

**BY ELECTRONIC MAIL**

June 24, 2022

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

Dear Library Manager:

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

*Summary of Corrective Action Monitoring Data  
2022 1st Semi-Annual Monitoring (April 18 – April 22, 2022, and May 23, 2022)  
Chesapeake Energy Center Landfill - Permit No. 440  
Chesapeake, Virginia*

Thank you for your assistance and please do not hesitate to call Ms. Catherine Smith of Dominion Energy's Environmental Department at (804) 241-2254 should there be any questions and/or comments.

Sincerely,



Audrey T. Bauhan  
Director, Environmental

Attachment

*Data Repository  
Chesapeake Energy Center  
Chesapeake, Virginia  
June 24, 2022*

cc (cover letter only):

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**Table 1**  
**Summary of Corrective Action Monitoring Data**  
**2022 1st Semi-Annual Monitoring Event (April 18-22 and May 23, 2022)**  
**Chesapeake Energy Center Industrial Landfill - Permit #440**  
**Chesapeake, Virginia**

**Groundwater Monitoring Wells**

Sample ID: Sample Date:	MW-5 4/18/2022				MW-5D 4/18/2022				CECW-1 4/19/2022				CECW-1D 4/19/2022				CECW-2 4/19/2022				CECW-2D 4/19/2022				CECW-3 4/18/2022				CECW-3D 4/18/2022			
	Result	Qual	MDL	RL	Result	Qual	MDL	RL	Result	Qual	MDL	RL	Result	Qual	MDL	RL	Result	Qual	MDL	RL	Result	Qual	MDL	RL	Result	Qual	MDL	RL	Result	Qual	MDL	RL
<b>Primary Performance Parameters (µg/L)</b>																																
Antimony, total	<0.51	U	0.51	2.0	<0.51	U	0.51	2.0	<0.57	U	0.57	2.0	<0.57	U	0.57	2.0	<0.57	U	0.57	2.0	<0.57	U	0.57	2.0	NS	--	--	<0.51	U	0.51	2.0	
Antimony, dissolved	<0.51	U	0.51	2.0	<0.51	U	0.51	2.0	<0.57	U	0.57	2.0	<0.57	U	0.57	2.0	<0.57	U	0.57	2.0	<0.57	U	0.57	2.0	NS	--	--	<0.51	U	0.51	2.0	
Arsenic, total	<b>7.4</b>		0.28	1.0	<b>2.5</b>		0.28	1.0	<b>21</b>		0.75	5.0	<b>94</b>		0.75	5.0	<b>15</b>		0.75	5.0	<b>130</b>		0.75	5.0	NS	--	--	<b>220</b>		0.28	1.0	
Arsenic, dissolved	<b>6.6</b>		0.28	1.0	<b>2.2</b>		0.28	1.0	<b>1100</b>		0.75	5.0	<b>33</b>		0.75	5.0	<b>2.8</b>		0.75	5.0	<b>140</b>		0.75	5.0	NS	--	--	<b>210</b>		0.28	1.0	
Arsenic III (dissolved)	<b>2.1</b>		0.35	0.50	<b>1.3</b>		0.26	0.50	<b>780</b>		38	75	<b>11</b>		0.51	1.0	<b>1.3</b>		0.26	0.50	<b>98</b>		3.8	7.5	NS	--	--	<b>140</b>		3.8	7.5	
Arsenic V (dissolved)	<b>2.6</b>		0.26	0.50	<0.35	UJ	0.35	0.50	<52	U	52	75	<b>17</b>		2.1	3.0	<0.35	U	0.35	0.50	<5.2	UJ	5.2	7.5	NS	--	--	<13	UJ	13	19	
Beryllium, total	<0.27	U	0.27	1.0	<0.27	U	0.27	1.0	<0.62	U	0.62	1.0	<0.62	U	0.62	1.0	<b>3.2</b>		0.62	1.0	<0.62	U	0.62	1.0	NS	--	--	<0.27	U	0.27	1.0	
Beryllium, dissolved	<0.27	U	0.27	1.0	<0.27	U	0.27	1.0	<0.62	U	0.62	1.0	<0.62	U	0.62	1.0	<0.62	U	0.62	1.0	<0.62	U	0.62	1.0	NS	--	--	<0.27	U	0.27	1.0	
Cobalt, total	<b>0.96</b>		0.26	0.50	<b>5.3</b>		0.26	0.50	<b>0.31</b>		0.19	1.0	<b>0.30</b>		0.19	1.0	<b>16</b>		0.19	1.0	<0.19	U	0.19	1.0	NS	--	--	<0.26	U	0.26	0.50	
Cobalt, dissolved	<b>0.66</b>		0.26	0.50	<b>5.0</b>		0.26	0.50	<0.19	U	0.19	1.0	<b>0.27</b>		0.19	1.0	<b>1.3</b>		0.19	1.0	<0.19	U	0.19	1.0	NS	--	--	<0.26	U	0.26	0.50	
Selenium, total	<b>1.2</b>		0.74	5.0	<0.74	U	0.74	5.0	<0.89	U	0.89	5.0	<b>2.1</b>		0.89	5.0	<b>3.5</b>		0.89	5.0	<0.89	U	0.89	5.0	NS	--	--	<0.74	U	0.74	5.0	
Selenium, dissolved	<b>0.83</b>		0.74	5.0	<0.74	U	0.74	5.0	<0.89	U	0.89	5.0	<0.89	U	0.89	5.0	<b>0.94</b>		0.89	5.0	<0.89	U	0.89	5.0	NS	--	--	<0.74	U	0.74	5.0	
Sulfide	<2.1	UJ	2.1	3.0	<2.1	UJ	2.1	3.0	<2.1	UJ	2.1	3.0	<2.1	U	2.1	3.0	<2.1	UJ	2.1	3.0	<2.1	U	2.1	3.0	NS	--	--	<2.1	UJ	2.1	3.0	
Sulfide, dissolved	<2.1	UJ	2.1	3.0	<2.1	UJ	2.1	3.0	<2.1	UJ	2.1	3.0	<2.1	UJ	2.1	3.0	<b>2.1</b>		2.1	3.0	<2.1	U	2.1	3.0	NS	--	--	<2.1	UJ	2.1	3.0	
beta-BHC	<0.0092	U	0.0092	0.050	<0.0098	U	0.0098	0.053	<0.0093	U	0.0093	0.050	<0.0089	U	0.0089	0.048	<0.0097	UJ	0.0097	0.052	<0.0093	U	0.0093	0.050	NS	--	--	<0.0094	U	0.0094	0.051	
<b>Performance Parameters (µg/L)</b>																																
Iron, total	<b>4800</b>		28	50	<b>5900</b>		28	50	<b>3700</b>		47	100	<b>11000</b>		47	100	<b>32000</b>		47	100	<b>5700</b>		47	100	NS	--	--	<b>110</b>		28	50	
Iron, dissolved	<b>4600</b>		28	50	<b>5500</b>		28	50	<b>2600</b>		47	100	<b>6100</b>		47	100	<b>8700</b>		47	100	<b>5600</b>		47	100	NS	--	--	<b>64</b>		28	50	
Manganese	<b>37</b>		1.3	5.0	<b>260</b>		1.3	5.0	<b>120</b>		6.2	10	<b>370</b>		6.2	10	<b>160</b>		6.2	10	<b>180</b>		6.2	10	NS	--	--	<b>13</b>		1.3	5.0	
<b>Field Measurements</b>																																
Dissolved Oxygen (mg/L)	0.51		0.01	0.01	0.06		0.01	0.01	0.45		0.01	0.01	0.61		0.01	0.01	0.78		0.01	0.01	0.04		0.01	0.01	--	--	--	0.73		0.01	0.01	
Oxidation Reduction Potential (mV)	51.6		0.1	0.1	-4.5		0.1	0.1	-67.5		0.1	0.1	-16.1		0.1	0.1	-4.4		0.1	0.1	-89.8		0.1	0.1	--	--	--	-6.0		0.1	0.1	
pH (S.U.)	5.81		0.01	0.01	6.19		0.01	0.01	6.43		0.01	0.01	6.45		0.01	0.01	5.75		0.01	0.01	6.75		0.01	0.01	--	--	--	7.30		0.01	0.01	
Specific Conductance (uS/cm)	257.3		0.1	0.1	2686		0.1	0.1	2497		0.1	0.1	16477		0.1	0.1	3462		0.1	0.1	21908		0.1	0.1	--	--	--	1132		0.1	0.1	
Temperature (Degrees Celsius)	14.4		0.01	0.01	17.3		0.01	0.01	16.0		0.01	0.01	17.6		0.01	0.01	14.9		0.01	0.01	18.0		0.01	0.01	--	--	--	17.0		0.01	0.01	
Turbidity (NTU)	14.73		0.1	0.1	4.03		0.1	0.1	7.77		0.1	0.1	22.9		0.1	0.1	730.06		0.1	0.1	3.32		0.1	0.1	--	--	--	1.28		0.1	0.1	

**Groundwater Monitoring Wells**

Sample ID: Sample Date:	CECW-6I 4/18/2022				CECW-6D 4/18/2022				CECW-8 4/21/2022				CECW-8D 4/21/2022				CECW-10R 4/21/2022				CECW-15 4/22/2022				PO-8 4/19/2022				PO-8D 4/19/2022			
	Result	Qual	MDL	RL	Result	Qual	MDL	RL	Result	Qual	MDL	RL	Result	Qual	MDL	RL	Result	Qual	MDL	RL	Result	Qual	MDL	RL	Result	Qual	MDL	RL	Result	Qual	MDL	RL
<b>Primary Performance Parameters (µg/L)</b>																																
Antimony, total	<b>0.91</b>		0.51	2.0	<0.51	U	0.51	2.0	<0.57	U	0.57	2.0	<0.57	U	0.57	2.0	<0.57	U	0.57	2.0	<0.57	U	0.57	2.0	<0.57	U	0.57	2.0	<0.57	U	0.57	2.0
Antimony, dissolved	<0.51	U	0.51	2.0	<0.51	U	0.51	2.0	<0.57	U	0.57	2.0	<0.57	U	0.57	2.0	<0.57	U	0.57	2.0	<0.57	U	0.57	2.0	<0.57	U	0.57	2.0	<0.57	U	0.57	2.0
Arsenic, total	<b>210</b>		0.28	1.0	<b>92</b>		0.28	1.0	<b>4.2</b>		0.75	5.0	<b>63</b>		0.75	5.0	<b>18</b>		0.75	5.0	<b>1.9</b>		0.75	5.0	<b>17</b>		0.75	5.0	<b>3.9</b>		0.75	5.0
Arsenic, dissolved	<b>200</b>		0.28	1.0	<b>82</b>		0.28	1.0	<b>4.8</b>		0.75	5.0	<b>36</b>		0.75	5.0	<b>17</b>		0.75	5.0	<b>0.93</b>		0.75	5.0	<b>12</b>		0.75	5.0	<b>2.3</b>		0.75	5.0
Arsenic III (dissolved)	<b>160</b>		13	25	<b>66</b>		2.6	5.0	<b>1.2</b>		1.3	2.5	<b>32</b>		1.3	2.5	<b>13</b>		1.3	2.5	<0.26	UJ	0.26	0.50	<b>58</b>		1.9	3.8	<b>1.4</b>		0.26	0.50
Arsenic V (dissolved)	<17	U	17	25	<5.2	UJ	5.2	7.5	<0.35	UJ	0.35	0.5	<b>9.0</b>		1.7	2.5	<1.7	U	1.7	2.5	<b>0.60</b>		0.35	0.50	<0.69	UJ	0.69	1.0	<b>0.40</b>		0.35	0.50
Beryllium, total	<0.27	U	0.27	1.0	<0.27	U	0.27	1.0	<0.62	U	0.62	1.0	<0.62	U	0.62	1.0	<0.62	U	0.62	1.0	<0.62	U	0.62	1.0	<0.62	U	0.62	1.0	<0.62	U	0.62	1.0
Beryllium, dissolved	<0.27	U	0.27	1.0	<0.27	U	0.27	1.0	<0.62	U	0.62	1.0	<0.62	U	0.62	1.0	<0.62	U	0.62	1.0	<0.62	U	0.62	1.0	<0.62	U	0.62	1.0	<0.62	U	0.62	1.0
Cobalt, total	<b>2.3</b>		0.26	0.50	<b>4.4</b>		0.26	0.50	<b>0.22</b>		0.19	1.0	<b>0.6</b>		0.19	1.0	<b>1.5</b>		0.19	1.0	<0.19	U	0.19	1.0	<0.19	U	0.19	1.0	<b>6.3</b>		0.19	1.0
Cobalt, dissolved	<b>2.3</b>		0.26	0.50	<b>5.1</b>		0.26	0.50	<b>0.20</b>		0.19	1.0	<b>0.61</b>		0.19	1.0	<b>0.20</b>		0.19	1.0	<b>1.2</b>		0.19	1.0	<0.19	U	0.19	1.0	<b>5.9</b>		0.19	1.0
Selenium, total	<0.74	U	0.74	5.0	<0.74	U	0.74	5.0	<0.89	U	0.89	5.0	<b>1.5</b>		0.89	5.0	<0.89	U	0.89	5.0	<b>2.0</b>		0.89	5.0	<0.89	U	0.89	5.0	<b>2.1</b>		0.89	5.0
Selenium, dissolved	<0.74	U	0.74	5.0	<0.74	U	0.74	5.0	<0.89	U	0.89	5.0	<b>1.8</b>		0.89	5.0	<0.89	U	0.89	5.0	<b>1.6</b>		0.89	5.0	<0.89	U	0.89	5.0	<b>1.4</b>		0.89	5.0
Sulfide	<2.1	UJ	2.1	3.0	<2.1	UJ	2.1	3.0	<b>76</b>		2.1	3.0	<2.1	UJ	2.1	3.0	<b>4.3</b>		2.1	3.0	<2.1	UJ	2.1	3.0	<b>2.2</b>		2.1	3.0	<2.1	U	2.1	3.0
Sulfide, dissolved	<2.1	UJ	2.1	3.0	<2.1	UJ	2.1	3.0	<b>77</b>		2.1	3.0	<2.1	UJ	2.1	3.0	<b>3.7</b>		2.1	3.0	<2.1	UJ	2.1	3.0	<2.1	UJ	2.1	3.0	<2.1	U	2.1	3.0
beta-BHC	<0.0097	U	0.0097	0.052	<0.0092	U	0.0092	0.050	<0.0096	U	0.0096	0.052	<0.0097	U	0.0097	0.052	<0.0089	U	0.0089	0.048	<0.0090	U	0.0090	0.049	<0.0089	U	0.0089	0.048	<0.0090	U	0.0090	0.049
<b>Performance Parameters (µg/L)</b>																																
Iron, total	<b>13000</b>		28	50	<b>13000</b>		28	50	<b>620</b>		47	100	<b>20000</b>		47	100	<b>4700</b>		47	100	<b>22000</b>		47	100	<b>940</b>		47	100	<b>5400</b>		47	100
Iron, dissolved	<b>13000</b>		28	50	<b>12000</b>		28	50	<b>51</b>		47	100	<b>20000</b>		47	100	<b>5300</b>		47	100	<b>20000</b>		47	100								

**Table 1**  
**Summary of Corrective Action Monitoring Data**  
**2022 1st Semi-Annual Monitoring Event (April 18-22 and May 23, 2022)**  
**Chesapeake Energy Center Industrial Landfill - Permit #440**  
**Chesapeake, Virginia**

**Groundwater Monitoring Wells**

Sample ID: Sample Date:	PO-10 5/23/2022				PO-10D 5/23/2022				CECW-1D DUP 4/19/2022				PO-8 DUP 4/19/2022				PO-10 DUP 5/23/2022				FIELD BLANK 4/19/2022				FIELD BLANK 4/22/2022			
	Result	Qual	MDL	RL	Result	Qual	MDL	RL	Result	Qual	MDL	RL	Result	Qual	MDL	RL	Result	Qual	MDL	RL	Result	Qual	MDL	RL	Result	Qual	MDL	RL
<b>Primary Performance Parameters (µg/L)</b>																												
Antimony, total	<0.57	U	0.57	2.0	<b>1.5</b>	J+	0.57	2.0	<0.57	U	0.57	2.0	<0.57	U	0.57	2.0	<0.57	U	0.57	2.0	<0.57	U	0.57	2.0	<0.57	U	0.57	2.0
Antimony, dissolved	<0.57	U	0.57	2.0	<0.57	U	0.57	2.0	<0.57	U	0.57	2.0	<0.57	U	0.57	2.0	<0.57	U	0.57	2.0	<0.57	U	0.57	2.0	<0.57	U	0.57	2.0
Arsenic, total	<b>64</b>		0.75	5.0	<b>86</b>		0.75	5.0	<b>83</b>		0.75	5.0	<b>18</b>		0.75	5.0	<b>61</b>		0.75	5.0	<0.75	U	0.75	5.0	<0.75	U	0.75	5.0
Arsenic, dissolved	<b>71</b>		0.75	5.0	<b>81</b>		0.75	5.0	<b>40</b>		0.75	5.0	<b>14</b>		0.75	5.0	<b>71</b>		0.75	5.0	<0.75	U	0.75	5.0	<0.75	U	0.75	5.0
Arsenic III (dissolved)	<b>45</b>		1.9	3.8	<b>45</b>		1.5	3.0	<b>9.6</b>	J-	1.7	2.5	<b>9.0</b>	J	0.51	1.0	<b>52</b>		1.9	3.8	<0.26	U	0.26	0.5	<0.26	U	0.26	0.5
Arsenic V (dissolved)	<2.6	UJ	2.6	3.8	<2.1	U	2.1	3.0	<b>18</b>	J-	0.38	0.75	<b>3.0</b>	J	1.4	2.0	<2.6	UJ	2.6	3.8	<0.35	U	0.35	0.5	<0.35	U	0.35	0.5
Beryllium, total	<0.62	U	0.62	1.0	<0.62	U	0.62	1.0	<0.62	U	0.62	1.0	<0.62	U	0.62	1.0	<0.62	U	0.62	1.0	<0.62	U	0.62	1.0	<0.62	U	0.62	1.0
Beryllium, dissolved	<0.62	U	0.62	1.0	<0.62	U	0.62	1.0	<0.62	U	0.62	1.0	<0.62	U	0.62	1.0	<0.62	U	0.62	1.0	<0.62	U	0.62	1.0	<0.62	U	0.62	1.0
Cobalt, total	<0.19	U	0.19	1.0	<b>1.1</b>		0.19	1.0	<b>0.33</b>	J	0.19	1.0	<0.19	U	0.19	1.0	<0.19	U	0.19	1.0	<0.19	U	0.19	1.0	<0.19	U	0.19	1.0
Cobalt, dissolved	<b>0.27</b>	J	0.19	1.0	<0.19	U	0.19	1.0	<b>0.31</b>	J	0.19	1.0	<0.19	U	0.19	1.0	<0.19	U	0.19	1.0	<0.19	U	0.19	1.0	<0.19	U	0.19	1.0
Selenium, total	<0.89	U	0.89	5.0	<0.89	U	0.89	5.0	<b>1.0</b>	J	0.89	5.0	<0.89	U	0.89	5.0	<0.89	U	0.89	5.0	<0.89	U	0.89	5.0	<0.89	U	0.89	5.0
Selenium, dissolved	<0.89	U	0.89	5.0	<0.89	U	0.89	5.0	<0.89	U	0.89	5.0	<0.89	U	0.89	5.0	<0.89	U	0.89	5.0	<0.89	U	0.89	5.0	<0.89	U	0.89	5.0
Sulfide	<b>2.8</b>	J	2.1	3.0	<2.1	U	2.1	3.0	<2.1	U	2.1	3.0	<b>2.8</b>	J	2.1	3.0	<2.1	U	2.1	3.0	<2.1	UJ	2.1	3.0	<2.1	UJ	2.1	3.0
Sulfide, dissolved	<b>2.5</b>	J	2.1	3.0	<b>2.3</b>	J	2.1	3.0	<2.1	U	2.1	3.0	<b>2.6</b>	J	2.1	3.0	<b>2.2</b>	J	2.1	3.0	<2.1	UJ	2.1	3.0	<2.1	UJ	2.1	3.0
beta-BHC	<0.0089	UJ	0.0089	0.048	<0.0096	U	0.0096	0.052	<0.0095	U	0.0095	0.051	<0.0095	U	0.0095	0.051	<0.0095	UJ	0.0095	0.051	<0.0097	U	0.0097	0.052	<0.0089	U	0.0089	0.048
<b>Performance Parameters (µg/L)</b>																												
Iron, total	<b>390</b>		47	100	<b>5100</b>		47	100	<b>10000</b>		47	100	<b>940</b>		47	100	<b>470</b>		47	100	<47	U	47	100	<47	U	47	100
Iron, dissolved	<b>170</b>		47	100	<b>610</b>		47	100	<b>7400</b>		47	100	<b>870</b>		47	100	<b>170</b>		47	100	<47	U	47	100	<47	U	47	100
Manganese	<b>30</b>		6.2	10	<b>12</b>		6.2	10	<b>390</b>		6.2	10	<b>250</b>	J	6.2	10	<b>28</b>		6.2	10	<6.2	U	6.2	10	<6.2	U	6.2	10
<b>Field Measurements</b>																												
Dissolved Oxygen (mg/L)	0.34		0.01	0.01	0.42		0.01	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oxidation Reduction Potential (mV)	-108.8		0.1	0.1	-139.4		0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
pH (S.U.)	6.98		0.01	0.01	7.07		0.01	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Specific Conductance (µS/cm)	1612		0.1	0.1	1302		0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Temperature (Degrees Celsius)	16.1		0.01	0.01	16.5		0.01	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Turbidity (NTU)	9.91		0.1	0.1	71.24		0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**Notes**  
 < = Less than or equal to reporting MDL  
 NS = Not sampled, insufficient water  
 mV = Millivolt  
 S.U. = Standard Unit

µS/cm = MicroSiemen per centimeter  
 NTU = Nephelometric Turbidity Unit  
**Bold font** = Detected concentration

**Laboratory Data Qualifiers (Qual):**  
 U = The analyte analyzed for, but was not detected above the level fo the reported sample quantitation limit.  
 J = Quantitation is approximate due to limitations identified during data validation.  
 UJ = The analyte was not detected, but the reporting limit may or may not be higher due to a bias identified during data validation.  
 J+ = The result is an estimated quantity; the result may be biased high.  
 J- = The result is an estimated quantity; the result may be biased low.

**Table 1**  
**Summary of Corrective Action Monitoring Data**  
**2022 1st Semi-Annual Monitoring Event (April 18-22 and May 23, 2022)**  
**Chesapeake Energy Center Industrial Landfill - Permit #440**  
**Chesapeake, Virginia**

**Surface Water**

Parameter Name	SW-1 4/19/2022				SW-2 4/19/2022				SW-3 4/19/2022				SW-4 4/19/2022				SW-2 DUP 4/19/2022				FIELD BLANK 4/19/2022				
	Result	Qual	MDL	RL	Result	Qual	MDL	RL	Result	Qual	MDL	RL	Result	Qual	MDL	RL	Result	Qual	MDL	RL	Result	Qual	MDL	RL	
<b>Primary Constituents (µg/L)</b>																									
Antimony, total	<0.57	U	0.57	2.0	<0.57	U	0.57	2.0	<0.57	U	0.57	2.0	<0.57	U	0.57	2.0	<0.57	U	0.57	2.0	<0.57	U	0.57	2.0	
Antimony, dissolved	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Arsenic, total	<b>2.5</b>	J	0.75	5.0	<b>1.5</b>	J	0.75	5.0	<b>1.4</b>	J	0.75	5.0	<b>1.2</b>	J	0.75	5.0	<b>0.98</b>	J	0.75	5.0	<0.75	U	0.75	5.0	
Arsenic, dissolved	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Arsenic III (dissolved)	<0.26	U	0.26	0.50	<0.26	U	0.26	0.50	<b>0.30</b>	J	0.26	0.50	<0.26	U	0.26	0.50	<0.26	U	0.26	0.50	<0.26	U	0.26	0.50	
Arsenic V (dissolved)	<b>0.43</b>	J	0.35	0.50	<b>0.45</b>	J	0.35	0.50	<0.35	U	0.35	0.50	<b>0.50</b>	J	0.35	0.50	<0.35	U	0.35	0.50	<0.35	U	0.35	0.50	
Beryllium, total	<0.62	U	0.62	1.0	<0.62	U	0.62	1.0	<0.62	U	0.62	1.0	<0.62	U	0.62	1.0	<0.62	U	0.62	1.0	<0.62	U	0.62	1.0	
Boron, total	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Boron, dissolved	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Cadmium, total	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Cadmium, dissolved	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Chromium, total	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Chromium, dissolved	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Chromium hexavalent, total	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Chromium hexavalent, dissolved	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Chromium trivalent, total	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Chromium trivalent, dissolved	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Cobalt, total	<b>0.61</b>	J	0.19	1.0	<b>0.44</b>	J	0.19	1.0	<b>0.41</b>	J	0.19	1.0	<b>0.39</b>	J	0.19	1.0	<b>0.39</b>	J	0.19	1.0	<0.19	U	0.19	1.0	
Copper, total	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Copper, dissolved	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lead, total	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lead, dissolved	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Mercury, total	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Mercury, dissolved	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nickel, total	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nickel, dissolved	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Selenium, total	<0.89	U	0.89	5.0	<0.89	U	0.89	5.0	<0.89	U	0.89	5.0	<0.89	U	0.89	5.0	<0.89	U	0.89	5.0	<0.89	U	0.89	5.0	
Selenium, dissolved	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Silver, total	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Silver, dissolved	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Sulfide	<2.1	U	2.1	3.0	<2.1	U	2.1	3.0	<2.1	U	2.1	3.0	<2.1	U	2.1	3.0	<2.1	U	2.1	3.0	<2.1	U	2.1	3.0	
Thallium, total	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Thallium, dissolved	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Zinc, total	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Zinc, dissolved	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
beta-BHC	<0.0090	U	0.0090	0.049	<0.0095	U	0.0095	0.051	<0.0094	U	0.0094	0.051	<0.0093	U	0.0093	0.050	<0.0093	U	0.0093	0.050	<0.0089	U	0.0089	0.048	
<b>Performance Parameters (µg/L)</b>																									
Iron, total	<b>470</b>		47	100	<b>470</b>		47	100	<b>390</b>		47	100	<b>350</b>		47	100	<b>570</b>		47	100	<47	U	47	100	
Total Suspended Solids	<b>15</b>	J-	2.0	8.0	<b>9.7</b>	J	1.0	4.0	<b>11</b>	J-	1.0	4.0	<b>9.0</b>	J-	1.0	4.0	<b>14</b>	J	1.0	4.0	<1.0	UJ	1.0	4.0	
<b>Field Measurements</b>																									
Dissolved Oxygen (mg/L)	9.54		0.01	0.01	9.72		0.01	0.01	9.80		0.01	0.01	9.66		0.01	0.01	-	-	-	-	-	-	-	-	
Oxidation Reduction Potential (mV)	145.0		0.1	0.1	101.9		0.1	0.1	113.2		0.1	0.1	69.1		0.1	0.1	-	-	-	-	-	-	-	-	
pH (S.U.)	6.36		0.01	0.01	7.39		0.01	0.01	7.40		0.01	0.01	7.31		0.01	0.01	-	-	-	-	-	-	-	-	
Specific Conductance (µS/cm)	25960		0.1	0.1	27168		0.1	0.1	27228		0.1	0.1	28422		0.1	0.1	-	-	-	-	-	-	-	-	
Temperature (Degrees Celsius)	14.5		0.01	0.01	14.2		0.01	0.01	14.0		0.01	0.01	14.2		0.01	0.01	-	-	-	-	-	-	-	-	
Turbidity (NTU)	8.40		0.1	0.1	5.70		0.1	0.1	4.80		0.1	0.1	4.42		0.1	0.1	-	-	-	-	-	-	-	-	

**Notes**  
 < = Less than or equal to reporting MDL  
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 S.U. = Standard Unit  
 \* = Results pending, samples collected June 22, 2022

µS/cm = MicroSiemen per centimeter  
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