

Colony

Set 1: 5-Sep-15

Sample ID	Unit	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Ammonia	mg/L N	0.376	0.336	0.349	0.46	0.6	0.82	1.19	1.3	1.41	1.41	1.26	1.2	0.253	0.331	0.355	N/A	N/A
BOD	mg/L	13.5	23	14.1	13.9	19.1	22.5	19.1	16.9	15.2	15.3	12.8	11.2	9.2	4.7	4.4	4.7	4.5
Nitrate-N	mg/L N	0.218	0.218	0.231	0.282	0.317	0.394	0.509	0.586	0.651	0.65	0.631	0.694	1.53	1.59	1.6	1.62	1.63
Nitrate + Nitrite	mg/L N	0.213	0.211	0.246	0.3	0.337	0.42	0.537	0.628	0.697	0.694	0.679	0.738	1.57	1.62	1.64	1.66	1.67
Nitrite-N	mg/L N	0.014	0.014	0.015	0.019	0.02	0.026	0.027	0.042	0.046	0.045	0.048	0.044	0.04	0.039	0.041	0.041	0.042
Total Phosphorus	mg/L P	0.502	0.586	0.438	0.436	0.555	0.615	0.619	0.596	0.623	0.619	0.513	0.554	0.471	0.492	0.486	0.486	0.51
Total Kjeldahl Nitrogen	mg/L N	2.48	3.28	2.22	1.75	2.36	3.04	2.98	3.46	3.98	4.26	3.74	3.96	2	1.87	1.73	N/A	N/A
Total Nitrogen	mg/L N	2.71	3.51	2.47	2.05	2.7	3.46	3.52	4.09	4.68	4.95	4.42	4.7	3.57	3.49	3.37	1.66	1.67
Total Suspended Solids	mg/L	139	188	129	88	117	108	73	68	62	57	55	42	18	23	27	18	28.6
E. Coli	MPN/100 ml	15,500,000	24,200,000	15,500,000	10,500,000	24,200,000	24,300,000	38,400,000	42,800,000	64,400,000	79,800,000	79,400,000	46,400,000	8,660,000	7,270,000	6,870,000	8,160,000	5,790,000
Fecal Coliform	MPN/100 ml	5,470,000	980,000	3,870,000	3,080,000	9,210,000	13,000,000	24,200,000	24,300,000	36,900,000	22,800,000	25,600,000	24,200,000	2,360,000	3,450,000	3,650,000	2,760,000	5,480,000
Temperature	°C	20.7	20.6	20.5	20.4	20.4	20.4	20.2	20.3	20.3	20.2	20.2	20	19.4	18.9	18.5	18.4	18.2
pH	units	9.13	8.68	8.6	8.38	8.28	8.09	8.07	7.94	7.83	7.78	7.77	7.7	7.62	7.91	7.98	8.01	8.08
Conductivity	mS/cm	133	120	122	141	175	203	249	281	302	304	302	330	802	823	828	825	830

Set 2: 12-Oct-15

Sample ID	Unit	1	2	3	4	5	6	7	8	9
Ammonia	mg/L N	0.01	1.26	1.73	4.62	5.8	5.7	6.1	6.2	6.4
BOD	mg/L	29.7	10.9	12.8	36.3	46	40.1	43	13.3	46
Nitrate-N	mg/L N	0.02	0.231	0.256	0.026	0.02	0.02	0.02	0.02	0.02
Nitrate + Nitrite	mg/L N	0.07	0.258	0.284	0.079	0.07	0.07	0.07	0.07	0.07
Nitrite-N	mg/L N	0.01	0.027	0.028	0.053	0.025	0.01	0.01	0.01	0.01
Total Phosphorus	mg/L P	0.311	0.571	0.693	1.71	1.71	1.53	1.39	1.57	1.47
Total Kjeldahl Nitrogen	mg/L N	0.93	2.9	3.6	9.26	10.7	9.6	9.72	8.28	9.92
Total Nitrogen	mg/L N	0.93	3.16	3.88	9.34	10.7	9.6	9.72	8.28	9.92
Total Suspended Solids	mg/L	42	38	39	163	133	114	106	91	89
E. Coli	MPN/100 ml	27,600	546,000	836,000	1,920,000	3,870,000	4,350,000	5,170,000	2,910,000	4,110,000
Fecal Coliform	MPN/100 ml	199,000	2,100,000	2,990,000	8,660,000	15,500,000	11,200,000	17,300,000	10,900,000	24,200,000
Temperature	°C	13.9	13.5	13.5	13.4	13.6	13.4	13.4	13.4	13.4
pH	units	8.11	7.86	7.7	7.61	7.65	7.53	7.59	7.55	7.55
Conductivity	mS/cm	202	232	242	237	255	263	269	270	278

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