow) - Attached

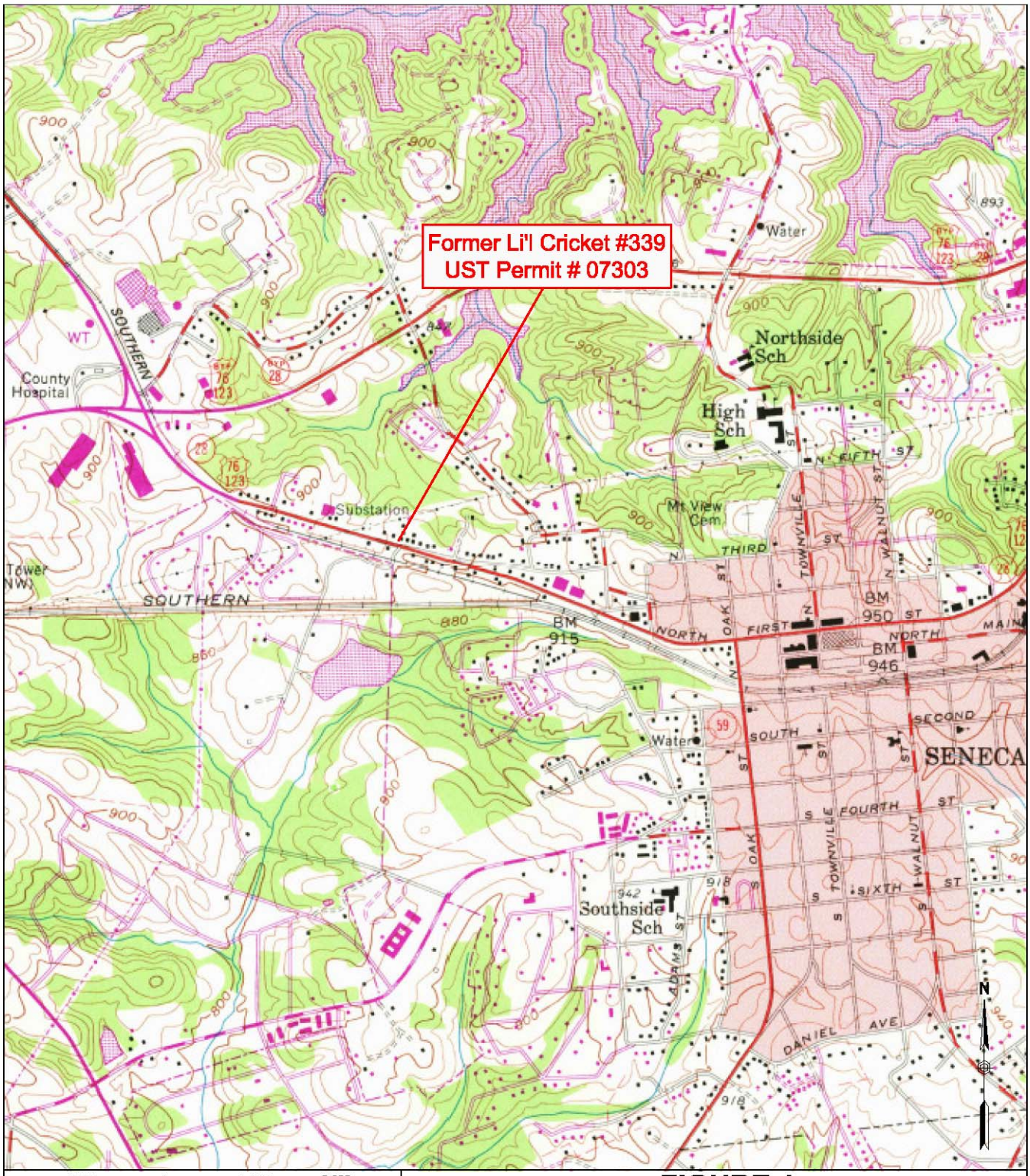
Figure 5B Site Potentiometric Map (Deep) - Attached

5. Geologic Cross Sections

Figure 6 Geologic Cross Sections - Not Applicable

6. Predicted Migration and Attenuation of CoCs

Figure 7 Predicted Migration and Attenuation of CoCs - Not Applicable



1,000 0 1,000 2,000
FEET

FIGURE 1
TOPOGRAPHIC MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, South Carolina

TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

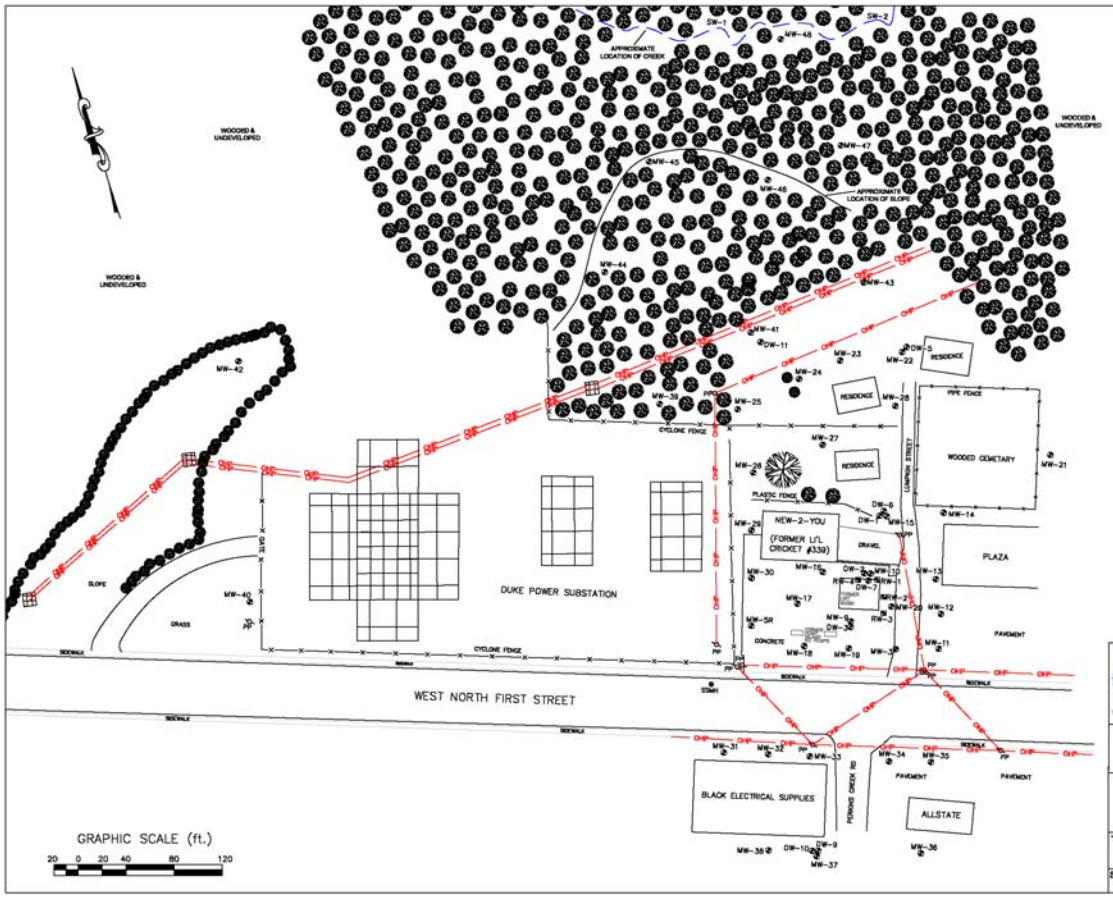
... providing our clients with the best services available, actually understanding our clients objectives, and making their obectives our own!

PO Box 25
Summerville, South Carolina 29484
(800) 325-0605 (843)-873-8200 fax: (843)-873-9765

SIZE	TERRY Project No.	DWG NO.	REV
B	2170J	Figure 1 Topo Map	

SCALE: As Shown

DATE: May 2015

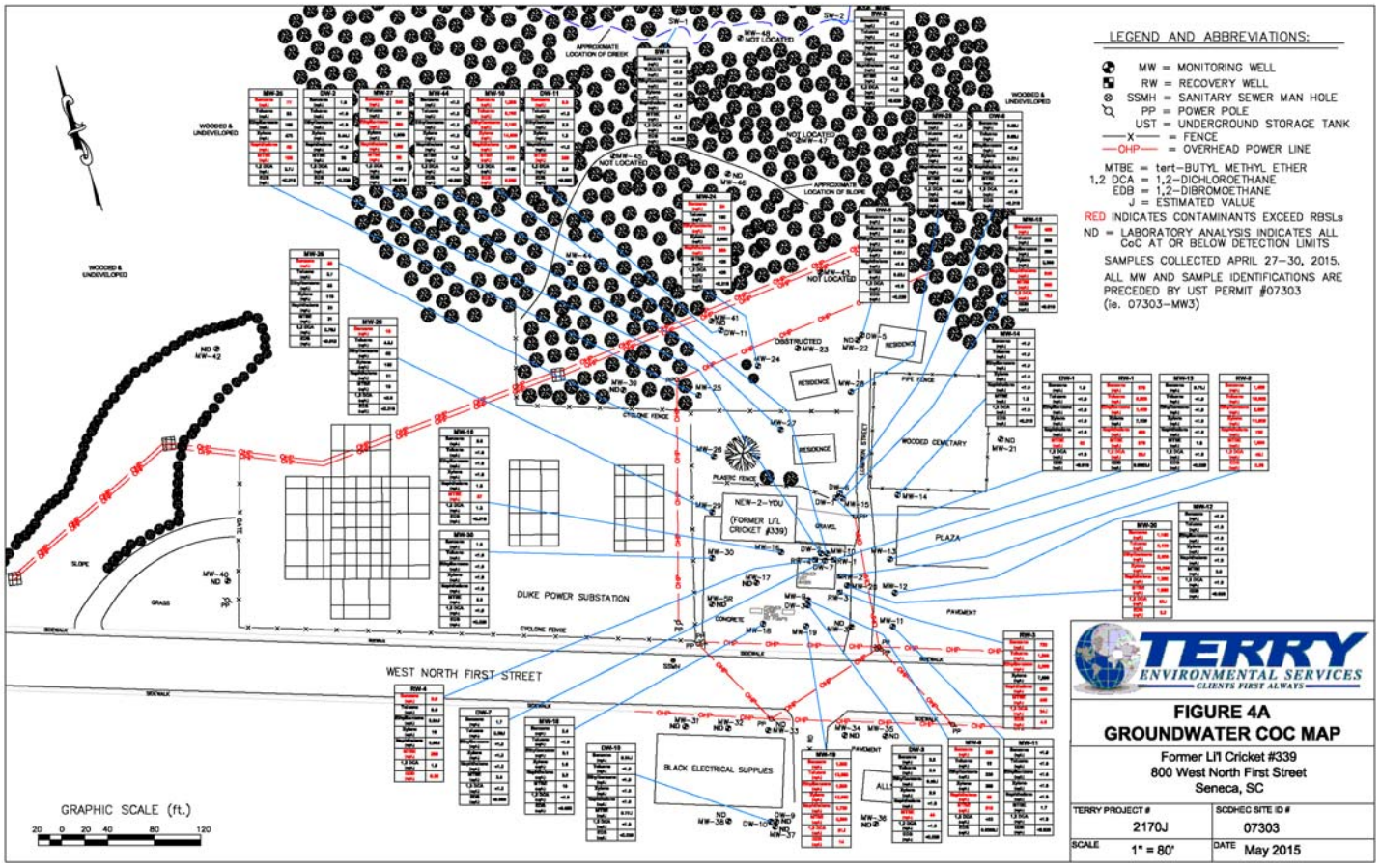


TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

FIGURE 2
SITE BASE MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170J	07303
SCALE 1" = 80'	DATE May 2015

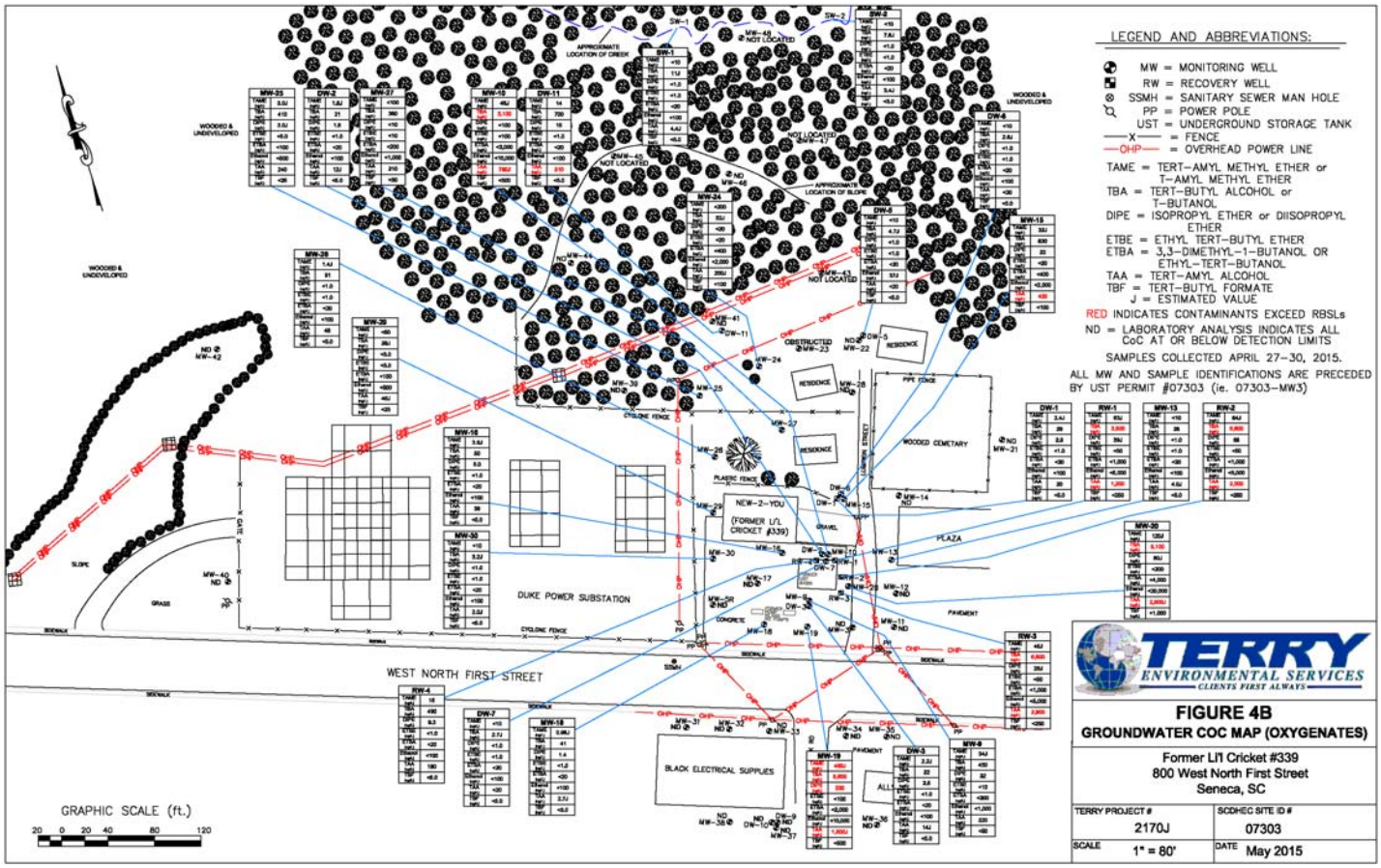


TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

FIGURE 4A
GROUNDWATER COC MAP

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170J	07303
SCALE 1" = 80'	DATE May 2015

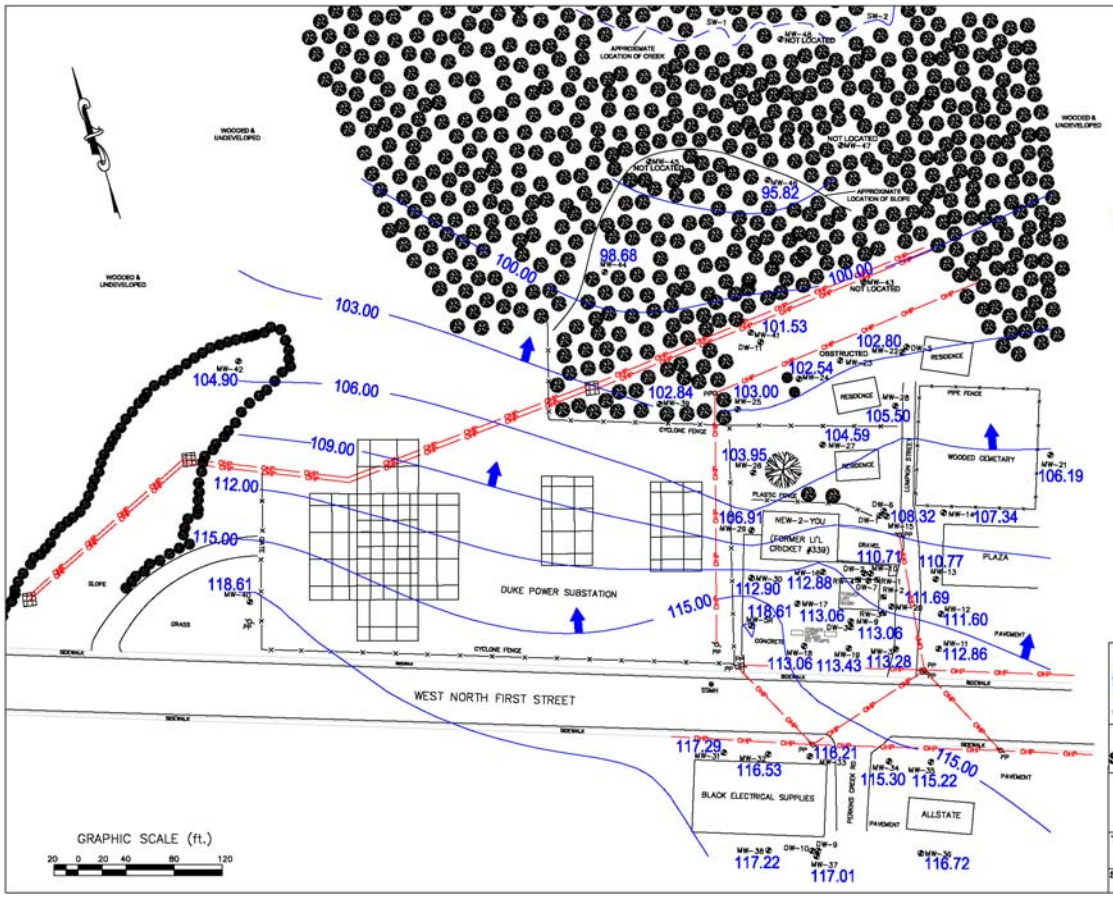


TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

FIGURE 4B
GROUNDWATER COC MAP (OXYGENATES)

Former LI'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170J	07303
SCALE 1" = 80'	DATE May 2015

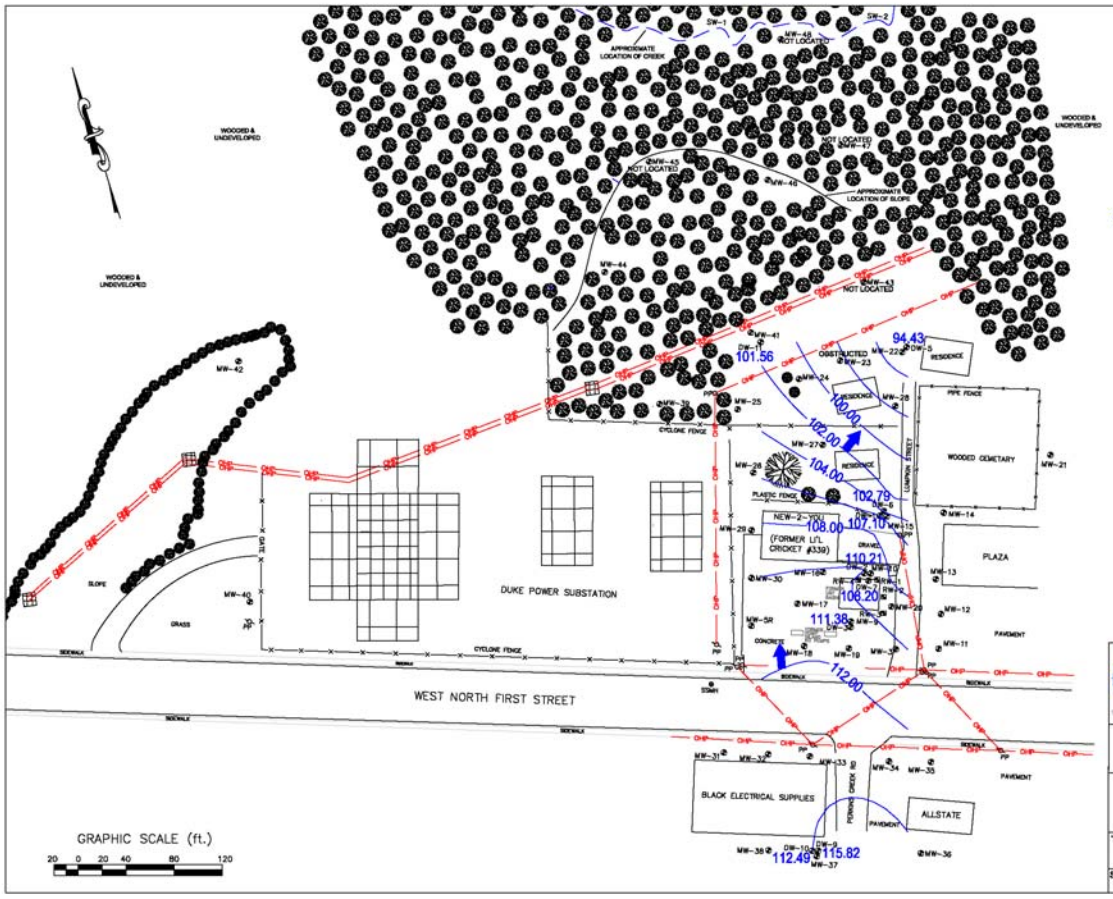


TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

FIGURE 5A
SITE POTENTIOMETRIC MAP (SHALLOW)

Former Li'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170J	07303
SCALE 1" = 80'	DATE May 2015



LEGEND AND ABBREVIATIONS:

- MW = MONITORING WELL
- RW = RECOVERY WELL
- SSMH = SANITARY SEWER MAN HOLE
- PP = POWER POLE
- UST = UNDERGROUND STORAGE TANK
- —X— = FENCE
- —OHP— = OVERHEAD POWER LINE
- 94.43 GROUNDWATER ELEVATION (RELATIVE TO AN ASSUMED DATUM)
- 100.00 GROUNDWATER CONTOUR
- GROUNDWATER FLOW DIRECTION

MEASUREMENTS COLLECTED APRIL 27–30, 2015

ALL MW AND SAMPLE IDENTIFICATIONS ARE PRECEDED BY UST PERMIT #07303 (ie. 07303–MW3)

TERRY ENVIRONMENTAL SERVICES
CLIENTS FIRST ALWAYS

FIGURE 5B
SITE POTENTIOMETRIC MAP (DEEP)

Former LI'l Cricket #339
800 West North First Street
Seneca, SC

TERRY PROJECT #	SCDHEC SITE ID #
2170J	07303
SCALE 1" = 80'	DATE May 2015

K. APPENDICES

1. Appendix A: Site Survey

Not Applicable

2. Appendix B: Sampling Logs and Laboratory Data

3. Appendix C: Tax Map

Not Applicable

4. Appendix D: Soil Boring/Field Screening Logs

Not Applicable

5. Appendix E: Well Completion Logs/SCDHEC 1903 Forms

Not Applicable

6. Appendix F: Aquifer Evaluation Forms

Not Applicable

7. Appendix G: Disposal Manifest

8. Appendix H: Local Zoning Regulations

Not Applicable

9. Appendix I: Fate and Transport Modeling Data

Not Applicable

10. Appendix J: Access Agreements

Not Applicable

11. Appendix K: Data Verification Checklist

APPENDIX A

Site Survey
(Not Applicable)

APPENDIX B

Sampling Logs and Laboratory Data

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4 / 29 /2015
Field Personnel	JK
General Weather	Cloudy
Ambient Air Temperature	70

Monitoring Well Information

Well ID	07303 - MW3
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB

Well Diameter	2	in
Screened Interval	37-55	ft
Total Well Depth (nearest 0.1')	54.3	ft
Depth to Groundwater (nearest 0.01')	38.81	ft
Length of Water Column	15.43	ft
1 Casing Volume (0.163)	2.52	ft
3 Casing Volumes (0.489)	7.56	gals
Total Volume Purged	8.25	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'

54.3

Purge Technique Utilized (bailer, pump)

Well Yield Low ☐ Medium ☐ High ☐

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	0900	Last Verification √ (time)	1700

Volume (gal)	Initial	2.75	5.50	8.25
Time (military)	1742	1746	1750	1754
pH (su)	6.47	5.99	6.03	6.00
Spec Conductivity (mS/cm)	0.168	0.155	0.160	0.159
Water Temperature (°C)	21.9	21.7	21.7	21.7
Turbidity (NTU)	56.0	163	171	170
Dissolved Oxygen (mg/L)	6.09	4.79	4.33	4.56

Sample

Well Condition Information

-overall condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services — CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4 /29 /2015
Field Personnel	JK
General Weather	Cloudy
Ambient Air Temperature	70

Monitoring Well Information

Well ID	07303 - MW5R
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB

Well Diameter	2	in
Screened Interval	50-60	ft
Total Well Depth (nearest 0.1')	59.4	ft
Depth to Groundwater (nearest 0.01')	31.40	ft
Length of Water Column	28.00	ft
1 Casing Volume (0.163)	4.56	ft
3 Casing Volumes (0.489)	13.68	gals
Total Volume Purged	15	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'

59.4

Purge Technique Utilized (bailer, pump)

Well Yield Low ☐ Medium ☒ High ☐

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	0900	Last Verification √ (time)	1300

Volume (gal)	Initial	2.5	5.0	7.5	10.0	12.5	15.0	/ Sampler
Time (military)	1537	1539	1541	1543	1545	1547	1549	
pH (su)	6.65	6.88	6.82	6.79	7.25	7.31	7.34	
Spec Conductivity (mS/cm)	0.077	0.085	0.090	0.096	0.098	0.099	0.099	
Water Temperature (°C)	21.9	22.0	21.8	21.7	21.5	21.5	21.5	
Turbidity (NTU)	1.9	125	98.6	77.4	46.3	42.0	41.5	
Dissolved Oxygen (mg/L)	0.46	4.17	3.97	4.36	4.02	3.17	3.79	

Well Condition Information

-overall condition acceptable?	yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services — CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4 /29 /2015
Field Personnel	JK
General Weather	Cloudy
Ambient Air Temperature	70

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	0900	Last Verification √ (time)	1700

Monitoring Well Information

Well ID	07303 - MW9		
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'
Screened Interval	45-55	ft	
Total Well Depth (nearest 0.1')	54.8	ft	
Depth to Groundwater (nearest 0.01')	37.79	ft	
Length of Water Column	17.01	ft	
1 Casing Volume (0.163)	2.77	ft	
3 Casing Volumes (0.489)	8.31	gals	
Total Volume Purged	9	gals	
Purge Technique Utilized (bailer, pump)			54.8
Well Yield	Low ☐ Medium ☐ High ☐		

Volume (gal)	Initial	3.0	6.0	9.0	/ Sample				
Time (military)	1810	1815	1819	1824					
pH (su)	6.14	6.72	6.70	6.79					
Spec Conductivity (mS/cm)	0.117	0.283	0.279	0.277					
Water Temperature (°C)	20.2	20.8	20.8	20.8					
Turbidity (NTU)	113	199	212	196					
Dissolved Oxygen (mg/L)	7.68	8.95	7.80	7.02					

Well Condition Information

-overall condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services — CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4 /29 /2015
Field Personnel	JK
General Weather	Cloud
Ambient Air Temperature	85

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	0900	Last Verification √ (time)	1700

Monitoring Well Information

Well ID	07303 - MW10		
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'
Screened Interval	42-52	ft	
Total Well Depth (nearest 0.1')	51.7	ft	
Depth to Groundwater (nearest 0.01')	41.36	ft	
Length of Water Column	10.34	ft	
1 Casing Volume (0.163)	1.69	ft	
3 Casing Volumes (0.489)	5.07	gals	
Total Volume Purged	5.25	gals	
Purge Technique Utilized (bailer, pump)			51.7
Well Yield	Low ☐ Medium ☐ High ☐		

Volume (gal)	Initial	1.75	3.50	5.25	Sample				
Time (military)	1702	1905	1908	1911					
pH (su)	6.41	6.21	6.24	6.18					
Spec Conductivity (mS/cm)	0.536	0.301	0.300	0.298					
Water Temperature (°C)	20.2	20.6	20.6	20.6					
Turbidity (NTU)	92.5	379	368	355					
Dissolved Oxygen (mg/L)	4.57	4.71	4.77	4.62					

Well Condition Information

-overall condition acceptable?	yes
-well cap acceptable?	↓
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services — CLIENTS FIRST ALWAYS

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1-800-325-0605

Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	8/27/2015
Field Personnel	JK
General Weather	Clear
Ambient Air Temperature	75

Monitoring Well Information

Well ID	07303 - MW 11
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB

Well Diameter	2	in
Screened Interval	40 - 50	ft
Total Well Depth (nearest 0.1')	49.7	ft
Depth to Groundwater (nearest 0.01')	40.65	ft
Length of Water Column	9.05	ft
1 Casing Volume (0.163)	1.47	ft
3 Casing Volumes (0.489)	4.41	gals
Total Volume Purged		gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'

49.7

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	1330	Last Verification √ (time)	—

Purge Technique Utilized (bailer, pump)

Well Yield — Low ☐ Medium ☐ High ☐

Volume (gal)	Initial	1.5	3.0	4.5	Sample					
Time (military)	1500	1503	1506	1509						
pH (su)	5.76	5.41	5.50	5.46						
Spec Conductivity (mS/cm)	0.082	0.071	0.069	0.067						
Water Temperature (°C)	23.2	22.6	22.6	22.6						
Turbidity (NTU)	4.1	158	153	141						
Dissolved Oxygen (mg/L)	5.20	4.29	5.10	4.80						

Well Condition Information

-overall condition acceptable? Yes
-well cap acceptable?
-manhole and cover acceptable?
-well pad acceptable?
-area safe?
-other comments

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services — CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4/27/2015
Field Personnel	JK
General Weather	Clear
Ambient Air Temperature	70

Monitoring Well Information

Well ID	07303 - MW12	
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB	
Well Diameter	2	in
Screened Interval	40-50	ft
Total Well Depth (nearest 0.1')	50.0	ft
Depth to Groundwater (nearest 0.01')	42.80	ft
Length of Water Column	7.20	ft
1 Casing Volume (0.163)	1.17	ft
3 Casing Volumes (0.489)	3.51	gals
Total Volume Purged		gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'

50.0

Purge Technique Utilized (bailer, pump)

Well Yield Low ☐ Medium ☐ High ☐

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	1330	Last Verification √ (time)	—

	Initial	1.25	2.50	3.75	Sample
Volume (gal)					
Time (military)	1442	1445	1448	1451	
pH (su)	7.49	5.84	5.80	5.86	
Spec Conductivity (mS/cm)	0.356	0.133	0.130	0.131	
Water Temperature (°C)	23.2	22.1	22.1	22.1	
Turbidity (NTU)	5.5	30.2	29.7	28.6	
Dissolved Oxygen (mg/L)	8.61	4.69	4.05	3.95	

Well Condition Information

-overall condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services — CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4 /29 /2015
Field Personnel	JK
General Weather	Cloudy
Ambient Air Temperature	70

Monitoring Well Information

Well ID	07303 - MW13
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB

Well Diameter	2	in
Screened Interval	40-50	ft
Total Well Depth (nearest 0.1')	49.7	ft
Depth to Groundwater (nearest 0.01')	42.77	ft
Length of Water Column	6.93	ft
1 Casing Volume (0.163)	1.12	ft
3 Casing Volumes (0.489)	3.36	gals
Total Volume Purged	3.75	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'

49.7

Purge Technique Utilized (bailer, pump)

Well Yield — Low ☐ Medium ☐ High ☐

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	0900	Last Verification √ (time)	1700

Volume (gal)	Initial	1.25	2.50	3.75	/ sample					
Time (military)	1703	1706	1709	1712						
pH (su)	6.60	5.93	5.90	5.95						
Spec Conductivity (mS/cm)	0.103	0.163	0.162	0.160						
Water Temperature (°C)	22.2	21.8	21.8	21.8						
Turbidity (NTU)	11.9	191	202	208						
Dissolved Oxygen (mg/L)	5.59	4.30	5.10	4.46						

Well Condition Information

-overall condition acceptable?	yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4/27/2015
Field Personnel	JK
General Weather	Clear
Ambient Air Temperature	75°

Monitoring Well Information

Well ID	07303 - MW14
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB

Well Diameter	2	in
Screened Interval	45 - 55	ft
Total Well Depth (nearest 0.1')	54.2	ft
Depth to Groundwater (nearest 0.01')	46.98	ft
Length of Water Column	7.22	ft
1 Casing Volume (0.163)	1.18	ft
3 Casing Volumes (0.489)	3.54	gals
Total Volume Purged	3.75	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'

54.2

Purge Technique Utilized (bailer, pump)

Well Yield Low ☐ Medium ☐ High ☐

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	1330	Last Verification √ (time)	—

	Initial	1.25	2.50	3.75	Sample
Volume (gal)					
Time (military)	1519	1522	1525	1528	
pH (su)	5.41	5.71	5.75	5.78	
Spec Conductivity (mS/cm)	0.074	0.090	0.090	0.092	
Water Temperature (°C)	23.3	23.6	23.6	23.6	
Turbidity (NTU)	3.2	129	127	138	
Dissolved Oxygen (mg/L)	8.95	3.58	4.28	3.65	

Well Condition Information

-overall condition acceptable? yes
-well cap acceptable?
-manhole and cover acceptable?
-well pad acceptable?
-area safe?
-other comments

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services
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P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4/29/2015
Field Personnel	JK
General Weather	cloudy
Ambient Air Temperature	65

Monitoring Well Information

Well ID	07303 - MW15		
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'
Screened Interval	40-50	ft	
Total Well Depth (nearest 0.1')	49.6	ft	
Depth to Groundwater (nearest 0.01')	44.35	ft	
Length of Water Column	5.25	ft	
1 Casing Volume (0.163)	0.86	ft	
3 Casing Volumes (0.489)	2.58	gals	
Total Volume Purged	3	gals	
Purge Technique Utilized (bailer, pump)			49.6
Well Yield	Low ☐ Medium ☐ High ☐		

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	0900	Last Verification √ (time)	1300

	Initial	1.0	2.0	3.0
Volume (gal)				
Time (military)	1420	1423	1426	1429
pH (su)	6.02	6.87	6.90	6.85
Spec Conductivity (mS/cm)	0.291	0.259	0.257	0.260
Water Temperature (°C)	20.9	20.1	20.1	20.1
Turbidity (NTU)	29.1	286	295	310
Dissolved Oxygen (mg/L)	4.07	3.03	2.97	2.78

Well Condition Information

-overall condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services — CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4 /29 /2015
Field Personnel	JK
General Weather	Cloudy
Ambient Air Temperature	70

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	0900	Last Verification √ (time)	1300

Monitoring Well Information

Well ID	07303 - MW16		
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'
Screened Interval	40-55	ft	
Total Well Depth (nearest 0.1')	54.6	ft	
Depth to Groundwater (nearest 0.01')	38.45	ft	
Length of Water Column	16.15	ft	
1 Casing Volume (0.163)	2.63	ft	
3 Casing Volumes (0.489)	7.89	gals	
Total Volume Purged	8.25	gals	
Purge Technique Utilized (bailer, pump)			54.6
Well Yield	Low ☐ Medium ☐ High ☐		

Volume (gal)	Initial	2.75	5.50	8.25	1 sample				
Time (military)	1640	1643	1646	1649					
pH (su)	6.55	6.04	6.09	6.15					
Spec Conductivity (mS/cm)	0.158	0.190	0.190	0.188					
Water Temperature (°C)	21.9	21.7	21.7	21.7					
Turbidity (NTU)	7.7	142	151	146					
Dissolved Oxygen (mg/L)	2.00	1.51	1.29	1.43					

Well Condition Information

-overall condition acceptable?	yes
-well cap acceptable?	√
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	√
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services — CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4 /29 /2015
Field Personnel	JK
General Weather	Cloudy
Ambient Air Temperature	70

Monitoring Well Information

Well ID	07303 - MW17
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB

Well Diameter	2	in
Screened Interval	40-55	ft
Total Well Depth (nearest 0.1')	54.5	ft
Depth to Groundwater (nearest 0.01')	37.72	ft
Length of Water Column	16.78	ft
1 Casing Volume (0.163)	2.73	ft
3 Casing Volumes (0.489)	8.19	gals
Total Volume Purged	8.25	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'

54.5

Purge Technique Utilized (bailer, pump)

Well Yield Low ☐ Medium ☐ High ☐

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	0900	Last Verification √ (time)	1300

Volume (gal)	Initial	2.75	5.50	8.25	/	sample				
Time (military)	1618	1622	1626	1630						
pH (su)	7.07	6.88	6.92	6.95						
Spec Conductivity (mS/cm)	0.081	0.122	0.120	0.120						
Water Temperature (°C)	23.5	22.0	22.0	22.0						
Turbidity (NTU)	17.4	167	177	179						
Dissolved Oxygen (mg/L)	4.66	3.74	3.14	3.05						

Well Condition Information

-overall condition acceptable?	yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4 /29 /2015
Field Personnel	JK
General Weather	Cloudy
Ambient Air Temperature	70

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	0900	Last Verification √ (time)	1300

Monitoring Well Information

Well ID	07303 - MW18		
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'
Screened Interval	35-50	ft	
Total Well Depth (nearest 0.1')	50.0	ft	
Depth to Groundwater (nearest 0.01')	37.25	ft	
Length of Water Column	12.75	ft	
1 Casing Volume (0.163)	2.07	ft	
3 Casing Volumes (0.489)	6.21	gals	
Total Volume Purged	6.75	gals	
Purge Technique Utilized (bailer, pump)			50.0
Well Yield	Low ☐ Medium ☐ High ☐		

Volume (gal)	Initial	2.25	4.50	6.75	Sample				
Time (military)	1603	1606	1609	1612					
pH (su)	7.09	6.13	6.22	6.20					
Spec Conductivity (mS/cm)	0.081	0.125	0.126	0.125					
Water Temperature (°C)	22.6	21.9	21.9	21.9					
Turbidity (NTU)	19.7	193	211	206					
Dissolved Oxygen (mg/L)	6.92	2.14	2.54	3.03					

Well Condition Information

-overall condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services — CLIENTS FIRST ALWAYS

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1-800-325-0605

Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4 /29 /2015
Field Personnel	JK
General Weather	Cloudy
Ambient Air Temperature	70

Monitoring Well Information

Well ID	07303 - MW19
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB

Well Diameter	2	in
Screened Interval	38-53	ft
Total Well Depth (nearest 0.1')	52.4	ft
Depth to Groundwater (nearest 0.01')	37.35	ft
Length of Water Column	15.05	ft
1 Casing Volume (0.163)	2.45	ft
3 Casing Volumes (0.489)	7.35	gals
Total Volume Purged	7.5	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'

52.4

Purge Technique Utilized (bailer, pump)

Well Yield Low ☐ Medium ☐ High ☐

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	0900	Last Verification √ (time)	1700

Volume (gal)	Inv Field	2.5	5.0	7.5	Sample				
Time (military)	1723	1727	1730	1734					
pH (su)	5.78	6.13	6.15	6.10					
Spec Conductivity (mS/cm)	0.364	0.438	0.440	0.441					
Water Temperature (°C)	21.8	21.7	21.7	21.7					
Turbidity (NTU)	12.2	144	132	124					
Dissolved Oxygen (mg/L)	5.98	5.95	8.15	6.14					

Well Condition Information

-overall condition acceptable? yes
-well cap acceptable?
-manhole and cover acceptable?
-well pad acceptable?
-area safe?
-other comments

Additional Comments

MW19 DUP - 1736

Groundwater Sampling Log

TERRY Environmental Services — CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4 /29/2015
Field Personnel	JK
General Weather	Cloudy
Ambient Air Temperature	65

Monitoring Well Information

Well ID	07303 - MW20
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB

Well Diameter	2	in
Screened Interval	35-50	ft
Total Well Depth (nearest 0.1')	49.6	ft
Depth to Groundwater (nearest 0.01')	40.39	ft
Length of Water Column	9.21	ft
1 Casing Volume (0.163)	1.50	ft
3 Casing Volumes (0.489)	4.50	gals
Total Volume Purged	4.5	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'

49.6

Purge Technique Utilized (bailer, pump)

Well Yield — Low ☐ Medium ☐ High ☐

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	0900	Last Verification √ (time)	1700

Volume (gal)	Emitted	1.5	3.0	4.5	/ Sample				
Time (military)	1919	1922	1925	1928					
pH (su)	7.12	6.30	6.26	6.29					
Spec Conductivity (mS/cm)	0.219	0.328	0.330	0.330					
Water Temperature (°C)	21.2	20.4	20.4	20.4					
Turbidity (NTU)	79.7	269	281	258					
Dissolved Oxygen (mg/L)	2.60	2.99	2.63	1.75					

Well Condition Information

-overall condition acceptable? Yes
-well cap acceptable?
-manhole and cover acceptable?
-well pad acceptable?
-area safe?
-other comments

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services — CLIENTS FIRST ALWAYS

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Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4/29/2015
Field Personnel	JK
General Weather	Cloudy
Ambient Air Temperature	70

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	0900	Last Verification √ (time)	1300

Monitoring Well Information

Well ID	07303 - MW 21
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB

Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'
Screened Interval	40-55	ft	
Total Well Depth (nearest 0.1')	55.0	ft	
Depth to Groundwater (nearest 0.01')	48.36	ft	
Length of Water Column	6.64	ft	
1 Casing Volume (0.163)	1.08	ft	
3 Casing Volumes (0.489)	3.24	gals	
Total Volume Purged	3.75	gals	
Purge Technique Utilized (bailer, pump)			55.0
Well Yield	Low ☐	Medium ☐	High ☐

Volume (gal)	Purged	1.25	2.50	3.75
Time (military)	1448	1451	1454	1457
pH (su)	7.45	6.14	6.20	6.23
Spec Conductivity (mS/cm)	0.046	0.057	0.060	0.061
Water Temperature (°C)	21.1	21.6	21.6	21.6
Turbidity (NTU)	9.0	341	360	348
Dissolved Oxygen (mg/L)	5.08	4.79	5.57	4.20

Well Condition Information

-overall condition acceptable?	yes
-well cap acceptable?	↓
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services — CLIENTS FIRST ALWAYS

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Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4/27/2015
Field Personnel	JK
General Weather	Clear
Ambient Air Temperature	75

Monitoring Well Information

Well ID	07303 - MW22
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB

Well Diameter	2	in
Screened Interval	40-55	ft
Total Well Depth (nearest 0.1')	54.5	ft
Depth to Groundwater (nearest 0.01')	47.05	ft
Length of Water Column	7.45	ft
1 Casing Volume (0.163)	1.21	ft
3 Casing Volumes (0.489)	3.63	gals
Total Volume Purged	3.75	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1': 54.5

Purge Technique Utilized (~~bailer~~, pump)

Well Yield: Low ☐ Medium ☐ High ☐

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	1330	Last Verification √ (time)	—

	Initial	1.25	2.50	3.75	/ Sample				
Volume (gal)									
Time (military)	1554	1557	1559	1602					
pH (su)	9.75	7.01	6.97	6.93					
Spec Conductivity (mS/cm)	0.351	0.139	0.135	0.134					
Water Temperature (°C)	21.9	22.2	22.2	22.2					
Turbidity (NTU)	21.7	354	341	350					
Dissolved Oxygen (mg/L)	6.74	4.15	3.99	4.06					

Well Condition Information

-overall condition acceptable? yes
-well cap acceptable?
-manhole and cover acceptable?
-well pad acceptable?
-area safe?
-other comments

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

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Summerville, SC 29484
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Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4 / 29 /2015
Field Personnel	JK
General Weather	Cloudy
Ambient Air Temperature	70

Monitoring Well Information

Well ID	07303 - MW23
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB

Well Diameter	2	in
Screened Interval		ft
Total Well Depth (nearest 0.1')		ft
Depth to Groundwater (nearest 0.01')		ft
Length of Water Column		ft
1 Casing Volume (0.163)		ft
3 Casing Volumes (0.489)		gals
Total Volume Purged		gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'

Purge Technique Utilized (bailer, pump)

Well Yield Low ☐ Medium ☐ High ☐

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	0900	Last Verification √ (time)	—

Volume (gal)	Initial										
Time (military)											
pH (su)											
Spec Conductivity (mS/cm)											
Water Temperature (°C)											
Turbidity (NTU)											
Dissolved Oxygen (mg/L)											

NS

Well Condition Information

-overall condition acceptable? _____
-well cap acceptable? _____
-manhole and cover acceptable? _____
-well pad acceptable? _____
-area safe? _____
-other comments _____

Additional Comments

Located under cargo trailer not able to access.

Groundwater Sampling Log

TERRY Environmental Services
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1-800-325-0605

Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4/28/2015
Field Personnel	JK
General Weather	Clear
Ambient Air Temperature	70

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	1300	Last Verification √ (time)	1700

Monitoring Well Information

Well ID	07303 - MW24		
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'
Screened Interval	40-55	ft	
Total Well Depth (nearest 0.1')	54.8	ft	
Depth to Groundwater (nearest 0.01')	47.48	ft	
Length of Water Column	7.32	ft	
1 Casing Volume (0.163)	1.19	ft	
3 Casing Volumes (0.489)	3.57	gals	
Total Volume Purged	3.75	gals	
Purge Technique Utilized (bailer, pump)			54.8
Well Yield	Low ☐ Medium ☐ High ☐		

Volume (gal)	Initial	1.25	2.50	3.75	/ Sample				
Time (military)	1742	1745	1748	1751					
pH (su)	5.55	6.15	6.21	6.24					
Spec Conductivity (mS/cm)	0.102	0.202	0.199	0.197					
Water Temperature (°C)	21.6	22.2	22.2	22.2					
Turbidity (NTU)	21.7	99.6	104	101					
Dissolved Oxygen (mg/L)	1.69	2.49	1.88	1.80					

Well Condition Information

-overall condition acceptable?	yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services
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1-800-325-0605

Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4 /28 /2015
Field Personnel	JK
General Weather	Clear
Ambient Air Temperature	75

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	0900	Last Verification √ (time)	1700

Monitoring Well Information

Well ID	07303 - MW25		
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'
Screened Interval	39-54	ft	
Total Well Depth (nearest 0.1')	53.8	ft	
Depth to Groundwater (nearest 0.01')	45.14	ft	
Length of Water Column	8.66	ft	
1 Casing Volume (0.163)	1.41	ft	
3 Casing Volumes (0.489)	4.23	gals	
Total Volume Purged	4.5	gals	
Purge Technique Utilized (bailer, pump)			53.8
Well Yield	Low ☐ Medium ☐ High ☐		

Volume (gal)	Initial	1.5	3.0	4.5	/ Sample				
Time (military)	1701	1704	1707	1710					
pH (su)	6.36	6.08	6.11	6.15					
Spec Conductivity (mS/cm)	0.102	0.188	0.190	0.189					
Water Temperature (°C)	21.0	21.9	21.9	21.9					
Turbidity (NTU)	11.3	128	133	138					
Dissolved Oxygen (mg/L)	6.53	8.13	7.52	6.73					

Well Condition Information

-overall condition acceptable?	yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4 /29 /2015
Field Personnel	JK
General Weather	Cloudy
Ambient Air Temperature	65

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	0900	Last Verification √ (time)	—

Monitoring Well Information

Well ID	07303 - MW26		
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'
Screened Interval	37-52	ft	
Total Well Depth (nearest 0.1')	51.9	ft	
Depth to Groundwater (nearest 0.01')	42.70	ft	
Length of Water Column	9.20	ft	
1 Casing Volume (0.163)	1.49	ft	
3 Casing Volumes (0.489)	4.47	gals	
Total Volume Purged	4.5	gals	
Purge Technique Utilized (bailer, pump)			51.9
Well Yield	Low ☐ Medium ☐ High ☐		

Volume (gal)	Initial	1.5	3.0	4.5	/ sample				
Time (military)	1130	1133	1136	1139					
pH (su)	6.44	6.30	6.27	6.27					
Spec Conductivity (mS/cm)	0.390	0.366	0.367	0.369					
Water Temperature (°C)	18.7	19.0	19.0	19.0					
Turbidity (NTU)	7.0	154	166	151					
Dissolved Oxygen (mg/L)	8.77	3.57	3.77	4.02					

Well Condition Information

-overall condition acceptable?	JLS
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services — CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4 /29 /2015
Field Personnel	JK
General Weather	Cloudy
Ambient Air Temperature	60

Monitoring Well Information

Well ID	07303 - MW-7
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB

Well Diameter	2	in
Screened Interval	40-55	ft
Total Well Depth (nearest 0.1')	54.6	ft
Depth to Groundwater (nearest 0.01')	45.40	ft
Length of Water Column	8.90	ft
1 Casing Volume (0.163)	1.45	ft
3 Casing Volumes (0.489)	4.35	gals
Total Volume Purged	4.5	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'

54.6

Purge Technique Utilized (bailer, pump)

Well Yield — Low ☐ Medium ☐ High ☐

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	0900	Last Verification √ (time)	—

Volume (gal)	Initial	1.5	3.0	4.5	/	Sample			
Time (military)	1104	1107	1111	1114					
pH (su)	6.71	6.72	6.77	6.80					
Spec Conductivity (mS/cm)	0.240	0.256	0.259	0.261					
Water Temperature (°C)	18.6	18.9	18.9	18.9					
Turbidity (NTU)	132	215	209	197					
Dissolved Oxygen (mg/L)	2.41	3.53	3.17	2.88					

Well Condition Information

-overall condition acceptable? yes
-well cap acceptable?
-manhole and cover acceptable?
-well pad acceptable?
-area safe?
-other comments

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services
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P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4/29/2015
Field Personnel	JK
General Weather	Cloudy
Ambient Air Temperature	65

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	0900	Last Verification √(time)	—

Monitoring Well Information

Well ID	07303 - MW28		
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'
Screened Interval	40-55	ft	
Total Well Depth (nearest 0.1')	54.1	ft	
Depth to Groundwater (nearest 0.01')	46.74	ft	
Length of Water Column	7.37	ft	
1 Casing Volume (0.163)	1.20	ft	
3 Casing Volumes (0.489)	3.60	gals	
Total Volume Purged	3.75	gals	
Purge Technique Utilized (bailer, pump)			54.1
Well Yield	Low ☐ Medium ☐ High ☐		

Volume (gal)	Initial	1.25	2.50	3.75	/	sample				
Time (military)	0920	0923	0926	0929						
pH (su)	5.95	5.77	5.81	5.85						
Spec Conductivity (mS/cm)	0.145	0.135	0.133	0.132						
Water Temperature (°C)	18.1	18.5	18.5	18.5						
Turbidity (NTU)	14.6	125	131	137						
Dissolved Oxygen (mg/L)	8.50	2.09	2.45	2.48						

Well Condition Information

-overall condition acceptable?	yes
-well cap acceptable?	↓
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	↓
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4 /29/2015
Field Personnel	JK
General Weather	Cloudy
Ambient Air Temperature	70

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	0900	Last Verification √ (time)	1300

Monitoring Well Information

Well ID	07303 - MW29		
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'
Screened Interval	40-55	ft	
Total Well Depth (nearest 0.1')	54.7	ft	
Depth to Groundwater (nearest 0.01')	45.26	ft	
Length of Water Column	9.44	ft	
1 Casing Volume (0.163)	1.54	ft	
3 Casing Volumes (0.489)	4.62	gals	
Total Volume Purged	5.25	gals	
Purge Technique Utilized (bailer, pump)			54.7
Well Yield	Low ☐ Medium ☐ High ☐		

Volume (gal)	Initial	1.75	3.50	5.25	/ Sample					
Time (military)	1505	1508	1511	1514						
pH (su)	6.48	6.38	6.32	6.30						
Spec Conductivity (mS/cm)	0.202	0.258	0.255	0.255						
Water Temperature (°C)	21.5	20.9	20.9	20.9						
Turbidity (NTU)	4.2	116	122	128						
Dissolved Oxygen (mg/L)	4.18	4.38	3.61	3.42						

Well Condition Information

-overall condition acceptable?	yes
-well cap acceptable?	↓
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services — CLIENTS FIRST ALWAYS

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Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4 /29 /2015
Field Personnel	JK
General Weather	Cloudy
Ambient Air Temperature	70

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	0900	Last Verification √ (time)	1300

Monitoring Well Information

Well ID	07303 - MW30	
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB	
Well Diameter	2	in
Screened Interval	45-60	ft
Total Well Depth (nearest 0.1')	59.5	ft
Depth to Groundwater (nearest 0.01')	38.33	ft
Length of Water Column	21.17	ft
1 Casing Volume (0.163)	3.45	ft
3 Casing Volumes (0.489)	10.35	gals
Total Volume Purged	14	gals
Purge Technique Utilized (bailer, pump)	B	
Well Yield	Low ☐ Medium ☒ High ☐	

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'

59.5

Volume (gal)	Initial	3.5	7.0	10.5	14.0	Sample				
Time (military)	1517	1520	1523	1526	1529					
pH (su)	6.17	6.17	6.22	6.24	6.27					
Spec Conductivity (mS/cm)	0.151	0.151	0.150	0.150	0.148					
Water Temperature (°C)	21.8	20.6	20.6	20.6	20.6					
Turbidity (NTU)	2.7	359	417	452	426					
Dissolved Oxygen (mg/L)	6.31	2.75	3.16	3.87	3.49					

Well Condition Information

-overall condition acceptable?	yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services — CLIENTS FIRST ALWAYS

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Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4 / 28/2015
Field Personnel	JK
General Weather	Clear
Ambient Air Temperature	70

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	0900	Last Verification √ (time)	—

Monitoring Well Information

Well ID	07303 - MW3I		
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'
Screened Interval	26-41	ft	
Total Well Depth (nearest 0.1')	40.8	ft	
Depth to Groundwater (nearest 0.01')	31.66	ft	
Length of Water Column	9.14	ft	
1 Casing Volume (0.163)	1.49	ft	
3 Casing Volumes (0.489)	4.47	gals	
Total Volume Purged	4.5	gals	
Purge Technique Utilized (bailer, pump)			40.8
Well Yield	Low ☐ Medium ☐ High ☐		

Volume (gal)	Initial	1.5	3.0	4.5	Sample					
Time (military)	1117	1120	1123	1126						
pH (su)	5.99	6.15	6.17	6.21						
Spec Conductivity (mS/cm)	0.067	0.111	0.111	0.112						
Water Temperature (°C)	21.6	20.9	20.9	20.9						
Turbidity (NTU)	7.5	110	107	114						
Dissolved Oxygen (mg/L)	5.66	2.99	3.34	3.21						

Well Condition Information

-overall condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services — CLIENTS FIRST ALWAYS

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Summerville, SC 29484
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Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4 /28/2015
Field Personnel	JK
General Weather	Clear
Ambient Air Temperature	70

Monitoring Well Information

Well ID	07303 - MW32
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB

Well Diameter	2	in
Screened Interval	30-45	ft
Total Well Depth (nearest 0.1')	44.6	ft
Depth to Groundwater (nearest 0.01')	33.53	ft
Length of Water Column	11.07	ft
1 Casing Volume (0.163)	1.80	ft
3 Casing Volumes (0.489)	5.40	gals
Total Volume Purged	6	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'

44.6

Purge Technique Utilized (bailer, pump)

Well Yield — Low ☐ Medium ☐ High ☐

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	0900	Last Verification √ (time)	—

Volume (gal)	Initial	2.0	4.0	6.0	/	sample				
Time (military)	1055	1058	1101	1104						
pH (su)	6.16	5.87	5.92	5.93						
Spec Conductivity (mS/cm)	0.080	0.107	0.106	0.104						
Water Temperature (°C)	21.3	21.7	21.7	21.7						
Turbidity (NTU)	12.9	141	152	146						
Dissolved Oxygen (mg/L)	6.59	4.10	4.44	4.81						

Well Condition Information

-overall condition acceptable?	yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services — CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
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Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4/28/2015
Field Personnel	JK
General Weather	Clear
Ambient Air Temperature	70

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	0900	Last Verification √ (time)	—

Monitoring Well Information

Well ID	07303 - MW-33		
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'
Screened Interval	29-44	ft	
Total Well Depth (nearest 0.1')	43.8	ft	
Depth to Groundwater (nearest 0.01')	35.36	ft	
Length of Water Column	8.44	ft	
1 Casing Volume (0.163)	1.38	ft	
3 Casing Volumes (0.489)	4.14	gals	
Total Volume Purged	4.5	gals	
Purge Technique Utilized (bailer, pump)			43.8
Well Yield	Low ☐ Medium ☐ High ☐		

Volume (gal)	Initial	1.5	3.0	4.5	/sample				
Time (military)	1036	1039	1042	1045					
pH (su)	6.20	5.88	5.85	5.90					
Spec Conductivity (mS/cm)	0.132	0.143	0.140	0.140					
Water Temperature (°C)	20.7	21.2	21.2	21.2					
Turbidity (NTU)	21.9	334	341	352					
Dissolved Oxygen (mg/L)	7.05	5.60	4.65	4.20					

Well Condition Information

-overall condition acceptable?	yes
-well cap acceptable?	↓
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services
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Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4 /28 /2015
Field Personnel	JK
General Weather	Clear
Ambient Air Temperature	70

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	0900	Last Verification √ (time)	—

Monitoring Well Information

Well ID	07303 - MW34	
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB	
Well Diameter	2	in
Screened Interval	30-45	ft
Total Well Depth (nearest 0.1')	44.7	ft
Depth to Groundwater (nearest 0.01')	38.40	ft
Length of Water Column	6.30	ft
1 Casing Volume (0.163)	1.03	ft
3 Casing Volumes (0.489)	3.09	gals
Total Volume Purged	3.75	gals
Purge Technique Utilized (bailer, pump)		
Well Yield	Low ☐ Medium ☐ High ☐	

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'

44.7

Volume (gal)	Initial	1.25	2.50	3.75	/	sample			
Time (military)	0933	0936	0939	0942					
pH (su)	6.38	5.69	5.72	5.75					
Spec Conductivity (mS/cm)	0.058	0.064	0.065	0.066					
Water Temperature (°C)	20.6	21.2	21.2	21.2					
Turbidity (NTU)	48.7	259	241	248					
Dissolved Oxygen (mg/L)	6.48	5.42	4.24	4.55					

Well Condition Information

-overall condition acceptable?	yes
-well cap acceptable?	↓
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

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1-800-325-0605

Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4 / 28 /2015
Field Personnel	JK
General Weather	Clear
Ambient Air Temperature	65

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	0900	Last Verification √ (time)	—

Monitoring Well Information

Well ID	07303 - MW35
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB

Well Diameter	2	in
Screened Interval	31-46	ft
Total Well Depth (nearest 0.1')	45.8	ft
Depth to Groundwater (nearest 0.01')	39.30	ft
Length of Water Column	6.50	ft
1 Casing Volume (0.163)	1.06	ft
3 Casing Volumes (0.489)	3.18	gals
Total Volume Purged	3.75	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'

45.8

Purge Technique Utilized (bailer, pump)

Well Yield Low ☐ Medium ☐ High ☐

Volume (gal)	Initial	1.25	2.50	3.75	/ Sample					
Time (military)	0912	0915	0918	0921						
pH (su)	7.13	5.97	5.92	5.90						
Spec Conductivity (mS/cm)	0.046	0.050	0.048	0.047						
Water Temperature (°C)	19.4	20.9	20.9	20.9						
Turbidity (NTU)	84.1	550	522	511						
Dissolved Oxygen (mg/L)	10.28	5.07	5.04	5.78						

Well Condition Information

-overall condition acceptable? yes
-well cap acceptable? ↓
-manhole and cover acceptable?
-well pad acceptable?
-area safe? ↓
-other comments

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services
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Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4 /17 /2015
Field Personnel	JK
General Weather	Clear
Ambient Air Temperature	70

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	1330	Last Verification √ (time)	—

Monitoring Well Information

Well ID	07303 - MW 36		
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'
Screened Interval	31-46	ft	
Total Well Depth (nearest 0.1')	46.0	ft	
Depth to Groundwater (nearest 0.01')	39.32	ft	
Length of Water Column	6.68	ft	
1 Casing Volume (0.163)	1.09	ft	
3 Casing Volumes (0.489)	3.27	gals	
Total Volume Purged	3.75	gals	
Purge Technique Utilized (bailer, pump)	B		46.0
Well Yield	Low ☐ Medium ☐ High ☐		

Volume (gal)	Initial	1.25	2.50	3.75	/	Sample			
Time (military)	1718	1721	1724	1727					
pH (su)	8.76	6.68	6.75	6.77					
Spec Conductivity (mS/cm)	0.153	0.072	0.075	0.077					
Water Temperature (°C)	23.3	21.6	21.6	21.6					
Turbidity (NTU)	25.7	345	335	351					
Dissolved Oxygen (mg/L)	6.80	6.69	6.44	6.16					

Well Condition Information

-overall condition acceptable?	Yes
-well cap acceptable?	↓
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services — CLIENTS FIRST ALWAYS

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Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4/27/2015
Field Personnel	JK
General Weather	Clear
Ambient Air Temperature	70

Monitoring Well Information

Well ID	07303 - MW37	
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB	
Well Diameter	2	in
Screened Interval	29-44	ft
Total Well Depth (nearest 0.1')	44.2	ft
Depth to Groundwater (nearest 0.01')	34.72	ft
Length of Water Column	9.48	ft
1 Casing Volume (0.163)	1.55	ft
3 Casing Volumes (0.489)	4.65	gals
Total Volume Purged		gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'

44.2

Purge Technique Utilized (bailer, pump)

Well Yield — Low ☐ Medium ☐ High ☐

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	1330	Last Verification √ (time)	1730

Volume (gal)	Initial	1.75	3.50	5.25	/	Sample			
Time (military)	1811	1814	1817	1821					
pH (su)	5.68	5.41	5.38	5.35					
Spec Conductivity (mS/cm)	0.068	0.061	0.061	0.063					
Water Temperature (°C)	21.1	20.6	20.6	20.6					
Turbidity (NTU)	65.1	458	511	476					
Dissolved Oxygen (mg/L)	5.65	5.22	5.96	5.99					

Well Condition Information

-overall condition acceptable?	yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services — CLIENTS FIRST ALWAYS

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Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4 /27/2015
Field Personnel	JK
General Weather	Clear
Ambient Air Temperature	70

Monitoring Well Information

Well ID	07303 - MW 38
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB

Well Diameter	2	in
Screened Interval	32-47	ft
Total Well Depth (nearest 0.1')	46.7	ft
Depth to Groundwater (nearest 0.01')	33.41	ft
Length of Water Column	13.29	ft
1 Casing Volume (0.163)	2.16	ft
3 Casing Volumes (0.489)	6.48	gals
Total Volume Purged	6.75	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'

46.7

Purge Technique Utilized (bailer, pump)

Well Yield Low ☐ Medium ☐ High ☐

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	1330	Last Verification √ (time)	1730

	Initial	2.25	4.50	6.75
Volume (gal)	1742	1745	1749	1753
Time (military)	6.36	5.55	5.58	5.52
pH (su)	0.084	0.090	0.088	0.087
Spec Conductivity (mS/cm)	22.5	21.6	21.6	21.6
Water Temperature (°C)	58.5	274	268	259
Turbidity (NTU)	6.70	6.36	6.21	7.35
Dissolved Oxygen (mg/L)				

Sample

Well Condition Information

-overall condition acceptable? yes
-well cap acceptable?
-manhole and cover acceptable?
-well pad acceptable?
-area safe?
-other comments

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4 / 28/2015
Field Personnel	JK
General Weather	clear
Ambient Air Temperature	75

Monitoring Well Information

Well ID	07303 - MW39
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB

Well Diameter	2	in
Screened Interval	42-52	ft
Total Well Depth (nearest 0.1')	55.1	ft
Depth to Groundwater (nearest 0.01')	46.94	ft
Length of Water Column	8.16	ft
1 Casing Volume (0.163)	1.33	ft
3 Casing Volumes (0.489)	3.99	gals
Total Volume Purged	4.5	gals
Purge Technique Utilized (bailer, pump)	(P)	
Well Yield	Low ☐ Medium ☐ High ☐	

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'

55.1

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	0900	Last Verification √ (time)	1700

Volume (gal)	Initial	1.5	3.0	4.5
Time (military)	1718	1721	1724	1727
pH (su)	6.64	6.03	6.08	6.07
Spec Conductivity (mS/cm)	0.106	0.103	0.106	0.107
Water Temperature (°C)	21.7	21.4	21.4	21.4
Turbidity (NTU)	31.7	446	429	421
Dissolved Oxygen (mg/L)	6.36	4.24	6.33	5.49

/sample

Well Condition Information

-overall condition acceptable?	yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Stick-up well

Groundwater Sampling Log

TERRY Environmental Services — CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4 / 24 /2015
Field Personnel	JK
General Weather	Clear
Ambient Air Temperature	70

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	0900	Last Verification √ (time)	—

Monitoring Well Information

Well ID	07303 - MW4D	
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB	
Well Diameter	2	in
Screened Interval	6 - 16	ft
Total Well Depth (nearest 0.1')	15.7	ft
Depth to Groundwater (nearest 0.01')	13.72	ft
Length of Water Column	1.98	ft
1 Casing Volume (0.163)	0.32	ft
3 Casing Volumes (0.489)	0.96	gals
Total Volume Purged	1.5	gals
Purge Technique Utilized (bailer, pump)		
Well Yield	Low ☐ Medium ☐ High ☐	

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'

15.7

Volume (gal)	Initial	0.5	1.0	1.5	Sample
Time (military)	1148	1151	1153	1155	
pH (su)	6.61	6.04	6.06	6.09	
Spec Conductivity (mS/cm)	0.039	0.045	0.044	0.042	
Water Temperature (°C)	21.4	20.6	20.8	20.8	
Turbidity (NTU)	11.2	78.5	77.2	74.4	
Dissolved Oxygen (mg/L)	7.18	5.39	4.79	4.12	

Well Condition Information

-overall condition acceptable? JKS
-well cap acceptable?
-manhole and cover acceptable?
-well pad acceptable?
-area safe?
-other comments

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4 /28/2015
Field Personnel	JK
General Weather	clear
Ambient Air Temperature	75

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	0900	Last Verification √(time)	1300

Monitoring Well Information

Well ID	07303 - MW4		
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'
Screened Interval	42-52	ft	
Total Well Depth (nearest 0.1')	51.9	ft	
Depth to Groundwater (nearest 0.01')	45.71	ft	
Length of Water Column	6.19	ft	
1 Casing Volume (0.163)	1.00	ft	
3 Casing Volumes (0.489)	3.00	gals	
Total Volume Purged	3	gals	
Purge Technique Utilized (bailer, pump)			51.9
Well Yield	Low ☐ Medium ☐ High ☐		

Volume (gal)	Initial	1.0	2.0	3.0	Sample					
Time (military)	1604	1607	1610	1613						
pH (su)	6.00	6.33	6.31	6.27						
Spec Conductivity (mS/cm)	0.085	0.140	0.139	0.137						
Water Temperature (°C)	21.7	20.6	20.6	20.6						
Turbidity (NTU)	6.8	256	250	265						
Dissolved Oxygen (mg/L)	4.99	3.44	3.90	3.72						

Well Condition Information

-overall condition acceptable?	yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services — CLIENTS FIRST ALWAYS

P.O. Box 25
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Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4 /28 /2015
Field Personnel	JF
General Weather	Clear
Ambient Air Temperature	70

Monitoring Well Information

Well ID	07303 - MW42
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB

Well Diameter	2	in
Screened Interval	2-9	ft
Total Well Depth (nearest 0.1')	11.9	ft
Depth to Groundwater (nearest 0.01')	7.97	ft
Length of Water Column	3.93	ft
1 Casing Volume (0.163)	0.64	ft
3 Casing Volumes (0.489)	1.92	gals
Total Volume Purged	2.25	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1': 11.9

Purge Technique Utilized (bailer, pump)

Well Yield: Low ☐ Medium ☐ High ☐

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	0900	Last Verification √ (time)	—

Volume (gal)	Initial	0.75	1.50	2.25	/ sample
Time (military)	1225	1227	1229	1231	
pH (su)	5.63	5.46	5.50	5.55	
Spec Conductivity (mS/cm)	0.064	0.061	0.061	0.063	
Water Temperature (°C)	21.1	21.6	21.6	21.6	
Turbidity (NTU)	17.9	82.9	81.6	78.4	
Dissolved Oxygen (mg/L)	2.92	2.93	2.40	2.11	

Well Condition Information

-overall condition acceptable?	yes
-well cap acceptable?	↓
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Stick-up

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
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1-800-325-0605

Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4 / 28 /2015
Field Personnel	JK
General Weather	Clear
Ambient Air Temperature	70

Monitoring Well Information

Well ID	07303 - MW43
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB

Well Diameter		in
Screened Interval		ft
Total Well Depth (nearest 0.1')		ft
Depth to Groundwater (nearest 0.01')		ft
Length of Water Column		ft
1 Casing Volume (0.163)		ft
3 Casing Volumes (0.489)		gals
Total Volume Purged		gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'

Purge Technique Utilized (bailer, pump)

Well Yield Low ☐ Medium ☐ High ☐

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	0900	Last Verification √ (time)	—

Volume (gal)	Initial			
Time (military)				
pH (su)			CNF	
Spec Conductivity (mS/cm)				
Water Temperature (°C)				
Turbidity (NTU)				
Dissolved Oxygen (mg/L)				

Well Condition Information

-overall condition acceptable?
-well cap acceptable?
-manhole and cover acceptable?
-well pad acceptable?
-area safe?
-other comments

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services — CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4 / 28 /2015
Field Personnel	JK
General Weather	clear
Ambient Air Temperature	75

Monitoring Well Information

Well ID	07303 - MW44	
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB	
Well Diameter	2	in
Screened Interval	42-52	ft
Total Well Depth (nearest 0.1')	~~46.87~~ 52.0	ft
Depth to Groundwater (nearest 0.01')	46.87	ft
Length of Water Column	5.13	ft
1 Casing Volume (0.163)	0.84	ft
3 Casing Volumes (0.489)	2.52	gals
Total Volume Purged	3	gals
Purge Technique Utilized (bailer, pump)		
Well Yield	Low ☐ Medium ☐ High ☐	

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'

52.0

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	0900	Last Verification √ (time)	1300

Volume (gal)	Initial	1.0	2.0	3.0	Sample					
Time (military)	1534	1537	1540	1543						
pH (su)	5.71	5.99	6.02	6.06						
Spec Conductivity (mS/cm)	0.045	0.059	0.061	0.058						
Water Temperature (°C)	22.3	21.8	21.8	21.8						
Turbidity (NTU)	18.9	122	117	114						
Dissolved Oxygen (mg/L)	5.76	5.71	4.62	4.57						

Well Condition Information

-overall condition acceptable?	yes
-well cap acceptable?	↓
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services
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Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4 /28 /2015
Field Personnel	JK
General Weather	Clear
Ambient Air Temperature	70

Monitoring Well Information

Well ID	07303 - MW45
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB

Well Diameter		in
Screened Interval		ft
Total Well Depth (nearest 0.1')		ft
Depth to Groundwater (nearest 0.01')		ft
Length of Water Column		ft
1 Casing Volume (0.163)		ft
3 Casing Volumes (0.489)		gals
Total Volume Purged		gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'

Purge Technique Utilized (bailer, pump)

Well Yield Low ☐ Medium ☐ High ☐

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	0900	Last Verification √ (time)	—

Volume (gal)											
Time (military)											
pH (su)			CNF								
Spec Conductivity (mS/cm)											
Water Temperature (°C)											
Turbidity (NTU)											
Dissolved Oxygen (mg/L)											

Well Condition Information

-overall condition acceptable? _____
-well cap acceptable? _____
-manhole and cover acceptable? _____
-well pad acceptable? _____
-area safe? _____
-other comments _____

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4 / 28 /2015
Field Personnel	JK
General Weather	Clear
Ambient Air Temperature	75

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	0900	Last Verification √ (time)	1300

Monitoring Well Information

Well ID	07303 - MW46		
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'
Screened Interval	40 - 50	ft	
Total Well Depth (nearest 0.1')	49.9	ft	
Depth to Groundwater (nearest 0.01')	44.82	ft	
Length of Water Column	5.08	ft	
1 Casing Volume (0.163)	0.83	ft	
3 Casing Volumes (0.489)	2.49	gals	
Total Volume Purged	3	gals	
Purge Technique Utilized (bailer, pump)			49.9
Well Yield	Low ☐ Medium ☐ High ☐		

	Initial	1.0	2.0	3.0	/ Sample
Volume (gal)					
Time (military)	1456	1459	1502	1505	
pH (su)	6.64	5.64	5.69	5.73	
Spec Conductivity (mS/cm)	0.032	0.034	0.035	0.036	
Water Temperature (°C)	22.6	21.6	21.6	21.6	
Turbidity (NTU)	17.7	567	544	512	
Dissolved Oxygen (mg/L)	6.42	7.01	6.88	5.80	

Well Condition Information

-overall condition acceptable? Yes
-well cap acceptable?
-manhole and cover acceptable?
-well pad acceptable?
-area safe?
-other comments

Additional Comments

MW46 DUP @ 1507

Groundwater Sampling Log

TERRY Environmental Services — CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4 /28/2015
Field Personnel	AK
General Weather	Clear
Ambient Air Temperature	70

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	0900	Last Verification √ (time)	—

Monitoring Well Information

Well ID	07303 - MW47	
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB	
Well Diameter		in
Screened Interval		ft
Total Well Depth (nearest 0.1')		ft
Depth to Groundwater (nearest 0.01')		ft
Length of Water Column		ft
1 Casing Volume (0.163)		ft
3 Casing Volumes (0.489)		gals
Total Volume Purged		gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'

Purge Technique Utilized (bailer, pump)

Well Yield Low ☐ Medium ☐ High ☐

Volume (gal)										
Time (military)										
pH (su)			CNF							
Spec Conductivity (mS/cm)										
Water Temperature (°C)										
Turbidity (NTU)										
Dissolved Oxygen (mg/L)										

Well Condition Information

-overall condition acceptable? _____
-well cap acceptable? _____
-manhole and cover acceptable? _____
-well pad acceptable? _____
-area safe? _____
-other comments

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4 / 28/2015
Field Personnel	JK
General Weather	clear
Ambient Air Temperature	70

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	0900	Last Verification √ (time)	—

Monitoring Well Information

Well ID	07303 - MW48	
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB	
Well Diameter		in
Screened Interval		ft
Total Well Depth (nearest 0.1')		ft
Depth to Groundwater (nearest 0.01')		ft
Length of Water Column		ft
1 Casing Volume (0.163)		ft
3 Casing Volumes (0.489)		gals
Total Volume Purged		gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'

Purge Technique Utilized (bailer, pump)

Well Yield Low ☐ Medium ☐ High ☐

Volume (gal)										
Time (military)										
pH (su)										
Spec Conductivity (mS/cm)										
Water Temperature (°C)										
Turbidity (NTU)										
Dissolved Oxygen (mg/L)										

CNF

Well Condition Information

-overall condition acceptable?
-well cap acceptable?
-manhole and cover acceptable?
-well pad acceptable?
-area safe?
-other comments

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services — CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4 /30 /2015
Field Personnel	JK
General Weather	Clear
Ambient Air Temperature	80

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	1100	Last Verification √ (time)	—

Monitoring Well Information

Well ID	07303 - MW1		
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'
Screened Interval	75-80	ft	
Total Well Depth (nearest 0.1')	79.7	ft	
Depth to Groundwater (nearest 0.01')	45.26	ft	
Length of Water Column	34.44	ft	
1 Casing Volume (0.163)	5.61	ft	
3 Casing Volumes (0.489)	16.83	gals	
Total Volume Purged	18	gals	
Purge Technique Utilized (bailer, pump)	(P)		79.7
Well Yield	Low ☐ Medium ☒ High ☐		

	Initial	3.0	6.0	9.0	12.0	15.0	18.0	/ sample
Volume (gal)								
Time (military)	1141	1143	1146	1149	1152	1155	1158	
pH (su)	8.87	8.95	8.50	7.02	6.70	6.66	6.61	
Spec Conductivity (mS/cm)	0.363	0.302	0.271	0.265	0.249	0.246	0.244	
Water Temperature (°C)	21.4	21.6	20.8	20.9	21.1	21.1	21.1	
Turbidity (NTU)	238	338	134	56.4	23.6	22.4	21.9	
Dissolved Oxygen (mg/L)	2.74	3.19	2.93	4.94	7.96	5.21	6.33	

Well Condition Information

-overall condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services — CLIENTS FIRST ALWAYS

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Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4/30/2015
Field Personnel	JK
General Weather	Clear
Ambient Air Temperature	80

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	1100	Last Verification √(time)	—

Monitoring Well Information

Well ID	07303 - DW2		
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB		
Well Diameter	2	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'
Screened Interval	75-80	ft	
Total Well Depth (nearest 0.1')	79.5	ft	
Depth to Groundwater (nearest 0.01')	41.56	ft	
Length of Water Column	37.94	ft	
1 Casing Volume (0.163)	6.18	ft	
3 Casing Volumes (0.489)	18.54	gals	
Total Volume Purged	19.5	gals	
Purge Technique Utilized (bailer, pump)			79.5
Well Yield	Low ☐ Medium ☒ High ☐		

Volume (gal)	Initial	3.25	6.50	9.75	13.00	16.25	19.50	/ Sample		
Time (military)	1239	1242	1245	1248	1251	1254	1257			
pH (su)	10.56	11.02	9.83	8.82	8.04	8.63	8.60			
Spec Conductivity (mS/cm)	0.485	0.402	0.373	0.375	0.373	0.374	0.375			
Water Temperature (°C)	22.8	22.4	22.0	22.1	22.8	21.8	21.8			
Turbidity (NTU)	188	90.3	28.4	17.6	9.9	6.4	3.2			
Dissolved Oxygen (mg/L)	2.91	3.09	2.60	2.98	3.63	2.84	3.12			

Well Condition Information

-overall condition acceptable? yes
-well cap acceptable?
-manhole and cover acceptable?
-well pad acceptable?
-area safe?
-other comments

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services — CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4 / 30 /2015
Field Personnel	JK
General Weather	Clear
Ambient Air Temperature	75

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	1100	Last Verification √(time)	—

Monitoring Well Information

Well ID	07303 - DW 3	
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB	
Well Diameter	2	in
Screened Interval	75-80	ft
Total Well Depth (nearest 0.1')	79.4	ft
Depth to Groundwater (nearest 0.01')	39.45	ft
Length of Water Column	39.95	ft
1 Casing Volume (0.163)	6.51	ft
3 Casing Volumes (0.489)	19.53	gals
Total Volume Purged	21	gals
Purge Technique Utilized (bailer, pump)		
Well Yield	Low ☐ Medium ☒ High ☐	

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'

79.4

Volume (gal)	Initial	3.5	7.0	10.5	14.0	17.5	21.0	Sample		
Time (military)	1417	1419	1421	1423	1425	1427	1429			
pH (su)	11.55	10.21	9.14	8.23	8.06	8.01	7.98			
Spec Conductivity (mS/cm)	1.44	0.762	0.349	0.300	0.283	0.277	0.275			
Water Temperature (°C)	23.8	22.9	22.7	22.7	22.7	22.7	22.7			
Turbidity (NTU)	102	54.3	25.3	16.2	13.0	10.8	9.0			
Dissolved Oxygen (mg/L)	3.25	3.28	2.58	2.64	3.22	2.81	2.91			

Well Condition Information

-overall condition acceptable? YES
-well cap acceptable? ↓
-manhole and cover acceptable? ↓
-well pad acceptable? ↓
-area safe? ↓
-other comments ↓

Additional Comments

DW3 DUP @ 1431

Groundwater Sampling Log

TERRY Environmental Services — CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4 /27 /2015
Field Personnel	JK
General Weather	Clear
Ambient Air Temperature	75

Monitoring Well Information

Well ID	07303 - BW5
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB

Well Diameter	2	in
Screened Interval	75-80	ft
Total Well Depth (nearest 0.1')	79.8	ft
Depth to Groundwater (nearest 0.01')	55.76	ft
Length of Water Column	24.04	ft
1 Casing Volume (0.163)	3.91	ft
3 Casing Volumes (0.489)	11.73	gals
Total Volume Purged		gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'

79.8

Purge Technique Utilized (bailer, pump)

Well Yield — Low ☒ Medium ☐ High ☐

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	1330	Last Verification √ (time)	—

Volume (gal)	Initial	2.0	4.0						
Time (military)	1550	1552	1556						
pH (su)	12.07	12.21	12.09						
Spec Conductivity (mS/cm)	5.82	5.99	5.46						
Water Temperature (°C)	23.4	23.6	23.8						
Turbidity (NTU)	128	148	115						
Dissolved Oxygen (mg/L)	3.30	4.05	2.70						

Purged Dry Sample collected

Well Condition Information

-overall condition acceptable? Yes
-well cap acceptable?
-manhole and cover acceptable?
-well pad acceptable?
-area safe?
-other comments

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services — CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4/30/2015
Field Personnel	JK
General Weather	clear
Ambient Air Temperature	75

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	1100	Last Verification √ (time)	—

Monitoring Well Information

Well ID	07303 - DW6
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB

Well Diameter	2	in
Screened Interval	115-130	ft
Total Well Depth (nearest 0.1')	~~129.40~~ 129.2	ft
Depth to Groundwater (nearest 0.01')	49.80	ft
Length of Water Column	~~79.40~~ 69.40	ft
1 Casing Volume (0.163)	~~12.94~~ 11.3	ft
3 Casing Volumes (0.489)	~~38.82~~ 33.92	gals
Total Volume Purged	~~39~~ 36	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'

Purge Technique Utilized (bailer, pump) — (pump)

Well Yield — Low ☐ Medium ☐ High ☐

119.2

	Initial	6.0	12.0	18.0	24.0	30.0	36.0	Sample
Volume (gal)								
Time (military)	1135	1139	1142	1146	1150	1153	1157	
pH (su)	10.03	10.06	10.09	9.80	9.57	9.55	9.50	
Spec Conductivity (mS/cm)	0.599	0.550	0.537	0.502	0.484	0.480	0.476	
Water Temperature (°C)	20.6	21.5	21.2	20.9	20.8	20.8	20.8	
Turbidity (NTU)	83.6	256	283	117	90.2	85.6	82.9	
Dissolved Oxygen (mg/L)	10.06	4.08	2.62	3.18	2.99	3.49	3.11	

Well Condition Information

-overall condition acceptable?	yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services — CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4/30/2015
Field Personnel	JK
General Weather	Clear
Ambient Air Temperature	80

Monitoring Well Information

Well ID	07303 - DW7
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB

Well Diameter	2	in
Screened Interval	115-120	ft
Total Well Depth (nearest 0.1')	119.2	ft
Depth to Groundwater (nearest 0.01')	43.77	ft
Length of Water Column	75.53	ft
1 Casing Volume (0.163)	12.31	ft
3 Casing Volumes (0.489)	36.93	gals
Total Volume Purged	37.5	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'

119.2

Purge Technique Utilized (bailer, pump)

Well Yield — Low ☐ Medium ☒ High ☐

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	1600	Last Verification √(time)	—

Volume (gal)	Initial	6.25	12.5	18.75	25.0	31.25	37.5			
Time (military)	1225	1229	1234	1238	1242	1246	1250			
pH (su)	11.94	12.02	11.95	11.88	11.80	11.76	11.78			
Spec Conductivity (mS/cm)	3.26	3.11	3.09	3.08	3.07	3.06	3.06			
Water Temperature (°C)	22.9	23.8	23.6	23.6	23.2	23.2	23.2			
Turbidity (NTU)	66.4	128	39.9	24.2	10.9	9.9	9.4			
Dissolved Oxygen (mg/L)	5.71	2.66	2.20	2.56	2.28	2.86	1.92			

Well Condition Information

-overall condition acceptable?	yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services — CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4/27/2015
Field Personnel	JK
General Weather	Clear
Ambient Air Temperature	70

Monitoring Well Information

Well ID	07303 - DW9
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB

Well Diameter	2	in
Screened Interval	75-80	ft
Total Well Depth (nearest 0.1')	79.7	ft
Depth to Groundwater (nearest 0.01')	36.14	ft
Length of Water Column	43.56	ft
1 Casing Volume (0.163)	7.10	ft
3 Casing Volumes (0.489)	21.30	gals
Total Volume Purged	24	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'

79.7

Purge Technique Utilized (bailer, pump)

Well Yield Low ☐ Medium ☒ High ☐

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	1330	Last Verification √ (time)	1730

Volume (gal)	Initial	4	8	12	16	20	24	/ sample		
Time (military)	1824	1827	1830	1833	1836	1839	1842			
pH (su)	6.93	6.78	6.64	6.50	6.45	6.41	6.37			
Spec Conductivity (mS/cm)	0.183	0.152	0.149	0.146	0.144	0.142	0.141			
Water Temperature (°C)	20.3	19.9	19.8	19.8	19.8	19.8	19.8			
Turbidity (NTU)	75.9	148	24.6	8.3	7.6	5.4	5.1			
Dissolved Oxygen (mg/L)	3.90	4.28	5.90	4.35	4.29	3.79	4.11			

Well Condition Information

-overall condition acceptable? yes
-well cap acceptable?
-manhole and cover acceptable?
-well pad acceptable?
-area safe?
-other comments

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services — CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4/27/2015
Field Personnel	JK
General Weather	Clear
Ambient Air Temperature	70

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	1330	Last Verification √ (time)	1730

Monitoring Well Information

Well ID	07303 - DW10	
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB	
Well Diameter	2	in
Screened Interval	115-120	ft
Total Well Depth (nearest 0.1')	119.5	ft
Depth to Groundwater (nearest 0.01')	39.28	ft
Length of Water Column	80.22	ft
1 Casing Volume (0.163)	13.07	ft
3 Casing Volumes (0.489)	39.21	gals
Total Volume Purged	42	gals
Purge Technique Utilized (bailer, pump)		
Well Yield	Low ☐ Medium ☒ High ☐	

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'

119.5

Volume (gal)	Initial	7	14	21	28	35	42	/ Sample	
Time (military)	1847	1851	1855	1859	1903	1907	1911		
pH (su)	11.79	11.85	11.86	11.90	11.80	11.86	11.85		
Spec Conductivity (mS/cm)	0.188	2.05	2.11	2.05	2.01	2.01	2.00		
Water Temperature (°C)	19.9	19.9	20.1	20.1	20.8	20.8	20.8		
Turbidity (NTU)	9.2	16.4	14.5	16.7	12.8	10.5	8.9		
Dissolved Oxygen (mg/L)	6.40	1.58	4.18	3.72	4.84	3.21	3.90		

Well Condition Information

-overall condition acceptable? yes
-well cap acceptable?
-manhole and cover acceptable?
-well pad acceptable?
-area safe?
-other comments

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services — CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4 /28/2015
Field Personnel	JK
General Weather	Clear
Ambient Air Temperature	75

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	0900	Last Verification √ (time)	1300

Monitoring Well Information

Well ID	07303 - MW11	
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB	
Well Diameter	2	in
Screened Interval	74-79	ft
Total Well Depth (nearest 0.1')	78.7	ft
Depth to Groundwater (nearest 0.01')	46.10	ft
Length of Water Column	32.60	ft
1 Casing Volume (0.163)	5.31	ft
3 Casing Volumes (0.489)	15.93	gals
Total Volume Purged	18	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'

78.7

Purge Technique Utilized (bailer, pump)

Well Yield — Low ☑ Medium ☐ High ☐

Volume (gal)	Initial	3	6	9	12	15	18	/ Sample		
Time (military)	1622	1624	1629	1635	1639	1643	1647			
pH (su)	7.99	6.87	6.73	6.68	6.62	6.57	6.55			
Spec Conductivity (mS/cm)	0.175	0.283	0.297	0.285	0.283	0.281	0.281			
Water Temperature (°C)	21.7	20.6	20.4	20.5	20.4	20.4	20.4			
Turbidity (NTU)	10.8	4.6	1.4	2.7	3.6	2.9	2.4			
Dissolved Oxygen (mg/L)	2.56	1.75	1.67	1.50	1.99	2.10	1.76			

Well Condition Information

-overall condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

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Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4 /30 /2015
Field Personnel	JK
General Weather	clear
Ambient Air Temperature	75

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	1100	Last Verification √ (time)	—

Monitoring Well Information

Well ID	07303 - RW1	
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB	
Well Diameter	4	in
Screened Interval	30.1-50.1	ft
Total Well Depth (nearest 0.1')	50.1	ft
Depth to Groundwater (nearest 0.01')	41.16	ft
Length of Water Column	8.94	ft
1 Casing Volume (0.163)	5.83	ft
3 Casing Volumes (0.489)	17.49	gals
Total Volume Purged	18	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'

50.1

Purge Technique Utilized (bailer, pump)

Well Yield Low ☐ Medium ☒ High ☐

Volume (gal)	Initial	3	6	9	12	15	18	Sample		
Time (military)	1310	1312	1314	1316	1318	1320	1325			
pH (su)	6.60	6.79	6.70	6.64	6.60	6.58	6.56			
Spec Conductivity (mS/cm)	0.479	0.420	0.420	0.415	0.389	0.384	0.384			
Water Temperature (°C)	23.7	23.0	22.7	22.3	21.9	21.9	21.9			
Turbidity (NTU)	478	332	291	209	198	194	189			
Dissolved Oxygen (mg/L)	10.42	3.89	3.56	3.53	3.35	2.80	2.98			

Well Condition Information

-overall condition acceptable?	yes
-well cap acceptable?	✓
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services
CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4/30/2015
Field Personnel	JK
General Weather	Clear
Ambient Air Temperature	75

Monitoring Well Information

Well ID	07303 - RW2
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB

Well Diameter	4	in
Screened Interval	30.2 - 50.2	ft
Total Well Depth (nearest 0.1')	50.2	ft
Depth to Groundwater (nearest 0.01')	40.85	ft
Length of Water Column	9.35	ft
1 Casing Volume (0.163)	6.10	ft
3 Casing Volumes (0.489)	18.30	gals
Total Volume Purged	19.5	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'

50.2

Purge Technique Utilized (bailer, pump)

Well Yield Low ☐ Medium ☒ High ☐

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	1100	Last Verification √ (time)	—

Volume (gal)	Initial	3.25	6.5	9.75	13	16.25	19.5	Sample		
Time (military)	1333	1335	1337	1339	1341	1343	1345			
pH (su)	6.75	6.55	6.49	6.33	6.22	6.17	6.15			
Spec Conductivity (mS/cm)	0.441	0.422	0.413	0.400	0.381	0.380	0.377			
Water Temperature (°C)	22.1	22.6	23.0	22.2	21.7	21.9	21.9			
Turbidity (NTU)	644	318	266	170	119	111	108			
Dissolved Oxygen (mg/L)	7.09	5.14	2.03	3.00	2.44	3.07	2.84			

Well Condition Information

-overall condition acceptable?	Yes
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services
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Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4 /29 /2015
Field Personnel	JK
General Weather	Cloudy
Ambient Air Temperature	66

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	0900	Last Verification √ (time)	1700

Monitoring Well Information

Well ID	07303 - RW3		
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB		
Well Diameter	4	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'
Screened Interval	30.2-50.2	ft	
Total Well Depth (nearest 0.1')	50.2	ft	
Depth to Groundwater (nearest 0.01')	40.13	ft	
Length of Water Column	10.07	ft	
1 Casing Volume (0.163)	6.57	ft	
3 Casing Volumes (0.489)	19.71	gals	
Total Volume Purged	21	gals	
Purge Technique Utilized (bailer, pump)			50.2
Well Yield	Low ☐ Medium ☒ High ☐		

Volume (gal)	Initial	3.5	7.0	10.5	14.0	17.5	21.0	Sample		
Time (military)	1936	1938	1941	1943	1945	1948	1950			
pH (su)	7.80	7.33	7.03	6.58	6.49	6.43	6.39			
Spec Conductivity (mS/cm)	0.209	0.311	0.342	0.380	0.393	0.397	0.401			
Water Temperature (°C)	20.4	20.5	20.2	19.9	19.7	19.7	19.7			
Turbidity (NTU)	49.6	386	94.0	52.1	35.8	34.6	33.2			
Dissolved Oxygen (mg/L)	5.17	4.80	4.11	4.53	4.87	4.75	4.46			

Well Condition Information

-overall condition acceptable?	yes
-well cap acceptable?	↓
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services — CLIENTS FIRST ALWAYS

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Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4/30/2015
Field Personnel	JK
General Weather	Clear
Ambient Air Temperature	75

Monitoring Well Information

Well ID	07303 - RW4		
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB		
Well Diameter	4	in	TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'
Screened Interval	30.1-50.1	ft	
Total Well Depth (nearest 0.1')	50.1	ft	
Depth to Groundwater (nearest 0.01')	39.88	ft	
Length of Water Column	10.22	ft	
1 Casing Volume (~~0.163~~)	6.67	ft	
3 Casing Volumes (0.489)	20.01	gals	
Total Volume Purged	21	gals	
Purge Technique Utilized (bailer, pump)			50.1
Well Yield	Low ☐ Medium ☒ High ☐		

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	1100	Last Verification √ (time)	—

Volume (gal)	Initial	3.5	7.0	10.5	14.0	17.5	21.0	/ Sample		
Time (military)	1315	1317	1319	1321	1323	1325	1327			
pH (su)	6.81	6.69	6.71	7.01	7.34	7.30	7.33			
Spec Conductivity (mS/cm)	0.640	0.633	0.616	0.400	6.332	0.330	0.324			
Water Temperature (°C)	23.7	22.8	22.0	22.0	22.0	22.0	22.0			
Turbidity (NTU)	115	117	59.8	52.0	37.6	35.9	35.1			
Dissolved Oxygen (mg/L)	2.97	3.06	1.75	2.11	1.99	2.34	2.02			

Well Condition Information

-overall condition acceptable?	yes
-well cap acceptable?	↓
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services — CLIENTS FIRST ALWAYS

P.O. Box 25
Summerville, SC 29484
1-800-325-0605

Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4 /28/2015
Field Personnel	JK
General Weather	Clear
Ambient Air Temperature	75

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	0900	Last Verification √ (time)	1300

Monitoring Well Information

Well ID	07303 - SW1	
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB	
Well Diameter	—	in
Screened Interval	—	ft
Total Well Depth (nearest 0.1')	—	ft
Depth to Groundwater (nearest 0.01')	—	ft
Length of Water Column	—	ft
1 Casing Volume (0.163)	—	ft
3 Casing Volumes (0.489)	—	gals
Total Volume Purged	—	gals
Purge Technique Utilized (bailer, pump)		
Well Yield Low ☐ Medium ☐ High ☐		—

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'

Volume (gal)	Initial										
Time (military)	1320										
pH (su)	6.77										
Spec Conductivity (mS/cm)	0.080										
Water Temperature (°C)	24.3										
Turbidity (NTU)	7.1										
Dissolved Oxygen (mg/L)	0.07										

Well Condition Information

-overall condition acceptable? SW
-well cap acceptable?
-manhole and cover acceptable?
-well pad acceptable?
-area safe?
-other comments

Additional Comments

Groundwater Sampling Log

TERRY Environmental Services
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Site Specific Information

Terry Project ID	2170J
SCDHEC Permit No.	07303
Project Name	Former Li'l Cricket #339
Date	4 /28 /2015
Field Personnel	JK
General Weather	Clear
Ambient Air Temperature	75

Monitoring Well Information

Well ID	07303 - SW2
Testing Parameters	BTEX, Naph, MTBE, 1,2-DCA, Oxygenates, Ethanol, & EDB

Well Diameter	—	in
Screened Interval	—	ft
Total Well Depth (nearest 0.1')	—	ft
Depth to Groundwater (nearest 0.01')	—	ft
Length of Water Column	—	ft
1 Casing Volume (0.163)	—	ft
3 Casing Volumes (0.489)	—	gals
Total Volume Purged	—	gals

TAG BOTTOM OF WELL TO VERIFY WELL DEPTH, WRITE BELOW TO NEAREST 0.1'

Purge Technique Utilized (bailer, pump) —

Well Yield Low ☐ Medium ☐ High ☐

Quality Assurance

pH Meter	Horiba U-52-2	Conductivity Meter	Horiba U-52-2
Serial Number	VWKAUMKJ	Serial Number	VWKAUMKJ
Calibration Constant	4.00	Calibration Constant	4.49 mS/cm
Calibration Constant	6.86	Calibration Constant	53.0 mS/cm
Calibration Constant	9.18	Calibration Constant	58.7 mS/cm
Last Calibration (time)	0900	Last Verification √ (time)	1300

Volume (gal)	Initial										
Time (military)	1340										
pH (su)	7.02										
Spec Conductivity (mS/cm)	0.076										
Water Temperature (°C)	22.0										
Turbidity (NTU)	5.6										
Dissolved Oxygen (mg/L)	7.43										

Well Condition Information

-overall condition acceptable?	SW
-well cap acceptable?	
-manhole and cover acceptable?	
-well pad acceptable?	
-area safe?	
-other comments	

Additional Comments

TERRY Environmental Services
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HORIBA U-52-2 DAILY CALIBRATION DATA SHEET

Serial Number: VWKAUMKJ **Date/Time:** 4/27/15 - 1330 **Inspector:** JK

Solution Manufacturer: Aurical **Lot Number:** 4AH949 **Expiration Date:** 8/15

Solution Value	***Instrument Reading***	***Accuracy***
pH: 4.00	4.01	± 0.01
Conductivity: 4.49 mS/cm	4.48 mS/cm	± 0.01 mS/cm
Turbidity: 0.0 NTU	0.0 NTU	± 0.6 NTU

	Standard Reading	***Instrument Reading***	***Accuracy***
NIST-Traceable Thermometer:	23.2 °C	23.2 °C	± 0.0 °C

QAPP Acceptance Criteria

Field Parameter	***Accuracy***
Temperature	*±1°C against an NIST-traceable thermometer*
Specific Conductance	*10% of each standard used*
pH	*±0.2 pH units of stated buffer value*
Turbidity	*10% of each standard used*

Inspector's Maintenance Notes

CC #339

TERRY Environmental Services
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1-800-325-0605

HORIBA U-52-2 VERIFICATION CHECK DATA SHEET

Serial Number: VWKAUMKJ **Date/Time:** 4/27/15 - 1730 **Inspector:** JK

Solution Manufacturer: Aurical **Lot Number:** 4AH949 **Expiration Date:** 8/15

Solution Value	***Instrument Reading***	***Accuracy***
pH: 4.00	4.03	± 0.03
Conductivity: 4.49 mS/cm	4.51 mS/cm	± 0.02 mS/cm
Turbidity: 0.0 NTU	0.0 NTU	± 0.0 NTU

	Standard Reading	***Instrument Reading***	***Accuracy***
NIST-Traceable Thermometer:	23.6 °C	23.7 °C	± 0.1 °C

QAPP Acceptance Criteria

Field Parameter	***Accuracy***
Temperature	*±1°C against an NIST-traceable thermometer*
Specific Conductance	*10% of each standard used*
pH	*±0.2 pH units of stated buffer value*
Turbidity	*10% of each standard used*

Inspector's Maintenance Notes

LC #339

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HORIBA U-52-2 VERIFICATION CHECK DATA SHEET

Serial Number: VWKAUMKJ **Date/Time:** 4/27/15-1920 **Inspector:** JK

Solution Manufacturer: Aurical **Lot Number:** YAH949 **Expiration Date:** 8/15

Solution Value	***Instrument Reading***	***Accuracy***
pH: 4.00	4.04	± 0.04
Conductivity: 4.49 mS/cm	4.52 mS/cm	± 0.03 mS/cm
Turbidity: 0.0 NTU	0.1 NTU	± 0.1 NTU

	Standard Reading	***Instrument Reading***	***Accuracy***
NIST-Traceable Thermometer:	23.6 °C	23.6 °C	± 0.0°C

QAPP Acceptance Criteria

Field Parameter	***Accuracy***
Temperature	*±1°C against an NIST-traceable thermometer*
Specific Conductance	*10% of each standard used*
pH	*±0.2 pH units of stated buffer value*
Turbidity	*10% of each standard used*

Inspector's Maintenance Notes

LC # 339

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HORIBA U-52-2 DAILY CALIBRATION DATA SHEET

Serial Number: VWKAUMKJ **Date/Time:** 4/28/15 - 0900 **Inspector:** JK

Solution Manufacturer: Aurical **Lot Number:** 4AH942 **Expiration Date:** 8/15

Solution Value	***Instrument Reading***	***Accuracy***
pH: 4.00	4.00	± 0.0
Conductivity: 4.49 mS/cm	4.50 mS/cm	± 0.01 mS/cm
Turbidity: 0.0 NTU	0.0 NTU	± 0.0 NTU

	Standard Reading	***Instrument Reading***	***Accuracy***
NIST-Traceable Thermometer:	19.7 °C	19.7 °C	± 0.0 °C

QAPP Acceptance Criteria

Field Parameter	***Accuracy***
Temperature	*±1°C against an NIST-traceable thermometer*
Specific Conductance	*10% of each standard used*
pH	*±0.2 pH units of stated buffer value*
Turbidity	*10% of each standard used*

Inspector's Maintenance Notes

LC #339

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HORIBA U-52-2 VERIFICATION CHECK DATA SHEET

Serial Number: VWKAUMKJ **Date/Time:** 4/28/15 - 1300 **Inspector:** JK

Solution Manufacturer: Aurical **Lot Number:** 4AH949 **Expiration Date:** 8/15

Solution Value	***Instrument Reading***	***Accuracy***
pH: 4.00	4.02	± 0.02
Conductivity: 4.49 mS/cm	4.47 mS/cm	± 0.02 mS/cm
Turbidity: 0.0 NTU	0.1 NTU	± 0.1 NTU

	Standard Reading	***Instrument Reading***	***Accuracy***
NIST-Traceable Thermometer:	23.5 °C	23.6 °C	± 0.1 °C

QAPP Acceptance Criteria

Field Parameter	***Accuracy***
Temperature	*±1°C against an NIST-traceable thermometer*
Specific Conductance	*10% of each standard used*
pH	*±0.2 pH units of stated buffer value*
Turbidity	*10% of each standard used*

Inspector's Maintenance Notes

LC # 339

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HORIBA U-52-2 VERIFICATION CHECK DATA SHEET

Serial Number: VWKAUMKJ **Date/Time:** 4/28/15 - 1700 **Inspector:** JK

Solution Manufacturer: Aurical **Lot Number:** 4AH949 **Expiration Date:** 8/15

Solution Value	***Instrument Reading***	***Accuracy***
pH: 4.00	4.04	± 0.04
Conductivity: 4.49 mS/cm	4.47 mS/cm	± 0.02 mS/cm
Turbidity: 0.0 NTU	0.3 NTU	± 0.3 NTU

	Standard Reading	***Instrument Reading***	***Accuracy***
NIST-Traceable Thermometer:	22.8 °C	23.0 °C	± 0.2 °C

QAPP Acceptance Criteria

Field Parameter	***Accuracy***
Temperature	*±1°C against an NIST-traceable thermometer*
Specific Conductance	*10% of each standard used*
pH	*±0.2 pH units of stated buffer value*
Turbidity	*10% of each standard used*

Inspector's Maintenance Notes

LC #339

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HORIBA U-52-2 VERIFICATION CHECK DATA SHEET

Serial Number: VWKAUMKJ **Date/Time:** 4/28/15 - 1805 **Inspector:** JK

Solution Manufacturer: Aurical **Lot Number:** 4AH949 **Expiration Date:** 8/15

Solution Value	***Instrument Reading***	***Accuracy***
pH: 4.00	4.04	± 0.04
Conductivity: 4.49 mS/cm	4.47 mS/cm	± 0.02 mS/cm
Turbidity: 0.0 NTU	0.3 NTU	± 0.3 NTU

	Standard Reading	***Instrument Reading***	***Accuracy***
NIST-Traceable Thermometer:	22.9 °C	23.0 °C	± 0.1 °C

QAPP Acceptance Criteria

Field Parameter	***Accuracy***
Temperature	*±1°C against an NIST-traceable thermometer*
Specific Conductance	*10% of each standard used*
pH	*±0.2 pH units of stated buffer value*
Turbidity	*10% of each standard used*

Inspector's Maintenance Notes

LC #339

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HORIBA U-52-2 DAILY CALIBRATION DATA SHEET

Serial Number: VWKAUMKJ **Date/Time:** 4/29/15 - 0900 **Inspector:** JK

Solution Manufacturer: Aurical **Lot Number:** 4AH949 **Expiration Date:** 8/15

Solution Value	***Instrument Reading***	***Accuracy***
pH: 4.00	4.01	± 0.01
Conductivity: 4.49 mS/cm	4.50 mS/cm	± 0.01 mS/cm
Turbidity: 0.0 NTU	0.0 NTU	± 0.0 NTU

	Standard Reading	***Instrument Reading***	***Accuracy***
NIST-Traceable Thermometer:	18.9 °C	18.9 °C	± 0.0 °C

QAPP Acceptance Criteria

Field Parameter	***Accuracy***
Temperature	*±1°C against an NIST-traceable thermometer*
Specific Conductance	*10% of each standard used*
pH	*±0.2 pH units of stated buffer value*
Turbidity	*10% of each standard used*

Inspector's Maintenance Notes

LC #339

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HORIBA U-52-2 VERIFICATION CHECK DATA SHEET

Serial Number: VWKAUMKJ **Date/Time:** 4/29/15 - 1300 **Inspector:** JK

Solution Manufacturer: Aurical **Lot Number:** 4AH949 **Expiration Date:** 8/15

Solution Value	***Instrument Reading***	***Accuracy***
pH: 4.00	4.02	± 0.02
Conductivity: 4.49 mS/cm	4.53 mS/cm	± 0.04 mS/cm
Turbidity: 0.0 NTU	0.2 NTU	± 0.2 NTU

	Standard Reading	***Instrument Reading***	***Accuracy***
NIST-Traceable Thermometer:	21.2 °C	21.0 °C	± 0.2 °C

QAPP Acceptance Criteria

Field Parameter	***Accuracy***
Temperature	*±1°C against an NIST-traceable thermometer*
Specific Conductance	*10% of each standard used*
pH	*±0.2 pH units of stated buffer value*
Turbidity	*10% of each standard used*

Inspector's Maintenance Notes

LL# 339

TERRY Environmental Services
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HORIBA U-52-2 VERIFICATION CHECK DATA SHEET

Serial Number: VWKAUMKJ **Date/Time:** 4/29/15 - 1700 **Inspector:** JK

Solution Manufacturer: Aurical **Lot Number:** 4AH949 **Expiration Date:** 8/15

Solution Value	***Instrument Reading***	***Accuracy***
pH: 4.00	4.05	± 0.05
Conductivity: 4.49 mS/cm	4.53 mS/cm	± 0.04 mS/cm
Turbidity: 0.0 NTU	0.3 NTU	± 0.3 NTU

	Standard Reading	***Instrument Reading***	***Accuracy***
NIST-Traceable Thermometer:	22.5 °C	22.6 °C	± 0.1 °C

QAPP Acceptance Criteria

Field Parameter	***Accuracy***
Temperature	*±1°C against an NIST-traceable thermometer*
Specific Conductance	*10% of each standard used*
pH	*±0.2 pH units of stated buffer value*
Turbidity	*10% of each standard used*

Inspector's Maintenance Notes

LC # 339

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HORIBA U-52-2 VERIFICATION CHECK DATA SHEET

Serial Number: VWKAUMKJ **Date/Time:** 4/29/15 - 1955 **Inspector:** JK

Solution Manufacturer: Aurical **Lot Number:** 4HH949 **Expiration Date:** 8/15

Solution Value	***Instrument Reading***	***Accuracy***
pH: 4.00	4.07	± 0.07
Conductivity: 4.49 mS/cm	4.55 mS/cm	± 0.06 mS/cm
Turbidity: 0.0 NTU	0.3 NTU	± 0.3 NTU

	Standard Reading	***Instrument Reading***	***Accuracy***
NIST-Traceable Thermometer:	20.2 °C	20.5 °C	± 0.3 °C

QAPP Acceptance Criteria

Field Parameter	***Accuracy***
Temperature	*±1°C against an NIST-traceable thermometer*
Specific Conductance	*10% of each standard used*
pH	*±0.2 pH units of stated buffer value*
Turbidity	*10% of each standard used*

Inspector's Maintenance Notes

LC#339

TERRY Environmental Services
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HORIBA U-52-2 DAILY CALIBRATION DATA SHEET

Serial Number: VWKAUMKJ **Date/Time:** 4/30/15 - 1100 **Inspector:** JC

Solution Manufacturer: Aurical **Lot Number:** 4AH949 **Expiration Date:** 8/15

Solution Value	***Instrument Reading***	***Accuracy***
pH: 4.00	4.01	± 0.01
Conductivity: 4.49 mS/cm	4.49 mS/cm	± 0.0 mS/cm
Turbidity: 0.0 NTU	0.0 NTU	± 0.0 NTU

	Standard Reading	***Instrument Reading***	***Accuracy***
NIST-Traceable Thermometer:	20.9 °C	21.0 °C	± 0.1 °C

QAPP Acceptance Criteria

Field Parameter	***Accuracy***
Temperature	*±1°C against an NIST-traceable thermometer*
Specific Conductance	*10% of each standard used*
pH	*±0.2 pH units of stated buffer value*
Turbidity	*10% of each standard used*

Inspector's Maintenance Notes

LC #339

TERRY Environmental Services
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HORIBA U-52-2 VERIFICATION CHECK DATA SHEET

Serial Number: VWKAUMKJ **Date/Time:** 4/30/15 - 1500 **Inspector:** JK

Solution Manufacturer: Aurical **Lot Number:** 4AH949 **Expiration Date:** 8/15

Solution Value	***Instrument Reading***	***Accuracy***
pH: 4.00	4.04	± 0.04
Conductivity: 4.49 mS/cm	4.51 mS/cm	± 0.02 mS/cm
Turbidity: 0.0 NTU	0.0 NTU	± 0.0 NTU

	Standard Reading	***Instrument Reading***	***Accuracy***
NIST-Traceable Thermometer:	22.1 °C	22.0 °C	± 0.1 °C

QAPP Acceptance Criteria

Field Parameter	***Accuracy***
Temperature	*±1°C against an NIST-traceable thermometer*
Specific Conductance	*10% of each standard used*
pH	*±0.2 pH units of stated buffer value*
Turbidity	*10% of each standard used*

Inspector's Maintenance Notes

LC#339

SHEALY ENVIRONMENTAL SERVICES, INC.

Report of Analysis

Terry Environmental Services, Inc.
1753 North Main Street
Summerville, SC 29483
Attention: Kelly Cone

Project Name: **Fr. Lil Cricket #339**

Project Number: **2170J**

Lot Number: **QD30033**

Date Completed: **05/12/2015**

Kelly M. Nance
Project Manager

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The following non-paginated documents are considered part of this report: Chain of Custody Record and Sample Receipt Checklist.

Case Narrative
Terry Environmental Services, Inc.
Lot Number: QD30033

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

All results listed in this report relate only to the samples that are contained within this report.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved NELAC standards, the Shealy Environmental Services, Inc. ("Shealy") Quality Assurance Management Plan (QAMP), standard operating procedures (SOPs), and Shealy policies. Any exceptions to the NELAC standards, the QAMP, SOPs or policies are qualified on the results page or discussed below.

If you have any questions regarding this report please contact the Shealy Project Manager listed on the cover page.

GC/MS Volatiles
The MS/MSD associated with samples -018 and -020 had compounds recovered outside of the acceptance limits. The LCS were recovered within the required acceptance limits; therefore, this demonstrates a matrix effect and data quality is not impacted.

Sample -022 was analyzed at a 5x dilution based on screening data. There was insufficient sample volume remaining for re-anlaysis. Benzene is detected above the RBSL for groundwater in the diluted analysis.

EDB/DBCP
The sample results for -003, -004 and -047 have a P qualifier because the relative percent difference (RPD) between the two dissimilar phase GC columns exceeds 40%. Section 7.10.4 of SW-846 method 8000B states the higher of the two results is reported; however the lower results are reported for these samples. The higher result for sample -003 was 0.10 ug/L. The higher result for sample -004 was 0.15 ug/L. The higher result for sample -047 was 0.49 ug/L

Sample -043 had the surrogate recovered above the acceptance limits. This reflects a high bias for compounds associated with this surrogate. There were no detections in the sample; therefore, there is no impact on data quality and no corrective action is required.

Due to high detections for target compounds, sample -013 was diluted 20x. As a result, the associated surrogate was recovered outside of the acceptance limits. No corrective action was required, as dilutions of 5x and greater may impact surrogate recoveries.

Sample Summary
Terry Environmental Services, Inc.
Lot Number: QD30033

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	07303-MW3	Aqueous	04/29/2015 1754	04/30/2015
002	07303-MW5R	Aqueous	04/29/2015 1549	04/30/2015
003	07303-MW9	Aqueous	04/29/2015 1824	04/30/2015
004	07303-MW10	Aqueous	04/29/2015 1911	04/30/2015
005	07303-MW11	Aqueous	04/27/2015 1509	04/30/2015
006	07303-MW12	Aqueous	04/27/2015 1451	04/30/2015
007	07303-MW13	Aqueous	04/29/2015 1712	04/30/2015
008	07303-MW14	Aqueous	04/27/2015 1528	04/30/2015
009	07303-MW15	Aqueous	04/29/2015 1429	04/30/2015
010	07303-MW16	Aqueous	04/29/2015 1649	04/30/2015
011	07303-MW17	Aqueous	04/29/2015 1630	04/30/2015
012	07303-MW18	Aqueous	04/29/2015 1612	04/30/2015
013	07303-MW19	Aqueous	04/29/2015 1734	04/30/2015
014	07303-MW20	Aqueous	04/29/2015 1928	04/30/2015
015	07303-MW21	Aqueous	04/29/2015 1457	04/30/2015
016	07303-MW22	Aqueous	04/27/2015 1602	04/30/2015
017	07303-MW24	Aqueous	04/28/2015 1751	04/30/2015
018	07303-MW25	Aqueous	04/28/2015 1710	04/30/2015
019	07303-MW26	Aqueous	04/29/2015 1139	04/30/2015
020	07303-MW27	Aqueous	04/29/2015 1114	04/30/2015
021	07303-MW28	Aqueous	04/29/2015 0929	04/30/2015
022	07303-MW29	Aqueous	04/29/2015 1514	04/30/2015
023	07303-MW30	Aqueous	04/29/2015 1529	04/30/2015
024	07303-MW31	Aqueous	04/28/2015 1126	04/30/2015
025	07303-MW32	Aqueous	04/28/2015 1104	04/30/2015
026	07303-MW33	Aqueous	04/28/2015 1045	04/30/2015
027	07303-MW34	Aqueous	04/28/2015 0942	04/30/2015
028	07303-MW35	Aqueous	04/28/2015 0921	04/30/2015
029	07303-MW36	Aqueous	04/27/2015 1727	04/30/2015
030	07303-MW37	Aqueous	04/27/2015 1821	04/30/2015
031	07303-MW38	Aqueous	04/27/2015 1753	04/30/2015
032	07303-MW39	Aqueous	04/28/2015 1727	04/30/2015
033	07303-MW40	Aqueous	04/28/2015 1155	04/30/2015
034	07303-MW41	Aqueous	04/28/2015 1613	04/30/2015
035	07303-MW42	Aqueous	04/28/2015 1231	04/30/2015
036	07303-MW44	Aqueous	04/28/2015 1543	04/30/2015
037	07303-MW46	Aqueous	04/28/2015 1505	04/30/2015
038	07303-DW1	Aqueous	04/30/2015 1158	04/30/2015
039	07303-DW2	Aqueous	04/30/2015 1257	04/30/2015
040	07303-DW3	Aqueous	04/30/2015 1429	04/30/2015
041	07303-DW5	Aqueous	04/27/2015 1556	04/30/2015
042	07303-DW6	Aqueous	04/30/2015 1157	04/30/2015
043	07303-DW7	Aqueous	04/30/2015 1250	04/30/2015
044	07303-DW9	Aqueous	04/27/2015 1842	04/30/2015
045	07303-DW10	Aqueous	04/27/2015 1911	04/30/2015

Sample Summary (Continued)

Lot Number: QD30033

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
046	07303-DW11	Aqueous	04/28/2015 1647	04/30/2015
047	07303-RW1	Aqueous	04/30/2015 1323	04/30/2015
048	07303-RW2	Aqueous	04/30/2015 1345	04/30/2015
049	07303-RW3	Aqueous	04/29/2015 1950	04/30/2015
050	07303-RW4	Aqueous	04/30/2015 1327	04/30/2015
051	07303-SW1	Aqueous	04/28/2015 1320	04/30/2015
052	07303-SW2	Aqueous	04/28/2015 1340	04/30/2015
053	07303-MW46DUP	Aqueous	04/28/2015 1507	04/30/2015
054	07303-MW19DUP	Aqueous	04/29/2015 1736	04/30/2015
055	07303-DW3DUP	Aqueous	04/30/2015 1431	04/30/2015
056	07303-FB1	Aqueous	04/27/2015 1300	04/30/2015
057	07303-FB2	Aqueous	04/28/2015 0845	04/30/2015
058	07303-FB3	Aqueous	04/29/2015 0845	04/30/2015
059	07303-FB4	Aqueous	04/30/2015 1050	04/30/2015
060	07303-TB1	Aqueous	04/27/2015	04/30/2015
061	07303-TB2	Aqueous	04/29/2015	04/30/2015

(61 samples)

Executive Summary
Terry Environmental Services, Inc.
Lot Number: QD30033

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
003	07303-MW9	Aqueous	tert-Amyl alcohol (TAA)	8260B	220		ug/L	13
003	07303-MW9	Aqueous	tert-Amyl methyl ether	8260B	34	J	ug/L	13
003	07303-MW9	Aqueous	Benzene	8260B	350		ug/L	13
003	07303-MW9	Aqueous	Diisopropyl ether (IPE)	8260B	32		ug/L	13
003	07303-MW9	Aqueous	Ethylbenzene	8260B	330		ug/L	13
003	07303-MW9	Aqueous	Methyl tertiary butyl ether	8260B	810		ug/L	13
003	07303-MW9	Aqueous	Naphthalene	8260B	59		ug/L	13
003	07303-MW9	Aqueous	tert-butyl alcohol (TBA)	8260B	450		ug/L	13
003	07303-MW9	Aqueous	Toluene	8260B	18		ug/L	13
003	07303-MW9	Aqueous	Xylenes (total)	8260B	260		ug/L	13
003	07303-MW9	Aqueous	1,2-Dibromoethane (EDB)	8011	0.0068	JP	ug/L	13
004	07303-MW10	Aqueous	tert-Amyl alcohol (TAA)	8260B	780	J	ug/L	14
004	07303-MW10	Aqueous	tert-Amyl methyl ether	8260B	46	J	ug/L	14
004	07303-MW10	Aqueous	Benzene	8260B	1200		ug/L	14
004	07303-MW10	Aqueous	Ethylbenzene	8260B	2100		ug/L	14
004	07303-MW10	Aqueous	Methyl tertiary butyl ether	8260B	810		ug/L	14
004	07303-MW10	Aqueous	Naphthalene	8260B	1200		ug/L	14
004	07303-MW10	Aqueous	tert-butyl alcohol (TBA)	8260B	3100		ug/L	14
004	07303-MW10	Aqueous	Toluene	8260B	8700		ug/L	14
004	07303-MW10	Aqueous	Xylenes (total)	8260B	14000		ug/L	14
004	07303-MW10	Aqueous	1,2-Dibromoethane (EDB)	8011	0.069	P	ug/L	14
005	07303-MW11	Aqueous	Methyl tertiary butyl ether	8260B	1.7		ug/L	15
006	07303-MW12	Aqueous	Methyl tertiary butyl ether	8260B	3.0		ug/L	16
007	07303-MW13	Aqueous	tert-Amyl alcohol (TAA)	8260B	4.0	J	ug/L	17
007	07303-MW13	Aqueous	Benzene	8260B	0.71	J	ug/L	17
007	07303-MW13	Aqueous	Methyl tertiary butyl ether	8260B	1.8		ug/L	17
007	07303-MW13	Aqueous	tert-butyl alcohol (TBA)	8260B	28		ug/L	17
008	07303-MW14	Aqueous	Methyl tertiary butyl ether	8260B	1.9		ug/L	18
009	07303-MW15	Aqueous	tert-Amyl alcohol (TAA)	8260B	420		ug/L	19
009	07303-MW15	Aqueous	tert-Amyl methyl ether	8260B	32	J	ug/L	19
009	07303-MW15	Aqueous	Benzene	8260B	450		ug/L	19
009	07303-MW15	Aqueous	1,2-Dichloroethane	8260B	16	J	ug/L	19
009	07303-MW15	Aqueous	Diisopropyl ether (IPE)	8260B	22		ug/L	19
009	07303-MW15	Aqueous	Ethylbenzene	8260B	580		ug/L	19
009	07303-MW15	Aqueous	Methyl tertiary butyl ether	8260B	260		ug/L	19
009	07303-MW15	Aqueous	Naphthalene	8260B	250		ug/L	19
009	07303-MW15	Aqueous	tert-butyl alcohol (TBA)	8260B	830		ug/L	19
009	07303-MW15	Aqueous	Toluene	8260B	500		ug/L	19
009	07303-MW15	Aqueous	Xylenes (total)	8260B	2300		ug/L	19
010	07303-MW16	Aqueous	tert-Amyl alcohol (TAA)	8260B	39		ug/L	20
010	07303-MW16	Aqueous	tert-Amyl methyl ether	8260B	3.8	J	ug/L	20
010	07303-MW16	Aqueous	Benzene	8260B	2.6		ug/L	20
010	07303-MW16	Aqueous	1,2-Dichloroethane	8260B	1.3		ug/L	20
010	07303-MW16	Aqueous	Diisopropyl ether (IPE)	8260B	5.0		ug/L	20
010	07303-MW16	Aqueous	Methyl tertiary butyl ether	8260B	67		ug/L	20

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
010	07303-MW16	Aqueous	Naphthalene	8260B	1.6		ug/L	20
010	07303-MW16	Aqueous	tert-butyl alcohol (TBA)	8260B	50		ug/L	20
012	07303-MW18	Aqueous	tert-Amyl alcohol (TAA)	8260B	2.7	J	ug/L	22
012	07303-MW18	Aqueous	tert-Amyl methyl ether	8260B	0.96	J	ug/L	22
012	07303-MW18	Aqueous	Benzene	8260B	2.4		ug/L	22
012	07303-MW18	Aqueous	Diisopropyl ether (IPE)	8260B	1.4		ug/L	22
012	07303-MW18	Aqueous	Ethylbenzene	8260B	3.1		ug/L	22
012	07303-MW18	Aqueous	Methyl tertiary butyl ether	8260B	19		ug/L	22
012	07303-MW18	Aqueous	Naphthalene	8260B	2.3		ug/L	22
012	07303-MW18	Aqueous	tert-butyl alcohol (TBA)	8260B	41		ug/L	22
012	07303-MW18	Aqueous	Xylenes (total)	8260B	1.6		ug/L	22
013	07303-MW19	Aqueous	tert-Amyl alcohol (TAA)	8260B	1500	J	ug/L	23
013	07303-MW19	Aqueous	tert-Amyl methyl ether	8260B	480	J	ug/L	23
013	07303-MW19	Aqueous	Benzene	8260B	1800		ug/L	23
013	07303-MW19	Aqueous	1,2-Dichloroethane	8260B	81	J	ug/L	23
013	07303-MW19	Aqueous	Diisopropyl ether (IPE)	8260B	230		ug/L	23
013	07303-MW19	Aqueous	Ethylbenzene	8260B	1900		ug/L	23
013	07303-MW19	Aqueous	Methyl tertiary butyl ether	8260B	5600		ug/L	23
013	07303-MW19	Aqueous	Naphthalene	8260B	1700		ug/L	23
013	07303-MW19	Aqueous	tert-butyl alcohol (TBA)	8260B	8600		ug/L	23
013	07303-MW19	Aqueous	Toluene	8260B	13000		ug/L	23
013	07303-MW19	Aqueous	Xylenes (total)	8260B	12000		ug/L	23
013	07303-MW19	Aqueous	1,2-Dibromoethane (EDB)	8011	14		ug/L	23
014	07303-MW20	Aqueous	tert-Amyl alcohol (TAA)	8260B	2900	J	ug/L	24
014	07303-MW20	Aqueous	tert-Amyl methyl ether	8260B	120	J	ug/L	24
014	07303-MW20	Aqueous	Benzene	8260B	1100		ug/L	24
014	07303-MW20	Aqueous	1,2-Dichloroethane	8260B	53	J	ug/L	24
014	07303-MW20	Aqueous	Diisopropyl ether (IPE)	8260B	80	J	ug/L	24
014	07303-MW20	Aqueous	Ethylbenzene	8260B	2500		ug/L	24
014	07303-MW20	Aqueous	Methyl tertiary butyl ether	8260B	1600		ug/L	24
014	07303-MW20	Aqueous	Naphthalene	8260B	1300		ug/L	24
014	07303-MW20	Aqueous	tert-butyl alcohol (TBA)	8260B	9100		ug/L	24
014	07303-MW20	Aqueous	Toluene	8260B	9100		ug/L	24
014	07303-MW20	Aqueous	Xylenes (total)	8260B	16000		ug/L	24
014	07303-MW20	Aqueous	1,2-Dibromoethane (EDB)	8011	3.3		ug/L	24
017	07303-MW24	Aqueous	tert-Amyl alcohol (TAA)	8260B	200	J	ug/L	27
017	07303-MW24	Aqueous	Benzene	8260B	24		ug/L	27
017	07303-MW24	Aqueous	Ethylbenzene	8260B	770		ug/L	27
017	07303-MW24	Aqueous	Naphthalene	8260B	320		ug/L	27
017	07303-MW24	Aqueous	tert-butyl alcohol (TBA)	8260B	52	J	ug/L	27
017	07303-MW24	Aqueous	Toluene	8260B	190		ug/L	27
017	07303-MW24	Aqueous	Xylenes (total)	8260B	2900		ug/L	27
018	07303-MW25	Aqueous	tert-Amyl alcohol (TAA)	8260B	240		ug/L	28
018	07303-MW25	Aqueous	tert-Amyl methyl ether	8260B	3.0	J	ug/L	28
018	07303-MW25	Aqueous	Benzene	8260B	77		ug/L	28
018	07303-MW25	Aqueous	1,2-Dichloroethane	8260B	2.7	J	ug/L	28
018	07303-MW25	Aqueous	Diisopropyl ether (IPE)	8260B	3.0	J	ug/L	28
018	07303-MW25	Aqueous	Ethylbenzene	8260B	180		ug/L	28

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
018	07303-MW25	Aqueous	Methyl tertiary butyl ether	8260B	100		ug/L	28
018	07303-MW25	Aqueous	Naphthalene	8260B	56		ug/L	28
018	07303-MW25	Aqueous	tert-butyl alcohol (TBA)	8260B	410		ug/L	28
018	07303-MW25	Aqueous	Toluene	8260B	23		ug/L	28
018	07303-MW25	Aqueous	Xylenes (total)	8260B	470		ug/L	28
019	07303-MW26	Aqueous	tert-Amyl alcohol (TAA)	8260B	48		ug/L	29
019	07303-MW26	Aqueous	tert-Amyl methyl ether	8260B	1.4	J	ug/L	29
019	07303-MW26	Aqueous	Benzene	8260B	22		ug/L	29
019	07303-MW26	Aqueous	1,2-Dichloroethane	8260B	0.76	J	ug/L	29
019	07303-MW26	Aqueous	Ethylbenzene	8260B	53		ug/L	29
019	07303-MW26	Aqueous	Methyl tertiary butyl ether	8260B	31		ug/L	29
019	07303-MW26	Aqueous	Naphthalene	8260B	21		ug/L	29
019	07303-MW26	Aqueous	tert-butyl alcohol (TBA)	8260B	91		ug/L	29
019	07303-MW26	Aqueous	Toluene	8260B	3.7		ug/L	29
019	07303-MW26	Aqueous	Xylenes (total)	8260B	110		ug/L	29
020	07303-MW27	Aqueous	tert-Amyl alcohol (TAA)	8260B	210		ug/L	30
020	07303-MW27	Aqueous	Benzene	8260B	250		ug/L	30
020	07303-MW27	Aqueous	Ethylbenzene	8260B	880		ug/L	30
020	07303-MW27	Aqueous	Methyl tertiary butyl ether	8260B	98		ug/L	30
020	07303-MW27	Aqueous	Naphthalene	8260B	280		ug/L	30
020	07303-MW27	Aqueous	tert-butyl alcohol (TBA)	8260B	360		ug/L	30
020	07303-MW27	Aqueous	Toluene	8260B	37		ug/L	30
020	07303-MW27	Aqueous	Xylenes (total)	8260B	1900		ug/L	30
021	07303-MW28	Aqueous	Methyl tertiary butyl ether	8260B	0.60	J	ug/L	31
022	07303-MW29	Aqueous	tert-Amyl alcohol (TAA)	8260B	46	J	ug/L	32
022	07303-MW29	Aqueous	Benzene	8260B	10		ug/L	32
022	07303-MW29	Aqueous	Ethylbenzene	8260B	52		ug/L	32
022	07303-MW29	Aqueous	Methyl tertiary butyl ether	8260B	19		ug/L	32
022	07303-MW29	Aqueous	Naphthalene	8260B	11		ug/L	32
022	07303-MW29	Aqueous	tert-butyl alcohol (TBA)	8260B	29	J	ug/L	32
022	07303-MW29	Aqueous	Toluene	8260B	4.5	J	ug/L	32
022	07303-MW29	Aqueous	Xylenes (total)	8260B	130		ug/L	32
023	07303-MW30	Aqueous	tert-Amyl alcohol (TAA)	8260B	2.0	J	ug/L	33
023	07303-MW30	Aqueous	Benzene	8260B	1.0		ug/L	33
023	07303-MW30	Aqueous	Methyl tertiary butyl ether	8260B	5.3		ug/L	33
023	07303-MW30	Aqueous	tert-butyl alcohol (TBA)	8260B	3.2	J	ug/L	33
036	07303-MW44	Aqueous	Methyl tertiary butyl ether	8260B	1.3		ug/L	46
038	07303-DW1	Aqueous	tert-Amyl alcohol (TAA)	8260B	20		ug/L	48
038	07303-DW1	Aqueous	tert-Amyl methyl ether	8260B	2.4	J	ug/L	48
038	07303-DW1	Aqueous	Benzene	8260B	1.9		ug/L	48
038	07303-DW1	Aqueous	Diisopropyl ether (IPE)	8260B	2.9		ug/L	48
038	07303-DW1	Aqueous	Methyl tertiary butyl ether	8260B	63		ug/L	48
038	07303-DW1	Aqueous	tert-butyl alcohol (TBA)	8260B	29		ug/L	48
039	07303-DW2	Aqueous	tert-Amyl alcohol (TAA)	8260B	12	J	ug/L	49
039	07303-DW2	Aqueous	tert-Amyl methyl ether	8260B	1.8	J	ug/L	49
039	07303-DW2	Aqueous	Benzene	8260B	1.6		ug/L	49
039	07303-DW2	Aqueous	1,2-Dichloroethane	8260B	0.56	J	ug/L	49
039	07303-DW2	Aqueous	Diisopropyl ether (IPE)	8260B	1.8		ug/L	49

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
039	07303-DW2	Aqueous	Methyl tertiary butyl ether	8260B	38		ug/L	49
039	07303-DW2	Aqueous	tert-butyl alcohol (TBA)	8260B	21		ug/L	49
039	07303-DW2	Aqueous	Xylenes (total)	8260B	0.44	J	ug/L	49
040	07303-DW3	Aqueous	tert-Amyl alcohol (TAA)	8260B	14	J	ug/L	50
040	07303-DW3	Aqueous	tert-Amyl methyl ether	8260B	2.2	J	ug/L	50
040	07303-DW3	Aqueous	Benzene	8260B	3.2		ug/L	50
040	07303-DW3	Aqueous	Diisopropyl ether (IPE)	8260B	2.5		ug/L	50
040	07303-DW3	Aqueous	Ethylbenzene	8260B	0.59	J	ug/L	50
040	07303-DW3	Aqueous	Methyl tertiary butyl ether	8260B	44		ug/L	50
040	07303-DW3	Aqueous	tert-butyl alcohol (TBA)	8260B	22		ug/L	50
040	07303-DW3	Aqueous	Toluene	8260B	2.9		ug/L	50
040	07303-DW3	Aqueous	Xylenes (total)	8260B	2.9		ug/L	50
041	07303-DW5	Aqueous	Benzene	8260B	0.78	J	ug/L	51
041	07303-DW5	Aqueous	Ethanol	8260B	37	J	ug/L	51
041	07303-DW5	Aqueous	Methyl tertiary butyl ether	8260B	0.53	J	ug/L	51
041	07303-DW5	Aqueous	tert-butyl alcohol (TBA)	8260B	4.7	J	ug/L	51
041	07303-DW5	Aqueous	Toluene	8260B	0.57	J	ug/L	51
041	07303-DW5	Aqueous	Xylenes (total)	8260B	0.67	J	ug/L	51
042	07303-DW6	Aqueous	Benzene	8260B	0.28	J	ug/L	52
042	07303-DW6	Aqueous	tert-butyl alcohol (TBA)	8260B	2.6	J	ug/L	52
042	07303-DW6	Aqueous	Toluene	8260B	0.68	J	ug/L	52
042	07303-DW6	Aqueous	Xylenes (total)	8260B	0.37	J	ug/L	52
043	07303-DW7	Aqueous	Benzene	8260B	1.7		ug/L	53
043	07303-DW7	Aqueous	Methyl tertiary butyl ether	8260B	3.5		ug/L	53
043	07303-DW7	Aqueous	tert-butyl alcohol (TBA)	8260B	2.7	J	ug/L	53
043	07303-DW7	Aqueous	Toluene	8260B	0.36	J	ug/L	53
045	07303-DW10	Aqueous	Benzene	8260B	0.31	J	ug/L	55
045	07303-DW10	Aqueous	Methyl tertiary butyl ether	8260B	0.77	J	ug/L	55
046	07303-DW11	Aqueous	tert-Amyl alcohol (TAA)	8260B	310		ug/L	56
046	07303-DW11	Aqueous	tert-Amyl methyl ether	8260B	14		ug/L	56
046	07303-DW11	Aqueous	Benzene	8260B	8.9		ug/L	56
046	07303-DW11	Aqueous	1,2-Dichloroethane	8260B	2.0		ug/L	56
046	07303-DW11	Aqueous	Diisopropyl ether (IPE)	8260B	15		ug/L	56
046	07303-DW11	Aqueous	Ethylbenzene	8260B	2.2		ug/L	56
046	07303-DW11	Aqueous	Methyl tertiary butyl ether	8260B	250		ug/L	56
046	07303-DW11	Aqueous	tert-butyl alcohol (TBA)	8260B	700		ug/L	56
046	07303-DW11	Aqueous	Xylenes (total)	8260B	1.0		ug/L	56
047	07303-RW1	Aqueous	tert-Amyl alcohol (TAA)	8260B	1200		ug/L	57
047	07303-RW1	Aqueous	tert-Amyl methyl ether	8260B	63	J	ug/L	57
047	07303-RW1	Aqueous	Benzene	8260B	870		ug/L	57
047	07303-RW1	Aqueous	1,2-Dichloroethane	8260B	30	J	ug/L	57
047	07303-RW1	Aqueous	Diisopropyl ether (IPE)	8260B	39	J	ug/L	57
047	07303-RW1	Aqueous	Ethylbenzene	8260B	1400		ug/L	57
047	07303-RW1	Aqueous	Methyl tertiary butyl ether	8260B	970		ug/L	57
047	07303-RW1	Aqueous	Naphthalene	8260B	480		ug/L	57
047	07303-RW1	Aqueous	tert-butyl alcohol (TBA)	8260B	3500		ug/L	57
047	07303-RW1	Aqueous	Toluene	8260B	6500		ug/L	57
047	07303-RW1	Aqueous	Xylenes (total)	8260B	7100		ug/L	57

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
047	07303-RW1	Aqueous	1,2-Dibromoethane (EDB)	8011	0.0063	JP	ug/L	57
048	07303-RW2	Aqueous	tert-Amyl alcohol (TAA)	8260B	2500		ug/L	58
048	07303-RW2	Aqueous	tert-Amyl methyl ether	8260B	84	J	ug/L	58
048	07303-RW2	Aqueous	Benzene	8260B	1400		ug/L	58
048	07303-RW2	Aqueous	1,2-Dichloroethane	8260B	45	J	ug/L	58
048	07303-RW2	Aqueous	Diisopropyl ether (IPE)	8260B	68		ug/L	58
048	07303-RW2	Aqueous	Ethylbenzene	8260B	2500		ug/L	58
048	07303-RW2	Aqueous	Methyl tertiary butyl ether	8260B	1600		ug/L	58
048	07303-RW2	Aqueous	Naphthalene	8260B	730		ug/L	58
048	07303-RW2	Aqueous	tert-butyl alcohol (TBA)	8260B	6800		ug/L	58
048	07303-RW2	Aqueous	Toluene	8260B	10000		ug/L	58
048	07303-RW2	Aqueous	Xylenes (total)	8260B	11000		ug/L	58
048	07303-RW2	Aqueous	1,2-Dibromoethane (EDB)	8011	0.26		ug/L	58
049	07303-RW3	Aqueous	tert-Amyl alcohol (TAA)	8260B	2900		ug/L	59
049	07303-RW3	Aqueous	tert-Amyl methyl ether	8260B	45	J	ug/L	59
049	07303-RW3	Aqueous	Benzene	8260B	730		ug/L	59
049	07303-RW3	Aqueous	1,2-Dichloroethane	8260B	24	J	ug/L	59
049	07303-RW3	Aqueous	Diisopropyl ether (IPE)	8260B	26	J	ug/L	59
049	07303-RW3	Aqueous	Ethylbenzene	8260B	2000		ug/L	59
049	07303-RW3	Aqueous	Methyl tertiary butyl ether	8260B	550		ug/L	59
049	07303-RW3	Aqueous	Naphthalene	8260B	690		ug/L	59
049	07303-RW3	Aqueous	tert-butyl alcohol (TBA)	8260B	6600		ug/L	59
049	07303-RW3	Aqueous	Toluene	8260B	1200		ug/L	59
049	07303-RW3	Aqueous	Xylenes (total)	8260B	7500		ug/L	59
049	07303-RW3	Aqueous	1,2-Dibromoethane (EDB)	8011	4.6		ug/L	59
050	07303-RW4	Aqueous	tert-Amyl alcohol (TAA)	8260B	180		ug/L	60
050	07303-RW4	Aqueous	tert-Amyl methyl ether	8260B	16		ug/L	60
050	07303-RW4	Aqueous	Benzene	8260B	9.0		ug/L	60
050	07303-RW4	Aqueous	1,2-Dichloroethane	8260B	1.9		ug/L	60
050	07303-RW4	Aqueous	Diisopropyl ether (IPE)	8260B	9.3		ug/L	60
050	07303-RW4	Aqueous	Ethylbenzene	8260B	0.95	J	ug/L	60
050	07303-RW4	Aqueous	Methyl tertiary butyl ether	8260B	200		ug/L	60
050	07303-RW4	Aqueous	Naphthalene	8260B	0.96	J	ug/L	60
050	07303-RW4	Aqueous	tert-butyl alcohol (TBA)	8260B	490		ug/L	60
050	07303-RW4	Aqueous	Toluene	8260B	8.0		ug/L	60
050	07303-RW4	Aqueous	Xylenes (total)	8260B	16		ug/L	60
050	07303-RW4	Aqueous	1,2-Dibromoethane (EDB)	8011	0.36		ug/L	60
051	07303-SW1	Aqueous	tert-Amyl alcohol (TAA)	8260B	4.4	J	ug/L	61
051	07303-SW1	Aqueous	Methyl tertiary butyl ether	8260B	4.7		ug/L	61
051	07303-SW1	Aqueous	tert-butyl alcohol (TBA)	8260B	11	J	ug/L	61
052	07303-SW2	Aqueous	tert-Amyl alcohol (TAA)	8260B	3.4	J	ug/L	62
052	07303-SW2	Aqueous	Methyl tertiary butyl ether	8260B	4.2		ug/L	62
052	07303-SW2	Aqueous	tert-butyl alcohol (TBA)	8260B	7.6	J	ug/L	62
054	07303-MW19DUP	Aqueous	tert-Amyl alcohol (TAA)	8260B	1400	J	ug/L	64
054	07303-MW19DUP	Aqueous	tert-Amyl methyl ether	8260B	420	J	ug/L	64
054	07303-MW19DUP	Aqueous	Benzene	8260B	1600		ug/L	64
054	07303-MW19DUP	Aqueous	1,2-Dichloroethane	8260B	73	J	ug/L	64
054	07303-MW19DUP	Aqueous	Diisopropyl ether (IPE)	8260B	210		ug/L	64

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
054	07303-MW19DUP	Aqueous	Ethylbenzene	8260B	1700		ug/L	64
054	07303-MW19DUP	Aqueous	Methyl tertiary butyl ether	8260B	5200		ug/L	64
054	07303-MW19DUP	Aqueous	Naphthalene	8260B	1600		ug/L	64
054	07303-MW19DUP	Aqueous	tert-butyl alcohol (TBA)	8260B	7600		ug/L	64
054	07303-MW19DUP	Aqueous	Toluene	8260B	12000		ug/L	64
054	07303-MW19DUP	Aqueous	Xylenes (total)	8260B	10000		ug/L	64
054	07303-MW19DUP	Aqueous	1,2-Dibromoethane (EDB)	8011	11		ug/L	64
055	07303-DW3DUP	Aqueous	tert-Amyl alcohol (TAA)	8260B	18	J	ug/L	65
055	07303-DW3DUP	Aqueous	tert-Amyl methyl ether	8260B	2.6	J	ug/L	65
055	07303-DW3DUP	Aqueous	Benzene	8260B	4.1		ug/L	65
055	07303-DW3DUP	Aqueous	1,2-Dichloroethane	8260B	0.67	J	ug/L	65
055	07303-DW3DUP	Aqueous	Diisopropyl ether (IPE)	8260B	3.3		ug/L	65
055	07303-DW3DUP	Aqueous	Ethylbenzene	8260B	0.79	J	ug/L	65
055	07303-DW3DUP	Aqueous	Methyl tertiary butyl ether	8260B	56		ug/L	65
055	07303-DW3DUP	Aqueous	tert-butyl alcohol (TBA)	8260B	28		ug/L	65
055	07303-DW3DUP	Aqueous	Toluene	8260B	3.9		ug/L	65
055	07303-DW3DUP	Aqueous	Xylenes (total)	8260B	3.8		ug/L	65

(254 detections)

Client: **Terry Environmental Services, Inc.**
Description: **07303-MW3**
Date Sampled: **04/29/2015 1754**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-001**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/06/2015 0326	PMM2		74120

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	1.5	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.25	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.21	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		1.0	0.40	ug/L	1
Naphthalene	91-20-3	8260B	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	2.3	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		93	70-130
Bromofluorobenzene		100	70-130
Toluene-d8		98	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/05/2015 1126	MEM	05/03/2015 1355	73889

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.020	0.0049	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		70	57-137

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-MW5R**
Date Sampled: **04/29/2015 1549**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-002**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/06/2015 0218	PMM2		74120

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	1.5	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.25	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.21	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		1.0	0.40	ug/L	1
Naphthalene	91-20-3	8260B	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	2.3	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		92	70-130
Bromofluorobenzene		95	70-130
Toluene-d8		97	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/05/2015 1157	MEM	05/03/2015 1355	73889

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.019	0.0048	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		71	57-137

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-MW9**
Date Sampled: **04/29/2015 1824**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-003**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	10	05/06/2015 0348	PMM2		74120

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	**75-85-4**	**8260B**	**220**		**200**	**15**	**ug/L**	**1**
tert-Amyl methyl ether (TAME)	**994-05-8**	**8260B**	**34**	**J**	**100**	**2.5**	**ug/L**	**1**
Benzene	**71-43-2**	**8260B**	**350**		**10**	**2.1**	**ug/L**	**1**
tert-Butyl formate (TBF)	762-75-4	8260B	ND		50	6.6	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		10	1.5	ug/L	1
Diisopropyl ether (IPE)	**108-20-3**	**8260B**	**32**		**10**	**4.0**	**ug/L**	**1**
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		200	15	ug/L	1
Ethanol	64-17-5	8260B	ND		1000	190	ug/L	1
Ethylbenzene	**100-41-4**	**8260B**	**330**		**10**	**3.3**	**ug/L**	**1**
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		10	2.0	ug/L	1
Methyl tertiary butyl ether (MTBE)	**1634-04-4**	**8260B**	**810**		**10**	**4.0**	**ug/L**	**1**
Naphthalene	**91-20-3**	**8260B**	**59**		**10**	**4.0**	**ug/L**	**1**
tert-butyl alcohol (TBA)	**75-65-0**	**8260B**	**450**		**200**	**23**	**ug/L**	**1**
Toluene	**108-88-3**	**8260B**	**18**		**10**	**3.3**	**ug/L**	**1**
Xylenes (total)	**1330-20-7**	**8260B**	**260**		**10**	**3.3**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		91	70-130
Bromofluorobenzene		97	70-130
Toluene-d8		97	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/05/2015 1207	MEM	05/03/2015 1355	73889

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	**106-93-4**	**8011**	**0.0068**	**JP**	**0.020**	**0.0049**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		80	57-137

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-MW10**
Date Sampled: **04/29/2015 1911**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-004**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	100	05/06/2015 0410	PMM2		74120

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	**75-85-4**	**8260B**	**780**	**J**	**2000**	**150**	**ug/L**	**1**
tert-Amyl methyl ether (TAME)	**994-05-8**	**8260B**	**46**	**J**	**1000**	**25**	**ug/L**	**1**
Benzene	**71-43-2**	**8260B**	**1200**		**100**	**21**	**ug/L**	**1**
tert-Butyl formate (TBF)	762-75-4	8260B	ND		500	66	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		100	15	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		100	40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		2000	150	ug/L	1
Ethanol	64-17-5	8260B	ND		10000	1900	ug/L	1
Ethylbenzene	**100-41-4**	**8260B**	**2100**		**100**	**33**	**ug/L**	**1**
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		100	20	ug/L	1
Methyl tertiary butyl ether (MTBE)	**1634-04-4**	**8260B**	**810**		**100**	**40**	**ug/L**	**1**
Naphthalene	**91-20-3**	**8260B**	**1200**		**100**	**40**	**ug/L**	**1**
tert-butyl alcohol (TBA)	**75-65-0**	**8260B**	**3100**		**2000**	**230**	**ug/L**	**1**
Toluene	**108-88-3**	**8260B**	**8700**		**100**	**33**	**ug/L**	**1**
Xylenes (total)	**1330-20-7**	**8260B**	**14000**		**100**	**33**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		91	70-130
Bromofluorobenzene		100	70-130
Toluene-d8		98	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/05/2015 1217	MEM	05/03/2015 1355	73889

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	**106-93-4**	**8011**	**0.069**	**P**	**0.019**	**0.0048**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		101	57-137

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-MW11**
Date Sampled: **04/27/2015 1509**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-005**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/06/2015 0241	PMM2		74120

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	1.5	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.25	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.21	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	**1634-04-4**	**8260B**	**1.7**		**1.0**	**0.40**	**ug/L**	**1**
Naphthalene	91-20-3	8260B	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	2.3	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		93	70-130
Bromofluorobenzene		96	70-130
Toluene-d8		97	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
2	8011	8011	1	05/07/2015 1255	MEM	05/06/2015 1153	74145

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.020	0.0050	ug/L	2

Surrogate	Q	Run 2 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		110	57-137

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-MW12**
Date Sampled: **04/27/2015 1451**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-006**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/06/2015 0303	PMM2		74120

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	1.5	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.25	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.21	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	**1634-04-4**	**8260B**	**3.0**		**1.0**	**0.40**	**ug/L**	**1**
Naphthalene	91-20-3	8260B	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	2.3	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		92	70-130
Bromofluorobenzene		95	70-130
Toluene-d8		99	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
2	8011	8011	1	05/05/2015 1737	MEM	05/03/2015 1355	73889

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.020	0.0049	ug/L	2

Surrogate	Q	Run 2 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		62	57-137

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Laboratory ID: **QD30033-007**
Description: **07303-MW13**
Matrix: **Aqueous**
Date Sampled: **04/29/2015 1712**
Date Received: **04/30/2015**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/05/2015 2124	PMM2		74118

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	**75-85-4**	**8260B**	**4.0**	**J**	**20**	**1.5**	**ug/L**	**1**
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.25	ug/L	1
Benzene	**71-43-2**	**8260B**	**0.71**	**J**	**1.0**	**0.21**	**ug/L**	**1**
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	**1634-04-4**	**8260B**	**1.8**		**1.0**	**0.40**	**ug/L**	**1**
Naphthalene	91-20-3	8260B	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	**75-65-0**	**8260B**	**28**		**20**	**2.3**	**ug/L**	**1**
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		85	70-130
Bromofluorobenzene		85	70-130
Toluene-d8		84	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
2	8011	8011	1	05/07/2015 1305	MEM	05/06/2015 1153	74145

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.020	0.0049	ug/L	2

Surrogate	Q	Run 2 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		102	57-137

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-MW14**
Date Sampled: **04/27/2015 1528**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-008**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/05/2015 2147	PMM2		74118

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	1.5	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.25	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.21	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	**1634-04-4**	**8260B**	**1.9**		**1.0**	**0.40**	**ug/L**	**1**
Naphthalene	91-20-3	8260B	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	2.3	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		103	70-130
Bromofluorobenzene		104	70-130
Toluene-d8		105	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/05/2015 1259	MEM	05/03/2015 1355	73889

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.019	0.0049	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		68	57-137

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-MW15**
Date Sampled: **04/29/2015 1429**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-009**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	20	05/06/2015 0027	PMM2		74118

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	**75-85-4**	**8260B**	**420**		**400**	**29**	**ug/L**	**1**
tert-Amyl methyl ether (TAME)	**994-05-8**	**8260B**	**32**	**J**	**200**	**5.0**	**ug/L**	**1**
Benzene	**71-43-2**	**8260B**	**450**		**20**	**4.2**	**ug/L**	**1**
tert-Butyl formate (TBF)	762-75-4	8260B	ND		100	13	ug/L	1
1,2-Dichloroethane	**107-06-2**	**8260B**	**16**	**J**	**20**	**2.9**	**ug/L**	**1**
Diisopropyl ether (IPE)	**108-20-3**	**8260B**	**22**		**20**	**8.0**	**ug/L**	**1**
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		400	30	ug/L	1
Ethanol	64-17-5	8260B	ND		2000	390	ug/L	1
Ethylbenzene	**100-41-4**	**8260B**	**580**		**20**	**6.6**	**ug/L**	**1**
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		20	4.0	ug/L	1
Methyl tertiary butyl ether (MTBE)	**1634-04-4**	**8260B**	**260**		**20**	**8.0**	**ug/L**	**1**
Naphthalene	**91-20-3**	**8260B**	**250**		**20**	**8.0**	**ug/L**	**1**
tert-butyl alcohol (TBA)	**75-65-0**	**8260B**	**830**		**400**	**46**	**ug/L**	**1**
Toluene	**108-88-3**	**8260B**	**500**		**20**	**6.6**	**ug/L**	**1**
Xylenes (total)	**1330-20-7**	**8260B**	**2300**		**20**	**6.6**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		105	70-130
Bromofluorobenzene		100	70-130
Toluene-d8		104	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/05/2015 1309	MEM	05/03/2015 1355	73889

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.019	0.0048	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		82	57-137

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-MW16**
Date Sampled: **04/29/2015 1649**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-010**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/05/2015 2210	PMM2		74118

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	**75-85-4**	**8260B**	**39**		**20**	**1.5**	**ug/L**	**1**
tert-Amyl methyl ether (TAME)	**994-05-8**	**8260B**	**3.8**	**J**	**10**	**0.25**	**ug/L**	**1**
Benzene	**71-43-2**	**8260B**	**2.6**		**1.0**	**0.21**	**ug/L**	**1**
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	**107-06-2**	**8260B**	**1.3**		**1.0**	**0.15**	**ug/L**	**1**
Diisopropyl ether (IPE)	**108-20-3**	**8260B**	**5.0**		**1.0**	**0.40**	**ug/L**	**1**
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	**1634-04-4**	**8260B**	**67**		**1.0**	**0.40**	**ug/L**	**1**
Naphthalene	**91-20-3**	**8260B**	**1.6**		**1.0**	**0.40**	**ug/L**	**1**
tert-butyl alcohol (TBA)	**75-65-0**	**8260B**	**50**		**20**	**2.3**	**ug/L**	**1**
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		97	70-130
Bromofluorobenzene		99	70-130
Toluene-d8		101	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/05/2015 1319	MEM	05/03/2015 1355	73889

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.019	0.0049	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		84	57-137

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-MW17**
Date Sampled: **04/29/2015 1630**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-011**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/05/2015 2233	PMM2		74118

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	1.5	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.25	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.21	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		1.0	0.40	ug/L	1
Naphthalene	91-20-3	8260B	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	2.3	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		99	70-130
Bromofluorobenzene		95	70-130
Toluene-d8		95	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/05/2015 1330	MEM	05/03/2015 1355	73889

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.019	0.0049	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		90	57-137

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-MW18**
Date Sampled: **04/29/2015 1612**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-012**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/05/2015 2256	PMM2		74118

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	**75-85-4**	**8260B**	**2.7**	**J**	**20**	**1.5**	**ug/L**	**1**
tert-Amyl methyl ether (TAME)	**994-05-8**	**8260B**	**0.96**	**J**	**10**	**0.25**	**ug/L**	**1**
Benzene	**71-43-2**	**8260B**	**2.4**		**1.0**	**0.21**	**ug/L**	**1**
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
Diisopropyl ether (IPE)	**108-20-3**	**8260B**	**1.4**		**1.0**	**0.40**	**ug/L**	**1**
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	**100-41-4**	**8260B**	**3.1**		**1.0**	**0.33**	**ug/L**	**1**
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	**1634-04-4**	**8260B**	**19**		**1.0**	**0.40**	**ug/L**	**1**
Naphthalene	**91-20-3**	**8260B**	**2.3**		**1.0**	**0.40**	**ug/L**	**1**
tert-butyl alcohol (TBA)	**75-65-0**	**8260B**	**41**		**20**	**2.3**	**ug/L**	**1**
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
Xylenes (total)	**1330-20-7**	**8260B**	**1.6**		**1.0**	**0.33**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		102	70-130
Bromofluorobenzene		99	70-130
Toluene-d8		99	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/05/2015 1340	MEM	05/03/2015 1355	73889

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.020	0.0049	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		84	57-137

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-MW19**
Date Sampled: **04/29/2015 1734**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-013**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	100	05/06/2015 0050	PMM2		74118

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	**75-85-4**	**8260B**	**1500**	**J**	**2000**	**150**	**ug/L**	**1**
tert-Amyl methyl ether (TAME)	**994-05-8**	**8260B**	**480**	**J**	**1000**	**25**	**ug/L**	**1**
Benzene	**71-43-2**	**8260B**	**1800**		**100**	**21**	**ug/L**	**1**
tert-Butyl formate (TBF)	762-75-4	8260B	ND		500	66	ug/L	1
1,2-Dichloroethane	**107-06-2**	**8260B**	**81**	**J**	**100**	**15**	**ug/L**	**1**
Diisopropyl ether (IPE)	**108-20-3**	**8260B**	**230**		**100**	**40**	**ug/L**	**1**
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		2000	150	ug/L	1
Ethanol	64-17-5	8260B	ND		10000	1900	ug/L	1
Ethylbenzene	**100-41-4**	**8260B**	**1900**		**100**	**33**	**ug/L**	**1**
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		100	20	ug/L	1
Methyl tertiary butyl ether (MTBE)	**1634-04-4**	**8260B**	**5600**		**100**	**40**	**ug/L**	**1**
Naphthalene	**91-20-3**	**8260B**	**1700**		**100**	**40**	**ug/L**	**1**
tert-butyl alcohol (TBA)	**75-65-0**	**8260B**	**8600**		**2000**	**230**	**ug/L**	**1**
Toluene	**108-88-3**	**8260B**	**13000**		**100**	**33**	**ug/L**	**1**
Xylenes (total)	**1330-20-7**	**8260B**	**12000**		**100**	**33**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		105	70-130
Bromofluorobenzene		101	70-130
Toluene-d8		106	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
2	8011	8011	20	05/05/2015 1706	MEM	05/03/2015 1355	73889

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	**106-93-4**	**8011**	**14**		**0.39**	**0.099**	**ug/L**	**2**

Surrogate	Q	Run 2 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane	N	0.00	57-137

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-MW20**
Date Sampled: **04/29/2015 1928**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-014**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	200	05/06/2015 0112	PMM2		74118

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	**75-85-4**	**8260B**	**2900**	**J**	**4000**	**290**	**ug/L**	**1**
tert-Amyl methyl ether (TAME)	**994-05-8**	**8260B**	**120**	**J**	**2000**	**50**	**ug/L**	**1**
Benzene	**71-43-2**	**8260B**	**1100**		**200**	**42**	**ug/L**	**1**
tert-Butyl formate (TBF)	762-75-4	8260B	ND		1000	130	ug/L	1
1,2-Dichloroethane	**107-06-2**	**8260B**	**53**	**J**	**200**	**29**	**ug/L**	**1**
Diisopropyl ether (IPE)	**108-20-3**	**8260B**	**80**	**J**	**200**	**80**	**ug/L**	**1**
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		4000	300	ug/L	1
Ethanol	64-17-5	8260B	ND		20000	3900	ug/L	1
Ethylbenzene	**100-41-4**	**8260B**	**2500**		**200**	**66**	**ug/L**	**1**
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		200	40	ug/L	1
Methyl tertiary butyl ether (MTBE)	**1634-04-4**	**8260B**	**1600**		**200**	**80**	**ug/L**	**1**
Naphthalene	**91-20-3**	**8260B**	**1300**		**200**	**80**	**ug/L**	**1**
tert-butyl alcohol (TBA)	**75-65-0**	**8260B**	**9100**		**4000**	**460**	**ug/L**	**1**
Toluene	**108-88-3**	**8260B**	**9100**		**200**	**66**	**ug/L**	**1**
Xylenes (total)	**1330-20-7**	**8260B**	**16000**		**200**	**66**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		110	70-130
Bromofluorobenzene		107	70-130
Toluene-d8		111	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
2	8011	8011	5	05/05/2015 1716	MEM	05/03/2015 1355	73889

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	**106-93-4**	**8011**	**3.3**		**0.097**	**0.024**	**ug/L**	**2**

Surrogate	Q	Run 2 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		113	57-137

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-MW21**
Date Sampled: **04/29/2015 1457**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-015**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/05/2015 2319	PMM2		74118

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	1.5	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.25	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.21	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		1.0	0.40	ug/L	1
Naphthalene	91-20-3	8260B	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	2.3	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		103	70-130
Bromofluorobenzene		101	70-130
Toluene-d8		103	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/05/2015 1411	MEM	05/03/2015 1355	73889

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.019	0.0048	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		65	57-137

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-MW22**
Date Sampled: **04/27/2015 1602**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-016**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/05/2015 2341	PMM2		74118

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	1.5	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.25	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.21	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		1.0	0.40	ug/L	1
Naphthalene	91-20-3	8260B	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	2.3	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		91	70-130
Bromofluorobenzene		88	70-130
Toluene-d8		90	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/05/2015 1421	MEM	05/03/2015 1355	73889

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.019	0.0048	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		83	57-137

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-MW24**
Date Sampled: **04/28/2015 1751**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-017**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	20	05/06/2015 0135	PMM2		74118

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	**75-85-4**	**8260B**	**200**	**J**	**400**	**29**	**ug/L**	**1**
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		200	5.0	ug/L	1
Benzene	**71-43-2**	**8260B**	**24**		**20**	**4.2**	**ug/L**	**1**
tert-Butyl formate (TBF)	762-75-4	8260B	ND		100	13	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		20	2.9	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		20	8.0	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		400	30	ug/L	1
Ethanol	64-17-5	8260B	ND		2000	390	ug/L	1
Ethylbenzene	**100-41-4**	**8260B**	**770**		**20**	**6.6**	**ug/L**	**1**
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		20	4.0	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		20	8.0	ug/L	1
Naphthalene	**91-20-3**	**8260B**	**320**		**20**	**8.0**	**ug/L**	**1**
tert-butyl alcohol (TBA)	**75-65-0**	**8260B**	**52**	**J**	**400**	**46**	**ug/L**	**1**
Toluene	**108-88-3**	**8260B**	**190**		**20**	**6.6**	**ug/L**	**1**
Xylenes (total)	**1330-20-7**	**8260B**	**2900**		**20**	**6.6**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		98	70-130
Bromofluorobenzene		94	70-130
Toluene-d8		98	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/05/2015 1432	MEM	05/03/2015 1355	73889

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.019	0.0048	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		79	57-137

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.** Laboratory ID: **QD30033-018**

Description: **07303-MW25** Matrix: **Aqueous**

Date Sampled: **04/28/2015 1710**

Date Received: **04/30/2015**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	5	05/06/2015 0158	PMM2		74118

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	**75-85-4**	**8260B**	**240**		**100**	**7.3**	**ug/L**	**1**
tert-Amyl methyl ether (TAME)	**994-05-8**	**8260B**	**3.0**	**J**	**50**	**1.3**	**ug/L**	**1**
Benzene	**71-43-2**	**8260B**	**77**		**5.0**	**1.1**	**ug/L**	**1**
tert-Butyl formate (TBF)	762-75-4	8260B	ND		25	3.3	ug/L	1
1,2-Dichloroethane	**107-06-2**	**8260B**	**2.7**	**J**	**5.0**	**0.74**	**ug/L**	**1**
Diisopropyl ether (IPE)	**108-20-3**	**8260B**	**3.0**	**J**	**5.0**	**2.0**	**ug/L**	**1**
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		100	7.5	ug/L	1
Ethanol	64-17-5	8260B	ND		500	96	ug/L	1
Ethylbenzene	**100-41-4**	**8260B**	**180**		**5.0**	**1.7**	**ug/L**	**1**
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		5.0	1.0	ug/L	1
Methyl tertiary butyl ether (MTBE)	**1634-04-4**	**8260B**	**100**		**5.0**	**2.0**	**ug/L**	**1**
Naphthalene	**91-20-3**	**8260B**	**56**		**5.0**	**2.0**	**ug/L**	**1**
tert-butyl alcohol (TBA)	**75-65-0**	**8260B**	**410**		**100**	**11**	**ug/L**	**1**
Toluene	**108-88-3**	**8260B**	**23**		**5.0**	**1.7**	**ug/L**	**1**
Xylenes (total)	**1330-20-7**	**8260B**	**470**		**5.0**	**1.7**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		96	70-130
Bromofluorobenzene		93	70-130
Toluene-d8		96	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/05/2015 1442	MEM	05/03/2015 1355	73889

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.019	0.0049	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		92	57-137

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-MW26**
Date Sampled: **04/29/2015 1139**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-019**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/06/2015 0004	PMM2		74118

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	**75-85-4**	**8260B**	**48**		**20**	**1.5**	**ug/L**	**1**
tert-Amyl methyl ether (TAME)	**994-05-8**	**8260B**	**1.4**	**J**	**10**	**0.25**	**ug/L**	**1**
Benzene	**71-43-2**	**8260B**	**22**		**1.0**	**0.21**	**ug/L**	**1**
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	**107-06-2**	**8260B**	**0.76**	**J**	**1.0**	**0.15**	**ug/L**	**1**
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	**100-41-4**	**8260B**	**53**		**1.0**	**0.33**	**ug/L**	**1**
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	**1634-04-4**	**8260B**	**31**		**1.0**	**0.40**	**ug/L**	**1**
Naphthalene	**91-20-3**	**8260B**	**21**		**1.0**	**0.40**	**ug/L**	**1**
tert-butyl alcohol (TBA)	**75-65-0**	**8260B**	**91**		**20**	**2.3**	**ug/L**	**1**
Toluene	**108-88-3**	**8260B**	**3.7**		**1.0**	**0.33**	**ug/L**	**1**
Xylenes (total)	**1330-20-7**	**8260B**	**110**		**1.0**	**0.33**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		100	70-130
Bromofluorobenzene		98	70-130
Toluene-d8		98	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/05/2015 1452	MEM	05/03/2015 1355	73889

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.019	0.0048	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		98	57-137

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Laboratory ID: **QD30033-020**
Description: **07303-MW27**
Matrix: **Aqueous**
Date Sampled: **04/29/2015 1114**
Date Received: **04/30/2015**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	10	05/06/2015 1741	EH1		74154

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	**75-85-4**	**8260B**	**210**		**200**	**15**	**ug/L**	**1**
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		100	2.5	ug/L	1
Benzene	**71-43-2**	**8260B**	**250**		**10**	**2.1**	**ug/L**	**1**
tert-Butyl formate (TBF)	762-75-4	8260B	ND		50	6.6	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		10	1.5	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		10	4.0	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		200	15	ug/L	1
Ethanol	64-17-5	8260B	ND		1000	190	ug/L	1
Ethylbenzene	**100-41-4**	**8260B**	**880**		**10**	**3.3**	**ug/L**	**1**
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		10	2.0	ug/L	1
Methyl tertiary butyl ether (MTBE)	**1634-04-4**	**8260B**	**98**		**10**	**4.0**	**ug/L**	**1**
Naphthalene	**91-20-3**	**8260B**	**280**		**10**	**4.0**	**ug/L**	**1**
tert-butyl alcohol (TBA)	**75-65-0**	**8260B**	**360**		**200**	**23**	**ug/L**	**1**
Toluene	**108-88-3**	**8260B**	**37**		**10**	**3.3**	**ug/L**	**1**
Xylenes (total)	**1330-20-7**	**8260B**	**1900**		**10**	**3.3**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		89	70-130
Bromofluorobenzene		100	70-130
Toluene-d8		95	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/05/2015 1503	MEM	05/03/2015 1355	73889

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.019	0.0049	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		63	57-137

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-MW28**
Date Sampled: **04/29/2015 0929**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-021**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/06/2015 1042	EH1		74154

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	1.5	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.25	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.21	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	**1634-04-4**	**8260B**	**0.60**	**J**	**1.0**	**0.40**	**ug/L**	**1**
Naphthalene	91-20-3	8260B	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	2.3	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		91	70-130
Bromofluorobenzene		96	70-130
Toluene-d8		98	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/05/2015 1818	MEM	05/03/2015 1355	73890

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.020	0.0049	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		87	57-137

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-MW29**
Date Sampled: **04/29/2015 1514**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-022**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
2	5030B	8260B	5	05/08/2015 1506	PAP		74368

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	**75-85-4**	**8260B**	**46**	**J**	**100**	**7.3**	**ug/L**	**2**
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		50	1.3	ug/L	2
Benzene	**71-43-2**	**8260B**	**10**		**5.0**	**1.1**	**ug/L**	**2**
tert-Butyl formate (TBF)	762-75-4	8260B	ND		25	3.3	ug/L	2
1,2-Dichloroethane	107-06-2	8260B	ND		5.0	0.74	ug/L	2
Diisopropyl ether (IPE)	108-20-3	8260B	ND		5.0	2.0	ug/L	2
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		100	7.5	ug/L	2
Ethanol	64-17-5	8260B	ND		500	96	ug/L	2
Ethylbenzene	**100-41-4**	**8260B**	**52**		**5.0**	**1.7**	**ug/L**	**2**
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		5.0	1.0	ug/L	2
Methyl tertiary butyl ether (MTBE)	**1634-04-4**	**8260B**	**19**		**5.0**	**2.0**	**ug/L**	**2**
Naphthalene	**91-20-3**	**8260B**	**11**		**5.0**	**2.0**	**ug/L**	**2**
tert-butyl alcohol (TBA)	**75-65-0**	**8260B**	**29**	**J**	**100**	**11**	**ug/L**	**2**
Toluene	**108-88-3**	**8260B**	**4.5**	**J**	**5.0**	**1.7**	**ug/L**	**2**
Xylenes (total)	**1330-20-7**	**8260B**	**130**		**5.0**	**1.7**	**ug/L**	**2**

Surrogate	Q	Run 2 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		96	70-130
Bromofluorobenzene		95	70-130
Toluene-d8		99	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/05/2015 1828	MEM	05/03/2015 1355	73890

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.019	0.0048	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		88	57-137

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-MW30**
Date Sampled: **04/29/2015 1529**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-023**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/06/2015 1104	EH1		74154

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	**75-85-4**	**8260B**	**2.0**	**J**	**20**	**1.5**	**ug/L**	**1**
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.25	ug/L	1
Benzene	**71-43-2**	**8260B**	**1.0**		**1.0**	**0.21**	**ug/L**	**1**
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	**1634-04-4**	**8260B**	**5.3**		**1.0**	**0.40**	**ug/L**	**1**
Naphthalene	91-20-3	8260B	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	**75-65-0**	**8260B**	**3.2**	**J**	**20**	**2.3**	**ug/L**	**1**
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		91	70-130
Bromofluorobenzene		96	70-130
Toluene-d8		97	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/05/2015 1839	MEM	05/03/2015 1355	73890

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.020	0.0050	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		137	57-137

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-MW31**
Date Sampled: **04/28/2015 1126**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-024**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/06/2015 1126	EH1		74154

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	1.5	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.25	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.21	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		1.0	0.40	ug/L	1
Naphthalene	91-20-3	8260B	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	2.3	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		93	70-130
Bromofluorobenzene		96	70-130
Toluene-d8		96	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/05/2015 1849	MEM	05/03/2015 1355	73890

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.019	0.0048	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		101	57-137

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-MW32**
Date Sampled: **04/28/2015 1104**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-025**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/06/2015 1204	EH1		74154

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	1.5	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.25	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.21	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		1.0	0.40	ug/L	1
Naphthalene	91-20-3	8260B	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	2.3	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		91	70-130
Bromofluorobenzene		94	70-130
Toluene-d8		97	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/05/2015 1859	MEM	05/03/2015 1355	73890

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.019	0.0048	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		109	57-137

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-MW33**
Date Sampled: **04/28/2015 1045**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-026**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/06/2015 1226	EH1		74154

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	1.5	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.25	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.21	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		1.0	0.40	ug/L	1
Naphthalene	91-20-3	8260B	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	2.3	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		91	70-130
Bromofluorobenzene		96	70-130
Toluene-d8		95	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/05/2015 1910	MEM	05/03/2015 1355	73890

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.019	0.0049	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		93	57-137

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-MW34**
Date Sampled: **04/28/2015 0942**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-027**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/06/2015 1249	EH1		74154

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	1.5	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.25	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.21	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		1.0	0.40	ug/L	1
Naphthalene	91-20-3	8260B	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	2.3	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		91	70-130
Bromofluorobenzene		95	70-130
Toluene-d8		97	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/05/2015 1920	MEM	05/03/2015 1355	73890

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.019	0.0049	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		91	57-137

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-MW35**
Date Sampled: **04/28/2015 0921**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-028**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/06/2015 1311	EH1		74154

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	1.5	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.25	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.21	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		1.0	0.40	ug/L	1
Naphthalene	91-20-3	8260B	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	2.3	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		92	70-130
Bromofluorobenzene		95	70-130
Toluene-d8		96	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/05/2015 1931	MEM	05/03/2015 1355	73890

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.019	0.0049	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		101	57-137

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-MW36**
Date Sampled: **04/27/2015 1727**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-029**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/06/2015 1334	EH1		74154

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	1.5	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.25	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.21	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		1.0	0.40	ug/L	1
Naphthalene	91-20-3	8260B	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	2.3	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		92	70-130
Bromofluorobenzene		95	70-130
Toluene-d8		97	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/05/2015 1941	MEM	05/03/2015 1355	73890

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.019	0.0047	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		90	57-137

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-MW37**
Date Sampled: **04/27/2015 1821**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-030**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/06/2015 1357	EH1		74154

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	1.5	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.25	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.21	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		1.0	0.40	ug/L	1
Naphthalene	91-20-3	8260B	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	2.3	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		91	70-130
Bromofluorobenzene		96	70-130
Toluene-d8		96	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/05/2015 1951	MEM	05/03/2015 1355	73890

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.019	0.0049	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		112	57-137

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-MW38**
Date Sampled: **04/27/2015 1753**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-031**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/06/2015 1419	EH1		74154

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	1.5	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.25	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.21	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		1.0	0.40	ug/L	1
Naphthalene	91-20-3	8260B	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	2.3	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		92	70-130
Bromofluorobenzene		96	70-130
Toluene-d8		94	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/05/2015 2002	MEM	05/03/2015 1355	73890

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.019	0.0048	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		106	57-137

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-MW39**
Date Sampled: **04/28/2015 1727**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-032**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/06/2015 1441	EH1		74154

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	1.5	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.25	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.21	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		1.0	0.40	ug/L	1
Naphthalene	91-20-3	8260B	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	2.3	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		90	70-130
Bromofluorobenzene		95	70-130
Toluene-d8		96	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/05/2015 2012	MEM	05/03/2015 1355	73890

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.019	0.0048	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		92	57-137

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-MW40**
Date Sampled: **04/28/2015 1155**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-033**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/06/2015 1503	EH1		74154

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	1.5	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.25	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.21	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		1.0	0.40	ug/L	1
Naphthalene	91-20-3	8260B	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	2.3	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		92	70-130
Bromofluorobenzene		97	70-130
Toluene-d8		98	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/05/2015 2022	MEM	05/03/2015 1355	73890

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.019	0.0048	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		105	57-137

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-MW41**
Date Sampled: **04/28/2015 1613**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-034**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/06/2015 1526	EH1		74154

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	1.5	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.25	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.21	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		1.0	0.40	ug/L	1
Naphthalene	91-20-3	8260B	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	2.3	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		92	70-130
Bromofluorobenzene		95	70-130
Toluene-d8		95	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/05/2015 2053	MEM	05/03/2015 1355	73890

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.019	0.0048	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		93	57-137

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-MW42**
Date Sampled: **04/28/2015 1231**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-035**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/06/2015 1549	EH1		74154

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	1.5	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.25	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.21	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		1.0	0.40	ug/L	1
Naphthalene	91-20-3	8260B	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	2.3	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		92	70-130
Bromofluorobenzene		95	70-130
Toluene-d8		96	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/05/2015 2104	MEM	05/03/2015 1355	73890

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.019	0.0048	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		111	57-137

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-MW44**
Date Sampled: **04/28/2015 1543**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-036**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/06/2015 1611	EH1		74154

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	1.5	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.25	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.21	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	**1634-04-4**	**8260B**	**1.3**		**1.0**	**0.40**	**ug/L**	**1**
Naphthalene	91-20-3	8260B	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	2.3	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		91	70-130
Bromofluorobenzene		96	70-130
Toluene-d8		95	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/05/2015 2114	MEM	05/03/2015 1355	73890

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.020	0.0049	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		90	57-137

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-MW46**
Date Sampled: **04/28/2015 1505**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-037**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/06/2015 1634	EH1		74154

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	1.5	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.25	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.21	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		1.0	0.40	ug/L	1
Naphthalene	91-20-3	8260B	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	2.3	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		90	70-130
Bromofluorobenzene		95	70-130
Toluene-d8		94	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/05/2015 2124	MEM	05/03/2015 1355	73890

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.019	0.0049	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		96	57-137

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-DW1**
Date Sampled: **04/30/2015 1158**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-038**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/06/2015 1656	EH1		74154

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	**75-85-4**	**8260B**	**20**		**20**	**1.5**	**ug/L**	**1**
tert-Amyl methyl ether (TAME)	**994-05-8**	**8260B**	**2.4**	**J**	**10**	**0.25**	**ug/L**	**1**
Benzene	**71-43-2**	**8260B**	**1.9**		**1.0**	**0.21**	**ug/L**	**1**
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
Diisopropyl ether (IPE)	**108-20-3**	**8260B**	**2.9**		**1.0**	**0.40**	**ug/L**	**1**
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	**1634-04-4**	**8260B**	**63**		**1.0**	**0.40**	**ug/L**	**1**
Naphthalene	91-20-3	8260B	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	**75-65-0**	**8260B**	**29**		**20**	**2.3**	**ug/L**	**1**
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		91	70-130
Bromofluorobenzene		95	70-130
Toluene-d8		93	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/05/2015 2134	MEM	05/03/2015 1355	73890

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.019	0.0048	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		91	57-137

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.** Laboratory ID: **QD30033-039**

Description: **07303-DW2** Matrix: **Aqueous**

Date Sampled: **04/30/2015 1257**

Date Received: **04/30/2015**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/06/2015 1237	EH1		74152

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	**75-85-4**	**8260B**	**12**	**J**	**20**	**1.5**	**ug/L**	**1**
tert-Amyl methyl ether (TAME)	**994-05-8**	**8260B**	**1.8**	**J**	**10**	**0.25**	**ug/L**	**1**
Benzene	**71-43-2**	**8260B**	**1.6**		**1.0**	**0.21**	**ug/L**	**1**
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	**107-06-2**	**8260B**	**0.56**	**J**	**1.0**	**0.15**	**ug/L**	**1**
Diisopropyl ether (IPE)	**108-20-3**	**8260B**	**1.8**		**1.0**	**0.40**	**ug/L**	**1**
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	**1634-04-4**	**8260B**	**38**		**1.0**	**0.40**	**ug/L**	**1**
Naphthalene	91-20-3	8260B	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	**75-65-0**	**8260B**	**21**		**20**	**2.3**	**ug/L**	**1**
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
Xylenes (total)	**1330-20-7**	**8260B**	**0.44**	**J**	**1.0**	**0.33**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		113	70-130
Bromofluorobenzene		110	70-130
Toluene-d8		114	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/05/2015 2145	MEM	05/03/2015 1355	73890

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.020	0.0049	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		92	57-137

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.** Laboratory ID: **QD30033-040**

Description: **07303-DW3** Matrix: **Aqueous**

Date Sampled: **04/30/2015 1429**

Date Received: **04/30/2015**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/06/2015 1300	EH1		74152

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	**75-85-4**	**8260B**	**14**	**J**	**20**	**1.5**	**ug/L**	**1**
tert-Amyl methyl ether (TAME)	**994-05-8**	**8260B**	**2.2**	**J**	**10**	**0.25**	**ug/L**	**1**
Benzene	**71-43-2**	**8260B**	**3.2**		**1.0**	**0.21**	**ug/L**	**1**
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
Diisopropyl ether (IPE)	**108-20-3**	**8260B**	**2.5**		**1.0**	**0.40**	**ug/L**	**1**
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	**100-41-4**	**8260B**	**0.59**	**J**	**1.0**	**0.33**	**ug/L**	**1**
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	**1634-04-4**	**8260B**	**44**		**1.0**	**0.40**	**ug/L**	**1**
Naphthalene	91-20-3	8260B	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	**75-65-0**	**8260B**	**22**		**20**	**2.3**	**ug/L**	**1**
Toluene	**108-88-3**	**8260B**	**2.9**		**1.0**	**0.33**	**ug/L**	**1**
Xylenes (total)	**1330-20-7**	**8260B**	**2.9**		**1.0**	**0.33**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		96	70-130
Bromofluorobenzene		92	70-130
Toluene-d8		95	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/05/2015 2155	MEM	05/03/2015 1355	73890

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.020	0.0049	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		130	57-137

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.** Laboratory ID: **QD30033-041**

Description: **07303-DW5** Matrix: **Aqueous**

Date Sampled: **04/27/2015 1556**

Date Received: **04/30/2015**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/06/2015 1323	EH1		74152

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	1.5	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.25	ug/L	1
Benzene	**71-43-2**	**8260B**	**0.78**	**J**	**1.0**	**0.21**	**ug/L**	**1**
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	**64-17-5**	**8260B**	**37**	**J**	**100**	**19**	**ug/L**	**1**
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	**1634-04-4**	**8260B**	**0.53**	**J**	**1.0**	**0.40**	**ug/L**	**1**
Naphthalene	91-20-3	8260B	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	**75-65-0**	**8260B**	**4.7**	**J**	**20**	**2.3**	**ug/L**	**1**
Toluene	**108-88-3**	**8260B**	**0.57**	**J**	**1.0**	**0.33**	**ug/L**	**1**
Xylenes (total)	**1330-20-7**	**8260B**	**0.67**	**J**	**1.0**	**0.33**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		100	70-130
Bromofluorobenzene		97	70-130
Toluene-d8		101	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/05/2015 2236	MEM	05/03/2015 1355	73891

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.020	0.0049	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		103	57-137

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.** Laboratory ID: **QD30033-042**

Description: **07303-DW6** Matrix: **Aqueous**

Date Sampled: **04/30/2015 1157**

Date Received: **04/30/2015**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/06/2015 1346	EH1		74152

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	1.5	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.25	ug/L	1
Benzene	**71-43-2**	**8260B**	**0.28**	**J**	**1.0**	**0.21**	**ug/L**	**1**
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		1.0	0.40	ug/L	1
Naphthalene	91-20-3	8260B	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	**75-65-0**	**8260B**	**2.6**	**J**	**20**	**2.3**	**ug/L**	**1**
Toluene	**108-88-3**	**8260B**	**0.68**	**J**	**1.0**	**0.33**	**ug/L**	**1**
Xylenes (total)	**1330-20-7**	**8260B**	**0.37**	**J**	**1.0**	**0.33**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		104	70-130
Bromofluorobenzene		102	70-130
Toluene-d8		107	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/05/2015 2246	MEM	05/03/2015 1355	73891

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.019	0.0049	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		104	57-137

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-DW7**
Date Sampled: **04/30/2015 1250**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-043**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/06/2015 1409	EH1		74152

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	1.5	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.25	ug/L	1
Benzene	**71-43-2**	**8260B**	**1.7**		**1.0**	**0.21**	**ug/L**	**1**
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	**1634-04-4**	**8260B**	**3.5**		**1.0**	**0.40**	**ug/L**	**1**
Naphthalene	91-20-3	8260B	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	**75-65-0**	**8260B**	**2.7**	**J**	**20**	**2.3**	**ug/L**	**1**
Toluene	**108-88-3**	**8260B**	**0.36**	**J**	**1.0**	**0.33**	**ug/L**	**1**
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		109	70-130
Bromofluorobenzene		107	70-130
Toluene-d8		111	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/05/2015 2257	MEM	05/03/2015 1355	73891

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.020	0.0049	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane	N	171	57-137

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.** Laboratory ID: **QD30033-044**

Description: **07303-DW9** Matrix: **Aqueous**

Date Sampled: **04/27/2015 1842**

Date Received: **04/30/2015**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/06/2015 1432	EH1		74152

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	1.5	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.25	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.21	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		1.0	0.40	ug/L	1
Naphthalene	91-20-3	8260B	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	2.3	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		93	70-130
Bromofluorobenzene		89	70-130
Toluene-d8		93	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/05/2015 2307	MEM	05/03/2015 1355	73891

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.019	0.0049	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		111	57-137

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-DW10**
Date Sampled: **04/27/2015 1911**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-045**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/06/2015 1455	EH1		74152

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	1.5	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.25	ug/L	1
Benzene	**71-43-2**	**8260B**	**0.31**	**J**	**1.0**	**0.21**	**ug/L**	**1**
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	**1634-04-4**	**8260B**	**0.77**	**J**	**1.0**	**0.40**	**ug/L**	**1**
Naphthalene	91-20-3	8260B	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	2.3	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		103	70-130
Bromofluorobenzene		99	70-130
Toluene-d8		103	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/05/2015 2317	MEM	05/03/2015 1355	73891

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.020	0.0049	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		101	57-137

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.** Laboratory ID: **QD30033-046**

Description: **07303-DW11** Matrix: **Aqueous**

Date Sampled: **04/28/2015 1647**

Date Received: **04/30/2015**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/06/2015 1649	EH1		74152
2	5030B	8260B	5	05/08/2015 1528	PAP		74368

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	**75-85-4**	**8260B**	**310**		**20**	**1.5**	**ug/L**	**1**
tert-Amyl methyl ether (TAME)	**994-05-8**	**8260B**	**14**		**10**	**0.25**	**ug/L**	**1**
Benzene	**71-43-2**	**8260B**	**8.9**		**1.0**	**0.21**	**ug/L**	**1**
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	**107-06-2**	**8260B**	**2.0**		**1.0**	**0.15**	**ug/L**	**1**
Diisopropyl ether (IPE)	**108-20-3**	**8260B**	**15**		**1.0**	**0.40**	**ug/L**	**1**
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	**100-41-4**	**8260B**	**2.2**		**1.0**	**0.33**	**ug/L**	**1**
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	**1634-04-4**	**8260B**	**250**		**5.0**	**2.0**	**ug/L**	**2**
Naphthalene	91-20-3	8260B	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	**75-65-0**	**8260B**	**700**		**20**	**2.3**	**ug/L**	**1**
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
Xylenes (total)	**1330-20-7**	**8260B**	**1.0**		**1.0**	**0.33**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Run 1 Acceptance Limits	Q	Run 2 % Recovery	Run 2 Acceptance Limits
1,2-Dichloroethane-d4		106	70-130		99	70-130
Bromofluorobenzene		104	70-130		93	70-130
Toluene-d8		106	70-130		97	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/05/2015 2328	MEM	05/03/2015 1355	73891

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.020	0.0049	ug/L	1

Surrogate	Q	Run 1 % Recovery	Run 1 Acceptance Limits
1,1,1,2-Tetrachloroethane		102	57-137

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-RW1**
Date Sampled: **04/30/2015 1323**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-047**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	50	05/06/2015 1712	EH1		74152

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	**75-85-4**	**8260B**	**1200**		**1000**	**73**	**ug/L**	**1**
tert-Amyl methyl ether (TAME)	**994-05-8**	**8260B**	**63**	**J**	**500**	**13**	**ug/L**	**1**
Benzene	**71-43-2**	**8260B**	**870**		**50**	**11**	**ug/L**	**1**
tert-Butyl formate (TBF)	762-75-4	8260B	ND		250	33	ug/L	1
1,2-Dichloroethane	**107-06-2**	**8260B**	**30**	**J**	**50**	**7.4**	**ug/L**	**1**
Diisopropyl ether (IPE)	**108-20-3**	**8260B**	**39**	**J**	**50**	**20**	**ug/L**	**1**
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		1000	75	ug/L	1
Ethanol	64-17-5	8260B	ND		5000	960	ug/L	1
Ethylbenzene	**100-41-4**	**8260B**	**1400**		**50**	**17**	**ug/L**	**1**
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		50	10	ug/L	1
Methyl tertiary butyl ether (MTBE)	**1634-04-4**	**8260B**	**970**		**50**	**20**	**ug/L**	**1**
Naphthalene	**91-20-3**	**8260B**	**480**		**50**	**20**	**ug/L**	**1**
tert-butyl alcohol (TBA)	**75-65-0**	**8260B**	**3500**		**1000**	**110**	**ug/L**	**1**
Toluene	**108-88-3**	**8260B**	**6500**		**50**	**17**	**ug/L**	**1**
Xylenes (total)	**1330-20-7**	**8260B**	**7100**		**50**	**17**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		94	70-130
Bromofluorobenzene		91	70-130
Toluene-d8		96	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/05/2015 2338	MEM	05/03/2015 1355	73891

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	**106-93-4**	**8011**	**0.0063**	**JP**	**0.019**	**0.0048**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		83	57-137

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.** Laboratory ID: **QD30033-048**

Description: **07303-RW2** Matrix: **Aqueous**

Date Sampled: **04/30/2015 1345**

Date Received: **04/30/2015**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	50	05/06/2015 1735	EH1		74152
3	5030B	8260B	200	05/12/2015 0105	PMM2		74570

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	**75-85-4**	**8260B**	**2500**		**1000**	**73**	**ug/L**	**1**
tert-Amyl methyl ether (TAME)	**994-05-8**	**8260B**	**84**	**J**	**500**	**13**	**ug/L**	**1**
Benzene	**71-43-2**	**8260B**	**1400**		**50**	**11**	**ug/L**	**1**
tert-Butyl formate (TBF)	762-75-4	8260B	ND		250	33	ug/L	1
1,2-Dichloroethane	**107-06-2**	**8260B**	**45**	**J**	**50**	**7.4**	**ug/L**	**1**
Diisopropyl ether (IPE)	**108-20-3**	**8260B**	**68**		**50**	**20**	**ug/L**	**1**
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		1000	75	ug/L	1
Ethanol	64-17-5	8260B	ND		5000	960	ug/L	1
Ethylbenzene	**100-41-4**	**8260B**	**2500**		**50**	**17**	**ug/L**	**1**
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		50	10	ug/L	1
Methyl tertiary butyl ether (MTBE)	**1634-04-4**	**8260B**	**1600**		**50**	**20**	**ug/L**	**1**
Naphthalene	**91-20-3**	**8260B**	**730**		**50**	**20**	**ug/L**	**1**
tert-butyl alcohol (TBA)	**75-65-0**	**8260B**	**6800**		**1000**	**110**	**ug/L**	**1**
Toluene	**108-88-3**	**8260B**	**10000**		**200**	**66**	**ug/L**	**3**
Xylenes (total)	**1330-20-7**	**8260B**	**11000**		**200**	**66**	**ug/L**	**3**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits	Q	Run 3 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		123	70-130		95	70-130
Bromofluorobenzene		121	70-130		97	70-130
Toluene-d8		128	70-130		100	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/07/2015 1204	MEM	05/03/2015 1355	73891

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	**106-93-4**	**8011**	**0.26**		**0.019**	**0.0049**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		90	57-137

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.** Laboratory ID: **QD30033-049**

Description: **07303-RW3** Matrix: **Aqueous**

Date Sampled: **04/29/2015 1950**

Date Received: **04/30/2015**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	50	05/06/2015 1758	EH1		74152

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	**75-85-4**	**8260B**	**2900**		**1000**	**73**	**ug/L**	**1**
tert-Amyl methyl ether (TAME)	**994-05-8**	**8260B**	**45**	**J**	**500**	**13**	**ug/L**	**1**
Benzene	**71-43-2**	**8260B**	**730**		**50**	**11**	**ug/L**	**1**
tert-Butyl formate (TBF)	762-75-4	8260B	ND		250	33	ug/L	1
1,2-Dichloroethane	**107-06-2**	**8260B**	**24**	**J**	**50**	**7.4**	**ug/L**	**1**
Diisopropyl ether (IPE)	**108-20-3**	**8260B**	**26**	**J**	**50**	**20**	**ug/L**	**1**
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		1000	75	ug/L	1
Ethanol	64-17-5	8260B	ND		5000	960	ug/L	1
Ethylbenzene	**100-41-4**	**8260B**	**2000**		**50**	**17**	**ug/L**	**1**
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		50	10	ug/L	1
Methyl tertiary butyl ether (MTBE)	**1634-04-4**	**8260B**	**550**		**50**	**20**	**ug/L**	**1**
Naphthalene	**91-20-3**	**8260B**	**690**		**50**	**20**	**ug/L**	**1**
tert-butyl alcohol (TBA)	**75-65-0**	**8260B**	**6600**		**1000**	**110**	**ug/L**	**1**
Toluene	**108-88-3**	**8260B**	**1200**		**50**	**17**	**ug/L**	**1**
Xylenes (total)	**1330-20-7**	**8260B**	**7500**		**50**	**17**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		95	70-130
Bromofluorobenzene		93	70-130
Toluene-d8		97	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	5	05/07/2015 0847	MEM	05/03/2015 1355	73891

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	**106-93-4**	**8011**	**4.6**		**0.098**	**0.025**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		106	57-137

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.** Laboratory ID: **QD30033-050**

Description: **07303-RW4** Matrix: **Aqueous**

Date Sampled: **04/30/2015 1327**

Date Received: **04/30/2015**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/06/2015 1518	EH1		74152

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	**75-85-4**	**8260B**	**180**		**20**	**1.5**	**ug/L**	**1**
tert-Amyl methyl ether (TAME)	**994-05-8**	**8260B**	**16**		**10**	**0.25**	**ug/L**	**1**
Benzene	**71-43-2**	**8260B**	**9.0**		**1.0**	**0.21**	**ug/L**	**1**
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	**107-06-2**	**8260B**	**1.9**		**1.0**	**0.15**	**ug/L**	**1**
Diisopropyl ether (IPE)	**108-20-3**	**8260B**	**9.3**		**1.0**	**0.40**	**ug/L**	**1**
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	**100-41-4**	**8260B**	**0.95**	**J**	**1.0**	**0.33**	**ug/L**	**1**
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	**1634-04-4**	**8260B**	**200**		**1.0**	**0.40**	**ug/L**	**1**
Naphthalene	**91-20-3**	**8260B**	**0.96**	**J**	**1.0**	**0.40**	**ug/L**	**1**
tert-butyl alcohol (TBA)	**75-65-0**	**8260B**	**490**		**20**	**2.3**	**ug/L**	**1**
Toluene	**108-88-3**	**8260B**	**8.0**		**1.0**	**0.33**	**ug/L**	**1**
Xylenes (total)	**1330-20-7**	**8260B**	**16**		**1.0**	**0.33**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		96	70-130
Bromofluorobenzene		93	70-130
Toluene-d8		97	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/07/2015 0857	MEM	05/03/2015 1355	73891

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	**106-93-4**	**8011**	**0.36**		**0.019**	**0.0049**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		92	57-137

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-SW1**
Date Sampled: **04/28/2015 1320**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-051**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/06/2015 1541	EH1		74152

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	**75-85-4**	**8260B**	**4.4**	**J**	**20**	**1.5**	**ug/L**	**1**
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.25	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.21	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	**1634-04-4**	**8260B**	**4.7**		**1.0**	**0.40**	**ug/L**	**1**
Naphthalene	91-20-3	8260B	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	**75-65-0**	**8260B**	**11**	**J**	**20**	**2.3**	**ug/L**	**1**
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		105	70-130
Bromofluorobenzene		100	70-130
Toluene-d8		105	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/06/2015 0019	MEM	05/03/2015 1355	73891

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.020	0.0049	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		121	57-137

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-SW2**
Date Sampled: **04/28/2015 1340**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-052**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/06/2015 1604	EH1		74152

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	**75-85-4**	**8260B**	**3.4**	**J**	**20**	**1.5**	**ug/L**	**1**
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.25	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.21	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	**1634-04-4**	**8260B**	**4.2**		**1.0**	**0.40**	**ug/L**	**1**
Naphthalene	91-20-3	8260B	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	**75-65-0**	**8260B**	**7.6**	**J**	**20**	**2.3**	**ug/L**	**1**
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		95	70-130
Bromofluorobenzene		93	70-130
Toluene-d8		97	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/06/2015 0029	MEM	05/03/2015 1355	73891

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.019	0.0049	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		124	57-137

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-MW46DUP**
Date Sampled: **04/28/2015 1507**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-053**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/06/2015 1718	EH1		74154

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	1.5	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.25	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.21	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		1.0	0.40	ug/L	1
Naphthalene	91-20-3	8260B	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	2.3	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		91	70-130
Bromofluorobenzene		96	70-130
Toluene-d8		96	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/06/2015 0040	MEM	05/03/2015 1355	73891

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.020	0.0049	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		96	57-137

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-MW19DUP**
Date Sampled: **04/29/2015 1736**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-054**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	100	05/06/2015 1821	EH1		74152

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	**75-85-4**	**8260B**	**1400**	**J**	**2000**	**150**	**ug/L**	**1**
tert-Amyl methyl ether (TAME)	**994-05-8**	**8260B**	**420**	**J**	**1000**	**25**	**ug/L**	**1**
Benzene	**71-43-2**	**8260B**	**1600**		**100**	**21**	**ug/L**	**1**
tert-Butyl formate (TBF)	762-75-4	8260B	ND		500	66	ug/L	1
1,2-Dichloroethane	**107-06-2**	**8260B**	**73**	**J**	**100**	**15**	**ug/L**	**1**
Diisopropyl ether (IPE)	**108-20-3**	**8260B**	**210**		**100**	**40**	**ug/L**	**1**
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		2000	150	ug/L	1
Ethanol	64-17-5	8260B	ND		10000	1900	ug/L	1
Ethylbenzene	**100-41-4**	**8260B**	**1700**		**100**	**33**	**ug/L**	**1**
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		100	20	ug/L	1
Methyl tertiary butyl ether (MTBE)	**1634-04-4**	**8260B**	**5200**		**100**	**40**	**ug/L**	**1**
Naphthalene	**91-20-3**	**8260B**	**1600**		**100**	**40**	**ug/L**	**1**
tert-butyl alcohol (TBA)	**75-65-0**	**8260B**	**7600**		**2000**	**230**	**ug/L**	**1**
Toluene	**108-88-3**	**8260B**	**12000**		**100**	**33**	**ug/L**	**1**
Xylenes (total)	**1330-20-7**	**8260B**	**10000**		**100**	**33**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		99	70-130
Bromofluorobenzene		94	70-130
Toluene-d8		100	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	20	05/07/2015 1153	MEM	05/03/2015 1355	73891

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	**106-93-4**	**8011**	**11**		**0.40**	**0.099**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		77	57-137

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-DW3DUP**
Date Sampled: **04/30/2015 1431**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-055**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/06/2015 1627	EH1		74152

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	**75-85-4**	**8260B**	**18**	**J**	**20**	**1.5**	**ug/L**	**1**
tert-Amyl methyl ether (TAME)	**994-05-8**	**8260B**	**2.6**	**J**	**10**	**0.25**	**ug/L**	**1**
Benzene	**71-43-2**	**8260B**	**4.1**		**1.0**	**0.21**	**ug/L**	**1**
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	**107-06-2**	**8260B**	**0.67**	**J**	**1.0**	**0.15**	**ug/L**	**1**
Diisopropyl ether (IPE)	**108-20-3**	**8260B**	**3.3**		**1.0**	**0.40**	**ug/L**	**1**
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	**100-41-4**	**8260B**	**0.79**	**J**	**1.0**	**0.33**	**ug/L**	**1**
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	**1634-04-4**	**8260B**	**56**		**1.0**	**0.40**	**ug/L**	**1**
Naphthalene	91-20-3	8260B	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	**75-65-0**	**8260B**	**28**		**20**	**2.3**	**ug/L**	**1**
Toluene	**108-88-3**	**8260B**	**3.9**		**1.0**	**0.33**	**ug/L**	**1**
Xylenes (total)	**1330-20-7**	**8260B**	**3.8**		**1.0**	**0.33**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		122	70-130
Bromofluorobenzene		114	70-130
Toluene-d8		121	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/06/2015 0100	MEM	05/03/2015 1355	73891

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.019	0.0048	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		67	57-137

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-FB1**
Date Sampled: **04/27/2015 1300**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-056**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/06/2015 1106	EH1		74152

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	1.5	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.25	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.21	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		1.0	0.40	ug/L	1
Naphthalene	91-20-3	8260B	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	2.3	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		96	70-130
Bromofluorobenzene		93	70-130
Toluene-d8		92	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/06/2015 0131	MEM	05/03/2015 1355	73891

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.020	0.0049	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		112	57-137

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-FB2**
Date Sampled: **04/28/2015 0845**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-057**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/06/2015 1129	EH1		74152

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	1.5	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.25	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.21	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		1.0	0.40	ug/L	1
Naphthalene	91-20-3	8260B	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	2.3	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		126	70-130
Bromofluorobenzene		118	70-130
Toluene-d8		124	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/06/2015 0142	MEM	05/03/2015 1355	73891

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.020	0.0049	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		104	57-137

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-FB3**
Date Sampled: **04/29/2015 0845**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-058**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/06/2015 1152	EH1		74152

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	1.5	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.25	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.21	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		1.0	0.40	ug/L	1
Naphthalene	91-20-3	8260B	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	2.3	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		102	70-130
Bromofluorobenzene		96	70-130
Toluene-d8		100	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/06/2015 0152	MEM	05/03/2015 1355	73891

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.020	0.0049	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		109	57-137

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.** Laboratory ID: **QD30033-059**

Description: **07303-FB4** Matrix: **Aqueous**

Date Sampled: **04/30/2015 1050**

Date Received: **04/30/2015**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/06/2015 1215	EH1		74152

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	1.5	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.25	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.21	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		1.0	0.40	ug/L	1
Naphthalene	91-20-3	8260B	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	2.3	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		92	70-130
Bromofluorobenzene		90	70-130
Toluene-d8		94	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/06/2015 0202	MEM	05/03/2015 1355	73891

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.020	0.0049	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		116	57-137

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-TB1**
Date Sampled: **04/27/2015**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-060**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/06/2015 2143	PMM2		74217

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	1.5	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.25	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.21	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		1.0	0.40	ug/L	1
Naphthalene	91-20-3	8260B	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	2.3	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		89	70-130
Bromofluorobenzene		95	70-130
Toluene-d8		92	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **Terry Environmental Services, Inc.**
Description: **07303-TB2**
Date Sampled: **04/29/2015**
Date Received: **04/30/2015**

Laboratory ID: **QD30033-061**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	05/06/2015 2206	PMM2		74217

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	1.5	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.25	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.21	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	0.66	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	1.5	ug/L	1
Ethanol	64-17-5	8260B	ND		100	19	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		1.0	0.40	ug/L	1
Naphthalene	91-20-3	8260B	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	2.3	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		89	70-130
Bromofluorobenzene		97	70-130
Toluene-d8		94	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

QC Summary

Volatile Organic Compounds by GC/MS - MB

Sample ID: QQ74118-001
Batch: 74118
Analytical Method: 8260B
Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
tert-Amyl alcohol (TAA)	ND		1	20	1.5	ug/L	05/05/2015 2042
tert-Amyl methyl ether (TAME)	ND		1	10	0.25	ug/L	05/05/2015 2042
Benzene	ND		1	1.0	0.21	ug/L	05/05/2015 2042
tert-Butyl formate (TBF)	ND		1	5.0	0.66	ug/L	05/05/2015 2042
1,2-Dichloroethane	ND		1	1.0	0.15	ug/L	05/05/2015 2042
Diisopropyl ether (IPE)	ND		1	1.0	0.40	ug/L	05/05/2015 2042
3,3-Dimethyl-1-butanol	ND		1	20	1.5	ug/L	05/05/2015 2042
Ethanol	ND		1	100	19	ug/L	05/05/2015 2042
Ethylbenzene	ND		1	1.0	0.33	ug/L	05/05/2015 2042
Ethyl-tert-butyl ether (ETBE)	ND		1	1.0	0.20	ug/L	05/05/2015 2042
Methyl tertiary butyl ether (MTBE)	ND		1	1.0	0.40	ug/L	05/05/2015 2042
Naphthalene	ND		1	1.0	0.40	ug/L	05/05/2015 2042
tert-butyl alcohol (TBA)	ND		1	20	2.3	ug/L	05/05/2015 2042
Toluene	ND		1	1.0	0.33	ug/L	05/05/2015 2042
Xylenes (total)	ND		1	1.0	0.33	ug/L	05/05/2015 2042

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		102	70-130
1,2-Dichloroethane-d4		103	70-130
Toluene-d8		105	70-130

Volatile Organic Compounds by GC/MS - LCS

Sample ID: QQ74118-002
Batch: 74118
Analytical Method: 8260B
Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
tert-Amyl alcohol (TAA)	1000	1100		1	111	70-130	05/05/2015 1957
tert-Amyl methyl ether (TAME)	50	53		1	107	70-130	05/05/2015 1957
Benzene	50	50		1	100	70-130	05/05/2015 1957
tert-Butyl formate (TBF)	250	300		1	119	70-130	05/05/2015 1957
1,2-Dichloroethane	50	56		1	111	70-130	05/05/2015 1957
Diisopropyl ether (IPE)	50	52		1	105	70-130	05/05/2015 1957
3,3-Dimethyl-1-butanol	1000	1100		1	114	70-130	05/05/2015 1957
Ethanol	5000	6000		1	121	60-140	05/05/2015 1957
Ethylbenzene	50	54		1	109	70-130	05/05/2015 1957
Ethyl-tert-butyl ether (ETBE)	50	56		1	112	70-130	05/05/2015 1957
Methyl tertiary butyl ether (MTBE)	50	54		1	108	70-130	05/05/2015 1957

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: QQ74118-002
Batch: 74118
Analytical Method: 8260B
Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Naphthalene	50	57		1	115	70-130	05/05/2015 1957
tert-butyl alcohol (TBA)	1000	1100		1	113	70-130	05/05/2015 1957
Toluene	50	53		1	107	70-130	05/05/2015 1957
Xylenes (total)	100	110		1	108	70-130	05/05/2015 1957

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		107	70-130
1,2-Dichloroethane-d4		103	70-130
Toluene-d8		109	70-130

Volatile Organic Compounds by GC/MS - MS

Sample ID: QD30033-018MS
Batch: 74118
Analytical Method: 8260B
Matrix: Aqueous
Prep Method: 5030B

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
tert-Amyl alcohol (TAA)	240	5000	6000		5	115	70-130	05/06/2015 0221
tert-Amyl methyl ether (TAME)	3.0	250	280		5	113	70-130	05/06/2015 0221
Benzene	77	250	370		5	116	72-127	05/06/2015 0221
tert-Butyl formate (TBF)	ND	1300	660	N	5	53	70-130	05/06/2015 0221
1,2-Dichloroethane	2.7	250	310		5	124	59-143	05/06/2015 0221
Diisopropyl ether (IPE)	3.0	250	290		5	115	70-130	05/06/2015 0221
3,3-Dimethyl-1-butanol	ND	5000	5700		5	115	70-130	05/06/2015 0221
Ethanol	ND	25000	29000		5	117	70-130	05/06/2015 0221
Ethylbenzene	180	250	520	N	5	135	79-132	05/06/2015 0221
Ethyl-tert-butyl ether (ETBE)	ND	250	310		5	122	70-130	05/06/2015 0221
Methyl tertiary butyl ether (MTBE)	100	250	410		5	121	60-140	05/06/2015 0221
Naphthalene	56	250	320		5	107	62-136	05/06/2015 0221
tert-butyl alcohol (TBA)	410	5000	6700		5	126	70-130	05/06/2015 0221
Toluene	23	250	330		5	121	75-125	05/06/2015 0221
Xylenes (total)	470	500	1200	N	5	141	70-130	05/06/2015 0221

Surrogate	Q	% Rec	Acceptance Limit
1,2-Dichloroethane-d4		111	70-130
Bromofluorobenzene		110	70-130
Toluene-d8		115	70-130

PQL = Practical quantitation limit
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
+ = RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MSD

Sample ID: QD30033-018MD
Batch: 74118
Analytical Method: 8260B
Matrix: Aqueous
Prep Method: 5030B

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
tert-Amyl alcohol (TAA)	240	5000	5400		5	103	11	70-130	20	05/06/2015 0244
tert-Amyl methyl ether (TAME)	3.0	250	250		5	100	12	70-130	20	05/06/2015 0244
Benzene	77	250	320		5	97	14	72-127	20	05/06/2015 0244
tert-Butyl formate (TBF)	ND	1300	550	N	5	44	19	70-130	20	05/06/2015 0244
1,2-Dichloroethane	2.7	250	280		5	109	13	59-143	20	05/06/2015 0244
Diisopropyl ether (IPE)	3.0	250	260		5	103	11	70-130	20	05/06/2015 0244
3,3-Dimethyl-1-butanol	ND	5000	5100		5	101	13	70-130	20	05/06/2015 0244
Ethanol	ND	25000	27000		5	109	7.0	70-130	20	05/06/2015 0244
Ethylbenzene	180	250	450		5	108	14	79-132	20	05/06/2015 0244
Ethyl-tert-butyl ether (ETBE)	ND	250	280		5	111	9.9	70-130	20	05/06/2015 0244
Methyl tertiary butyl ether (MTBE)	100	250	370		5	107	9.1	60-140	20	05/06/2015 0244
Naphthalene	56	250	290		5	92	12	62-136	20	05/06/2015 0244
tert-butyl alcohol (TBA)	410	5000	6100		5	115	8.4	70-130	20	05/06/2015 0244
Toluene	23	250	290		5	107	12	75-125	20	05/06/2015 0244
Xylenes (total)	470	500	1000		5	107	15	70-130	20	05/06/2015 0244

Surrogate	Q	% Rec	Acceptance Limit
1,2-Dichloroethane-d4		97	70-130
Bromofluorobenzene		96	70-130
Toluene-d8		100	70-130

Volatile Organic Compounds by GC/MS - MB

Sample ID: QQ74120-001
Batch: 74120
Analytical Method: 8260B
Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
tert-Amyl alcohol (TAA)	ND		1	20	1.5	ug/L	05/05/2015 2027
tert-Amyl methyl ether (TAME)	ND		1	10	0.25	ug/L	05/05/2015 2027
Benzene	ND		1	1.0	0.21	ug/L	05/05/2015 2027
tert-Butyl formate (TBF)	ND		1	5.0	0.66	ug/L	05/05/2015 2027
1,2-Dichloroethane	ND		1	1.0	0.15	ug/L	05/05/2015 2027
Diisopropyl ether (IPE)	ND		1	1.0	0.40	ug/L	05/05/2015 2027
3,3-Dimethyl-1-butanol	ND		1	20	1.5	ug/L	05/05/2015 2027
Ethanol	ND		1	100	19	ug/L	05/05/2015 2027
Ethylbenzene	ND		1	1.0	0.33	ug/L	05/05/2015 2027
Ethyl-tert-butyl ether (ETBE)	ND		1	1.0	0.20	ug/L	05/05/2015 2027
Methyl tertiary butyl ether (MTBE)	ND		1	1.0	0.40	ug/L	05/05/2015 2027

PQL = Practical quantitation limit
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
+ = RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: QQ74120-001
Batch: 74120
Analytical Method: 8260B
Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Naphthalene	ND		1	1.0	0.40	ug/L	05/05/2015 2027
tert-butyl alcohol (TBA)	ND		1	20	2.3	ug/L	05/05/2015 2027
Toluene	ND		1	1.0	0.33	ug/L	05/05/2015 2027
Xylenes (total)	ND		1	1.0	0.33	ug/L	05/05/2015 2027

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		95	70-130
1,2-Dichloroethane-d4		91	70-130
Toluene-d8		98	70-130

Volatile Organic Compounds by GC/MS - LCS

Sample ID: QQ74120-002
Batch: 74120
Analytical Method: 8260B
Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
tert-Amyl alcohol (TAA)	1000	910		1	91	70-130	05/05/2015 1942
tert-Amyl methyl ether (TAME)	50	48		1	96	70-130	05/05/2015 1942
Benzene	50	50		1	99	70-130	05/05/2015 1942
tert-Butyl formate (TBF)	250	210		1	82	70-130	05/05/2015 1942
1,2-Dichloroethane	50	53		1	105	70-130	05/05/2015 1942
Diisopropyl ether (IPE)	50	48		1	97	70-130	05/05/2015 1942
3,3-Dimethyl-1-butanol	1000	1000		1	100	70-130	05/05/2015 1942
Ethanol	5000	4900		1	99	60-140	05/05/2015 1942
Ethylbenzene	50	50		1	100	70-130	05/05/2015 1942
Ethyl-tert-butyl ether (ETBE)	50	49		1	97	70-130	05/05/2015 1942
Methyl tertiary butyl ether (MTBE)	50	49		1	98	70-130	05/05/2015 1942
Naphthalene	50	46		1	92	70-130	05/05/2015 1942
tert-butyl alcohol (TBA)	1000	920		1	92	70-130	05/05/2015 1942
Toluene	50	50		1	99	70-130	05/05/2015 1942
Xylenes (total)	100	98		1	98	70-130	05/05/2015 1942

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		97	70-130
1,2-Dichloroethane-d4		90	70-130
Toluene-d8		98	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MS

Sample ID: QD30033-004MS
Batch: 74120
Analytical Method: 8260B
Matrix: Aqueous
Prep Method: 5030B

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
tert-Amyl alcohol (TAA)	780	100000	89000		100	88	70-130	05/06/2015 0433
tert-Amyl methyl ether (TAME)	46	5000	4800		100	96	70-130	05/06/2015 0433
Benzene	1200	5000	6600		100	110	72-127	05/06/2015 0433
tert-Butyl formate (TBF)	ND	25000	18000		100	71	70-130	05/06/2015 0433
1,2-Dichloroethane	ND	5000	5600		100	111	59-143	05/06/2015 0433
Diisopropyl ether (IPE)	ND	5000	5000		100	101	70-130	05/06/2015 0433
3,3-Dimethyl-1-butanol	ND	100000	99000		100	99	70-130	05/06/2015 0433
Ethanol	ND	500000	490000		100	98	70-130	05/06/2015 0433
Ethylbenzene	2100	5000	7800		100	114	79-132	05/06/2015 0433
Ethyl-tert-butyl ether (ETBE)	ND	5000	4900		100	99	70-130	05/06/2015 0433
Methyl tertiary butyl ether (MTBE)	810	5000	5500		100	94	60-140	05/06/2015 0433
Naphthalene	1200	5000	5700		100	90	62-136	05/06/2015 0433
tert-butyl alcohol (TBA)	3100	100000	94000		100	91	70-130	05/06/2015 0433
Toluene	8700	5000	14000		100	114	75-125	05/06/2015 0433
Xylenes (total)	14000	10000	25000		100	114	70-130	05/06/2015 0433

Surrogate	Q	% Rec	Acceptance Limit
1,2-Dichloroethane-d4		92	70-130
Bromofluorobenzene		99	70-130
Toluene-d8		99	70-130

Volatile Organic Compounds by GC/MS - MSD

Sample ID: QD30033-004MD
Batch: 74120
Analytical Method: 8260B
Matrix: Aqueous
Prep Method: 5030B

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
tert-Amyl alcohol (TAA)	780	100000	93000		100	92	4.4	70-130	20	05/06/2015 0456
tert-Amyl methyl ether (TAME)	46	5000	5100		100	100	4.5	70-130	20	05/06/2015 0456
Benzene	1200	5000	6800		100	112	1.8	72-127	20	05/06/2015 0456
tert-Butyl formate (TBF)	ND	25000	19000		100	75	5.7	70-130	20	05/06/2015 0456
1,2-Dichloroethane	ND	5000	5700		100	113	1.6	59-143	20	05/06/2015 0456
Diisopropyl ether (IPE)	ND	5000	5100		100	103	2.2	70-130	20	05/06/2015 0456
3,3-Dimethyl-1-butanol	ND	100000	100000		100	103	3.4	70-130	20	05/06/2015 0456
Ethanol	ND	500000	520000		100	103	5.5	70-130	20	05/06/2015 0456
Ethylbenzene	2100	5000	7900		100	116	1.8	79-132	20	05/06/2015 0456
Ethyl-tert-butyl ether (ETBE)	ND	5000	5100		100	102	3.6	70-130	20	05/06/2015 0456
Methyl tertiary butyl ether (MTBE)	810	5000	5900		100	103	7.8	60-140	20	05/06/2015 0456

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MSD

Sample ID: QD30033-004MD
Batch: 74120
Analytical Method: 8260B
Matrix: Aqueous
Prep Method: 5030B

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Naphthalene	1200	5000	6100		100	98	7.4	62-136	20	05/06/2015 0456
tert-butyl alcohol (TBA)	3100	100000	98000		100	95	4.3	70-130	20	05/06/2015 0456
Toluene	8700	5000	14000		100	110	1.4	75-125	20	05/06/2015 0456
Xylenes (total)	14000	10000	25000		100	111	1.1	70-130	20	05/06/2015 0456

Surrogate	Q	% Rec	Acceptance Limit
1,2-Dichloroethane-d4		90	70-130
Bromofluorobenzene		100	70-130
Toluene-d8		97	70-130

Volatile Organic Compounds by GC/MS - MB

Sample ID: QQ74152-001
Batch: 74152
Analytical Method: 8260B
Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
tert-Amyl alcohol (TAA)	ND		1	20	1.5	ug/L	05/06/2015 1033
tert-Amyl methyl ether (TAME)	ND		1	10	0.25	ug/L	05/06/2015 1033
Benzene	ND		1	1.0	0.21	ug/L	05/06/2015 1033
tert-Butyl formate (TBF)	ND		1	5.0	0.66	ug/L	05/06/2015 1033
1,2-Dichloroethane	ND		1	1.0	0.15	ug/L	05/06/2015 1033
Diisopropyl ether (IPE)	ND		1	1.0	0.40	ug/L	05/06/2015 1033
3,3-Dimethyl-1-butanol	ND		1	20	1.5	ug/L	05/06/2015 1033
Ethanol	ND		1	100	19	ug/L	05/06/2015 1033
Ethylbenzene	ND		1	1.0	0.33	ug/L	05/06/2015 1033
Ethyl-tert-butyl ether (ETBE)	ND		1	1.0	0.20	ug/L	05/06/2015 1033
Methyl tertiary butyl ether (MTBE)	ND		1	1.0	0.40	ug/L	05/06/2015 1033
Naphthalene	ND		1	1.0	0.40	ug/L	05/06/2015 1033
tert-butyl alcohol (TBA)	ND		1	20	2.3	ug/L	05/06/2015 1033
Toluene	ND		1	1.0	0.33	ug/L	05/06/2015 1033
Xylenes (total)	ND		1	1.0	0.33	ug/L	05/06/2015 1033

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		109	70-130
1,2-Dichloroethane-d4		114	70-130
Toluene-d8		115	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: QQ74152-002
Batch: 74152
Analytical Method: 8260B
Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
tert-Amyl alcohol (TAA)	1000	1100		1	112	70-130	05/06/2015 0948
tert-Amyl methyl ether (TAME)	50	57		1	115	70-130	05/06/2015 0948
Benzene	50	54		1	108	70-130	05/06/2015 0948
tert-Butyl formate (TBF)	250	320		1	129	70-130	05/06/2015 0948
1,2-Dichloroethane	50	63		1	127	70-130	05/06/2015 0948
Diisopropyl ether (IPE)	50	57		1	113	70-130	05/06/2015 0948
3,3-Dimethyl-1-butanol	1000	1200		1	116	70-130	05/06/2015 0948
Ethanol	5000	6000		1	120	60-140	05/06/2015 0948
Ethylbenzene	50	59		1	117	70-130	05/06/2015 0948
Ethyl-tert-butyl ether (ETBE)	50	60		1	120	70-130	05/06/2015 0948
Methyl tertiary butyl ether (MTBE)	50	59		1	118	70-130	05/06/2015 0948
Naphthalene	50	56		1	111	70-130	05/06/2015 0948
tert-butyl alcohol (TBA)	1000	1100		1	113	70-130	05/06/2015 0948
Toluene	50	58		1	116	70-130	05/06/2015 0948
Xylenes (total)	100	120		1	116	70-130	05/06/2015 0948

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		112	70-130
1,2-Dichloroethane-d4		114	70-130
Toluene-d8		112	70-130

Volatile Organic Compounds by GC/MS - MS

Sample ID: QD30033-049MS
Batch: 74152
Analytical Method: 8260B
Matrix: Aqueous
Prep Method: 5030B

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
tert-Amyl alcohol (TAA)	2900	50000	55000		50	104	70-130	05/06/2015 1844
tert-Amyl methyl ether (TAME)	45	2500	2700		50	107	70-130	05/06/2015 1844
Benzene	730	2500	3400		50	106	72-127	05/06/2015 1844
tert-Butyl formate (TBF)	ND	13000	13000		50	103	70-130	05/06/2015 1844
1,2-Dichloroethane	24	2500	2900		50	116	59-143	05/06/2015 1844
Diisopropyl ether (IPE)	26	2500	2800		50	109	70-130	05/06/2015 1844
3,3-Dimethyl-1-butanol	ND	50000	51000		50	102	70-130	05/06/2015 1844
Ethanol	ND	250000	270000		50	107	70-130	05/06/2015 1844
Ethylbenzene	2000	2500	5000		50	121	79-132	05/06/2015 1844
Ethyl-tert-butyl ether (ETBE)	ND	2500	2800		50	114	70-130	05/06/2015 1844
Methyl tertiary butyl ether (MTBE)	550	2500	3300		50	110	60-140	05/06/2015 1844

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MS

Sample ID: QD30033-049MS
Batch: 74152
Analytical Method: 8260B
Matrix: Aqueous
Prep Method: 5030B

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Naphthalene	690	2500	3100		50	97	62-136	05/06/2015 1844
tert-butyl alcohol (TBA)	6600	50000	60000		50	107	70-130	05/06/2015 1844
Toluene	1200	2500	4200		50	119	75-125	05/06/2015 1844
Xylenes (total)	7500	5000	14000		50	122	70-130	05/06/2015 1844

Surrogate	Q	% Rec	Acceptance Limit
1,2-Dichloroethane-d4		99	70-130
Bromofluorobenzene		99	70-130
Toluene-d8		104	70-130

Volatile Organic Compounds by GC/MS - MSD

Sample ID: QD30033-049MD
Batch: 74152
Analytical Method: 8260B
Matrix: Aqueous
Prep Method: 5030B

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
tert-Amyl alcohol (TAA)	2900	50000	47000		50	88	15	70-130	20	05/06/2015 1907
tert-Amyl methyl ether (TAME)	45	2500	2300		50	89	18	70-130	20	05/06/2015 1907
Benzene	730	2500	3000		50	89	14	72-127	20	05/06/2015 1907
tert-Butyl formate (TBF)	ND	13000	11000		50	88	15	70-130	20	05/06/2015 1907
1,2-Dichloroethane	24	2500	2500		50	100	15	59-143	20	05/06/2015 1907
Diisopropyl ether (IPE)	26	2500	2400		50	94	15	70-130	20	05/06/2015 1907
3,3-Dimethyl-1-butanol	ND	50000	44000		50	88	15	70-130	20	05/06/2015 1907
Ethanol	ND	250000	230000		50	91	15	70-130	20	05/06/2015 1907
Ethylbenzene	2000	2500	4400		50	96	13	79-132	20	05/06/2015 1907
Ethyl-tert-butyl ether (ETBE)	ND	2500	2500		50	100	13	70-130	20	05/06/2015 1907
Methyl tertiary butyl ether (MTBE)	550	2500	2900		50	94	13	60-140	20	05/06/2015 1907
Naphthalene	690	2500	2700		50	82	13	62-136	20	05/06/2015 1907
tert-butyl alcohol (TBA)	6600	50000	51000		50	89	16	70-130	20	05/06/2015 1907
Toluene	1200	2500	3700		50	99	13	75-125	20	05/06/2015 1907
Xylenes (total)	7500	5000	12000		50	90	12	70-130	20	05/06/2015 1907

Surrogate	Q	% Rec	Acceptance Limit
1,2-Dichloroethane-d4		90	70-130
Bromofluorobenzene		89	70-130
Toluene-d8		95	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: QQ74154-001
Batch: 74154
Analytical Method: 8260B
Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
tert-Amyl alcohol (TAA)	ND		1	20	1.5	ug/L	05/06/2015 1009
tert-Amyl methyl ether (TAME)	ND		1	10	0.25	ug/L	05/06/2015 1009
Benzene	ND		1	1.0	0.21	ug/L	05/06/2015 1009
tert-Butyl formate (TBF)	ND		1	5.0	0.66	ug/L	05/06/2015 1009
1,2-Dichloroethane	ND		1	1.0	0.15	ug/L	05/06/2015 1009
Diisopropyl ether (IPE)	ND		1	1.0	0.40	ug/L	05/06/2015 1009
3,3-Dimethyl-1-butanol	ND		1	20	1.5	ug/L	05/06/2015 1009
Ethanol	ND		1	100	19	ug/L	05/06/2015 1009
Ethylbenzene	ND		1	1.0	0.33	ug/L	05/06/2015 1009
Ethyl-tert-butyl ether (ETBE)	ND		1	1.0	0.20	ug/L	05/06/2015 1009
Methyl tertiary butyl ether (MTBE)	ND		1	1.0	0.40	ug/L	05/06/2015 1009
Naphthalene	ND		1	1.0	0.40	ug/L	05/06/2015 1009
tert-butyl alcohol (TBA)	ND		1	20	2.3	ug/L	05/06/2015 1009
Toluene	ND		1	1.0	0.33	ug/L	05/06/2015 1009
Xylenes (total)	ND		1	1.0	0.33	ug/L	05/06/2015 1009

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		97	70-130
1,2-Dichloroethane-d4		92	70-130
Toluene-d8		99	70-130

Volatile Organic Compounds by GC/MS - LCS

Sample ID: QQ74154-002
Batch: 74154
Analytical Method: 8260B
Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
tert-Amyl alcohol (TAA)	1000	930		1	93	70-130	05/06/2015 0924
tert-Amyl methyl ether (TAME)	50	49		1	98	70-130	05/06/2015 0924
Benzene	50	55		1	109	70-130	05/06/2015 0924
tert-Butyl formate (TBF)	250	210		1	83	70-130	05/06/2015 0924
1,2-Dichloroethane	50	56		1	112	70-130	05/06/2015 0924
Diisopropyl ether (IPE)	50	51		1	103	70-130	05/06/2015 0924
3,3-Dimethyl-1-butanol	1000	1000		1	104	70-130	05/06/2015 0924
Ethanol	5000	5300		1	105	60-140	05/06/2015 0924
Ethylbenzene	50	55		1	111	70-130	05/06/2015 0924
Ethyl-tert-butyl ether (ETBE)	50	51		1	103	70-130	05/06/2015 0924
Methyl tertiary butyl ether (MTBE)	50	49		1	98	70-130	05/06/2015 0924

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: QQ74154-002
Batch: 74154
Analytical Method: 8260B
Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Naphthalene	50	44		1	88	70-130	05/06/2015 0924
tert-butyl alcohol (TBA)	1000	950		1	95	70-130	05/06/2015 0924
Toluene	50	54		1	109	70-130	05/06/2015 0924
Xylenes (total)	100	110		1	107	70-130	05/06/2015 0924

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		98	70-130
1,2-Dichloroethane-d4		91	70-130
Toluene-d8		97	70-130

Volatile Organic Compounds by GC/MS - MS

Sample ID: QD30033-020MS
Batch: 74154
Analytical Method: 8260B
Matrix: Aqueous
Prep Method: 5030B

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
tert-Amyl alcohol (TAA)	210	10000	9800		10	96	70-130	05/06/2015 1825
tert-Amyl methyl ether (TAME)	ND	500	520		10	105	70-130	05/06/2015 1825
Benzene	250	500	860		10	121	72-127	05/06/2015 1825
tert-Butyl formate (TBF)	ND	2500	1000	N	10	41	70-130	05/06/2015 1825
1,2-Dichloroethane	ND	500	610		10	122	59-143	05/06/2015 1825
Diisopropyl ether (IPE)	ND	500	570		10	113	70-130	05/06/2015 1825
3,3-Dimethyl-1-butanol	ND	10000	11000		10	106	70-130	05/06/2015 1825
Ethanol	ND	50000	54000		10	109	70-130	05/06/2015 1825
Ethylbenzene	880	500	1500		10	122	79-132	05/06/2015 1825
Ethyl-tert-butyl ether (ETBE)	ND	500	550		10	111	70-130	05/06/2015 1825
Methyl tertiary butyl ether (MTBE)	98	500	640		10	109	60-140	05/06/2015 1825
Naphthalene	280	500	790		10	101	62-136	05/06/2015 1825
tert-butyl alcohol (TBA)	360	10000	11000		10	107	70-130	05/06/2015 1825
Toluene	37	500	610		10	115	75-125	05/06/2015 1825
Xylenes (total)	1900	1000	3100		10	119	70-130	05/06/2015 1825

Surrogate	Q	% Rec	Acceptance Limit
1,2-Dichloroethane-d4		90	70-130
Bromofluorobenzene		101	70-130
Toluene-d8		96	70-130

PQL = Practical quantitation limit
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
+ = RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MSD

Sample ID: QD30033-020MD
Batch: 74154
Analytical Method: 8260B
Matrix: Aqueous
Prep Method: 5030B

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
tert-Amyl alcohol (TAA)	210	10000	9300		10	91	5.4	70-130	20	05/06/2015 1847
tert-Amyl methyl ether (TAME)	ND	500	470		10	95	9.8	70-130	20	05/06/2015 1847
Benzene	250	500	820		10	114	4.2	72-127	20	05/06/2015 1847
tert-Butyl formate (TBF)	ND	2500	930	N	10	37	8.7	70-130	20	05/06/2015 1847
1,2-Dichloroethane	ND	500	570		10	114	6.2	59-143	20	05/06/2015 1847
Diisopropyl ether (IPE)	ND	500	530		10	106	6.1	70-130	20	05/06/2015 1847
3,3-Dimethyl-1-butanol	ND	10000	9900		10	99	7.0	70-130	20	05/06/2015 1847
Ethanol	ND	50000	51000		10	102	6.5	70-130	20	05/06/2015 1847
Ethylbenzene	880	500	1400		10	113	3.1	79-132	20	05/06/2015 1847
Ethyl-tert-butyl ether (ETBE)	ND	500	520		10	104	6.3	70-130	20	05/06/2015 1847
Methyl tertiary butyl ether (MTBE)	98	500	600		10	101	6.2	60-140	20	05/06/2015 1847
Naphthalene	280	500	720		10	89	8.4	62-136	20	05/06/2015 1847
tert-butyl alcohol (TBA)	360	10000	11000		10	102	4.8	70-130	20	05/06/2015 1847
Toluene	37	500	580		10	109	4.8	75-125	20	05/06/2015 1847
Xylenes (total)	1900	1000	3000		10	108	3.7	70-130	20	05/06/2015 1847

Surrogate	Q	% Rec	Acceptance Limit
1,2-Dichloroethane-d4		87	70-130
Bromofluorobenzene		100	70-130
Toluene-d8		95	70-130

Volatile Organic Compounds by GC/MS - MB

Sample ID: QQ74217-001
Batch: 74217
Analytical Method: 8260B
Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
tert-Amyl alcohol (TAA)	ND		1	20	1.5	ug/L	05/06/2015 2101
tert-Amyl methyl ether (TAME)	ND		1	10	0.25	ug/L	05/06/2015 2101
Benzene	ND		1	1.0	0.21	ug/L	05/06/2015 2101
tert-Butyl formate (TBF)	ND		1	5.0	0.66	ug/L	05/06/2015 2101
1,2-Dichloroethane	ND		1	1.0	0.15	ug/L	05/06/2015 2101
Diisopropyl ether (IPE)	ND		1	1.0	0.40	ug/L	05/06/2015 2101
3,3-Dimethyl-1-butanol	ND		1	20	1.5	ug/L	05/06/2015 2101
Ethanol	ND		1	100	19	ug/L	05/06/2015 2101
Ethylbenzene	ND		1	1.0	0.33	ug/L	05/06/2015 2101
Ethyl-tert-butyl ether (ETBE)	ND		1	1.0	0.20	ug/L	05/06/2015 2101
Methyl tertiary butyl ether (MTBE)	ND		1	1.0	0.40	ug/L	05/06/2015 2101

PQL = Practical quantitation limit
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
+ = RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: QQ74217-001
Batch: 74217
Analytical Method: 8260B
Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Naphthalene	ND		1	1.0	0.40	ug/L	05/06/2015 2101
tert-butyl alcohol (TBA)	ND		1	20	2.3	ug/L	05/06/2015 2101
Toluene	ND		1	1.0	0.33	ug/L	05/06/2015 2101
Xylenes (total)	ND		1	1.0	0.33	ug/L	05/06/2015 2101

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		96	70-130
1,2-Dichloroethane-d4		87	70-130
Toluene-d8		94	70-130

Volatile Organic Compounds by GC/MS - LCS

Sample ID: QQ74217-002
Batch: 74217
Analytical Method: 8260B
Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
tert-Amyl alcohol (TAA)	1000	950		1	95	70-130	05/06/2015 2017
tert-Amyl methyl ether (TAME)	50	50		1	99	70-130	05/06/2015 2017
Benzene	50	55		1	110	70-130	05/06/2015 2017
tert-Butyl formate (TBF)	250	200		1	82	70-130	05/06/2015 2017
1,2-Dichloroethane	50	57		1	113	70-130	05/06/2015 2017
Diisopropyl ether (IPE)	50	52		1	104	70-130	05/06/2015 2017
3,3-Dimethyl-1-butanol	1000	1000		1	101	70-130	05/06/2015 2017
Ethanol	5000	5300		1	107	60-140	05/06/2015 2017
Ethylbenzene	50	53		1	106	70-130	05/06/2015 2017
Ethyl-tert-butyl ether (ETBE)	50	52		1	104	70-130	05/06/2015 2017
Methyl tertiary butyl ether (MTBE)	50	52		1	104	70-130	05/06/2015 2017
Naphthalene	50	46		1	91	70-130	05/06/2015 2017
tert-butyl alcohol (TBA)	1000	960		1	96	70-130	05/06/2015 2017
Toluene	50	52		1	105	70-130	05/06/2015 2017
Xylenes (total)	100	100		1	104	70-130	05/06/2015 2017

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		99	70-130
1,2-Dichloroethane-d4		88	70-130
Toluene-d8		93	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: QQ74368-001
Batch: 74368
Analytical Method: 8260B
Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
tert-Amyl alcohol (TAA)	ND		1	20	1.5	ug/L	05/08/2015 1002
tert-Amyl methyl ether (TAME)	ND		1	10	0.25	ug/L	05/08/2015 1002
Benzene	ND		1	1.0	0.21	ug/L	05/08/2015 1002
tert-Butyl formate (TBF)	ND		1	5.0	0.66	ug/L	05/08/2015 1002
1,2-Dichloroethane	ND		1	1.0	0.15	ug/L	05/08/2015 1002
Diisopropyl ether (IPE)	ND		1	1.0	0.40	ug/L	05/08/2015 1002
3,3-Dimethyl-1-butanol	ND		1	20	1.5	ug/L	05/08/2015 1002
Ethanol	ND		1	100	19	ug/L	05/08/2015 1002
Ethylbenzene	ND		1	1.0	0.33	ug/L	05/08/2015 1002
Ethyl-tert-butyl ether (ETBE)	ND		1	1.0	0.20	ug/L	05/08/2015 1002
Methyl tertiary butyl ether (MTBE)	ND		1	1.0	0.40	ug/L	05/08/2015 1002
Naphthalene	ND		1	1.0	0.40	ug/L	05/08/2015 1002
tert-butyl alcohol (TBA)	ND		1	20	2.3	ug/L	05/08/2015 1002
Toluene	ND		1	1.0	0.33	ug/L	05/08/2015 1002
Xylenes (total)	ND		1	1.0	0.33	ug/L	05/08/2015 1002

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		93	70-130
1,2-Dichloroethane-d4		95	70-130
Toluene-d8		100	70-130

Volatile Organic Compounds by GC/MS - LCS

Sample ID: QQ74368-002
Batch: 74368
Analytical Method: 8260B
Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
tert-Amyl alcohol (TAA)	1000	910		1	91	70-130	05/08/2015 0902
tert-Amyl methyl ether (TAME)	50	48		1	96	70-130	05/08/2015 0902
Benzene	50	53		1	107	70-130	05/08/2015 0902
tert-Butyl formate (TBF)	250	200		1	80	70-130	05/08/2015 0902
1,2-Dichloroethane	50	54		1	109	70-130	05/08/2015 0902
Diisopropyl ether (IPE)	50	49		1	97	70-130	05/08/2015 0902
3,3-Dimethyl-1-butanol	1000	1000		1	101	70-130	05/08/2015 0902
Ethanol	5000	5200		1	105	60-140	05/08/2015 0902
Ethylbenzene	50	53		1	106	70-130	05/08/2015 0902
Ethyl-tert-butyl ether (ETBE)	50	49		1	97	70-130	05/08/2015 0902
Methyl tertiary butyl ether (MTBE)	50	48		1	97	70-130	05/08/2015 0902

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: QQ74368-002
Batch: 74368
Analytical Method: 8260B
Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Naphthalene	50	36		1	72	70-130	05/08/2015 0902
tert-butyl alcohol (TBA)	1000	920		1	92	70-130	05/08/2015 0902
Toluene	50	52		1	104	70-130	05/08/2015 0902
Xylenes (total)	100	100		1	103	70-130	05/08/2015 0902

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		96	70-130
1,2-Dichloroethane-d4		94	70-130
Toluene-d8		99	70-130

Volatile Organic Compounds by GC/MS - MB

Sample ID: QQ74570-001
Batch: 74570
Analytical Method: 8260B
Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Toluene	ND		1	1.0	0.33	ug/L	05/11/2015 2102
Xylenes (total)	ND		1	1.0	0.33	ug/L	05/11/2015 2102

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		94	70-130
1,2-Dichloroethane-d4		96	70-130
Toluene-d8		98	70-130

Volatile Organic Compounds by GC/MS - LCS

Sample ID: QQ74570-002
Batch: 74570
Analytical Method: 8260B
Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Toluene	50	51		1	101	70-130	05/11/2015 2017
Xylenes (total)	100	100		1	101	70-130	05/11/2015 2017

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: QQ74570-002
Batch: 74570
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		95	70-130
1,2-Dichloroethane-d4		94	70-130
Toluene-d8		94	70-130

PQL = Practical quantitation limit
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
+ = RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

EDB & DBCP by Microextraction - MB

Sample ID: QQ73889-001
Batch: 73889
Analytical Method: 8011
Matrix: Aqueous
Prep Method: 8011
Prep Date: 05/03/2015 1355

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
1,2-Dibromoethane (EDB)	ND		1	0.020	0.0050	ug/L	05/05/2015 1105

Surrogate	Q	% Rec	Acceptance Limit
1,1,1,2-Tetrachloroethane		93	57-137

EDB & DBCP by Microextraction - LCS

Sample ID: QQ73889-002
Batch: 73889
Analytical Method: 8011
Matrix: Aqueous
Prep Method: 8011
Prep Date: 05/03/2015 1355

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
1,2-Dibromoethane (EDB)	0.25	0.28		1	112	60-140	05/05/2015 1115

Surrogate	Q	% Rec	Acceptance Limit
1,1,1,2-Tetrachloroethane		94	57-137

EDB & DBCP by Microextraction - MS

Sample ID: QD30033-001MS
Batch: 73889
Analytical Method: 8011
Matrix: Aqueous
Prep Method: 8011
Prep Date: 05/03/2015 1355

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
1,2-Dibromoethane (EDB)	ND	0.25	0.19		1	77	60-140	05/05/2015 1136

Surrogate	Q	% Rec	Acceptance Limit
1,1,1,2-Tetrachloroethane		66	57-137

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

EDB & DBCP by Microextraction - MSD

Sample ID: QD30033-001MD
Batch: 73889
Analytical Method: 8011
Matrix: Aqueous
Prep Method: 8011
Prep Date: 05/03/2015 1355

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
1,2-Dibromoethane (EDB)	ND	0.24	0.17		1	69	12	60-140	20	05/05/2015 1146

Surrogate	Q	% Rec	Acceptance Limit
1,1,1,2-Tetrachloroethane		61	57-137

EDB & DBCP by Microextraction - MB

Sample ID: QQ73890-001
Batch: 73890
Analytical Method: 8011
Matrix: Aqueous
Prep Method: 8011
Prep Date: 05/03/2015 1355

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
1,2-Dibromoethane (EDB)	ND		1	0.020	0.0050	ug/L	05/05/2015 1757

Surrogate	Q	% Rec	Acceptance Limit
1,1,1,2-Tetrachloroethane		97	57-137

EDB & DBCP by Microextraction - LCS

Sample ID: QQ73890-002
Batch: 73890
Analytical Method: 8011
Matrix: Aqueous
Prep Method: 8011
Prep Date: 05/03/2015 1355

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
1,2-Dibromoethane (EDB)	0.25	0.29		1	114	60-140	05/05/2015 1808

Surrogate	Q	% Rec	Acceptance Limit
1,1,1,2-Tetrachloroethane		100	57-137

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

EDB & DBCP by Microextraction - MS

Sample ID: QD30033-033MS
Batch: 73890
Analytical Method: 8011
Matrix: Aqueous
Prep Method: 8011
Prep Date: 05/03/2015 1355

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
1,2-Dibromoethane (EDB)	ND	0.24	0.29		1	119	60-140	05/05/2015 2033

Surrogate	Q	% Rec	Acceptance Limit
1,1,1,2-Tetrachloroethane		102	57-137

EDB & DBCP by Microextraction - MSD

Sample ID: QD30033-033MD
Batch: 73890
Analytical Method: 8011
Matrix: Aqueous
Prep Method: 8011
Prep Date: 05/03/2015 1355

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
1,2-Dibromoethane (EDB)	ND	0.24	0.33		1	137	14	60-140	20	05/05/2015 2043

Surrogate	Q	% Rec	Acceptance Limit
1,1,1,2-Tetrachloroethane		120	57-137

EDB & DBCP by Microextraction - MB

Sample ID: QQ73891-001
Batch: 73891
Analytical Method: 8011
Matrix: Aqueous
Prep Method: 8011
Prep Date: 05/03/2015 1355

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
1,2-Dibromoethane (EDB)	ND		1	0.020	0.0050	ug/L	05/05/2015 2215

Surrogate	Q	% Rec	Acceptance Limit
1,1,1,2-Tetrachloroethane		95	57-137

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

EDB & DBCP by Microextraction - LCS

Sample ID: QQ73891-002
Batch: 73891
Analytical Method: 8011
Matrix: Aqueous
Prep Method: 8011
Prep Date: 05/03/2015 1355

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
1,2-Dibromoethane (EDB)	0.25	0.31		1	126	60-140	05/05/2015 2226

Surrogate	Q	% Rec	Acceptance Limit
1,1,1,2-Tetrachloroethane		111	57-137

EDB & DBCP by Microextraction - MS

Sample ID: QD30033-055MS
Batch: 73891
Analytical Method: 8011
Matrix: Aqueous
Prep Method: 8011
Prep Date: 05/03/2015 1355

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
1,2-Dibromoethane (EDB)	ND	0.24	0.24		1	100	60-140	05/06/2015 0111

Surrogate	Q	% Rec	Acceptance Limit
1,1,1,2-Tetrachloroethane		91	57-137

EDB & DBCP by Microextraction - MSD

Sample ID: QD30033-055MD
Batch: 73891
Analytical Method: 8011
Matrix: Aqueous
Prep Method: 8011
Prep Date: 05/03/2015 1355

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
1,2-Dibromoethane (EDB)	ND	0.25	0.29		1	116	16	60-140	20	05/06/2015 0121

Surrogate	Q	% Rec	Acceptance Limit
1,1,1,2-Tetrachloroethane		94	57-137

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

EDB & DBCP by Microextraction - MB

Sample ID: QQ74145-001
Batch: 74145
Analytical Method: 8011
Matrix: Aqueous
Prep Method: 8011
Prep Date: 05/06/2015 1153

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
1,2-Dibromoethane (EDB)	ND		1	0.020	0.0050	ug/L	05/07/2015 1224

Surrogate	Q	% Rec	Acceptance Limit
1,1,1,2-Tetrachloroethane		90	57-137

EDB & DBCP by Microextraction - LCS

Sample ID: QQ74145-002
Batch: 74145
Analytical Method: 8011
Matrix: Aqueous
Prep Method: 8011
Prep Date: 05/06/2015 1153

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
1,2-Dibromoethane (EDB)	0.25	0.26		1	105	60-140	05/07/2015 1235

Surrogate	Q	% Rec	Acceptance Limit
1,1,1,2-Tetrachloroethane		97	57-137

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

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Chain of Custody Record

Number 47983

Client: Terry Environmental	Report to Contact: Kelly Cone	Telephone No. / E-mail: 843-873-8200	Quote No.
Address: P.O. Box 25	Sampler's Signature: Jennings Kerr	Analysis (Attach list if more space is needed)	Page 2 of 7
City: Summerville State: SC Zip Code: 29484	Printed Name: Jennings Kerr		QD30033
Project Name: Fr. Li'l Cricket #339			
Project No.: 2170J	P.O. No.		

Sample ID / Description (Containers for each sample may be combined on one line.)	Date	Time	# of Containers	Matrix: Aqueous	Soil	Wet Sediment	No of Containers by Preservative type: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Analysis: BTEX, MTBE, Naph, 1,2-DCA, EDB	Remarks / Cooler I.D.
07303-MW17	4/29	1630	6							6			3 3	
07303-MW18		1612												
07303-MW19		1734												
07303-MW20		1928												
07303-MW21		1457												
07303-MW22	4/27	1602												
07303-MW24	4/28	1751												
07303-MW25		1710												
07303-MW26	4/29	1139												
07303-MW27		1114												

Turn Around Time Required (Prior lab approval required for expedited TAT.): ☒ Standard ☐ Rush (Specify)

Sample Disposal: ☐ Return to Client ☒ Disposal by Lab

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison ☐ Unknown

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished by: Jennings Kerr	4/30	1840	1. Received by		
2. Relinquished by			2. Received by		
3. Relinquished by			3. Received by		
4. Relinquished by			4. Laboratory received by	4/30/15	1840

Note: All samples are retained for four weeks from receipt unless other arrangements are made.

LAB USE ONLY
Received on Ice (Circle) (Yes) No Ice Pack
Receipt Temp 2.4 °C

DISTRIBUTION: WHITE & YELLOW-Return to laboratory with Sample(s); PINK-Field/Client Copy

Document Number: F-AD-133 Effective Date: 08-01-2014

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Chain of Custody Record

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Number 47982

Client: Terry Environmental	Report to Contact: Kelly Cone	Telephone No. / E-mail: 843-873-8200	Quote No.
Address: P.O. Box 25	Sampler's Signature: x Jennings Kerr	Analysis (Attach list if more space is needed)	Page 3 of 7
City: Summerville State: SC Zip Code: 29484	Printed Name: Jennings Kerr		QD30033
Project Name: Fr. Lil Cricket #339			
Project No.: 2170 J	P.O. No.		Remarks / Cooler I.D.

Sample ID / Description (Containers for each sample may be combined on one line.)	Date	Time	Matrix: Grab / Composite	Matrix: Aqueous	Matrix: Solid	Matrix: Other (Specify)	No. of Containers by Preservative Type: Unpres.	HNO3	HCl	NaOH	H2SO4	Na2S2O3	BTEX, Naph, MTBE, EDB, DCE, TCE, Fe	EDB
07303 - MW28	4/29	0929	G						6				3	3
07303 - MW29		1514												
07303 - MW30		1529												
07303 - MW31	4/28	1126												
07303 - MW32		1104												
07303 - MW33		1045												
07303 - MW34		0942												
07303 - MW35		0921												
07303 - MW36	4/27	1727												
07303 - MW37		1821												

Turn Around Time Required (Prior lab approval required for expedited TAT.): ☒ Standard ☐ Rush (Specify)

Sample Disposal: ☐ Return to Client ☒ Disposal by Lab

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison ☐ Unknown

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished by: Jennings Kerr	4/30	1840	1. Received by		
2. Relinquished by			2. Received by		
3. Relinquished by			3. Received by		
4. Relinquished by			4. Laboratory received by	4/30/15	1840

Note: All samples are retained for four weeks from receipt unless other arrangements are made.

LAB USE ONLY
Received on ice (Circle) (Yes) No Ice Pack Receipt Temp 2.4 °C

DISTRIBUTION: WHITE & YELLOW-Return to laboratory with Sample(s); PINK-Field/Client Copy

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Chain of Custody Record

Number 47981

Client: Terry Environmental	Report to Contact: Kelly Cone	Telephone No. / E-mail: 843-873-8200	Quote No.
Address: P.O. Box 75	Sampler's Signature: Jennings Kerr	Analyses (Attach list if more space is needed)	Page 4 of 7
City: Summerville State: SC Zip Code: 29484	Printed Name: Jennings Kerr		QD30033
Project Name: Fr. Lil Cricket #339			
Project No.: 2170 J	P.O. No.		Remarks / Cooler I.D.

Sample ID / Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Drinking Groundwater	Matrix: Aqueous	Matrix: Soil	Matrix: Non-Aqueous	No of Containers by Preservative Type: Unpres	HNO3	H2SO4	HCl	NaOH	Soil Jar	BTEX, Naph, MTBE, 1,2-DCA, EDB	EDB
07303 - MW38	4/27	1753	G							G			3	3
07303 - MW39	4/28	1727												
07303 - MW40	4/28	1155												
07303 - MW41		1613												
07303 - MW42		1231												
07303 - MW44		1543												
07303 - MW46		1505												
07303 - DW1	4/30	1158												
07303 - DW2	4/30	1257												
07303 - DW3		1429												

Turn Around Time Required (Prior lab approval required for expedited TAT.): ☑ Standard ☐ Rush (Specify)

Sample Disposal: ☐ Return to Client ☑ Disposal by Lab

Possible Hazard Identification: ☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison ☐ Unknown

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished by: Jennings Kerr	4/30	1840	1. Received by		
2. Relinquished by			2. Received by		
3. Relinquished by			3. Received by		
4. Relinquished by			4. Laboratory received by	4/30/15	1840

Note: All samples are retained for four weeks from receipt unless other arrangements are made.

LAB USE ONLY
Received on Ice (Circle) (Yes) No Ice Pack Receipt Temp 2.4 °C

DISTRIBUTION: WHITE & YELLOW-Return to laboratory with Sample(s); PINK-Field/Client Copy

Document Number: F-AD-133 Effective Date: 08-01-2014

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Chain of Custody Record

Number 47980

Client: Terry Environmental	Report to Contact: Kelly Cone	Telephone No. / E-mail: 843-873-8200	Quote No.
Address: P.O. Box 25	Sampler's Signature: Jennings Kerr	Analysis (Attach list if more space is needed): BTEX, MTBE, 1,2-DCA, DIPE, ETBE, EDB	Page 5 of 7
City: Summerville State: SC Zip Code: 29484	Printed Name: Jennings Kerr		QD30033
Project Name: Fr. Lil Cricket #339			
Project No.: 2170J	P.O. No.		Remarks / Cooler I.D.

Sample ID / Description (Containers for each sample may be combined on one line.)	Date	Time	Grab / Composite	Matrix: Aqueous	Soil	Non-Aqueous	No. of Containers by Preservative Type: Unpres.	H2SO4	HNO3	HCl	NaOH	Na2S2O3	BTEX, MTBE, 1,2-DCA, DIPE, ETBE, EDB	
07303 - DW5	4/27	1556	G	X						6			3	3
07303 - DW6	4/30	1157												
07303 - DW7		1250												
07303 - DW9	4/27	1842												
07303 - DW10	4/27	1911												
07303 - DW11	4/28	1647												
07303 - RW1	4/30	1323												
07303 - RW2		1345												
07303 - RW3	4/29	1950												
07303 - RW4	4/30	1327												

Turn Around Time Required (Prior lab approval required for expedited TAT.): ☒ Standard ☐ Rush (Specify)

Sample Disposal: ☐ Return to Client ☒ Disposal by Lab

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison ☐ Unknown

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished by: Jennings Kerr	4/30	1840	1. Received by		
2. Relinquished by	Date	Time	2. Received by	Date	Time
3. Relinquished by	Date	Time	3. Received by	Date	Time
4. Relinquished by	Date	Time	4. Laboratory received by: [signature]	4/30/15	1840

Note: All samples are retained for four weeks from receipt unless other arrangements are made.

LAB USE ONLY
Received on ice (Circle) (Yes) No Ice Pack Receipt Temp. 2.7 °C

DISTRIBUTION: WHITE & YELLOW-Return to laboratory with Sample(s); PINK-Field/Client Copy

Document Number: F-AD-133 Effective Date: 08-01-2014

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SHEALY Chain of Custody Record

Number 47979

Client: Terry Environmental	Report to Contact: Kelly Cone	Telephone No. / E-mail: 843-873-8206	Quote No.
Address: P.O. Box 25	Sampler's Signature: Jennings Kerr	Analysis (Attach list if more space is needed)	Page 6 of 7
City: Summerville State: SC Zip Code: 29484	Printed Name: Jennings Kerr		QD30033
Project Name: Fr. 1:1 Cricket #339			
Project No.: 2170 J	P.O. No.		

Sample ID / Description (Containers for each sample may be combined on one line)	Date	Time	Grab / Composite	Aqueous	Soil	Wastewater	Unpres	HNO3	H2SO4	HCl	NaOH	Soda Ash	BTEX, MTBE, Naph, 1,2-DCA, EDB, Oxy, ETBE	EDB	Remarks / Cooler I.D.
07303-SW1	4/28	1320	G	X						6			3	3	
07303-SW2		1340													
07303-MW46DUP		1507													
07303-MW19DUP	4/29	1736													
07303-DW3DUP	4/30	1431													
07303-FB1	4/27	1300													
07303-FB2	4/28	0845													
07303-FB3	4/29	0845													
07303-FB4	4/30	1050													
07303-TB1	4/27												2		

Turn Around Time Required (Prior lab approval required for expedited TAT.): ☒ Standard ☐ Rush (Specify)

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison ☐ Unknown

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished by: Jennings Kerr	4/30	1840	1. Received by		
2. Relinquished by	Date	Time	2. Received by	Date	Time
3. Relinquished by	Date	Time	3. Received by	Date	Time
4. Relinquished by	Date	Time	4. Laboratory received by: [signature]	Date 4/30/15	Time 1840

Note: All samples are retained for four weeks from receipt unless other arrangements are made.

LAB USE ONLY
Received on ice (Circle) (Yes) No Ice Pack Receipt Temp 2.4 °C

DISTRIBUTION: WHITE & YELLOW-Return to laboratory with Sample(s); PINK-Field/Client Copy

Document Number: F-AD-133 Effective Date: 06-01-2014

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Chain of Custody Record

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Telephone No. 803-791-9700 Fax No. 803-791-9111
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Number 47985

Client: Terry Environmental	Report to Contact: Kelly Cone	Telephone No. / E-mail: 843-873-8200
Address: P.O. Box 25	Sampler's Signature: x Jennings Kerr (signature)	Analysis (Attach list if more space is needed): BTEX Naph, MTBE, 1,2DCA, Oxy, EDB
City: Summerville State: SC Zip Code: 29484	Printed Name: Jennings Kerr	Quote No.
Project Name: Fr. Lil Cricket #339		Page 7 of 7
Project No.: 2170J	P.O. No.	QD30033

Sample ID / Description (Containers for each sample may be combined on one line.)	Date	Time	Grab / Composite (No. of Containers)	Matrix: Aqueous	Matrix: Solid	Matrix: Non-Aqueous		Preservative: Unpres	H_2SO_4	HNO_3	HCl	NaOH	Encore Kit		BTEX Naph, MTBE, 1,2DCA, Oxy, EDB									Remarks / Cooler I.D.
07303-TBZ	4/29	/	6								X				2									

Turn Around Time Required (Prior lab approval required for expedited TAT.) ☒ Standard ☐ Rush (Specify)	Sample Disposal ☐ Return to Client ☒ Disposal by Lab	Possible Hazard Identification ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison ☐ Unknown	QC Requirements (Specify)

Relinquished by	Date	Time	Received by	Date	Time
1. Relinquished by: Jennings Kerr (signature)	4/30	1840	1. Received by		
2. Relinquished by			2. Received by		
3. Relinquished by			3. Received by		
4. Relinquished by			4. Laboratory received by: (signature)	4/30/15	1840

Note: All samples are retained for four weeks from receipt unless other arrangements are made.

LAB USE ONLY Received on ice (Circle) (Yes) No Ice Pack Receipt Temp 2.4 °C

DISTRIBUTION: WHITE & YELLOW-Return to laboratory with Sample(s); PINK-Field/Client Copy

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