

Mager

Set 1: 23-Aug-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	7.22	3.45	4.77	4.91	4.93	3.59	4.92	3.72	3.5	4.46	3.54	2.95	3.3	3.09	3.27	3.25	3.64
BOD	mg/L	114	25	64	78	182	103	93	54	49	75	46.1	45	35	40	36.8	35.7	38.2
Nitrate-N	mg/L N	0.02	0.05	0.02	0.02	0.02	0.02	0.02	0.02	0.332	0.028	0.677	1.07	1.21	1.31	1.41	1.24	1.25
Nitrate + Nitrite	mg/L N	0.07	0.078	0.07	0.07	0.07	0.07	0.07	0.167	0.976	0.513	1.3	1.65	1.82	1.9	1.99	1.92	1.95
Nitrite-N	mg/L N	0.01	0.028	0.01	0.01	0.01	0.01	0.01	0.167	0.644	0.485	0.627	0.574	0.603	0.597	0.581	0.683	0.701
Total Phosphorus	mg/L P	2.82	1.3	1.84	2.02	3.1	2.66	2.38	1.89	1.6	1.7	1.38	1.23	1.17	1.1	1.1	1.01	1.03
Total Kjeldahl Nitrogen	mg/L N	15.9	7.64	11.2	12.7	17.3	13.9	12.5	10.4	9.56	9.56	8.34	7.36	7.14	6.62	6.76	6.58	6.72
Total Nitrogen	mg/L N	15.9	7.72	11.2	12.7	17.3	13.9	12.5	10.5	10.1	9.64	9.01	8.96	8.52	8.75	8.5	8.67	
Total Suspended Solids	mg/L	584	548	456	504	604	492	432	304	240	240	200	176	148	144	124	136	112
E. Coli	MPN/100 ml	3,260,000	3,650,000	2,480,000	2,610,000	3,260,000	1,720,000	2,760,000	1,900,000	1,920,000	2,380,000	3,080,000	2,190,000	2,380,000	3,080,000	2,600,000	2,760,000	3,260,000
Fecal Coliform	MPN/100 ml	13,000,000	12,000,000	12,000,000	14,100,000	24,200,000	13,000,000	6,130,000	8,160,000	14,600,000	14,100,000	14,100,000	13,000,000	15,500,000	16,000,000	24,200,000	19,900,000	26,200,000
Temperature	°C	17.5	17.5	17.3	17.3	17.3	17.3	17.3	17.2	17.2	17.2	17.2	17.2	17.1	17	16.9	16.8	16.8
pH	units	7.5	7.62	7.5	7.38	7.27	7.31	7.39	7.37	7.41	7.37	7.4	7.42	7.47	7.44	7.52	7.48	7.55
Conductivity	mS/cm	380	173	259	269	274	237	255	260	285	315	334	351	365	382	392	418	461

Set 2: 5-Sep-15

Sample ID	Unit	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Ammonia	mg/L N	4.16	2.76	2.87	2.7	2.59	2.42	2.43	2.36	2.4	2.49	2.59	2.6	2.62	2.69	2.92
BOD	mg/L	76	52	61	70	56	44	56	38.6	35.2	34.8	32.5	27.3	22.2	24.4	21.9
Nitrate-N	mg/L N	0.063	0.427	0.55	0.049	0.497	0.768	1.01	1.26	1.46	1.64	1.86	2	2.14	2.44	2.73
Nitrate + Nitrite	mg/L N	0.363	0.711	0.788	0.52	0.876	1.03	1.23	1.39	1.59	1.77	1.99	2.13	2.29	2.6	2.93
Nitrite-N	mg/L N	0.3	0.284	0.237	0.471	0.379	0.264	0.219	0.128	0.129	0.136	0.125	0.133	0.157	0.164	0.193
Total Phosphorus	mg/L P	1.4	0.955	0.99	1.35	1.25	1.18	1.18	1.05	1.05	0.984	0.935	0.917	0.865	0.838	0.816
Total Kjeldahl Nitrogen	mg/L N	8.54	6.04	6.58	8.76	7.54	7.46	7.04	6.52	6.3	6.06	5.74	5.34	5.22	5.12	5.28
Total Nitrogen	mg/L N	8.9	6.75	7.37	9.28	8.42	8.49	8.27	7.91	7.89	7.83	7.73	7.47	7.51	7.72	8.21
Total Suspended Solids	mg/L	341	313	223	198	187	194	185	159	154	118	85	80	74	66	65
E. Coli	MPN/100 ml	6,490,000	3,450,000	2,610,000	3,260,000	2,060,000	4,110,000	1,470,000	1,160,000	1,330,000	1,570,000	1,160,000	839,000	1,850,000	1,380,000	1,110,000
Fecal Coliform	MPN/100 ml	32,400,000	26,200,000	21,300,000	14,100,000	19,900,000	24,200,000	24,200,000	19,900,000	12,000,000	10,500,000	12,000,000	12,000,000	11,200,000	9,210,000	8,660,000
Temperature	°C	19.4	19.3	19.2	19.2	19.2	19.2	19.1	19.1	19.1	19	19	19	19	19	19
pH	units	8.68	8.27	8.11	7.96	7.89	7.84	7.79	7.76	7.73	7.71	7.71	7.69	7.67	7.67	7.66
Conductivity	mS/cm	615	419	409	413	385	376	388	402	414	424	449	469	488	524	571

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