

ASH CSO

Parameter	Unit	Event 1 Sample No.											
		1	2*	3*	4	5	6	7	8	9	10	11	12
pH	units	7.44	7.36	7.76	7.74	7.73	7.75	7.70	NAIA	7.72	7.72	7.78	7.74
Ammonia	mg/L N	11.0	2.3	1.8	2.2	3.5	4.3	5.1	NAIA	5.4	6.7	6.9	7.2
Biochemical Oxygen Demand	mg/L	>35	>38	>39	34	19	34	>38	NAIA	>38	>38	>38	>38
Total Suspended Solids	mg/L	555	435	436	326	256	230	252	NAIA	244	254	250	206
Total Kjeldahl Nitrogen ²	mg/L	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Nitrogen	mg/L N	19.4	5.1	2.4	4.7	6.1	7.8	10.0	NAIA	9.1	10.8	8.8	10.0
Total Phosphorus	mg/L P	2.62	2.05	1.09	0.84	0.99	1.08	1.35	NAIA	1.40	1.56	1.59	1.48
Escherichia Coliform ¹	MPN/100 mL	>24,200	>24,200	>24,200	>24,200	>24,200	>24,200	>24,200	NAIA	>24,200	>24,200	>24,200	>24,200

Survey Date: August 1, 2023 **Time:** 8:10 AM 8:25 AM 8:55 AM 9:55 AM 10:10 AM 10:25 AM 10:40 AM 10:55 AM 11:10 AM 11:25 AM 11:40 AM 11:55 AM

Parameter	Unit	Event 2 Sample No.									
		1	2	3	4*	5	6*	7	8	9	10
pH	units	7.19	7.32	7.36	NAIA	7.35	7.40	7.34	7.39	7.31	7.33
Ammonia	mg/L N	14.1	12.9	12.8	NAIA	2.6	2.9	3.6	4.0	4.7	4.8
Biochemical Oxygen Demand	mg/L	>95	>94	>95	NAIA	57	46	41	43	40	36
Total Suspended Solids	mg/L	560	540	510	NAIA	230	185	150	145	115	110
Total Kjeldahl Nitrogen ²	mg/L	22.8	22.3	17.3	N/A	5.1	5.5	5.7	6.2	6.9	7.2
Total Nitrogen	mg/L N	22.8	22.3	17.3	NAIA	5.4	5.8	6.0	6.5	7.3	7.5
Total Phosphorus	mg/L P	5.20	4.83	4.06	NAIA	1.13	1.09	1.05	1.08	1.16	1.13
Escherichia Coliform ¹	MPN/100 mL	>24,200	>24,200	>24,200	NAIA	>24,200	>24,200	>24,200	>24,200	>24,200	>24,200

Survey Date: August 10, 2023 **Time:** 6:25 PM 6:40 PM 6:55 PM 7:25 PM 8:55 PM 9:10 PM 9:40 PM 9:55 PM 10:10 PM 10:25 PM

Parameter	Unit	Event 3 Sample No.				
		1*	2*	3	4	5
pH	units	NA	NA	NA	NA	NA
Ammonia	mg/L N	6.0	1.9	2.1	2.2	2.5
Biochemical Oxygen Demand	mg/L	243	257	71	106	53
Total Suspended Solids	mg/L	465	610	153	130	102
Total Kjeldahl Nitrogen ²	mg/L	N/A	N/A	N/A	N/A	N/A
Total Nitrogen	mg/L N	20.0	12.5	4.8	4.6	4.3
Total Phosphorus	mg/L P	3.83	3.14	1.23	1.05	1.05
Escherichia Coliform ¹	MPN/100 mL	2,140,000	3,130,000	987,000	767,000	631,000

Survey Date: September 5, 2023 **Time:** 3:24 AM 3:54 AM 5:24 AM 5:39 AM 5:54 AM

Notes:

- N/A = Not Available
- NA = Not Analysed for this test
- NAIA = Not Analysed Insufficient Aliquot

- 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