

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	12/27/2017
SS027 616 1st Street	Chlorine, Free	mg/L												
	Aluminum	mg/L	0.05											
	Barium	mg/L	0.05											
	Boron	mg/L	0.1											
	Calcium	mg/L	0.1	12	11	13	14	16	17	15	15	16	17	17
	Iron	mg/L	0.03											
	Magnesium	mg/L	0.1	6.2	5.7	6.6	7.5	11	12	8.6	8.8	9	10	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			8.3		8.3	8.3	8.3	8.3	8.5	8.3	8.2	8.2	8.1
pH Temperature in °C	pH Units			18.6		19.6	18.4	19.2	19.1	17.2	15.6	15.4	16.3	16
Hardness as CaCO3	mg/L	0.41		56	52	59	65	84	91	73	74	77	85	83

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

Sampling Station	ANALYTE	UNITS	RL	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	03/07/2018	3/14/2018
SS027 616 1st Street	Chlorine, Free	mg/L												
	Aluminum	mg/L	0.05											
	Barium	mg/L	0.05											
	Boron	mg/L	0.1											
	Calcium	mg/L	0.1	17	17	17	16	15	18	18	18	20	17	16
	Iron	mg/L	0.03											
	Magnesium	mg/L	0.1	11	9.9	10	8.7	7.8	10	12	11	12	9.5	8.9
	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			8.2	8.2	8.2	8.2	8.1	8.2	8.2	8.1	8.2	8.2	8.2
pH Temperature in °C	pH Units			16.1	16.3	14.9	14.7	13.7	16.1	16.8	15.4	13.5	14.8	16.2
Hardness as CaCO3	mg/L	0.41		88	83	84	76	68	88	93	91	99	81	76

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

Sampling Station	ANALYTE	UNITS	RL	3/21/2018	3/28/2018	4/4/2018	4/11/2018	4/18/2018	4/25/2018	5/2/2018	5/9/2018	5/16/2018	5/23/2018	5/30/2018
SS027 616 1st Street	Chlorine, Free	mg/L				0.61	0.60	0.73	0.66	0.45	0.47	0.55	0.86	0.75
	Aluminum	mg/L	0.05		ND	ND	ND	0.031	ND	ND	ND	ND	ND	ND
	Barium	mg/L	0.05		ND	0.026	ND	ND	0.023	0.027	0.028	0.033	0.024	ND
	Boron	mg/L	0.1		0.10	0.11	0.14	ND	0.047	0.13	0.18	0.32	0.14	0.083
	Calcium	mg/L	0.1	12	14	14	11	12	14	16	15	16	14	14
	Iron	mg/L	0.03		0.015	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	mg/L	0.1	6.5	6.9	7.7	6.4	6.0	7.2	9.8	11	10	7.8	7.8
	Manganese	mg/L	0.01		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Potassium	mg/L	2		1.6	1.2	1.2	1.1	1.2	1.3	1.7	1.8	1.5	1.3
	Sodium	mg/L	1		26	23	23	18	20	26	30	42	26	23
	Antimony	ug/L	2		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ug/L	2		ND	ND	ND	ND	ND	ND	ND	ND	2.6	1.3
	Beryllium	ug/L	1		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ug/L	1		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	ug/L	10		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Copper	ug/L	5		3.2	3.7	2.9	2.9	3.8	4.8	4.8	6.3	3.5	6.4
	Lead	ug/L	1		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Mercury	ug/L	0.2		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	ug/L	10		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	ug/L	2		ND	ND	ND	ND	1.6	ND	ND	ND	ND	ND
	Silver	ug/L	10		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Thallium	ug/L	1		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Zinc	ug/L	50		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
pH	pH Units			8.2	8.40	8.3	8.3	8.4	8.2	8.2	8.2	8.3	8.3	8.2
pH Temperature in °C	pH Units			15	17.4	18.9	17.2	16.3	20.2	21.0	22.9	20.9	22.8	23.1
Hardness as CaCO3	mg/L	0.41		57	62	66	54	55	65	80	84	82	67	67

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

Sampling Station	ANALYTE	UNITS	RL	6/6/2018	6/13/2018	7/5/2018	8/1/2018	9/6/2018	10/3/2018	Nov 2018	12/5/2018	1/2/2019	2/6/2019	2/13/2019
SS027 616 1st Street	Chlorine, Free	mg/L		0.76	0.42	0.66	0.27	0.52	0.74	-	0.74	0.88	0.66	0.81
	Aluminum	mg/L	0.05	ND	ND	ND	ND	ND	ND	-				
	Barium	mg/L	0.05	0.023	0.031									
	Boron	mg/L	0.1	0.081	0.28	0.096	0.47	0.27	ND	-	ND	ND	ND	ND
	Calcium	mg/L	0.1	14	16	13	17	16	13	-	16	16	16	16
	Iron	mg/L	0.03	ND	ND	ND	ND	ND	ND	-				
	Magnesium	mg/L	0.1	7.8	11	7.3	14	12	6.5	-	9.5	9.4	9.1	8.8
	Manganese	mg/L	0.01	ND	ND	ND	ND	ND	ND	-				
	Potassium	mg/L	2	1.4	1.7									
	Sodium	mg/L	1	22	42									
	Antimony	ug/L	2	ND	ND									
	Arsenic	ug/L	2	ND	1.6	ND	2.9	2.0	ND	-				
	Beryllium	ug/L	1	ND	ND									
	Cadmium	ug/L	1	ND	ND									
	Chromium	ug/L	10	ND	ND									
	Copper	ug/L	5	5.1	6.2									
	Lead	ug/L	1	ND	ND									
	Mercury	ug/L	0.2	ND	ND									
	Nickel	ug/L	10	ND	ND									
	Selenium	ug/L	2	ND	ND	ND	ND	ND	ND	ND	-			
	Silver	ug/L	10	ND	ND									
	Thallium	ug/L	1	ND	ND									
Zinc	ug/L	50	ND	ND										
pH	pH Units			8.2	8.2	8.3	8.2	8.2	8.3	-	8.2	8.2	8.3	8.4
pH Temperature in °C	pH Units			24.3	26.2	26.1	26.8	24.1	21.2	-	13	12	14	11
Hardness as CaCO3	mg/L	0.41		67	84	62	99	89	59	-	80	79	77	77

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Sampling Station	ANALYTE	UNITS	RL	3/6/2019	4/3/2019	5/1/2019	6/12/2019	7/5/2019	8/2/2019	9/5/2019	10/4/2019	11/4/2019	12/9/2019	1/10/2020
SS027 616 1st Street	Chlorine, Free	mg/L		0.66	0.82	0.83	0.74	0.37	0.68	0.59	0.47	0.62	0.63	0.79
	Aluminum	mg/L	0.05											
	Barium	mg/L	0.05											
	Boron	mg/L	0.1	ND	0.11	ND	0.41	0.37	0.12	0.13	0.22	0.14	0.06	0.072
	Calcium	mg/L	0.1	10	14	11	16	15	12	13	14	14	16	17
	Iron	mg/L	0.03											
	Magnesium	mg/L	0.1	5.4	6.9	5.1	13	13	7.5	8.6	9.8	8.5	9	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			8.3	8.3	8.3	8.2							
pH Temperature in °C	pH Units			14	18	23	26							
Hardness as CaCO3	mg/L	0.41		48	63	49	92	91	61	68	0.47	70	77	84

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