



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 4
ATLANTA FEDERAL CENTER
61 FORSYTH STREET
ATLANTA, GEORGIA 30303-8960

JUN 13 2019

[REDACTED]
[REDACTED] Voorhees Road
Denmark, South Carolina 29042

Dear [REDACTED]

On April 3, 2019, the Environmental Protection Agency Region 4 Laboratory Services & Applied Science Division and South Carolina Department of Health and Environmental Control (SC DHEC) personnel conducted a drinking water sampling event in the City of Denmark, South Carolina. As part of this study, samples were collected at your home. This sampling event was requested by SC DHEC.

For this study, EPA and SC DHEC coordinated to independently collect drinking water samples, at the same time, and from the same locations. Sampling and measurement activities were in accordance with EPA and SC DHEC operating procedures, respectively.

We analyzed for the following parameters: total coliform/E. coli, total trihalomethanes (TTHMs), iron, manganese, haloacetic acids (HAA5s) and bromide. Results for your property are summarized in Table 1.

- Microbiological results for total coliform and E. coli were "absent."
- HAA5 results were non-detect (ND).
- TTHM results were below the Maximum Contaminant Level (MCL) of 0.080 mg/L.
- Bromide results were below the minimum reporting level.
- Iron and manganese results did not exceed any of the MCLs for National Secondary Drinking Water Regulations.

The analytical results of this study indicated that none of the samples exceeded the applicable MCLs for the EPA National Primary Drinking Water Regulations or the State Primary Drinking Water Regulations for the parameters of interest.

Thank you for allowing us to collect samples at your home. If you have any questions regarding the EPA sample results, please contact Ms. Janine Morris, of my staff at (404) 562-9480 or morris.janine@epa.gov. For questions regarding SC DHEC sample results, please contact Ms. Jennifer Hughes at (803) 898-1992 or hughesjr@dhec.sc.gov. In addition, the SC DHEC website has a dedicated web page with more information regarding Denmark's water system, www.scdhec.gov/denmark.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Shawneille Campbell-Dunbar', with a long horizontal flourish extending to the right.

Shawneille Campbell-Dunbar, Chief
Drinking Water Section

Enclosure

cc (via email): Ms. Jennifer Hughes, SC DHEC
cc (via email): Dr. Mike Marcus, SC DHEC
cc (via email): Mr. Doug Kinard, SC DHEC

Table 1. Voorhees Road Laboratory Results Summary

Voorhees Road		Laboratory		Results		Summary	
	TRC ¹ (mg/L)	Bromide (mg/L)	Iron ² (mg/L)	Manganese ³ (mg/L)	Total Coliform/ E. Coli	TTHM ⁴ (mg/L)	HAAS ⁵ (mg/L)
EPA	0.33	<0.10 U	<0.10 U	0.0055	Absent/Absent	0.00272	ND
SCDHEC	0.31	<0.020	0.024	<0.010	Absent/Absent	0.00296	ND

Notes:

1. TRC is Total Residual Chlorine. The recommended TRC range is 0.20 mg/L to 2.0 mg/L.
2. The Secondary Standard for Iron is 0.3 mg/L.
3. The Secondary Standard for Manganese is 0.05 mg/L.
4. The Maximum Contaminant Level for TTHM is 0.080 mg/L.
5. The Maximum Contaminant Level for HAAS is 0.060 mg/L.
6. "ND" indicates the analyte was not detected or is less than the respective detection limits.

Data Qualifiers:

"U" indicates that the analyte was not detected at or above the reporting limit.
 "Y" indicates that the identification of the analyte is acceptable; the reported value is an estimate.
 "O" indicates that other qualifiers have been assigned providing additional information. These explanatory qualifiers are included in the printable pdf report and in other columns in the export files.



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JUN 13 2019

[REDACTED]

[REDACTED] Wisteria Street
Denmark, South Carolina 29042

Dear [REDACTED]

On April 3, 2019, the Environmental Protection Agency Region 4 Laboratory Services & Applied Science Division and South Carolina Department of Health and Environmental Control (SC DHEC) personnel conducted a drinking water sampling event in the City of Denmark, South Carolina. As part of this study, samples were collected at your home. This sampling event was requested by SC DHEC.

For this study, EPA and SC DHEC coordinated to independently collect drinking water samples, at the same time, and from the same locations. Sampling and measurement activities were in accordance with EPA and SC DHEC operating procedures, respectively.

We analyzed for the following parameters: total coliform/E. coli, total trihalomethanes (TTHMs), iron, manganese, haloacetic acids (HAA5s) and bromide. Results for your property are summarized in Table 1.

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Sincerely,



Shawneille Campbell-Dunbar, Chief
Drinking Water Section

Enclosure

cc (via email): Ms. Jennifer Hughes, SC DHEC
cc (via email): Dr. Mike Marcus, SC DHEC
cc (via email): Mr. Doug Kinard, SC DHEC

Table 1. Wisteria Street Laboratory Results Summary

	Wisteria	Street	Laboratory	Results	Summary		
	TRC ¹ (mg/L)	Bromide (mg/L)	Iron ² (mg/L)	Manganese ³ (mg/L)	Total Coliform/ E. Coli	TTHM ⁴ (mg/L)	HAAS ⁵ (mg/L)
EPA	0.45	<0.10 U	0.24	0.041	Absent/Absent	0.001 U	ND
SCDHEC	0.48	<0.020	0.085	0.014	Absent/Absent	ND	ND

Notes:

1. TRC is Total Residual Chlorine. The recommended TRC range is 0.20 mg/L to 2.0 mg/L.
2. The Secondary Standard for Iron is 0.3 mg/L.
3. The Secondary Standard for Manganese is 0.05 mg/L.
4. The Maximum Contaminant Level for TTHM is 0.080 mg/L.
5. The Maximum Contaminant Level for HAAS is 0.060 mg/L.
6. "ND" indicates the analyte was not detected or is less than the respective detection limits.

Data Qualifiers:

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JUN 13 2019

[REDACTED]

[REDACTED] Heritage Highway
Denmark, South Carolina 29042

Dear [REDACTED]

On April 3, 2019, the Environmental Protection Agency Region 4 Laboratory Services & Applied Science Division and South Carolina Department of Health and Environmental Control (SC DHEC) personnel conducted a drinking water sampling event in the City of Denmark, South Carolina. As part of this study, samples were collected at your home. This sampling event was requested by SC DHEC.

For this study, EPA and SC DHEC coordinated to independently collect drinking water samples, at the same time, and from the same locations. Sampling and measurement activities were in accordance with EPA and SC DHEC operating procedures, respectively.

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Shawneille Campbell-Dunbar, Chief
Drinking Water Section

Enclosure

cc (via email): Ms. Jennifer Hughes, SC DHEC
cc (via email): Dr. Mike Marcus, SC DHEC
cc (via email): Mr. Doug Kinard, SC DHEC

Table 1. Heritage Highway Laboratory Results Summary

	Heritage	Highway	Laboratory	Results	Summary		
	TRC ¹ (mg/L)	Bromide (mg/L)	Iron ² (mg/L)	Manganese ³ (mg/L)	Total Coliform/ E. Coli	TTHM ⁴ (mg/L)	HAAS ⁵ (mg/L)
EPA	0.19	<0.10 U	<0.10 U	<0.005 U	Absent/Absent	0.00076	ND
SCDHEC	0.14	<0.020	<0.020	<0.010	Absent/Absent	0.00221	ND

Notes:

1. TRC is Total Residual Chlorine the recommended TRC range is 0.20 mg/L to 2.0 mg/L.
2. The Secondary Standard for Iron is 0.3 mg/L.
3. The Secondary Standard for Manganese is 0.05 mg/L.
4. The Maximum Contaminant Level for TTHM is 0.080 mg/L.
5. The Maximum Contaminant Level for HAAS is 0.060 mg/L.
6. "ND" indicates the analyte was not detected or is less than the respective detection limits.

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[REDACTED]
[REDACTED]
Denmark, South Carolina 29042

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Sincerely,

A handwritten signature in blue ink, consisting of several overlapping loops and a long horizontal stroke extending to the right.

Shawneille Campbell-Dunbar, Chief
Drinking Water Section

Enclosure

cc (via email): Ms. Jennifer Hughes, SC DHEC
cc (via email): Dr. Mike Marcus, SC DHEC
cc (via email): Mr. Doug Kinard, SC DHEC

Table 1. Sawdust Avenue Laboratory Results Summary

	Sawdust	Avenue	Laboratory	Results	Summary		
	TRC ¹ (mg/L)	Bromide (mg/L)	Iron ² (mg/L)	Manganese ³ (mg/L)	Total Coliform/ E. Coli	TTHM ⁴ (mg/L)	HAA5 ⁵ (mg/L)
EPA	0.34	<0.10 U	<0.10 U	<0.005 U	Absent/Absent	0.00095	ND
SCDHEC	0.26	<0.020	<0.020	<0.010	Absent/Absent	0.00227	ND

Notes:

1. TRC is Total Residual Chlorine the recommended TRC range is 0.20 mg/L to 2.0 mg/L.
2. The Secondary Standard for Iron is 0.3 mg/L.
3. The Secondary Standard for Manganese is 0.05 mg/L.
4. The Maximum Contaminant Level for TTHM is 0.080 mg/L.
5. The Maximum Contaminant Level for HAA5 is 0.060 mg/L.
6. "ND" indicates the analyte was not detected or is less than the respective detection limits.

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ATLANTA, GEORGIA 30303-8960

JUN 13 2019

[REDACTED]

[REDACTED] Locust Avenue
Denmark, South Carolina 29042

Dear [REDACTED]

On April 3, 2019, the Environmental Protection Agency Region 4 Laboratory Services & Applied Science Division and South Carolina Department of Health and Environmental Control (SC DHEC) personnel conducted a drinking water sampling event in the City of Denmark, South Carolina. As part of this study, samples were collected at your home. This sampling event was requested by SC DHEC.

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Shawneille Campbell-Dunbar, Chief
Drinking Water Section

Enclosure

cc (via email): Ms. Jennifer Hughes, SC DHEC

cc (via email): Dr. Mike Marcus, SC DHEC

cc (via email): Mr. Doug Kinard, SC DHEC

Table 1. Locust Avenue Laboratory Results Summary

	Locust	Avenue	Laboratory	Results	Summary		
	TRC ¹ (mg/L)	Bromide (mg/L)	Iron ² (mg/L)	Manganese ³ (mg/L)	Total Coliform/ E. Coli	TTHM ⁴ (mg/L)	HAA5 ⁵ (mg/L)
EPA	0.64	<0.10 U	<0.10 U	<0.005 U	Absent/Absent	0.001 U	ND
SCDHEC	0.63	<0.020	<0.020	<0.010	Absent/Absent	ND	ND

Notes:

1. TRC is Total Residual Chlorine. The recommended TRC range is 0.20 mg/L to 2.0 mg/L.
2. The Secondary Standard for Iron is 0.3 mg/L.
3. The Secondary Standard for Manganese is 0.05 mg/L.
4. The Maximum Contaminant Level for TTHM is 0.080 mg/L.
5. The Maximum Contaminant Level for HAA5 is 0.060 mg/L.
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JUN 13 2019

[REDACTED]

[REDACTED] Spruce Street
Denmark, South Carolina 29042

Dear [REDACTED]

On April 3, 2019, the Environmental Protection Agency Region 4 Laboratory Services & Applied Science Division and South Carolina Department of Health and Environmental Control (SC DHEC) personnel conducted a drinking water sampling event in the City of Denmark, South Carolina. As part of this study, samples were collected at your home. This sampling event was requested by SC DHEC.

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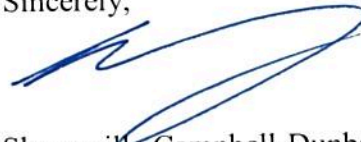
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Shawneille Campbell-Dunbar, Chief
Drinking Water Section

Enclosure

cc (via email): Ms. Jennifer Hughes, SC DHEC
cc (via email): Dr. Mike Marcus, SC DHEC
cc (via email): Mr. Doug Kinard, SC DHEC

Table 1. Spruce Street Laboratory Results Summary

	Spruce	Street	Laboratory	Results	Summary		
	TRC ¹ (mg/L)	Bromide (mg/L)	Iron ² (mg/L)	Manganese ³ (mg/L)	Total Coliform/ E. Coil	TTHM ⁴ (mg/L)	HAAS ⁵ (mg/L)
EPA	0.52	<0.10 U	<0.10 U	0.011	Absent/Absent	0.001 U	ND
SCDHEC	0.69	<0.020	0.062	0.01	Absent/Absent	0.00137	ND

Notes:

1. TRC is Total Residual Chlorine. The recommended TRC range is 0.20 mg/L to 2.0 mg/L.
2. The Secondary Standard for Iron is 0.3 mg/L.
3. The Secondary Standard for Manganese is 0.05 mg/L.
4. The Maximum Contaminant Level for TTHM is 0.080 mg/L.
5. The Maximum Contaminant Level for HAAS is 0.060 mg/L.
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ATLANTA, GEORGIA 30303-8960

JUN 13 2019

[REDACTED]
[REDACTED] Chestnut Avenue
Denmark, South Carolina 29042

Dear [REDACTED]

On April 3, 2019, the Environmental Protection Agency Region 4 Laboratory Services & Applied Science Division and South Carolina Department of Health and Environmental Control (SC DHEC) personnel conducted a drinking water sampling event in the City of Denmark, South Carolina. As part of this study, samples were collected at your home. This sampling event was requested by SC DHEC.

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- HAA5 results were non-detect (ND).
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Shawneille Campbell-Dunbar, Chief
Drinking Water Section

Enclosure

cc (via email): Ms. Jennifer Hughes, SC DHEC

cc (via email): Dr. Mike Marcus, SC DHEC

cc (via email): Mr. Doug Kinard, SC DHEC

Table 1. Chestnut Laboratory Results Summary

	Chestnut	Avenue	Laboratory	Results	Summary		
	TRC ¹ (mg/L)	Bromide (mg/L)	Iron ² (mg/L)	Manganese ³ (mg/L)	Total Coliform/ E. Coli	TTHM ⁴ (mg/L)	HAA5 ⁵ (mg/L)
EPA	0.67	<0.10 U	<0.10 U	<0.005 U	Absent/Absent	0.001 U	ND
SCDHEC	0.76	<0.020	<0.020	<0.010	Absent/Absent	0.00173	ND

Notes:

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3. The Secondary Standard for Manganese is 0.05 mg/L.
4. The Maximum Contaminant Level for TTHM is 0.080 mg/L.
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[REDACTED]

[REDACTED] East Richards Street
Denmark, South Carolina 29042

Dear [REDACTED]

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Drinking Water Section

Enclosure

cc (via email): Ms. Jennifer Hughes, SC DHEC

cc (via email): Dr. Mike Marcus, SC DHEC

cc (via email): Mr. Doug Kinard, SC DHEC

Table 1. East Richards Street Laboratory Results Summary

	East	Richards	Street	Laboratory	Results	Summary
	TRC ¹ (mg/L)	Bromide (mg/L)	Iron ² (mg/L)	Manganese ³ (mg/L)	Total Coliform/ E. Coli	TTHM ⁴ (mg/L)
EPA	0.27	<0.10 U	<0.10 U	<0.005 U	Absent/Absent	0.001 U
SC DHEC	0.3	<0.020	0.085	<0.010	Absent/Absent	ND
						HAA5 ⁵ (mg/L)
						ND

Notes:

1. TRC is Total Residual Chlorine. The recommended TRC range is 0.20 mg/L to 2.0 mg/L.
2. The Secondary Standard for Iron is 0.3 mg/L.
3. The Secondary Standard for Manganese is 0.05 mg/L.
4. The Maximum Contaminant Level for TTHM is 0.080 mg/L.
5. The Maximum Contaminant Level for HAA5 is 0.060 mg/L.
6. "ND" indicates the analyte was not detected or is less than the respective detection limits.

Data Qualifiers:

"U" indicates that the analyte was not detected at or above the reporting limit.
 "Y" indicates that the identification of the analyte is acceptable; the reported value is an estimate.
 "O" indicates that other qualifiers have been assigned providing additional information. These explanatory qualifiers are included in the printable pdf report and in other columns in the export files.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 4
ATLANTA FEDERAL CENTER
61 FORSYTH STREET
ATLANTA, GEORGIA 30303-8960

JUN 13 2019

[REDACTED]
[REDACTED] Wheat Street
Denmark, South Carolina 29042

Dear [REDACTED]

On April 3, 2019, the Environmental Protection Agency Region 4 Laboratory Services & Applied Science Division and South Carolina Department of Health and Environmental Control (SC DHEC) personnel conducted a drinking water sampling event in the City of Denmark, South Carolina. As part of this study, samples were collected at your home. This sampling event was requested by SC DHEC.

For this study, EPA and SC DHEC coordinated to independently collect drinking water samples, at the same time, and from the same locations. Sampling and measurement activities were in accordance with EPA and SC DHEC operating procedures, respectively.

We analyzed for the following parameters: total coliform/E. coli, total trihalomethanes (TTHMs), iron, manganese, haloacetic acids (HAA5s) and bromide. Results for your property are summarized in Table 1.

- Microbiological results for total coliform and E. coli were "absent."
- HAA5 results were non-detect (ND).
- TTHM results were below the Maximum Contaminant Level (MCL) of 0.080 mg/L.
- Bromide results were below the minimum reporting level.
- Iron and manganese results did not exceed any of the MCLs for National Secondary Drinking Water Regulations.

The analytical results of this study indicated that none of the samples exceeded the applicable MCLs for the EPA National Primary Drinking Water Regulations or the State Primary Drinking Water Regulations for the parameters of interest.

Thank you for allowing us to collect samples at your home. If you have any questions regarding the EPA sample results, please contact Ms. Janine Morris, of my staff at (404) 562-9480 or morris.janine@epa.gov. For questions regarding SC DHEC sample results, please contact Ms. Jennifer Hughes at (803) 898-1992 or hughesjr@dhec.sc.gov. In addition, the SC DHEC website has a dedicated web page with more information regarding Denmark's water system, www.scdhec.gov/denmark.

Sincerely,



Shawneille Campbell-Dunbar, Chief
Drinking Water Section

Enclosure

cc (via email): Ms. Jennifer Hughes, SC DHEC
cc (via email): Dr. Mike Marcus, SC DHEC
cc (via email): Mr. Doug Kinard, SC DHEC

Table 1. Wheat Street Laboratory Results Summary

	Wheat	Street	Laboratory	Results	Summary		
	TRC ¹ (mg/L)	Bromide (mg/L)	Iron ² (mg/L)	Manganese ³ (mg/L)	Total Coliform/ E. Coli	TTHM ⁴ (mg/L)	HAA5 ⁵ (mg/L)
EPA	0.55	<0.10 U, J, O ⁶	0.12	0.0079	Absent/Absent	0.001U	ND ⁶
SCDHEC	0.55	<0.020	0.098	<0.010	Absent/Absent	ND ⁶	ND

Notes:

1. TRC is Total Residual Chlorine. The recommended TRC range is 0.20 mg/L to 2.0 mg/L.
2. The Secondary Standard for Iron is 0.3 mg/L.
3. The Secondary Standard for Manganese is 0.05 mg/L.
4. The Maximum Contaminant Level for TTHM is 0.080 mg/L.
5. The Maximum Contaminant Level for HAA5 is 0.060 mg/L.
6. "ND" indicates the analyte was not detected or is less than the respective detection limits.

Data Qualifiers:

"U" indicates that the analyte was not detected at or above the reporting limit.
 "J" indicates that the identification of the analyte is acceptable; the reported value is an estimate.
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 4
ATLANTA FEDERAL CENTER
61 FORSYTH STREET
ATLANTA, GEORGIA 30303-8960

JUN 13 2019

[REDACTED]
Denmark, South Carolina 29042

Dear [REDACTED]

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We analyzed for the following parameters: total coliform/E. coli, total trihalomethanes (TTHMs), iron, manganese, haloacetic acids (HAA5s) and bromide. Results for your property are summarized in Table 1.

- Microbiological results for total coliform and E. coli were "absent."
- HAA5 results were non-detect (ND).
- TTHM results were below the Maximum Contaminant Level (MCL) of 0.080 mg/L.
- Bromide results were below the minimum reporting level.
- Iron and manganese results did not exceed any of the MCLs for National Secondary Drinking Water Regulations.

The analytical results of this study indicated that none of the samples exceeded the applicable MCLs for the EPA National Primary Drinking Water Regulations or the State Primary Drinking Water Regulations for the parameters of interest.

Thank you for allowing us to collect samples at your home. If you have any questions regarding the EPA sample results, please contact Ms. Janine Morris, of my staff at (404) 562-9480 or morris.janine@epa.gov. For questions regarding SC DHEC sample results, please contact Ms. Jennifer Hughes at (803) 898-1992 or hughesjr@dhec.sc.gov. In addition, the SC DHEC website has a dedicated web page with more information regarding Denmark's water system, www.scdhec.gov/denmark.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Shawneille Campbell-Dunbar', with a stylized flourish at the end.

Shawneille Campbell-Dunbar, Chief
Drinking Water Section

Enclosure

cc (via email): Ms. Jennifer Hughes, SC DHEC

cc (via email): Dr. Mike Marcus, SC DHEC

cc (via email): Mr. Doug Kinard, SC DHEC

Table 1. Locust Street Laboratory Results Summary

	Locust	Street	Laboratory	Results	Summary		
	TRC ¹ (mg/L)	Bromide (mg/L)	Iron ² (mg/L)	Manganese ³ (mg/L)	Total Coliform/ E. Coli	TTHM ⁴ (mg/L)	HAA5 ⁵ (mg/L)
EPA	0.52	<0.10 U	0.14	0.025	Absent/Absent	0.00108	ND
SC DHEC	0.51	<0.020	0.14	0.024	Absent/Absent	0.00221	ND

Notes:

1. TRC is Total Residual Chlorine. The recommended TRC range is 0.20 mg/L to 2.0 mg/L.
2. The Secondary Standard for Iron is 0.3 mg/L.
3. The Secondary Standard for Manganese is 0.05 mg/L.
4. The Maximum Contaminant Level for TTHM is 0.080 mg/L.
5. The Maximum Contaminant Level for HAA5 is 0.060 mg/L.
6. "ND" indicates the analyte was not detected or is less than the respective detection limits.

Data Qualifiers:

"U" indicates that the analyte was not detected at or above the reporting limit.

"J" indicates that the identification of the analyte is acceptable; the reported value is an estimate.

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