

Sampling Station	ANALYTE	UNITS	RL	10/18/2017	10/25/2017	11/01/2017	11/08/2017	11/15/2017	11/22/2017	11/29/2017	12/06/2017	12/13/2017	12/20/2017
SS012 Whaleback Park	Chlorine, Free	mg/L											
	Aluminum	mg/L	0.05										
	Barium	mg/L	0.05										
	Boron	mg/L	0.1										
	Calcium	mg/L	0.1	11	12	13	15	16	15	15	15	16	17
	Iron	mg/L	0.03										
	Magnesium	mg/L	0.1	5.4	5.6	5.7	7.4	7.5	7.6	8.2	8.5	8.4	9
	Manganese	mg/L	0.01										
	Potassium	mg/L	2										
	Sodium	mg/L	1										
	Antimony	ug/L	2										
	Arsenic	ug/L	2										
	Beryllium	ug/L	1										
	Cadmium	ug/L	1										
	Chromium	ug/L	10										
	Copper	ug/L	5										
	Lead	ug/L	1										
	Mercury	ug/L	0.2										
	Nickel	ug/L	10										
	Selenium	ug/L	2										
	Silver	ug/L	10										
	Thallium	ug/L	1										
	Zinc	ug/L	50										
pH	pH Units			8.4		8.4	8.4	8.5	8.5	8.6	8.4	8.3	8.3
pH Temperature in °C	pH Units			21.1		20.9	20.3	19.4	19	18.1	17.9	17	16.5
Hardness as CaCO3	mg/L	0.41		50	53	55	68	71	70	72	73	74	79

Notes: mg/L = milligram/liter
ug/L = microgram/liter
RL = Reporting Limit

Sampling Station	ANALYTE	UNITS	RL	12/27/2017	01/03/2018	01/10/2018	01/17/2018	01/24/2018	01/31/2018	02/07/2018	02/14/2018	02/22/2018	02/28/2018
SS012 Whaleback Park	Chlorine, Free	mg/L											
	Aluminum	mg/L	0.05										
	Barium	mg/L	0.05										
	Boron	mg/L	0.1										
	Calcium	mg/L	0.1	16	18	19	17	17	15	18	17	18	19
	Iron	mg/L	0.03										
	Magnesium	mg/L	0.1	9.3	9.4	9.1	9.4	8.9	7.3	9.8	9.5	11	11
	Manganese	mg/L	0.01										
	Potassium	mg/L	2										
	Sodium	mg/L	1										
	Antimony	ug/L	2										
	Arsenic	ug/L	2										
	Beryllium	ug/L	1										
	Cadmium	ug/L	1										
	Chromium	ug/L	10										
	Copper	ug/L	5										
	Lead	ug/L	1										
	Mercury	ug/L	0.2										
	Nickel	ug/L	10										
	Selenium	ug/L	2										
	Silver	ug/L	10										
	Thallium	ug/L	1										
	Zinc	ug/L	50										
pH	pH Units			8.2	8.3	8.5	8.4	8.3	8.4	8.3	8.3	8.3	8.3
pH Temperature in °C	pH Units			16.1	16.3	16.7	16	16.1	15.2	16.3	17.5	16.9	15.7
Hardness as CaCO3	mg/L	0.41		79	85	85	82	79	67	86	82	90	94

Notes: mg/L = milligram/liter
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RL = Reporting Limit

Sampling Station	ANALYTE	UNITS	RL	03/07/2018	3/14/2018	3/21/2018	3/28/2018	4/4/2018	4/11/2018	4/18/2018	4/25/2018	5/2/2018	5/9/2018
SS012 Whaleback Park	Chlorine, Free	mg/L						0.52	0.50	0.34	0.43	0.53	0.25
	Aluminum	mg/L	0.05				ND	ND	ND	ND	ND	ND	ND
	Barium	mg/L	0.05				ND	ND	ND	ND	0.049	0.036	0.050
	Boron	mg/L	0.1				0.053	0.069	ND	0.17	0.28	0.20	0.49
	Calcium	mg/L	0.1	18	17	14	13	14	9.8	13	18	17	19
	Iron	mg/L	0.03				ND	ND	ND	ND	ND	ND	ND
	Magnesium	mg/L	0.1	9.6	8.8	7.2	5.6	6.8	3.6	6.1	12	12	18
	Manganese	mg/L	0.01				ND	ND	ND	ND	ND	ND	ND
	Potassium	mg/L	2				1.3	1.1	ND	1.2	1.6	1.6	2.1
	Sodium	mg/L	1				22	21	13	29	41	32	59
	Antimony	ug/L	2				ND	ND	ND	ND	ND	ND	ND
	Arsenic	ug/L	2				ND	1.4	ND	1.9	1.3	2.1	2.2
	Beryllium	ug/L	1				ND	ND	ND	ND	ND	ND	ND
	Cadmium	ug/L	1				ND	ND	ND	ND	ND	ND	ND
	Chromium	ug/L	10				ND	ND	ND	ND	ND	ND	6.6
	Copper	ug/L	5				ND	2.5	ND	2.5	3.0	4.1	7.5
	Lead	ug/L	1				ND	ND	ND	ND	ND	ND	ND
	Mercury	ug/L	0.2				ND	ND	ND	ND	ND	ND	ND
	Nickel	ug/L	10				ND	ND	ND	ND	ND	ND	ND
	Selenium	ug/L	2				ND	4.5	ND	1.2	1.9	3.2	0.91
	Silver	ug/L	10				ND	ND	ND	ND	ND	ND	ND
	Thallium	ug/L	1				ND	ND	ND	ND	ND	ND	ND
	Zinc	ug/L	50				ND	ND	ND	ND	ND	ND	ND
pH	pH Units			8.3	8.4	8.3	8.60	8.5	8.7	8.5	8.2	8.2	8.2
pH Temperature in °C	pH Units			15.6	17.3	16.1	17.1	18.2	17.7	18.2	20.6	21.2	22.9
Hardness as CaCO3	mg/L	0.41		84	79	65	55	62	40	57	95	89	120

Notes: mg/L = milligram/liter
ug/L = microgram/liter
RL = Reporting Limit

Sampling Station	ANALYTE	UNITS	RL	5/16/2018	5/23/2018	5/30/2018	6/6/2018	6/13/2018	7/5/2018	8/1/2018	9/6/2018	10/3/2018	Nov 2018
SS012 Whaleback Park	Chlorine, Free	mg/L		0.43	0.57	0.49	0.62	0.43	0.47	0.27	0.54	0.66	-
	Aluminum	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
	Barium	mg/L	0.05	0.041	0.032	0.031	0.027	0.033					
	Boron	mg/L	0.1	0.39	0.26	0.24	0.15	0.29	0.34	0.5	0.29	0.21	-
	Calcium	mg/L	0.1	17	16	16	15	15	15	17	15	14	-
	Iron	mg/L	0.03	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
	Magnesium	mg/L	0.1	15	12	11	9.3	11	11	15	12	9.7	-
	Manganese	mg/L	0.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
	Potassium	mg/L	2	1.8	1.6	1.7	1.6	1.8					
	Sodium	mg/L	1	52	38	39	29	44					
	Antimony	ug/L	2	ND	ND	ND	ND	ND					
	Arsenic	ug/L	2	2.7	1.8	ND	ND	2.4	1.7	2.9	3.0	ND	-
	Beryllium	ug/L	1	ND	ND	ND	ND	ND					
	Cadmium	ug/L	1	ND	ND	ND	ND	ND					
	Chromium	ug/L	10	ND	ND	ND	ND	ND					
	Copper	ug/L	5	4.5	4.2	4.3	3.8	4.4					
	Lead	ug/L	1	ND	ND	ND	ND	ND					
	Mercury	ug/L	0.2	ND	ND	ND	ND	ND					
	Nickel	ug/L	10	ND	ND	ND	ND	ND					
	Selenium	ug/L	2	1.8	1.8	ND	1.6	ND	ND	ND	ND	ND	-
	Silver	ug/L	10	ND	ND	ND	ND	ND					
	Thallium	ug/L	1	ND	ND	ND	ND	ND					
	Zinc	ug/L	50	ND	ND	ND	ND	ND					
pH	pH Units			8.3	8.3	8.3	8.3	8.2	8.3	8.3	8.3	8.3	-
pH Temperature in °C	pH Units			21.9	23.7	23.9	24.9	26.6	27	28.8	25.4	22.7	-
Hardness as CaCO3	mg/L	0.41		100	89	85	75	84	84	100	89	74	-

Notes: mg/L = milligram/liter
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Sampling Station	ANALYTE	UNITS	RL	12/5/2018	1/2/2019	2/6/2019	2/13/2019	3/6/2019	4/3/2019	5/1/2019	6/12/2019	7/5/2019	8/2/2019	
SS012 Whaleback Park	Chlorine, Free	mg/L		0.3	0.5	0.72	0.59	0.67	0.61	0.82	0.52	0.41	0.47	
	Aluminum	mg/L	0.05											
	Barium	mg/L	0.05											
	Boron	mg/L	0.1	0.32	ND	ND	ND	ND	0.22	ND	0.25	0.23	0.23	
	Calcium	mg/L	0.1	16	16	15	16	12	15	12	13	14	14	
	Iron	mg/L	0.03											
	Magnesium	mg/L	0.1	8.7	8.6	7.8	8.5	6.6	7.3	4.9	9.7	9.8	10	
	Manganese	mg/L	0.01											
	Potassium	mg/L	2											
	Sodium	mg/L	1											
	Antimony	ug/L	2											
	Arsenic	ug/L	2											
	Beryllium	ug/L	1											
	Cadmium	ug/L	1											
	Chromium	ug/L	10											
	Copper	ug/L	5											
	Lead	ug/L	1											
	Mercury	ug/L	0.2											
	Nickel	ug/L	10											
	Selenium	ug/L	2											
	Silver	ug/L	10											
	Thallium	ug/L	1											
	Zinc	ug/L	50											
pH	pH Units			8.4	8.5	8.4	8.5	8.4	8.4	8.4	8.3			
pH Temperature in °C	pH Units			15	13	13	12	14	18	22	26			
Hardness as CaCO3	mg/L	0.41		77	76	69	76	56	67	49	74	75	76	

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Sampling Station	ANALYTE	UNITS	RL	9/5/2019	10/4/2019	11/4/2019	12/9/2019	1/10/2020
SS012 Whaleback Park	Chlorine, Free	mg/L		0.48	0.53	0.4	0.36	0.67
	Aluminum	mg/L	0.05					
	Barium	mg/L	0.05					
	Boron	mg/L	0.1	0.33	0.37	0.36	0.18	0.14
	Calcium	mg/L	0.1	16	16	16	17	19
	Iron	mg/L	0.03					
	Magnesium	mg/L	0.1	12	13	13	11	11
	Manganese	mg/L	0.01					
	Potassium	mg/L	2					
	Sodium	mg/L	1					
	Antimony	ug/L	2					
	Arsenic	ug/L	2					
	Beryllium	ug/L	1					
	Cadmium	ug/L	1					
	Chromium	ug/L	10					
	Copper	ug/L	5					
	Lead	ug/L	1					
	Mercury	ug/L	0.2					
	Nickel	ug/L	10					
	Selenium	ug/L	2					
	Silver	ug/L	10					
	Thallium	ug/L	1					
	Zinc	ug/L	50					
pH	pH Units							
pH Temperature in °C	pH Units							
Hardness as CaCO3	mg/L	0.41		89	93	93	88	93

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