

Jessie

Set 1: 30-Apr-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	10.90	7.20	3.35	2.95	2.47	2.54	2.66	2.86	2.76	2.84	2.83	2.84	2.77	2.88	2.78	2.62	2.01	1.55	1.35	1.01	1.00	0.68	0.53	0.46	
BOD	mg/L	229	240	224	266	316	310	286	307	350	324	324	333	369	336	31	80	78	86	37	25	35	21	23	20	
Nitrate-N	mg/L N	0.000	0.000	0.000	0.000	0.004	0.382	0.282	0.461	0.303	0.332	0.487	0.321	0.492	0.501	0.442	0.391	0.261	0.260	0.263	0.141	0.112	0.109			
Nitrate + Nitrite	mg/L N	0.070	0.070	0.070	0.070	0.121	0.444	0.441	0.510	0.536	0.581	0.574	0.539	0.578	0.546	0.553	0.489	0.429	0.312	0.320	0.228	0.220	0.156	0.124	0.120	
Nitrite-N	mg/L N	0.002	0.000	0.000	0.000	0.207	0.062	0.109	0.048	0.030	0.052	0.052	0.052	0.057	0.054	0.052	0.047	0.038	0.029	0.023	0.020	0.017	0.014	0.013	0.011	
Total Phosphorus	mg/L P	1.17	0.47	0.93	0.50	0.59	0.56	0.55	0.87	0.84	0.89	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81	
Total Suspended Solids	mg/L	44.7	30.0	44.3	25.7	26.4	20.7	5.9	5.5	9.0	8.7	8.5	8.7	8.3	8.4	8.3	7.6	6.9	5.4	2.6	4.4	4.2	3.3	4.4	2.6	
Total Nitrogen	mg/L N	44.2	30.0	44.3	25.7	26.7	21.1	6.3	6.0	9.5	9.2	9.1	9.2	8.9	8.9	8.8	8.1	7.3	5.7	3.0	4.6	4.4	3.5	4.5	2.7	
E Coli	MPN/100 mL	1,790,000	2,160,000	1,110,000	2,100,000	1,110,000	1,520,000	839,000	2,890,000	2,890,000	2,890,000	2,890,000	2,890,000	2,890,000	2,890,000	2,890,000	2,890,000	2,890,000	2,890,000	2,890,000	2,890,000	2,890,000	2,890,000	2,890,000	2,890,000	
Fecal Coliform	MPN/100 mL	13,000,000	15,500,000	9,800,000	4,610,000	3,260,000	5,790,000	2,760,000	14,200,000	14,200,000	14,200,000	14,200,000	14,200,000	14,200,000	14,200,000	14,200,000	14,200,000	14,200,000	14,200,000	14,200,000	14,200,000	14,200,000	14,200,000	14,200,000	14,200,000	
Temperature	°C	12.00	12.00	12.00	12.30	12.30	12.30	12.30	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.70	12.70	12.80	12.80	12.80	12.80	12.80	12.80	12.80	12.80	12.80
pH	units	7.00	7.20	7.40	7.40	7.40	7.40	7.40	7.40	7.40	7.40	7.40	7.40	7.40	7.40	7.40	7.40	7.40	7.40	7.40	7.40	7.40	7.40	7.40	7.40	
Conductivity	µS/cm	1113	1053	700	523	463	430	382	380	385	385	389	390	394	395	398	400	402	404	400	402	404	400	405	403	400

Set 2: 6-May-15

Sample ID	Unit	1	2	3	4	5	6	7	8
Ammonia	mg/L N	2.50	11.00	11.80	10.40	10.00	8.00	7.60	6.00
BOD	mg/L	32	73	69	82	62	72	40	46
Nitrate-N	mg/L N	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Nitrate + Nitrite	mg/L N	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Nitrite-N	mg/L N	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Phosphorus	mg/L P	0.90	1.94	2.23	2.38	2.24	2.1	1.86	1.63
Total Suspended Solids	mg/L	6.4	14.0	16.8	16.8	16.2	15.0	13.0	11.3
E Coli	MPN/100 mL	504,000	1,180,000	1,400,000	1,470,000	2,190,000	1,370,000	1,370,000	862,000
Fecal Coliform	MPN/100 mL	798,000	2,010,000	1,870,000	2,050,000	1,860,000	2,490,000	1,840,000	1,840,000
Temperature	°C	12.50	12.50	12.60	12.60	12.70	12.70	12.70	12.70
pH	units	7.50	7.87	7.73	7.72	7.76	7.75	7.77	7.73
Conductivity	µS/cm	740	864	972	990	984	980	935	900

Set 3: 6-May-15

Sample ID	Unit	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Ammonia	mg/L N	6.70	11.60	11.50	9.30	8.00	9.20	7.20	6.50	5.40	5.30	5.00	4.80	6.60	6.40	5.90	4.70
BOD	mg/L	36	80	71	48	89	79	81	22	45	24	37	25.8	31.2	24	58	210
Nitrate-N	mg/L N	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.154	0.253	0.389	0.437	0.437	0.411	0.396	0.303	0.020
Nitrate + Nitrite	mg/L N	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.144	0.236	0.432	0.519	0.512	0.497	0.466	0.365	0.020
Nitrite-N	mg/L N	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.123	0.054	0.082	0.075	0.086	0.090	0.061	0.000
Total Phosphorus	mg/L P	1.6	2.34	2.32	2.52	2.27	2.55	1.68	1.79	1.29	1.14	1.4	1.14	1.11	1.1	1.2	1.06
Total Nitrogen	mg/L N	11.4	18.4	18.2	16.4	14.9	15.1	11.9	11.9	8.4	6.3	6.5	6.1	7.8	6.1	7.4	6.7
Total Suspended Solids	mg/L	106	170	168	200	200	290	248	180	132	135	132	144	132	116	208	744
E Coli	MPN/100 mL	800,000	1,240,000	1,050,000	800,000	1,150,000	1,480,000	1,240,000	1,110,000	987,000	909,000	839,000	593,000	613,000	677,000	778,000	763,000
Fecal Coliform	MPN/100 mL	1,790,000	4,190,000	4,610,000	4,880,000	2,480,000	3,880,000	2,480,000	1,480,000	1,500,000	2,380,000	2,510,000	1,860,000	1,940,000	1,780,000	1,730,000	3,260,000
Temperature	°C	12.70	12.70	12.70	12.70	12.70	12.70	12.70	12.70	12.70	12.70	12.70	12.70	12.80	12.70	12.70	12.80
pH	units	7.65	7.65	7.65	7.64	7.62	7.65	7.74	7.66	7.66	7.67	7.68	7.64	7.62	7.64	7.75	7.60
Conductivity	µS/cm	774	775	756	710	692	695	658	700	680	654	620	600	607	534	470	461

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