

Strathmillan

Set 1: 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	6.90	6.70	7.90	6.20	14.50	8.70	3.54	3.97	4.52	3.08	3.27	3.89	3.44	3.53	3.00	3.01	3.34	3.15	2.97	3.31	2.82	2.68	2.65	
BOD	mg/L	14.8	14.4	10.4	10.0	8.1	4.27	2.61	1.86	8.1	22.6	78.8	28.4	25.1	30.4	58	45.6	83.2	34.4	53.8	24.7	46.9	24.1	26.1	22.3
Nitrite-N	mg/L N	0.1500	0.15	0.020	0.020	0.200	0.200	0.200	0.200	0.200	0.450	0.450	0.450	0.450	0.450	0.450	0.450	0.450	0.450	0.450	0.450	0.450	0.450	0.450	0.450
Nitrate + Nitrite	mg/L N	0.450	0.450	0.070	0.230	0.230	0.230	0.230	0.230	0.230	0.450	0.450	0.450	0.450	0.450	0.450	0.450	0.450	0.450	0.450	0.450	0.450	0.450	0.450	0.450
Nitrite-N	mg/L N	0.564	0.566	0.020	0.100	0.100	0.100	0.100	0.100	0.100	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200
Total Phosphorus	mg/L P	0.485	0.419	1.080	3.37	12.2	5.9	3.17	1.82	1.55	1.31	1.04	1.1	1.06	0.96	0.99	1.02	1.2	0.96	0.855	0.541	0.72	0.895	0.835	0.97
Total Kjeldahl Nitrogen	mg/L N	11.1	11.1	18.9	17.9	58.5	29.0	19.6	9.9	9.8	7.4	7.5	7.3	6.6	7.1	6.7	6.2	6.8	6.1	5.0	5.4	7.8	6.7	5.9	6.0
Total Nitrogen	mg/L N	26.7	27.4	18.9	17.9	58.5	29.0	19.6	9.9	9.8	7.4	7.5	7.3	6.6	7.1	6.7	6.2	6.8	6.1	5.0	5.4	7.8	6.7	5.9	6.0
Total Suspended Solids	mg/L	27	16.0	248.0	418	1120	592	400	194	140	118	102	79	82	67	102	74	103	74	53	48	46	60	72	50
Fecal Coliform	MPN/100 mL	30,000	10,000	2,700,000	25,600,000	24,200,000	1,480,000	4,880,000	5,170,000	4,480,000	4,430,000	4,550,000	4,550,000	4,550,000	4,550,000	4,550,000	4,550,000	4,550,000	4,550,000	4,550,000	4,550,000	4,550,000	4,550,000	4,550,000	4,550,000
Temperature	°C	14.0	14.0	14.0	14.0	14.5	14.5	14.7	14.7	15.0	15.0	15.0	15.3	15.5	15.0	15.0	15.0	15.0	15.3	15.5	15.0	15.5	15.0	17.0	17.5
pH	units	7.24	7.29	7.26	6.92	6.85	6.82	6.85	6.85	6.85	7.01	7.00	7.10	7.10	7.11	7.12	7.20	7.16	7.16	7.24	7.24	7.23	7.20	7.20	7.20
Conductivity	µS/cm	1020	870	1760	2130	2200	2490	2560	2540	2690	2580	2690	2560	2520	2620	2450	2500	2360	2240	2190	2200	2160	2050	2000	2020

Set 2: 22-Jun-15

Sample ID	Unit	1	2	3	4	5	6	7	8	9	10	11	12	12
Ammonia	mg/L N	7.50	7.50	8.20	6.00	10.20	4.53	4.97	5.40	8.00	4.77	4.80	4.76	4.89
BOD	mg/L	109	211	274	325	303	82.8	48	130	131	47.2	22.8	24.6	26.3
Nitrite-N	mg/L N	0.4	0.4	0.2	0.450	0.200	0.400	0.200	0.400	0.400	0.400	0.400	0.400	0.400
Nitrate + Nitrite	mg/L N	0.450	0.450	0.230	0.450	0.230	0.450	0.230	0.450	0.450	0.450	0.450	0.450	0.450
Nitrite-N	mg/L N	0.200	0.200	0.100	0.200	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100
Total Phosphorus	mg/L P	2.65	1.61	4.92	6.51	3.32	1.81	1.39	2.28	1.91	1.28	1.12	0.957	0.778
Total Kjeldahl Nitrogen	mg/L N	17.3	21.5	27.4	33.4	22.3	12.9	9.8	16.8	15.3	10.7	9.0	7.8	6.4
Total Nitrogen	mg/L N	17.3	21.5	27.4	33.4	22.3	12.9	9.8	16.8	15.3	10.7	9.0	7.8	6.4
Total Suspended Solids	mg/L	204.0	180.0	442.0	896	294	151	72	160	107	60	23	29	33
Fecal Coliform	MPN/100 mL	1,140,000	2,410,000	1,790,000	1,650,000	2,110,000	3,980,000	1,670,000	1,400,000	1,080,000	2,600,000	6,490,000	2,360,000	2,360,000
Temperature	°C	14.8	14.7	14.7	15.3	15.2	15.0	15.1	15.4	14.7	14.9	15.1	15.9	15.9
pH	units	7.06	7.46	7.3	6.93	7.2	7.28	7.39	7.31	7.46	7.42	7.40	7.45	7.46
Conductivity	µS/cm	1320	1320	3020	3250	3490	3800	4050	4310	4410	4010	4070	4790	4790

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