

Mission

Set 1: 14-May-15

Sample ID	Unit	1	2
Ammonia	mg/L N	18.20	18.00
BOD	mg/L	470	260
Nitrate-N	mg/L N	0.020	0.145
Nitrate + Nitrite	mg/L N	0.120	0.669
Nitrite-N	mg/L N	0.120	0.524
Total Phosphorus	mg/L P	10	7.4
Total Kjeldahl Nitrogen	mg/L N	41.8	30.8
Total Nitrogen	mg/L N	42.0	31.5
Total Suspended Solids	mg/L	1950	2300
E-Cell	MPN/100 mL	1,310,000	1,050,000
Fecal Coliform	MPN/100 mL	19,900,000	15,500,000
Temperature	°C	10.90	10.90
pH	units	7.70	7.80
Conductivity	µS/cm	1145	1025

Set 2: 14-May-15

Sample ID	Unit	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Ammonia	mg/L N	11.20	12.60	11.00	2.51	3.27	3.44	3.12	2.83	4.76	5.50	6.30	5.00	5.20	5.60	6.50	6.80	11.20	10.20	9.00	9.10	8.60
BOD	mg/L	470	360	257	150	161	155	129	100	85	83	84	88	78	77	79	100	150	207	169	133	149
Nitrate-N	mg/L N	0.020	0.176	0.060	0.350	0.548	0.539	0.588	0.563	0.605	0.624	0.583	0.612	0.665	0.634	0.599	0.664	0.020	0.020	0.020	0.020	0.020
Nitrate + Nitrite	mg/L N	0.621	1.000	1.050	0.628	0.617	0.612	0.645	0.635	0.673	0.697	0.661	0.686	0.741	0.619	0.609	0.689	0.785	0.020	0.020	0.020	0.020
Nitrite-N	mg/L N	0.621	0.243	0.141	0.067	0.069	0.074	0.076	0.072	0.072	0.073	0.078	0.074	0.076	0.076	0.514	0.085	0.089	0.121	0.020	0.024	0.017
Total Phosphorus	mg/L P	8.5	9.1	6.8	2.1	2.28	2.37	2.6	2.63	2.65	2.93	2.9	2.55	2.51	2.31	1.06	1.54	1.56	1.07	1.47	1.33	1.29
Total Kjeldahl Nitrogen	mg/L N	11.2	17.5	26.0	8.8	8.0	11.1	8.7	7.8	10.9	12.2	14.7	14.7	14.8	11.4	16.8	24.2	23.9	20.0	20.1	18.4	
Total Nitrogen	mg/L N	11.8	18.5	28.0	9.4	9.5	11.7	9.5	8.4	11.5	12.8	15.4	15.3	14.5	12.0	16.4	17.5	25.0	23.9	20.0	20.1	18.4
Total Suspended Solids	mg/L	1750	1950	1370	424	592	596	640	592	584	604	604	604	576	556	538	490	496	482	488	456	
E-Cell	MPN/100 mL	1,930,000	959,000	644,000	218,000	134,000	145,000	213,000	259,000	279,000	181,000	309,000	211,000	241,000	311,000	528,000	798,000	197,000	111,000	148,000	233,000	180,000
Fecal Coliform	MPN/100 mL	6,870,000	4,880,000	3,210,000	591,000	376,000	1,440,000	1,910,000	2,710,000	488,000	805,000	794,000	945,000	910,000	960,000	816,000	1,470,000	414,000	211,000	361,000	473,000	744,000
Temperature	°C	10.90	10.90	10.90	10.90	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.10	11.10	11.10	11.10	11.10	11.10	11.10	
pH	units	7.70	7.56	7.81	7.94	8.01	7.98	7.99	8.12	8.15	8.10	8.22	8.27	8.25	8.30	8.34	8.34	8.39	8.39	8.38	8.45	
Conductivity	µS/cm	966	924	930	958	982	985	996	1021	1065	1139	1146	1166	1161	1180	1192	1175	1166	1112	1131	1150	

Set 3: 6-Jun-15

Sample ID	Unit	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Ammonia	mg/L N	0.07	17.80	30.00	33.70	32.50	34.30	31.20	14.10	6.40	6.20	7.50	5.60	4.20	4.95	4.17	3.85	4.25	3.86	3.77	3.80	3.12	2.40	2.61	1.98
BOD	mg/L	16.5	148	299	296	292	291	213	95	61	65	74	73	43.3	42	31.1	29.8	34.4	38.5	14.9	31	21.7	17.3	15.9	24.1
Nitrate-N	mg/L N	0.020	0.040	0.100	0.100	0.040	0.040	0.040	0.040	0.040	0.040	0.020	0.020	0.020	0.020	0.020	0.020	0.040	0.040	0.020	0.020	0.020	0.020	0.020	0.020
Nitrate + Nitrite	mg/L N	0.020	0.020	0.110	0.110	0.110	0.110	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020
Nitrite-N	mg/L N	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Total Phosphorus	mg/L P	0.435	1.91	2.39	5.53	5.63	5.01	4.94	2.32	1.14	1.23	1.41	1.41	1.53	1.12	0.88	0.81	0.82	0.8	0.83	0.77	0.72	0.61	0.54	0.5
Total Kjeldahl Nitrogen	mg/L N	2.0	25.2	50.3	46.0	45.3	45.3	41.7	22.8	12.7	13.3	14.1	14.0	15.7	10.5	8.9	8.5	8.9	8.5	9.3	8.6	7.4	6.4	5.9	
Total Nitrogen	mg/L N	2.0	25.2	50.3	46.0	45.3	45.3	41.7	22.8	12.7	13.3	14.1	14.0	15.7	10.5	8.9	8.5	8.9	8.5	9.3	8.6	7.4	6.4	5.9	
Total Suspended Solids	mg/L	170	76	312	312	324	190	100	127	288	396	372	324	296	156	121	105	105	105	109	77	85	81	82	
E-Cell	MPN/100 mL	30,000	1,960,000	2,090,000	2,100,000	2,200,000	1,920,000	2,610,000	1,860,000	3,380,000	3,660,000	3,920,000	4,610,000	2,250,000	3,260,000	7,700,000	4,610,000	3,450,000	7,270,000	4,610,000	3,600,000	3,870,000	1,970,000	2,010,000	
Fecal Coliform	MPN/100 mL	30,000	3,080,000	3,440,000	2,910,000	3,450,000	3,340,000	4,880,000	2,810,000	10,500,000	4,880,000	10,500,000	5,480,000	17,300,000	24,200,000	6,130,000	6,870,000	10,500,000	6,130,000	6,870,000	5,790,000	6,870,000	5,790,000	6,870,000	
Temperature	°C	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	
pH	units	7.05	7.05	7.05	7.05	7.1	7.10	7.16	7.22	7.39	7.40	7.41	7.41	7.41	7.41	7.46	7.50	7.50	7.54	7.55	7.60	7.65	7.65	7.65	
Conductivity	µS/cm	1235	1290	1288	1362	1400	1368	1320	1025	996	970	920	902	851	786	777	770	760	743	702	668	662	660	656	

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