

Westinghouse Electric Company Nuclear Fuel Columbia Fuel Fabrication Facility 5801 Bluff Road Hopkins, South Carolina 29061 USA

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July 13, 2021

Subject: June 2021 CA Progress Report

Ms. Kuhn:

In accordance with Item 19 of Consent Agreement (CA) 19-02-HW, this progress report is being submitted to you, including the following requested information:

- (a) a brief description of the actions which Westinghouse has taken toward achieving compliance with the Consent Agreement during the previous month;
- (b) results of sampling and tests, in tabular summary format received by Westinghouse during the reporting period;
- (c) a brief description of all actions which are scheduled for the next month to achieve compliance with the Consent Agreement, and other information relating to the progress of the work as deemed necessary or requested by the Department; and
- (d) information regarding the percentage of work completed and any delays encountered or anticipated that may affect the approved schedule for implementation of the terms of the Consent Agreement, and a description of efforts made to mitigate delays or avoid anticipated delays.

In response to the above requirements, the following is being reported to the Department since the last progress report submitted on **June 15, 2021**. The following progress report is for work occurring from **June 1- 30, 2021**:

- (a) Actions during the previous month:
  Westinghouse began implementation of the Final Remedial Investigation (RI) Work Plan on 6/10/19. To comply with Item 4 of the CA, the following actions were completed this month.
  - Completed the following activities to support the Southern Storage Area (SSA) Operable Unit (OU) Work Plan:

- Conducted internal environmental surveys of sheds S22 through S26 prior to packaging for off-site shipment. The survey results indicated that the sheds could be recycled as scrap metal.
- Completed the following to support the Phase II RI Work Plan:
  - Relocated the pressure transducer from monitoring well W-4 to W-96.
- Hosted a site visit with DHEC on June 15 to observe Sanitary Lagoon sludge sampling to support closure planning.
- Met with the Department on June 17 to discuss the status and next steps for the Remedial Investigation.
- Completed the following to support **East Lagoon Closure** Activities:
  - o Removed the hypalon and asphalt liners and packaged materials for off-site shipment.
  - Removed concrete structures (pump station and sump) from within the East Lagoon footprint.
  - Completed soil sampling underneath the concrete sump in the northeast corner. The results will be reported in the July monthly progress report.
  - Completed excavation of impacted soil within the East Lagoon footprint and packaged it for off-site shipment and disposal.
  - Completed a civil engineering assessment of the impacted soil that could be safely excavated from the East Lagoon. Some soil with results above the residential screening levels was left in place to avoid contact with the groundwater table and to ensure the structural integrity of nearby buildings and operations equipment was not compromised during the soil removal.
  - East Lagoon Metrics:
    - Sludge waste shipments = 88% complete (15/17 Rail Shipments).
    - Soil and liner removal = 100% complete (1485 yd<sup>3</sup>)
- (b) Results of sampling and tests:
  - Soil Sampling Results for the Primary Soil Gas Survey Area

In May 2021, AECOM conducted soil sampling based upon the results of the soil gas survey (SGS) in the Primary Soil Gas Survey Area. Final analytical results were received from the external laboratory in June. A consolidated data table and graphic of sampling locations were submitted to the Department with the "*Proposed Actions Resulting from the June 2021 Virtual Meeting*" correspondence dated June 18, 2021.

• W-28 Quarterly Groundwater Sampling Results

As a follow-up to the Hydrofluoric Spiking Station leak that occurred in June of 2018, Westinghouse committed to quarterly monitoring of W-28, the closest down-gradient well (at that time) to the spiking station operations, for the next three years. Tabulated results of the monitoring well data are included as **Attachment A**. Since the installation of additional monitoring wells as part of the RI, uranium impact has been detected in close proximity to the manufacturing building at sentinel monitoring well W-77. Monitoring well W-28 is approximately 55 feet downgradient of monitoring W-77. U has not been detected above its MCL in W-28 showing that the occurrence at W-77 is of limited extent.

#### • East Lagoon Soil Sampling Results

During the months of May and June, soil samples were collected below the East Lagoon liner in 26 locations (16 systematic and 10 bias) according to the approved East Lagoon Closure Plan dated June 30, 2020 (LTR-RAC-20-57). The sampling results were tabulated and are included as **Attachment B**. A graphic is also included to illustrate the location of each sampling point.

(c) Brief description of all actions which are scheduled for the next month:

In accordance with **Item 4** of the CA, Westinghouse will continue to implement the Work Plan to include the following actions:

- Conduct underground utility surveys to prepare monitoring well and piezometer installation areas.
- Install new groundwater monitoring wells W-113 through W-126.
- Properly abandon existing monitoring well W-4 and install new well W-4R approximately 25 feet west of the current location and adjacent to W-3A.
- Install piezometer, PZ-1 adjacent to W-96.
- Develop the newly installed monitoring wells and begin groundwater sampling.
- Install four additional pressure transducers in W-96, W-126, PZ-1 and W-125.
- Conduct soil sampling in the former footprint of 5 sheds (S-22 through S-26).
- Submit a technical basis document to comply with the site's remediation procedure for evaluation of site dose/risk assessment of sediments impacted by historical site operations.

(d) Percentage of work completed and any delays encountered or anticipated:

- 75% of Phase II field work scope completed.
- Currently there are no anticipated delays.

Respectfully,

Diana P. Joyner Principal Environmental Engineer Westinghouse Electric Company, CFFF 803.497.7062 (m)

cc: N. Parr, Environmental Manager J. Ferguson, EH&S Manager J. Grant, AECOM Project Manager ENOVIA Records

**Attachment A:** Tabulated W-28 Quarterly Groundwater Sampling Results (3 years beginning July 2018) **Attachment B:** Tabulated East Lagoon Soil Sampling Results and Graphic

**Tabulated W-28 Quarterly Groundwater Sampling Results** 3 years beginning July 2018

# Well W-28 Analytical Results (3 years beginning July 2018)

Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-28	W-28	W-28	W-28	W-28	W-28	W-28	W-28	W-28	W-28	W-28	W-2
				Date	7/13/2018	10/23/2018	1/18/2019	4/16/2019	7/11/2019	10/7/2019	2/4/2020	4/3/2020	7/13/2020	10/7/2020	1/26/2021	4/7/2
				Туре	Ν	N	Ν	Ν	Ν	Ν	N	N	N	N	N	N
Group	Analyte	MCL	note	Units												
Radiological	Alpha particles	15	*	pCi/L	8.02	1.26 #	0 ##	4.36 #	2.25 #	3.14 #	4.57 #	1.78 #	1.96 #	1.73 #	1.85 #	1.58
Radiological	Beta particles	50	*	pCi/L	12.4	7.30	7.28	7.69	8.47	8.26	6.09	3.86	6.29	4.94	5.83	4.44
Radiological	Technetium-99	900		pCi/L	NA	NA	0 ##	6.77 #	7.91 #	20.1 #	0 ##	0 ##	0 ##	0.201 #	0.0670 #	1.87
Radiological	Uranium-233/234			pCi/L	NA	NA	0.369	0.875	0.806	0.672	0.828	0.665	0.680	NA	0.775	1.0
Radiological	Uranium-235/236			pCi/L	NA	NA	0.0893 #	0.0810 #	0.00224 #	0 #	0.0297 #	0 ##	0 ##	NA	0.0936 #	0.038
Radiological	Uranium-238			pCi/L	NA	NA	0.146 #	0.176 #	0.295	0.119 #	0.143 #	0.0287 #	0.0846 #	NA	0.270	0.32
Radiological	Uranium-234			ug/L	NA	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.05
Radiological	Uranium-235			ug/L	NA	0.0106 J	< 0.0700	0.013 J	0.0117 J	< 0.070	0.0101 J	0.0136 J	0.017 J	0.0233 J	0.0206 J	0.016
Radiological	Uranium-238			ug/L	NA	0.531	0.456	0.491	0.573	0.429	0.546	0.696	0.877	1.2	0.957	0.87
Radiological	Total Uranium Isotopes	30		ug/L	NA	0.541	0.456	0.504	0.585	0.429	0.556	0.71	0.894	1.22	0.978	0.89
Chemical	Fluoride	4		mg/L	NA	NA	NA	NA	NA	5.45	6.55	5.43	3.48	NA	5.95	6.3
Chemical	Nitrate as N	10		mg/L	6.2	NA	7.2	7.4	7.4	6.3	8	7	6.6	5.1	NA	6.0

Note:

NA Not analyzed

Concentrations in orange shaded cells exceed their MCL

Bold concentrations indicate detections

\* - site-specific action level

# - value is below minimum detectable concentration

## - value is reported as a negative number

V-28 7/2021 N .58 # .44 # .02 .0388 # .326 .0500 168 J .879 .895 .30 6.0	
7/2021 N .58 # .44 # .87 # .02 0388 # .326 .0500 0168 J .879 .895 .30 6.0	V-28
N .58 # .44 # .87 # .02 .326 .0500 0168 J .879 .895 .30 6.0	7/2021
.58 # .44 # .87 # .02 .3388 # .326 .0500 0168 J .879 .895 .30 6.0	Ν
.58 # .44 # .87 # .02 .388 # .326 .0500 0168 J .879 .895 .30 6.0	
.44 # .87 # .02 .388 # .326 .0500 .0168 J .879 .895 .30 6.0	.58 #
.02 .0388 # .326 .0500 0168 J .879 .895 .30 6.0	.44 #
02 )388 # .326 .0500 )168 J .879 .895 .30 6.0	.87 #
388 # .326 .0500 0168 J .879 .895 5.30 6.0	.02
.326 .0500 0168 J .879 .895 5.30 6.0	)388 #
.0500 0168 J .879 .895 .30 6.0	.326
0168 J .879 .895 .30 6.0	.0500
.879 .895 .30 6.0	0168 J
.895 .30 6.0	.879
6.0	.895
6.0	5.30
	6.0

Tabulated East Lagoon Soil Sampling Results and Graphic

#### East Lagoon Soil Sampling Results

Systematic Sample Locations

Sample ID				Analyt	te (pCi/g)					SOF	SOF
Sample ID	U-234 DL	U-234	U-235 DL	U-235	U-238	Sum U		Tc-99 DL	Tc-99	Resid.	Ind.
EL-1-6"		42.9		1.60	10.6	55.1			4.23	4.48	0.11
EL-1-6" DUP		42.5		1.71	10.9	55.1			5.05	4.53	0.12
EL-1-1'		26.8		1.03	6.22	34.1	<	0.768	0.567	2.66	0.07
EL-1-2'		18.3		1.11	5.59	25.0			0.844	1.99	0.07
EL-1-3'		13.1		0.428	3.55	17.1	<	0.789	0	1.31	0.03
EL-1-4'		9.41		0.195	3.06	12.67	<	0.693	0.304	0.98	0.02
EL-2-6"		27.7		1.07	7.95	36.7			1.29	2.90	0.08
EL-2-1'		2.60		0.18	1.28	4.06	<	0.741	0.178	0.32	0.01
EL-2-2'		1.93	< 0.176	0.0304	1.11	3.07	<	0.815	0	0.23	0.01
EL-2-3'		2.08		0.128	1.18	3.39	<	0.769	0	0.26	0.01
EL-2-4'		24.2		1.20	6.28	31.7	<	0.699	0.601	2.49	0.07
EL-3-6"		11.8		0.597	3.51	15.9			9.96	1.76	0.04
EL-3-1'		14.4		0.88	3.92	19.2			1.22	1.56	0.05
EL-3-2'		11.6		0.439	3.3	15.3	<	0.695	0.55	1.21	0.03
EL-3-3'		18.7		0.927	4.61	24.2	<	0.691	0.202	1.89	0.06
EL-3-4'		9.48		0.478	3.25	13.21	<	0.671	0.173	1.03	0.03
EL-4-6"		4.94		0.334	2.10	7.37			7.53	0.97	0.02
EL-4-1'		3.06	< 0.339	0	1.63	4.69			1.92	0.45	0.01
EL-4-2'		9.91		0.427	2.85	13.19			1.02	1.07	0.03
EL-4-3'		24.7		1.05	6.65	32.4			0.652	2.54	0.07
EL-4-4'		14.8		0.675	4.47	19.9	<	0.684	0.338	1.56	0.05
EL-5-6"		21		1.01	5.69	28			1.6	2.23	0.06
EL-5-6"-DUP		23		0.845	6.32	30			1.7	2.42	0.06
EL-5-1'		16.4		0.951	4.11	21.5	<	0.660	0.549	1.70	0.05
EL-5-2'		25.5		0.562	6.66	32.7	<	0.667	0.146	2.52	0.06
EL-5-3'		69.4		2.91	16.6	88.9	<	0.649	0.222	6.90	0.19
EL-5-4'		57.1		2.62	14.7	74.4	<	0.630	0	5.77	0.17
EL-6-6"		37.7		1.79	10	49.5	<	0.728	0.717	3.88	0.11
EL-6-1'		51.4		3.18	13.6	68.2	<	0.675	0.0427	5.33	0.17
EL-6-2'		15.3		0.669	4.5	20.5	<	0.666	0	1.58	0.05
EL-6-3'		24.6		0.924	5.79	31.3	<	0.705	0	2.42	0.06
EL-6-4'		24.2		0.99	6.62	31.8	<	0.738	0	2.46	0.07

#### East Lagoon Soil Sampling Results

Systematic Sample Locations

Sample ID		SOF	SOF								
Sample ID	U-234 DL	U-234	U-235 DL	U-235	U-238	Sum U		Tc-99 DL	Tc-99	Resid.	Ind.
EL-7-6"		37.3		1.73	8.21	47.2			25	4.99	0.10
EL-7-1'		43.3		2.27	9.3	54.9			5.46	4.57	0.12
EL-7-2'		55.8		2.34	13	71.1			5.11	5.78	0.15
EL-7-3'		18.9		1.17	4.89	25.0			1.82	2.05	0.06
EL-7-4'		32.8		1.34	7.64	41.8			1.15	3.30	0.09
EL-8-6"		4.51	< 0.362	0.102	1.53	6.14			1.83	0.57	0.01
EL-8-1'		6.32		0.341	2.05	8.71			0.802	0.72	0.02
EL-8-2'		2.52		0.375	1.01	3.91	<	0.761	0	0.31	0.02
EL-8-3'		0.511		0.159	0.396	1.066	<	0.735	0.161	0.10	0.01
EL-8-4'	< 0.395	0.295	< 0.128	0.0854	0.547	0.927	<	0.788	0	0.07	0.01
EL-9-6"		1.90	< 0.370	0	1.13	3.03			1.47	0.30	0.01
EL-9-1'		2.01	< 0.229	0.0645	0.931	3.01	<	0.770	0.117	0.24	0.01
EL-9-2'		1.18	< 0.259	0	0.816	2.00	<	0.711	0.4	0.17	0.00
EL-9-3'		1.59	< 0.244	0.138	0.98	2.71			0.918	0.26	0.01
EL-9-4'		2.78	< 0.312	0.0972	1.2	4.08	<	0.711	0.553	0.34	0.01
EL-10-6"		1.03	< 0.0655	0.0437	0.601	1.67	<	0.708	0	0.13	0.00
EL-10-1'		0.633	< 0.192	0.0521	0.576	1.261	<	0.693	0.123	0.10	0.00
EL-10-2'		0.693		0.114	0.708	1.515	1		2.03	0.22	0.01
EL-10-3'		0.600	< 0.419	0	0.842	1.442	<	0.668	0.259	0.12	0.00
EL-10-4'						0.000	<	0.688	0.191	0.01	0.00
EL-11-6"		22.0		1.29	5.56	28.9	<	0.681	0.171	2.26	0.07
EL-11-6"-DUP		20.7		0.888	5.10	26.7	<	0.610	0.115	2.07	0.06
EL-11-1'		13.2		0.639	3.14	17.0	<	0.679	0.279	1.33	0.04
EL-11-2'		7.78		0.413	2.46	10.65	<	0.623	0.267	0.84	0.03
EL-11-3'		18.5		0.711	4.09	23.3	<	0.671	0	1.80	0.05
EL-11-4'		22.6		1.38	5.65	29.6	<	0.683	0.208	2.33	0.07
EL-12-6"		11.0		0.596	2.59	14.2			1.21	1.17	0.03
EL-12-1'		7.29		0.265	1.77	9.33			0.939	0.77	0.02
EL-12-2'		6.98		0.286	4.47	11.74			0.812	0.93	0.03
EL-12-3'		6.38		0.402	2.23	9.01	<	0.675	0.242	0.71	0.02
EL-12-4'		7.75	< 0.381	0.0775	2.20	10.03	<	0.676	0.314	0.78	0.02

#### East Lagoon Soil Sampling Results

Systematic Sample Locations

Sample ID		SOF	SOF								
Sample ID	U-234 DL	U-234	U-235 DL	U-235	U-238	Sum U		Tc-99 DL	Tc-99	Resid.	Ind.
EL-13-6"		4.50		0.26	1.06	5.82			3.27	0.63	0.01
EL-13-6"-DUP		3.25		0.165	1.43	4.85			1.28	0.44	0.01
EL-13-1'		9.75	]	0.490	3.54	13.78	<	0.688	0.162	1.07	0.04
EL-13-2'		3.39	< 0.262	0.132	0.926	4.45	<	0.655	0.619	0.38	0.01
EL-13-3'		4.12		0.249	0.993	5.36	<	0.676	0.246	0.43	0.01
EL-13-4'		6.35		0.327	2.00	8.68	<	0.802	0.196	0.68	0.02
EL-14-6"		5.06	< 0.417	0.29	1.56	6.91			2.97	0.69	0.02
EL-14-1'		0.818	< 0.214	0.0666	1.1	1.985	<	0.669	0.0237	0.15	0.01
EL-14-2'		2.52	< 0.215	0.152	0.479	3.15	<	0.720	0.0672	0.25	0.01
EL-14-3'		9.15		0.43	2.31	11.89	<	0.696	0.659	0.96	0.03
EL-14-4'		5.43		0.21	1.74	7.38	<	0.767	0	0.57	0.02
EL-15-6"		0.997	< 0.179	0	0.861	1.858	<	0.718	0	0.14	0.01
EL-15-1'		1.03		0.165	0.701	1.90	<	0.750	0	0.15	0.01
EL-15-2'		0.392	< 0.277	0	0.327	0.719	<	0.636	0	0.05	0.00
EL-15-3'		1.27		0.0903	0.877	2.24	<	0.706	0	0.17	0.01
EL-15-4'		0.656	< 0.163	0.107	0.724	1.487	<	0.667	0.0182	0.12	0.01
EL-16-6"		4.16		0.265	1.69	6.12			4.12	0.69	0.02
EL-16-1'		1.93		0.202	1.16	3.29	<	0.696	0.281	0.27	0.01
EL-16-2'		1.12		0.185	1.05	2.36			7.46	0.58	0.01
EL-16-3'		1.26	< 0.221	0.0180	0.887	2.17			77.7	4.25	0.01
EL-16-4'		2.72		0.193	1.32	4.23	<	0.627	0.578	0.36	0.01

### Residential Limits in Soil (per RA-

	433)
U234	13 pCi/g
U235	8 pCi/g
U238	14 pCi/g
Tc-99	19 pCi/g
Fluoride	600 mg/kg
PCE	0.0023 mg/kg
	exceeds screening value or SO

#### East Lagoon Soil Sampling Results

**Bias Sample Locations** 

Sample ID	Analyte (pCi/g)											SOF	SOF
Sample ID	U-234 DL	U-234		U-235 DL	U-235	U-238 DL	U-238	Sum U	•	Tc-99 DL	Tc-99	Resid.	Ind.
EL-B1-1-6"		3.94	<	0.359	0.0219		1.51	5.4719			0.864	0.46	0.01
EL-B1-1-6" DUP		4.34	<	0.443	0.1		1.68	6.12			0.995	0.52	0.01
EL-B1-1-1'		3.96	<	0.324	0.0913		1.04	5.0913			0.959	0.44	0.01
EL-B1-1-2'		3.43			0.633		2.91	6.973			1.17	0.61	0.03
EL-B1-1-3'		0.944	<	0.226	0.0943		0.458	1.4963			0.684	0.15	0.01
EL-B1-1-4'		10.3			0.591		3.61	14.501	<	0.585	0.478	1.15	0.04
EL-B2-6"		1.35	<	0.130	0		0.718	2.068	<	0.658	0.186	0.16	0.00
EL-B2-1'		1.18	<	0.128	0.0852		0.413	1.6782			1.46	0.21	0.00
EL-B2-2'	< 0.497	0.387	<	0.179	0.0704		0.398	0.8554	<	0.589	0.587	0.10	0.00
EL-B2-3'		0.772	<	0.401	0		0.555	1.327			0.734	0.14	0.00
EL-B2-4'		3.42	<	0.401	0.045		1.49	4.955			0.662	0.41	0.01
EL-B3-6"		5.51	<	0.485	0.202		1.35	7.062			3.23	0.72	0.01
EL-B3-1'		4.77	<	0.401	0.32		1.76	6.85			0.727	0.57	0.02
EL-B3-2'		1.08			0.116	< 0.359	0.328	1.524	<	0.552	0.405	0.14	0.01
EL-B3-3'		2.9	<	0.253	0.193		1.29	4.383			1.15	0.40	0.01
EL-B3-4'		8.3			0.246		2.51	11.056			1.02	0.90	0.02
EL-B4-6"		7.95			0.303		2.80	11.053			1.33	0.92	0.03
EL-B4-1'		3.49	<	0.325	0.276		1.49	5.256	<	0.662	0.372	0.43	0.02
EL-B4-2'		1.24	<	0.266	0.0679		0.752	2.0599			3.00	0.32	0.01
EL-B4-3'		0.523	<	0.345	0.0484		0.612	1.1834			1.84	0.19	0.00
EL-B4-4'		1.56	<	0.277	0.117		0.935	2.612	<	0.714	0.00957	0.20	0.01
EL-B5-6"		3.33	<	0.224	0.0952		1.42	4.8452			1.14	0.43	0.01
EL-B5-6" DUP		3.73	<	0.309	0.175		1.18	5.085	<	0.719	0.0127	0.39	0.01
EL-B5-1'		0.815	<	0.262	0		0.494	1.309			1.14	0.16	0.00
EL-B5-2'	< 0.444	0.403	<	0.284	0.0801		0.502	0.9851	<	0.717	0.0985	0.08	0.00
EL-B5-3'		1.77	<	0.336	0		0.768	2.538	<	0.761	0	0.19	0.00
EL-B5-4'		2.51	<	0.280	0.0314		0.985	3.5264	<	0.698	0	0.27	0.01
EL-B6-6"		8.01			0.412		1.86	10.282			3.48	0.98	0.02
EL-B6-1'		6.74			0.295		2.42	9.455	<	0.758	0	0.73	0.02
EL-B6-2'		1.36	<	0.271	0.115		0.465	1.94	<	0.773	0	0.15	0.01
EL-B6-3'		15.8			0.903		4.60	21.303	<	0.709	0	1.66	0.05
EL-B6-4'		17.6			0.990		5.72	24.31	<	0.713	0	1.89	0.06

East Lagoon Soil Sampling Results

**Bias Sample Locations** 

EL-B7-6"	6.93		0.416	1.88	9.226		8.73	1.18	0.02
EL-B7-1'	3.80		0.275	1.35	5.425		3.12	0.59	0.02
EL-B7-2'	2.55		0.218	1.55	4.318		3.91	0.54	0.02
EL-B7-3'	3.82		0.170	1.32	5.31		1.27	0.48	0.01
EL-B7-4'	4.07		0.233	1.65	5.953		0.939	0.51	0.02
EL-B8-6"	9.55		0.740	2.83	13.12		2.33	1.15	0.04
EL-B8-1'	11.8		0.498	2.78	15.078	< 0.773	0.607	1.20	0.03
EL-B8-2'	4.62		0.297	2.02	6.937	< 0.604	0.0336	0.54	0.02
EL-B8-3'	1.03	< 0.390	0	1.08	2.11	< 0.691	0	0.16	0.01
EL-B8-4'	1.23	< 0.208	0.0434	0.579	1.8524		1.22	0.21	0.00
EL-B9-6"	20.3		0.950	3.80	25.05	< 0.669	0	1.95	0.05
EL-B9-1'	0.801		0.0841	1.05	1.9351	< 0.705	0	0.15	0.01
EL-B9-2'	0.216	< 0.302	0	0.731	0.947	< 0.694	0	0.07	0.00
EL-B9-3'	0.802	< 0.222	0	1.01	1.812	< 0.686	0	0.13	0.01
EL-B9-4'	0.723	< 0.222	0	0.806	1.529	< 0.680	0	0.11	0.00
EL-B10-6"	1.90		0.197	0.955	3.052	< 0.764	0.0599	0.24	0.01
EL-B10-6" DUP	2.04	< 0.215	0.0699	0.877	2.9869	< 0.751	0	0.23	0.01
EL-B10-1'	0.636		0.0900	0.558	1.284		7.70	0.51	0.01
EL-B10-2'	0.686		0.0887	0.915	1.6897	< 0.740	0.0397	0.13	0.01
EL-B10-3'	0.951	< 0.215	0	0.671	1.622	< 0.630	0.0117	0.12	0.00
EL-B10-4'	0.461	< 0.192	0.0751	1.05	1.5861	< 0.628	0.125	0.13	0.01

East Lagoon Soil Sampling Results

### Residential Limits in Soil (per RA-433)

PCE

0.0023 mg/kg

Sample ID	Tetrachloroethylene
EL-3-6"	0.0013
EL-5-6"	0.0004
EL-9-6"	0.0005
EL-15-6"	
EL-B1-1-6"	
EL-B1-1-6"DUP	
EL-B3-6"	0.0005
EL-B5-6"	0.0044
EL-B5-6"DUP	0.0003

non-detect exceeds screening value

