

Dominion Resources Services, Inc.
5000 Dominion Boulevard, Glen Allen, VA 23060
Web Address: www.dom.com



September 28, 2011

Ms. Susan Hobbs, Library Manager
Major Hillard Library
824 Old George Washington Highway North
Chesapeake, VA 23323

**RE: Data Repository
Chesapeake Energy Center
2701 Veeco Street
Chesapeake, Virginia 23323**

Dear Ms. Hobbs:

Please find attached, two documents related to Dominion's Chesapeake Energy Center (CEC) industrial landfill. The Major Hillard Library is the public data repository for information submitted by Dominion to the Virginia Department of Environmental Quality relating to the CEC landfill Corrective Action Monitoring Program. Throughout the life of the program, Dominion will place on file with the Library copies of associated materials, which should be made available for public viewing until Dominion provides notice. Please include the following documents with related CEC materials currently being held for public viewing at the library:

July 6, 2011

*Summary of Corrective Action Monitoring Data
Chesapeake Energy Center, Landfill Permit No. 440*

September 26, 2011

*Summary of Corrective Action Monitoring Data
Chesapeake Energy Center, Landfill Permit No. 440*

Thank you for your assistance and please do not hesitate to call Mr. Donald Hintz of Dominion's Electric Environmental Services Department at (804) 273-3552 should there be any questions and/or comments.

Sincerely,

Cathy C. Taylor
Director, Environmental Services

Attachments

Data Repository
Chesapeake Energy Center
Chesapeake, Virginia

cc (cover letter only):

Geoff Christe
Geoff.Christe@deq.virginia.gov

Milt Johnston
mljohnston@deq.virginia.gov

Dominion Resources Services, Inc.
5000 Dominion Boulevard, Glen Allen, VA 23060
Web Address: www.dom.com



July 6, 2011

Ms. Rachel Patton
Department of Environmental Quality
Tidewater Regional Office
5636 Southern Boulevard
Virginia Beach, VA 23462

**RE: Summary of Corrective Action Monitoring Data
Chesapeake Energy Center, Landfill Permit No. 440**

Dear Ms. Patton:

Please find enclosed the results of the first quarterly groundwater monitoring event pursuant to the Corrective Action Plan and Corrective Action Monitoring Plan for the Chesapeake Energy Center Ash Landfill, Chesapeake, Virginia. The next quarterly sampling event is scheduled to occur in July 2011.

Should you have any questions or comments, please feel free to contact me at (804) 273-2929, or Donald Hintz of Dominion Electric Environmental Services at (804) 273-3552.

Sincerely,

A handwritten signature in cursive script that reads "Cathy C. Taylor".

Cathy C. Taylor
Director
Electric Environmental Services

Enclosures

Ms. Rachel Patton
July 6, 2011
Page 2

cc: Geoff Christe
Geoff.Christe@deq.virginia.gov

Milt Johnston
mljohnston@deq.virginia.gov

Summary of Corrective Action Monitoring Data - April 6-7, 2011
Chesapeake Energy Center Industrial Landfill - Permit #440
Chesapeake, Virginia

Groundwater Monitoring Wells

Parameter Name	LOD	LOQ	MW-5	MW-5D	CECW-1	CECW-1 DUP	CECW-1D	CECW-1D DUP	CECW-2	CECW-2D	CECW-3	CECW-3D	CECW-6D	CECW-6I	CECW-8	CECW-8D	CECW-10R	CECW-15	PO-8	PO-8D	PO-10	FIELD BLANK	
Sample Date			4/6/2011	4/6/2011	4/6/2011	4/6/2011	4/6/2011	4/6/2011	4/6/2011	4/6/2011	4/7/2011	4/7/2011	4/6/2011	4/6/2011	4/7/2011	4/7/2011	4/7/2011	4/7/2011	4/7/2011	4/6/2011	4/7/2011	4/6/2011	
Primary Constituents (µg/L)																							
Arsenic, dissolved	3	10	<3	<3	57	44	21	25	<3	45	20	191	24	274	NS	8 J	28	<3	19	4 J	151	<3	
Arsenic III	0.19/0.53	0.19/0.53	0.46	0.48	45.0	NT	23.2	24.0	<0.53	35.6	1.98	127	24.8	236	NS	20.1	14.0	<0.53	<0.53	3.36	93.3	<0.53	
Arsenic V	0.88/1.5	0.88/1.5	3.12	2.20	8.9	NT	4.75	4.10	<1.5	3.93	64.3	7.06	5.23	9.92	NS	19.8	3.57	<1.5	<1.5	2.03	13.6	<1.5	
Beryllium, dissolved	0.2	1	<0.2	1.0	<0.2	<0.2	<0.2	<0.2	0.6 J	<0.2	<0.2	<0.2	0.6 J	<0.2	NS	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	
Cobalt, dissolved	0.6	3	<0.6	191.9	<0.6	<0.6	<0.6	<0.6	2.7 J	<0.6	10.4	<0.6	7.8	2.3 J	NS	1.0 J	<0.6	0.9 J	<0.6	8.2	<0.6	<0.6	
Sulfide, dissolved	--	--	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NS	NT	NT	NT	NT	NT	NT	NT	
Water Quality Parameters (mg/L)																							
Iron, dissolved	0.05	0.25	0.12 J	289.70	2.48	2.55	7.91	8.52	0.76	14.06	0.29	1.26	15.96	16.96	NS	23.59	5.74	32.69	0.05 J	8.61	2.05	<0.05	
Iron, total	0.05	0.25	0.50	294.60	3.05	3.14	9.07	9.00	1.06	15.23	3.44	1.72	16.04	18.00	NS	37.47	9.09	34.63	0.09 J	11.53	2.33	<0.05	
Manganese	0.02	0.05	<0.02	7.69	0.15	0.15	0.59	0.56	0.31	0.40	0.25	0.14	0.36	0.44	NS	0.34	0.25	0.37	0.28	0.19	0.14	<0.02	
Sulfate	--	--	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NS	NT	NT	NT	NT	NT	NT	NT	
Field Measurements																							
Dissolved Oxygen (mg/L)	N/A	N/A	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NS	NT	NT	NT	NT	NT	NT	NT	--
Oxidation Reduction Potential (mV)	N/A	N/A	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NS	NT	NT	NT	NT	NT	NT	NT	--
pH (S.U.)	N/A	N/A	6.57	5.69	6.61	6.60	7.01	7.00	7.07	6.40	7.75	7.85	5.41	7.12	NS	6.36	6.10	4.93	7.75	6.16	7.52	--	
Specific Conductance (umhos)	N/A	N/A	376	14500	6510	6520	25700	25700	12450	29000	21600	31400	21700	10980	NS	29800	28100	30400	4770	4250	30800	--	
Temperature (Degrees Celsius)	N/A	N/A	14.55	18.52	15.16	15.18	17.56	17.61	15.40	17.31	16.88	19.43	17.82	17.76	NS	16.41	13.44	15.21	15.09	17.88	14.63	--	
Turbidity (NTU)	N/A	N/A	11.92	10.68	7.42	7.00	3.94	3.91	13.28	11.33	30.10	18.46	19.26	1.95	NS	6.41	362	2.72	8.13	41.0	7.34	--	

Surface Water

Parameter Name	LOD	LOQ	SW-1	SW-2	SW-3	SW-4
Sample Date			4/6/2011	4/6/2011	4/6/2011	4/6/2011
Primary Constituents (µg/L)						
Arsenic, total	3	10	<3	<3	5 J	<3
Arsenic, dissolved	3	10	<3	<3	6 J	<3
Arsenic III	0.19/0.53	0.19/0.53	<0.19	0.27	2.21	<0.53
Arsenic V	0.88/1.5	0.88/1.5	1.28	2.64	2.37	<1.5
Water Quality Parameters (mg/L)						
Iron, dissolved	0.05	0.25	0.46	0.29	0.46	0.63
Iron, total	0.05	0.25	0.84	1.03	2.25	1.04
Total Suspended Solids	1	10	13.2	32.4	67.7	7.8 J
Field Measurements						
Dissolved Oxygen (mg/L)	N/A	N/A	NT	NT	NT	NT
Oxidation Reduction Potential (mV)	N/A	N/A	NT	NT	NT	NT
pH (S.U.)	N/A	N/A	7.16	7.48	7.39	6.82
Specific Conductance (umhos)	N/A	N/A	21900	21500	19300	15300
Temperature (Degrees Celsius)	N/A	N/A	22.00	20.85	19.39	18.74
Turbidity (NTU)	N/A	N/A	13.75	26.60	30.80	13.39

Notes:

LOD = Limit of detection
 LOQ = Limit of quantitation
 mg/L = Milligrams per liter
 mV = Millivolts
 N/A = Not applicable
 NS = Not sampled; due to insufficient water
 NT = Not tested
 NTU = Nephelometric Turbidity Units
 S.U. = Standard units
 umhos = Micromhos
 µg/L = Micrograms per liter
Bold font = Detected concentration

Data Qualifiers:

J = Concentration is between LOD and LOQ, and is considered estimated.

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September 26, 2011

Ms. Rachel Patton
Department of Environmental Quality
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Virginia Beach, VA 23462

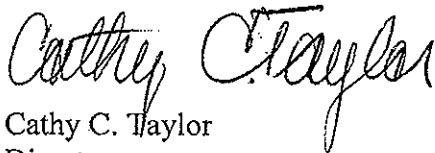
**RE: Summary of Corrective Action Monitoring Data
Chesapeake Energy Center, Landfill Permit No. 440**

Dear Ms. Patton:

Please find enclosed the results of the second quarterly groundwater monitoring event pursuant to the Corrective Action Plan and Corrective Action Monitoring Plan for the Chesapeake Energy Center Ash Landfill, Chesapeake, Virginia. The next quarterly sampling event is scheduled to occur in October 2011.

Should you have any questions or comments, please feel free to contact me at (804) 273-2929, or Donald Hintz of Dominion Electric Environmental Services at (804) 273-3552.

Sincerely,



Cathy C. Taylor
Director
Electric Environmental Services

Enclosure

Ms. Rachel Patton
September 26, 2011
Page 2

cc: Geoff Christe
Geoff.Christe@deq.virginia.gov

Milt Johnston
mljohnston@deq.virginia.gov

Table 1
Summary of Corrective Action Monitoring Data
2011 3rd Quarter (July 19-20, 2011)
Chesapeake Energy Center Industrial Landfill - Permit #440
Chesapeake, Virginia

Groundwater Monitoring Wells

Parameter Name	Sample Date	LOD	LOQ	MW-5	MW-5D	CECW-1	CECW-1D	CECW-2	CECW-2D	CECW-3	CECW-3D	CECW-6D	CECW-6D DUP	CECW-6I	CECW-8	CECW-8D	CECW-10R	CECW-15	PO-8	PO-8D	PO-10	FIELD BLANK
				7/19/2011	7/19/2011	7/19/2011	7/19/2011	7/19/2011	7/19/2011	7/19/2011	7/19/2011	7/19/2011	7/19/2011	7/19/2011	7/19/2011	7/19/2011	7/20/2011	7/20/2011	7/20/2011	7/20/2011	7/19/2011	7/19/2011
Primary Constituents (µg/L)																						
Arsenic, total		3	10	6 J	<3	78	26	<3	55	2304	182	32	30	323	<3	16	74	<3	19	3 J	167	<3
Arsenic, dissolved		3	10	5 J	<3	76	24	<3	43	15	180	28 °	28	257	3 J	15	54	<3	17	3 J	178	<3
Arsenic III		0.004	0.004	3.50	0.66	58.5	23.8	0.49	39.9	7.91	126	28.9	30.3	243	0.71	14.0	19.1	0.40	0.23	2.76	96.9	<0.004
Arsenic V		0.005	0.005	1.65	1.10	9.99	2.72	0.50	2.49	752	7.13	2.39	2.73	10.0	0.33	3.64	2.41	0.28	0.43	1.06	4.81	<0.005
Beryllium, total		0.2	1	<0.2	0.7 J	<0.2	<0.2	7.0	<0.2	3.0	<0.2	0.4 J	0.4 J	<0.2	<0.2	<0.2	<0.2	0.2 J	<0.2	<0.2	<0.2	<0.2
Beryllium, dissolved		0.2	1	<0.2	0.6 J	<0.2	<0.2	3.8	<0.2	<0.2	<0.2	0.3 J	0.3 J	<0.2	<0.2	<0.2	<0.2	0.2 J	<0.2	<0.2	<0.2	<0.2
Cobalt, total		0.6	3	1.4 J	141.0	<0.6	<0.6	15.3	<0.6	288.2	1.2 J	7.4	6.7	1.7 J	<0.6	<0.6	<0.6	1.7 J	<0.6	1.4 J	<0.6	<0.6
Cobalt, dissolved		0.6	3	0.7 J	134.5	<0.6	<0.6	9.4	<0.6	6.6	<0.6	6.0	0.9 J	<0.6	<0.6	<0.6	<0.6	1.4 J	<0.6	8.7	<0.6	<0.6
Sulfide		0.0002	200	<0.0002	<0.0002	400	200	<0.0002	400	<0.0002	8,800	<0.0002	NT	200	133,000	<0.0002	<0.0002	<0.0002	400	400	<0.0002	<0.0002
Water Quality Parameters (mg/L)																						
Iron, dissolved		0.05	0.25	2.98	248.60	5.36	6.62	10.32	13.86	<0.05	0.96	13.81	13.12	18.20	<0.05	24.29	2.67	34.28	<0.05	9.53	2.13	<0.05
Iron, total		0.05	0.25	5.46	260.70	6.80	8.15	14.11	15.38	101.30	1.69	14.16	13.33	18.61	0.11 J	25.99	3.67	34.53	<0.05	10.50	2.41	<0.05
Manganese		0.02	0.05	0.13	5.57	0.18	0.47	0.64	0.33	3.27	0.06	0.32	0.32	0.41	<0.02	0.25	0.11	0.35	0.24	0.22	0.08	<0.02
Sulfate		--	--	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Field Measurements																						
Dissolved Oxygen (mg/L)		N/A	N/A	0.30	0.60	1.98	0.53	0.40	0.59	2.87	0.17	0.28	0.28	0.62	0.05	0.72	1.17	0.46	2.00	0.40	0.93	--
Oxidation Reduction Potential (mV)		N/A	N/A	159	283	103	208	-55	14	262	-26	288	288	15	-212	136	-66	370	-86	228	28	--
pH (S.U.)		N/A	N/A	5.66	5.31	6.65	6.47	6.21	6.47	6.85	7.45	5.72	5.72	6.74	7.89	6.32	6.38	4.97	7.21	6.39	6.88	--
Specific Conductance (µS/cm)		N/A	N/A	802	18000	6500	23400	11140	28500	22800	32200	20800	20800	13790	30700	30100	29400	29600	4410	4119	30400	--
Temperature (Degrees Celsius)		N/A	N/A	22.23	27.96	22.15	19.87	24.28	19.16	17.36	20.51	19.67	19.70	19.46	27.42	17.63	22.59	19.62	20.27	20.26	23.49	--
Turbidity (NTU)		N/A	N/A	4.49	6.63	4.95	2.18	19.6	11.55	34.8	20.5	7.26	6.09	0.87	2.04	26.3	99.2	1.89	5.93	33.0	3.25	--

Surface Water

Parameter Name	Sample Date	LOD	LOQ	SW-1	SW-2	SW-3	SW-4	SW-4 DUP	FIELD BLANK
				7/20/2011	7/20/2011	7/20/2011	7/20/2011	7/20/2011	7/20/2011
Primary Constituents (µg/L)									
Arsenic, total		3	10	<3	<3	<3	<3	<3	<3
Arsenic, dissolved		3	10	<3	<3	<3	<3	<3	<3
Arsenic III		0.004	0.004	0.32	0.31	0.32	0.27	<0.004	NT
Arsenic V		0.005	0.005	1.38	1.58	1.31	1.91	1.48	NT
Water Quality Parameters (mg/L)									
Iron, dissolved		0.05	0.25	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Iron, total		0.05	0.25	0.34	0.36	0.19 J	0.19 J	0.19 J	<0.05
Total Suspended Solids		1	1	14.0	12.6	5.8	34.1	50.7	<1
Field Measurements									
Dissolved Oxygen (mg/L)		N/A	N/A	3.73	4.85	5.99	6.66	6.61	--
Oxidation Reduction Potential (mV)		N/A	N/A	328	314	354	323	323	--
pH (S.U.)		N/A	N/A	7.29	7.40	7.27	7.52	7.52	--
Specific Conductance (µS/cm)		N/A	N/A	31150	31400	31300	31700	31500	--
Temperature (Degrees Celsius)		N/A	N/A	37.40	38.21	33.59	35.05	35.12	--
Turbidity (NTU)		N/A	N/A	2.95	2.96	3.60	2.87	2.81	--

Notes:

LOD = Limit of detection
 LOQ = Limit of quantitation
 mg/L = Milligrams per liter
 mV = Millivolts
 N/A = Not applicable
 NT = Not tested
 NTU = Nephelometric Turbidity Units
 S.U. = Standard units
 µg/L = Micrograms per liter
 µS/cm = MicroSiemens per centimeter
 Bold font = Detected concentration

Data Qualifiers:

J = Concentration is between LOD and LOQ, and is considered estimated

Table 1
Summary of Corrective Action Monitoring Data
2011 3rd Quarter (July 19-20, 2011)
Chesapeake Energy Center Industrial Landfill - Permit #440
Chesapeake, Virginia

Groundwater Monitoring Wells

Parameter Name	LOD	LOQ	MW-5	MW-5D	CECW-1	CECW-1D	CECW-2	CECW-2D	CECW-3	CECW-3D	CECW-6D	CECW-6D DUP	CECW-6I	CECW-8	CECW-8D	CECW-10R	CECW-15	PO-8	PO-8D	PO-10	PO-10D	FIELD BLANK
Sample Date			7/19/2011	7/19/2011	7/19/2011	7/19/2011	7/19/2011	7/19/2011	7/19/2011	7/19/2011	7/19/2011	7/19/2011	7/19/2011	7/20/2011	7/20/2011	7/20/2011	7/20/2011	7/19/2011	7/19/2011	7/20/2011	7/20/2011	7/20/2011
Primary Performance Parameters (µg/L)																						
Arsenic, total	3	10	6 J	<3	78	26	<3	55	2304	182	32	30	323	<3	16	74	<3	19	3 J	167	135	<3
Arsenic, dissolved	3	10	5 J	<3	76	24	<3	43	15	180	28	28	257	3 J	15	54	<3	17	3 J	178	135	<3
Arsenic III	0.004	0.004	3.5	0.66	58.5	23.8	0.49	39.9	7.91	126	28.9	30.3	243	0.71	14	19.1	0.4	0.23	2.76	96.9	91.4	<0.004
Arsenic V	0.005	0.005	1.65	1.1	9.99	2.72	0.5	2.49	752	7.13	2.39	2.73	10	0.33	3.64	2.41	0.28	0.43	1.06	4.81	4.32	<0.005
Beryllium, total	0.2	1	<0.2	0.7 J	<0.2	<0.2	7.0	<0.2	3.0	<0.2	0.4 J	0.4 J	<0.2	<0.2	<0.2	<0.2	0.2 J	<0.2	<0.2	<0.2	<0.2	<0.2
Beryllium, dissolved	0.2	1	<0.2	0.6 J	<0.2	<0.2	3.8	<0.2	<0.2	<0.2	0.3 J	0.3 J	<0.2	<0.2	<0.2	<0.2	0.2 J	<0.2	<0.2	<0.2	<0.2	<0.2
Cobalt, total	0.6	3	1.4 J	141.0	<0.6	<0.6	15.3	<0.6	288.2	1.2 J	7.4	6.7	1.7 J	<0.6	<0.6	<0.6	1.7 J	<0.6	10.8	<0.6	<0.6	<0.6
Cobalt, dissolved	0.6	3	0.7 J	134.5	<0.6	<0.6	9.4	<0.6	6.6	<0.6	6.0	6.0	0.9 J	<0.6	<0.6	<0.6	1.4 J	<0.6	8.7	<0.6	<0.6	<0.6
Sulfide	0.0002	200	<0.0002	<0.0002	400	200	<0.0002	400	<0.0002	8,800	<0.0002	NT	200	133,000	<0.0002	<0.0002	<0.0002	400	400	<0.0002	400	<0.0002
Performance Parameters (mg/L)																						
Iron, dissolved	0.05	0.25	2.98	248.60	5.36	6.62	10.32	13.86	<0.05	0.96	13.81	13.12	18.20	<0.05	24.29	2.67	34.28	<0.05	9.53	2.13	2.30	<0.05
Iron, total	0.05	0.25	5.46	260.70	6.80	8.15	14.11	15.38	101.3	1.69	14.16	13.33	18.61	0.11 J	25.99	3.67	34.53	<0.05	10.50	2.41	2.39	<0.05
Manganese	0.02	0.05	0.13	5.57	0.18	0.47	0.64	0.33	3.27	0.06	0.32	0.32	0.41	<0.02	0.25	0.11	0.35	0.24	0.22	0.08	0.02 J	<0.02
Field Measurements																						
Dissolved Oxygen (mg/L)	N/A	N/A	0.30	0.60	1.98	0.53	0.40	0.59	2.87	0.17	0.28	0.28	0.62	0.05	0.72	1.17	0.46	2.00	0.40	0.93	0.67	--
Oxidation Reduction Potential (mV)	N/A	N/A	159	283	103	208	-55	14	262	-26	288	288	15	-212	136	-66	370	-86	228	28	17	--
pH (S.U.)	N/A	N/A	5.86	5.31	6.65	6.47	6.21	6.47	6.85	7.45	5.72	5.72	6.74	7.89	6.32	6.38	4.97	7.21	6.33	6.88	6.74	--
Specific Conductance (uS/cm)	N/A	N/A	802	18000	6500	23400	11140	28500	22800	32200	20800	20800	13790	30700	30100	29400	29600	4410	4119	30400	28700	--
Temperature (Degrees Celsius)	N/A	N/A	22.23	27.96	22.15	19.87	24.28	19.16	17.36	20.51	19.67	19.70	19.46	27.42	17.63	22.59	19.62	20.27	20.26	23.49	21.23	--
Turbidity (NTU)	N/A	N/A	4.49	6.63	4.95	2.18	19.60	11.55	34.80	20.50	7.26	6.09	0.87	2.04	26.30	98.2	1.89	5.93	33.0	3.25	3.58	--

Surface Water

Parameter Name	LOD	LOQ	SW-1	SW-2	SW-3	SW-4	SW-4 DUP	FIELD BLANK
Sample Date			7/20/2011	7/20/2011	7/20/2011	7/20/2011	7/20/2011	7/20/2011
Primary Constituents (µg/L)								
Arsenic, total	3	10	<3	<3	<3	<3	<3	<3
Arsenic III	0.004	0.004	0.32	0.31	0.32	0.27	<0.004	NT
Arsenic V	0.005	0.005	1.38	1.58	1.31	1.91	1.48	NT
Beryllium, total	0.2	1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Cobalt, total	0.6	3	0.8 J	0.8 J	0.8 J	0.8 J	0.6 J	<0.6
Sulfide	0.0002	200	NT	NT	NT	NT	NT	NT
Water Quality Parameters (mg/L)								
Iron, total	0.05	0.25	0.34	0.36	0.19 J	0.19 J	0.19 J	<0.05
Total Suspended Solids	1	1	14.0	12.6	5.8	34.1	50.7	<1
Field Measurements								
Dissolved Oxygen (mg/L)	N/A	N/A	3.73	4.85	5.99	6.66	6.61	--
Oxidation Reduction Potential (mV)	N/A	N/A	328	314	354	323	323	--
pH (S.U.)	N/A	N/A	7.29	7.40	7.37	7.52	7.52	--
Specific Conductance (uS/cm)	N/A	N/A	31150	31400	31300	31700	31500	--
Temperature (Degrees Celsius)	N/A	N/A	37.40	38.21	33.59	35.05	35.12	--
Turbidity (NTU)	N/A	N/A	2.95	2.96	3.60	2.87	2.81	--

Notes:

LOD = Limit of detection
LOQ = Limit of quantitation
mg/L = Milligrams per liter
mV = Millivolts
N/A = Not applicable
NT = Not tested
NTU = Nephelometric Turbidity Units
S.U. = Standard units
µg/L = Micrograms per liter
uS/cm = MicroSiemens per centimeter
Bold font = Detected concentration

Data Qualifiers:

J = Concentration is between LOD and LOQ, and is considered estimated.