

HAWTHORNE CSO													
		Event 4 Sample No.											
Parameter	Unit	1	2	3	4*	5	6	7	8	9	10	11	12
pH	units	7.32	7.41	7.44	7.61	7.43	7.43	NAIA	7.55	7.59	7.58	7.69	7.67
Ammonia	mg/L N	12.6	3.16	3.22	2.99	4.52	5.01	NAIA	7.32	9.04	8.89	9.78	10.4
Biochemical Oxygen Demand	mg/L	NALE	NALE	NALE	185	NALE	NALE	NAIA	NALE	NALE	NALE	55	NALE
Nitrate+Nitrite Nitrogen	mg/L	0.014	0.294	0.332	0.355	0.534	0.611	NAIA	0.795	0.963	0.982	1.21	1.32
Total Suspended Solids	mg/L	1685	2360	1555	820.0	322.5	242.5	NAIA	165.0	131.7	112.9	89.0	85.0
Total Kjeldahl Nitrogen ²	mg/L	28.7	15.6	13.3	10.2	12.2	11.7	NAIA	13.0	18.1	17.6	20.2	19.9
Total Nitrogen	mg/L N	28.7	15.9	13.7	10.6	12.8	12.3	NAIA	13.8	19.1	18.6	21.4	21.2
Total Phosphorus	mg/L P	4.9734	4.6289	3.2205	2.3765	1.5078	1.3939	NAIA	1.6389	1.8539	1.7349	1.8326	1.8578
Escherichia Coliform ¹	MPN/100 mL	3,280,000	1,240,000	1,140,000	1,050,000	862,000	1,250,000	NAIA	1,300,000	1,580,000	2,100,000	1,720,000	1,480,000

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Parameter	Unit	13	14	15	16
pH	units	7.78	NAIA	7.80	7.82
Ammonia	mg/L N	10.1	NAIA	11.1	11.1
Biochemical Oxygen Demand	mg/L	57	NAIA	NALE	NALE
Nitrate+Nitrite Nitrogen	mg/L	1.40	NAIA	1.57	1.60
Total Suspended Solids	mg/L	74.0	NAIA	63	NALE
Total Kjeldahl Nitrogen ²	mg/L	21.1	NAIA	22.8	22.5
Total Nitrogen	mg/L N	22.5	NAIA	24.4	24.1
Total Phosphorus	mg/L P	1.7902	NAIA	1.9567	1.9694
Escherichia Coliform ¹	MPN/100 mL	1,520,000	NAIA	1,330,000	833,000

Survey Date: Thursday, May 16, 2024 Time: 11:31 PM 11:46 PM 12:01 AM 12:16 AM

		Event 5 Sample No.									
Parameter	Unit	1*	2*	3	4	5	6	7	8	9	10
pH	units	7.62	7.84	7.70	7.74	7.80	7.80	7.84	7.83	7.87	NAIA
Ammonia	mg/L N	3.05	4.33	6.75	7.00	7.26	7.42	7.47	7.32	7.46	NAIA
Biochemical Oxygen Demand	mg/L	131	50	48	40	34	38	32	33	26	NAIA
Nitrate+Nitrite Nitrogen	mg/L	0.968	1.41	1.95	2.10	2.26	2.37	2.53	2.77	2.88	NAIA
Total Suspended Solids	mg/L	533.3	154.4	85.0	67.5	56.0	41.5	47.0	50.0	41.5	NAIA
Total Kjeldahl Nitrogen ²	mg/L	7.5	10.2	16.6	16.0	18.7	18.1	18.4	17.7	18.3	NAIA
Total Nitrogen	mg/L N	8.48	11.6	18.6	18.1	21.0	20.5	20.9	20.4	21.2	NAIA
Total Phosphorus	mg/L P	0.8306	0.9233	1.3088	1.5331	1.5873	1.4928	1.4361	1.3943	1.3635	NAIA
Escherichia Coliform ¹	MPN/100 mL	1,280,000	1,620,000	2,720,000	1,730,000	1,900,000	3,870,000	2,280,000	2,760,000	4,350,000	NAIA

Survey Date: Friday, May 17, 2024 Time: 9:43 PM 10:28 PM 12:13 AM 12:28 AM 12:43 AM 12:58 AM 1:13 AM 1:28 AM 1:43 AM 1:58 AM

Notes:

N/A = Not Available
NAIA =Not Analysed Insufficient Aliquot
NALE = Not Analyzed, laboratory error

- 1) Analysed by contract laboratory
2) Calculated by laboratory
* Average value of composited samples reported

< VALUE Less than minimum detection
> VALUE Greater than maximum detection