

ASH CSO														
		Event 4 Sample No.												
Parameter	Unit	1	2	3	4	5*	6*	7*	8	9	10	11	12	
pH	units	7.85	7.50	7.46	7.47	7.66	7.75	7.77	7.78	7.77	7.77	7.84	7.81	
Ammonia	mg/L N	10.3	11.5	8.53	6.24	4.61	3.66	3.44	3.16	2.97	2.92	2.93	3.00	
Biochemical Oxygen Demand	mg/L	72	178	286	244	51	64	30	29	27	24	16	23	
Nitrate+Nitrite Nitrogen	mg/L	0.420	0.238	0.133	0.256	0.344	0.343	0.399	0.461	0.446	0.455	0.507	0.527	
Total Suspended Solids	mg/L	524.0	688.0	776.0	692.0	488.0	404.0	294.3	268.6	262.9	240.0	225.7	194.6	
Total Kjeldahl Nitrogen ²	mg/L	17.6	26.6	23.1	17.4	11.8	9.4	7.5	6.2	6.3	5.6	6.0	5.7	
Total Nitrogen	mg/L N	18.0	26.8	23.2	17.6	12.2	9.74	7.92	6.65	6.73	6.10	6.47	6.24	
Total Phosphorus	mg/L P	2.3536	4.1770	4.5690	3.5670	2.6187	1.8910	1.4592	1.1504	1.2486	1.0666	0.9423	0.9706	
Escherichia Coliform ¹	MPN/100 mL	1,940,000	4,110,000	6,490,000	3,650,000	2,910,000	1,610,000	816,000	749,000	548,000	355,000	591,000	536,000	
Survey Date:	Tuesday, May 14, 2024	Time:	12:00 PM	12:15 PM	12:30 PM	12:45 PM	1:00 PM	1:30 PM	2:00 PM	2:30 PM	2:45 PM	3:00 PM	3:15 PM	3:30 PM
		Event 5 Sample No.												
Parameter	Unit	13*	14*	15*	16*									
pH	units	7.88	7.94	7.98	7.98									
Ammonia	mg/L N	3.02	3.37	3.72	4.77									
Biochemical Oxygen Demand	mg/L	31	26	30	35									
Nitrate+Nitrite Nitrogen	mg/L	0.560	0.623	0.685	0.772									
Total Suspended Solids	mg/L	169.1	129.1	133.9	158.6									
Total Kjeldahl Nitrogen ²	mg/L	5.9	6.9	6.9	9.0									
Total Nitrogen	mg/L N	6.50	7.49	7.60	9.80									
Total Phosphorus	mg/L P	0.9399	0.8668	0.8825	0.9960									
Escherichia Coliform ¹	MPN/100 mL	487,000	364,000	389,000	441,000									
Survey Date:	Tuesday, May 14, 2024	Time:	3:45 PM	4:15 PM	4:45 PM	5:30 PM								
		Event 5 Sample No.												
Parameter	Unit	1	2	3	4	5	6	7	8	9	10	11	12	
pH	units	7.76	7.67	7.69	7.87	7.93	7.82	7.90	7.88	7.89	7.83	7.82	7.75	
Ammonia	mg/L N	4.39	2.02	2.09	1.27	1.09	1.81	1.21	1.27	1.51	1.58	1.45	1.64	
Biochemical Oxygen Demand	mg/L	NALE	NALE	NALE	NALE	NALE	NALE	NALE	NALE	NALE	NALE	NALE	NALE	
Nitrate+Nitrite Nitrogen	mg/L	0.164	0.044	0.072	0.125	0.192	0.606	0.564	0.747	1.02	1.29	1.43	1.59	
Total Suspended Solids	mg/L	1005	3530	3160	2435	1695	1140	903	843	697	537	480	513	
Total Kjeldahl Nitrogen ²	mg/L	7.9	4.7	6.1	4.5	3.8	4.3	4.1	4.0	3.8	3.8	4.6	5.3	
Total Nitrogen	mg/L N	8.06	4.72	6.21	4.61	3.99	4.89	4.71	4.73	4.83	5.11	6.01	6.91	
Total Phosphorus	mg/L P	1.4287	1.6349	3.0311	2.2334	1.6746	1.2953	1.2539	1.0571	0.8808	0.8154	0.7438	0.7564	
Escherichia Coliform ¹	MPN/100 mL	1,420,000	637,000	573,000	565,000	537,000	504,000	246,000	221,000	187,000	309,000	187,000	216,000	
Survey Date:	Thursday, May 16, 2024	Time:	7:02 PM	7:17 PM	7:32 PM	7:47 PM	8:02 PM	8:17 PM	8:32 PM	8:47 PM	9:02 PM	9:17 PM	9:32 PM	9:47 PM
		Event 5 Sample No.												
Parameter	Unit	13	14	15	16	17	18	19	20	21	22	23	24	
pH	units	7.76	7.73	7.74	7.88	7.88	7.20	7.87	7.88	7.95	7.85	7.98	7.63	
Ammonia	mg/L N	1.72	1.92	1.79	1.46	1.29	1.23	1.27	1.45	1.45	1.32	1.76	1.82	
Biochemical Oxygen Demand	mg/L	NALE	NALE	NALE	NALE	NALE	NALE	NALE	NALE	NALE	NALE	NALE	NALE	
Nitrate+Nitrite Nitrogen	mg/L	1.66	1.79	1.67	1.75	1.57	1.65	1.70	1.74	1.90	2.01	2.35	2.63	
Total Suspended Solids	mg/L	450.0	446.7	426.7	412.5	377.5	377.5	305.0	247.5	210.0	224.0	161.7	150.0	
Total Kjeldahl Nitrogen ²	mg/L	4.4	3.6	6.1	4.4	4.2	4.4	4.1	3.6	4.5	5.2	4.7	5.3	
Total Nitrogen	mg/L N	6.08	5.39	7.76	6.10	5.81	6.04	5.77	5.33	6.41	7.23	7.09	7.89	
Total Phosphorus	mg/L P	0.7306	0.7717	0.7662	0.6796	0.6173	0.5965	0.5731	0.5658	0.5530	0.5983	0.5743	0.5794	
Escherichia Coliform ¹	MPN/100 mL	226,000	279,000	309,000	187,000	187,000	201,000	146,000	213,000	134,000	495,000	359,000	131,000	
Survey Date:	Thursday, May 16, 2024	Time:	10:02 PM	10:17 PM	10:32 PM	4:47 PM	5:02 PM	5:17 PM	5:32 PM	5:47 PM	6:02 PM	6:17 PM	6:32 PM	6:47 PM

Notes:

N/A = Not Available

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