

Ash

Set 1: 16-Jul-15

Sample ID	Unit	1	2	3	4	5	6	7	8	9	10	11	12
Ammonia	mg/L N	12.10	11.70	9.50	5.70	5.50	5.30	3.50	4.17	4.16	5.10	4.05	3.91
BOD	mg/L	126	229	219	175	215	202	127	103	73	55	97	66
Nitrate-N	mg/L N	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020
Nitrate + Nitrite	mg/L N	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070
Nitrite-N	mg/L N	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
Total Phosphorus	mg/L P	3.12	4.37	4.35	3.87	3.92	3.46	2.65	2.26	1.6	1.59	2.11	1.25
Total Kjeldahl Nitrogen	mg/L N	22.8	23.6	22.0	17.5	17.1	14.7	12.9	10.6	9.5	10.7	13.3	8.6
Total Nitrogen	mg/L N	22.8	23.6	22.0	17.5	17.1	14.7	12.9	10.6	9.5	10.7	13.3	8.6
Total Suspended Solids	mg/L	326	808	728	604	748	608	528	402	270	188	358	266
E.Coli	MPN/100 mL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fecal Coliform	MPN/100 mL	14,100,000	8,660,000	11,200,000	12,000,000	9,800,000	8,160,000	6,130,000	6,490,000	8,660,000	9,210,000	7,700,000	9,800,000
Total Coliform	MPN/100 mL	33,600,000	25,600,000	41,100,000	32,800,000	30,900,000	31,300,000	30,100,000	19,700,000	19,100,000	21,800,000	43,700,000	32,700,000
Temperature	°C	20.6	20.6	20.7	20.7	20.8	20.8	20.9	21	21	21.2	21.3	21.3
pH	units	7.85	7.72	7.43	7.4	7.3	7.32	7.41	7.39	7.43	7.45	7.42	7.40
Conductivity	mS/cm	883	505	470	372	387	352	308	326	333	362	347	355

Set 2: 23-Jul-15

Sample ID	Unit	1	2	3	4	5	6	7	8	9	10	11	12
Ammonia	mg/L N	4.00	2.66	1.04	0.32	0.36	0.26	0.34	0.62	0.57	0.79	1.00	1.20
BOD	mg/L	540	154	117	68	40	35	23	20	20	20	20	20
Nitrate-N	mg/L N	0.020	0.020	0.020	0.020	0.020	0.120	0.214	0.273	0.355	0.428	0.456	0.487
Nitrate + Nitrite	mg/L N	0.070	0.070	0.070	0.070	0.070	0.154	0.238	0.300	0.392	0.465	0.496	0.530
Nitrite-N	mg/L N	0.010	0.010	0.010	0.010	0.044	0.034	0.024	0.027	0.037	0.037	0.039	0.043
Total Phosphorus	mg/L P	2.68	3	1.75	1.58	1.13	1.16	1.05	0.72	1.6	0.589	0.564	0.554
Total Kjeldahl Nitrogen	mg/L N	16.3	13.5	8.8	6.8	5.0	4.8	3.3	2.7	1.9	3.1	2.9	2.8
Total Nitrogen	mg/L N	16.3	13.5	8.8	6.8	5.0	5.0	3.6	3.0	1.9	3.6	3.4	3.3
Total Suspended Solids	mg/L	554	628	528	420	220	316	137	187	159	113	96	81
E.Coli	MPN/100 mL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fecal Coliform	MPN/100 mL	7,270,000	3,870,000	3,650,000	2,360,000	4,880,000	3,870,000	5,480,000	4,610,000	4,110,000	5,790,000	4,610,000	2,760,000
Total Coliform	MPN/100 mL	32,700,000	28,100,000	15,500,000	19,900,000	19,900,000	27,200,000	24,200,000	10,500,000	24,200,000	15,500,000	14,100,000	10,500,000
Temperature	°C	20.5	20.4	20.4	20.4	20.4	20.4	20.4	20.3	20.3	20.4	20.4	20.4
pH	units	7.46	7.63	7.66	7.69	7.7	7.69	7.74	7.74	7.73	7.74	7.75	7.75
Conductivity	mS/cm	576	242	173	130	140	150	133	153	174	190	200	220

	Less than (minimum detection)
	Greater than (maximum detection)