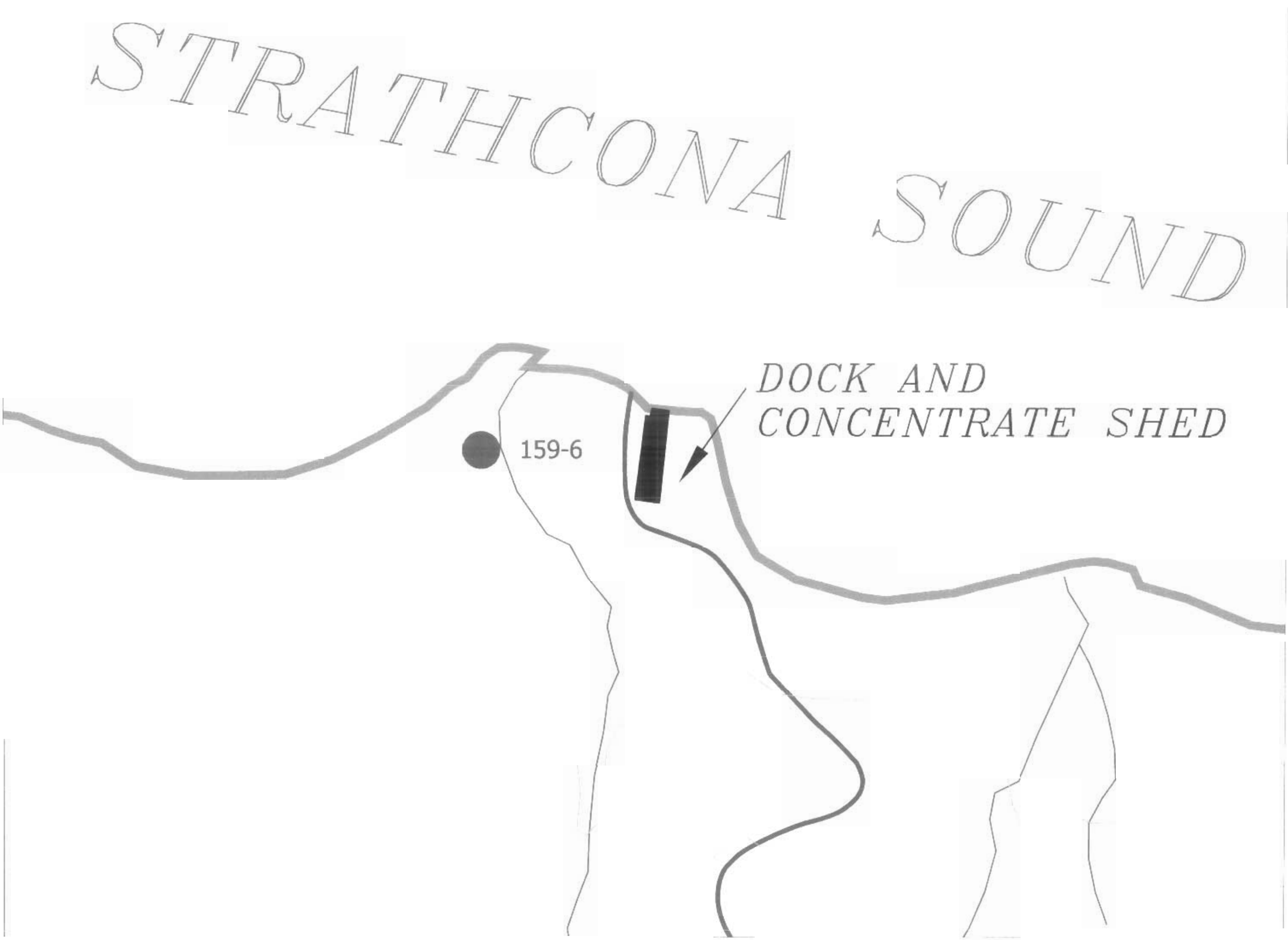
Figure 4

Dock Area Water Sampling Stations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CONCENTRATE SHED
159-6

Appendix A

Twin Lakes Water Elevations

- A-1 East Twin
- A-2 West Twin
- A-3 Graphical comparison

2004 WATER ELEVATIONS EAST TWIN LAKE (metres)												
Day	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1	371.77	371.60	371.48	371.29	371.19	371.07	372.27	372.21	372.03	371.89	372.08	372.04
2	371.75	371.60	371.47	371.29	371.19	371.05	372.27	372.13	372.03	371.89	372.08	372.04
3	371.74	371.59	371.47	371.27	371.19	371.05	372.27	372.11	372.03	371.89	372.08	372.04
4	371.74	371.59	371.46	371.26	371.18	371.04	372.27	372.13	372.05	371.89	372.08	372.04
5	371.73	371.59	371.46	371.26	371.18	371.04	372.27	372.17	372.06	371.89	372.08	372.04
6	371.72	371.58	371.46	371.25	371.17	371.04	372.28	372.24	372.06	371.89	372.08	372.04
7	371.72	371.57	371.46	371.25	371.17	371.04	372.29	372.18	372.07	371.89	372.08	372.04
8	371.72	371.56	371.45	371.25	371.17	371.04	372.29	372.15	372.09	371.89	372.07	372.04
9	371.71	371.55	371.45	371.25	371.17	371.05	372.23	372.12	372.09	371.89	372.07	372.04
10	371.71	371.54	371.45	371.25	371.16	371.07	372.19	372.10	372.09	371.89	372.07	372.03
11	371.70	371.54	371.45	371.24	371.16	371.09	372.20	372.10	372.09	371.89	372.07	372.03
12	371.69	371.54	371.44	371.24	371.15	371.13	372.21	372.10	371.99	371.89	372.07	372.03
13	371.69	371.53	371.43	371.23	371.16	371.15	372.21	372.17	371.89	372.07	372.07	372.03
14	371.69	371.53	371.42	371.23	371.15	371.17	372.21	372.17	371.89	372.07	372.07	372.03
15	371.69	371.53	371.41	371.23	371.14	371.19	372.10	372.15	371.89	372.07	372.07	372.03
16	371.67	371.53	371.41	371.23	371.14	371.19	372.12	372.13	371.89	372.07	372.07	372.03
17	371.67	371.53	371.41	371.23	371.14	371.19	372.13	372.13	371.89	372.07	372.07	372.03
18	371.67	371.52	371.40	371.24	371.14	371.19	372.13	372.13	371.89	372.07	372.06	372.03
19	371.67	371.52	371.40	371.24	371.13	371.21	372.12	372.14	371.89	372.07	372.06	372.03
20	371.65	371.52	371.37	371.23	371.13	371.26	372.12	372.14	371.89	372.08	372.06	372.03
21	371.65	371.52	371.36	371.23	371.13	371.29	372.12	372.15	371.89	372.07	372.06	372.03
22	371.65	371.52	371.35	371.23	371.13	371.37	372.13	372.13	371.89	372.07	372.05	372.03
23	371.64	371.51	371.35	371.22	371.12	371.55	372.13	372.11	371.89	372.08	372.05	372.03
24	371.64	371.51	371.34	371.22	371.11	371.67	372.14	372.09	371.89	372.08	372.05	372.03
25	371.64	371.49	371.33	371.21	371.10	371.79	372.14	372.07	371.89	372.09	372.05	372.03
26	371.63	371.49	371.33	371.21	371.10	371.85	372.14	372.07	371.89	372.09	372.05	372.03
27	371.63	371.49	371.33	371.20	371.09	371.91	372.16	372.05	371.89	372.09	372.05	372.03
28	371.63	371.49	371.32	371.21	371.09	371.97	372.13	372.05	371.89	372.09	372.05	372.03
29	371.62	371.48	371.31	371.20	371.07	372.05	372.14	372.04	371.89	372.09	372.05	372.03
30	371.61		371.31	371.20	371.07	372.19	372.56	372.03	371.89	372.09	372.05	372.03
31	371.60		371.31		371.07		372.29	372.03		372.09		372.03

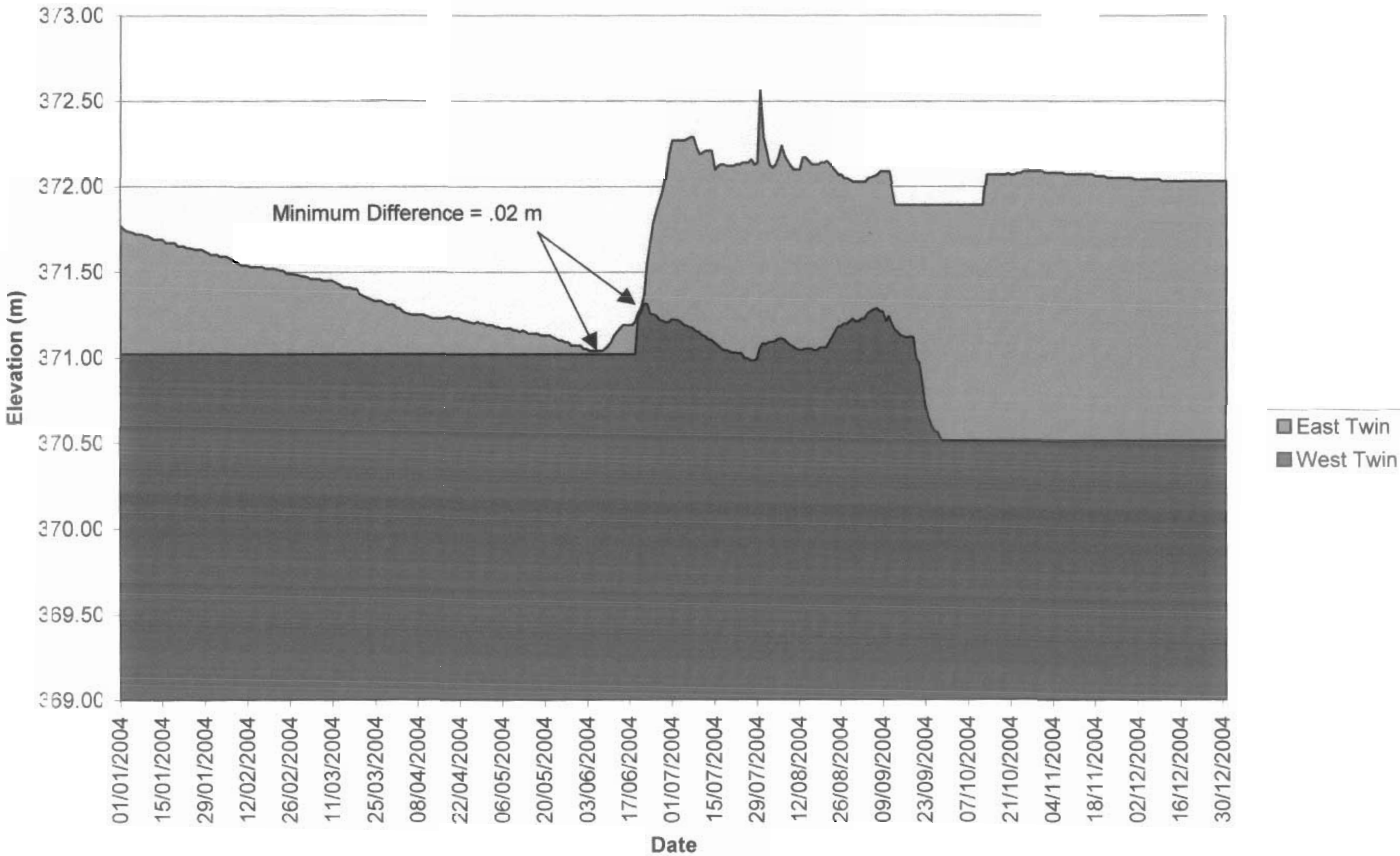
Avg	371.73
Max	372.56
Min	371.04

2004 WATER ELEVATIONS WEST TWIN RESERVOIR (metres)

Day	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1	371.02	371.02	371.02	371.02	371.02	371.02	371.22	371.08	371.21	370.51	370.51	370.51
2	371.02	371.02	371.02	371.02	371.02	371.02	371.22	371.09	371.23	370.51	370.51	370.51
3	371.02	371.02	371.02	371.02	371.02	371.02	371.22	371.09	371.23	370.51	370.51	370.51
4	371.02	371.02	371.02	371.02	371.02	371.02	371.21	371.09	371.26	370.51	370.51	370.51
5	371.02	371.02	371.02	371.02	371.02	371.02	371.19	371.11	371.27	370.51	370.51	370.51
6	371.02	371.02	371.02	371.02	371.02	371.02	371.19	371.11	371.28	370.51	370.51	370.51
7	371.02	371.02	371.02	371.02	371.02	371.02	371.18	371.11	371.29	370.51	370.51	370.51
8	371.02	371.02	371.02	371.02	371.02	371.02	371.17	371.09	371.27	370.51	370.51	370.51
9	371.02	371.02	371.02	371.02	371.02	371.02	371.16	371.07	371.27	370.51	370.51	370.51
10	371.02	371.02	371.02	371.02	371.02	371.02	371.15	371.06	371.21	370.51	370.51	370.51
11	371.02	371.02	371.02	371.02	371.02	371.02	371.13	371.05	371.24	370.51	370.51	370.51
12	371.02	371.02	371.02	371.02	371.02	371.02	371.12	371.05	371.20	370.51	370.51	370.51
13	371.02	371.02	371.02	371.02	371.02	371.02	371.11	371.04	371.16	370.51	370.51	370.51
14	371.02	371.02	371.02	371.02	371.02	371.02	371.10	371.05	371.15	370.51	370.51	370.51
15	371.02	371.02	371.02	371.02	371.02	371.02	371.09	371.05	371.13	370.51	370.51	370.51
16	371.02	371.02	371.02	371.02	371.02	371.02	371.07	371.05	371.12	370.51	370.51	370.51
17	371.02	371.02	371.02	371.02	371.02	371.02	371.06	371.04	371.12	370.51	370.51	370.51
18	371.02	371.02	371.02	371.02	371.02	371.02	371.04	371.04	371.12	370.51	370.51	370.51
19	371.02	371.02	371.02	371.02	371.02	371.02	371.04	371.06	371.12	370.51	370.51	370.51
20	371.02	371.02	371.02	371.02	371.02	371.24	371.04	371.06	371.00	370.51	370.51	370.51
21	371.02	371.02	371.02	371.02	371.02	371.27	371.03	371.06	370.97	370.51	370.51	370.51
22	371.02	371.02	371.02	371.02	371.02	371.32	371.03	371.09	370.85	370.51	370.51	370.51
23	371.02	371.02	371.02	371.02	371.02	371.31	371.02	371.12	370.72	370.51	370.51	370.51
24	371.02	371.02	371.02	371.02	371.02	371.25	371.02	371.15	370.65	370.51	370.51	370.51
25	371.02	371.02	371.02	371.02	371.02	371.25	371.00	371.18	370.60	370.51	370.51	370.51
26	371.02	371.02	371.02	371.02	371.02	371.25	370.99	371.18	370.57	370.51	370.51	370.51
27	371.02	371.02	371.02	371.02	371.02	371.22	370.98	371.20	370.56	370.51	370.51	370.51
28	371.02	371.02	371.02	371.02	371.02	371.22	370.98	371.20	370.52	370.51	370.51	370.51
29	371.02	371.02	371.02	371.02	371.02	371.21	370.99	371.21	370.51	370.51	370.51	370.51
30	371.02		371.02	371.02	371.02	371.21	371.05	371.23	370.51	370.51	370.51	370.51
31	371.02		371.02		371.02		371.08	371.21		370.51		370.51

Avg	370.91
Max	371.32
Min	370.51

East Twin Lake and West Twin Reservoir Elevations



Appendix B

2003 Water Data

159-4													
Date	Temp. (oC)	pH	Cond. (mS)	T.S.S. (mg/L)	Cd total (mg/L)	Pb total (mg/L)	As total (mg/L)	Cu Total (mg/L)	Ni Total (mg/L)	Rad 226 (Bq/L)	Zn total (mg/L)	NH3 (mg/L)	24 Hr Flow
24-Jun	6.4	7.70	1.54	0.8	0.0007	0.016	0.0010	0.023			0.42		9504.00
25-Jun	2.8	7.90	0.83	1.6	0.0009	0.020	0.0010	0.027			0.51		10618.56
26-Jun	5.0	7.80	0.83	0.4	0.0016	0.021	0.0000	0.030			0.56	1.38	9054.72
27-Jun	3.9	8.01	1.66	0.0	0.0009	0.020	0.0000	0.029			0.52	1.64	8817.12
28-Jun	1.5	7.75	1.14	0.4	0.0009	0.028	0.0000	0.001			0.51	1.25	8959.68
29-Jun	5.0	7.66	1.66	0.4	0.0008	0.020	0.0000	0.027	0.015	0.005	0.49	1.25	9227.52
30-Jun	6.1	7.46	1.62	2.2	0.0007	0.020	0.001	0.020			0.45	1.03	9875.52
Average	4.4	7.75	1.33	0.8	0.0009	0.021	0.0004	0.022	0.015	0.005	0.49	1.31	
Mass Loading (kg)- June				57.22	0.0610	1.365	0.0300	1.487	0.991	0.330	32.60	83.81	
Total Effluent Deposited												m^3	66057

159-4

Date	Temp. (oC)	pH	Cond. (mS)	T.S.S. (mg/L)	Cd total (mg/L)	Pb total (mg/L)	As total (mg/L)	Cu Total (mg/L)	Ni Total (mg/L)	Rad 226 (Bq/L)	Zn total (mg/L)	NH3 (mg/L)	24 Hr Flow
1-Jul	6.4	7.60	1.57	0.6	0.0007	0.021	0.001	0.019			0.440	1.70	10575.36
2-Jul	9.3	7.64	1.53	0.2	0.0006	0.021	0.001	0.019			0.440	1.62	10575.36
3-Jul	8.2	7.76	1.57	0.0	0.0007	0.023	0.001	0.019			0.430	1.68	10372.32
4-Jul	9.7	7.72	1.57	0.0	0.0006	0.021	0.001	0.018			0.400	1.58	9849.6
5-Jul	10.6	7.72	1.57	0.0	0.0006	0.021	0.001	0.018			0.420	1.31	9158.4
6-Jul	10.8	7.52	1.55	0.6	0.0008	0.021	0.001	0.018			0.420	1.64	8964
7-Jul	9.7	7.72	1.54	2.0	0.0005	0.022	0.001	0.017	0.012	0.030	0.380	1.60	9624.96
8-Jul	9.8	7.78	1.50	0.2	0.0010	0.017	0.001	0.016			0.350	1.57	9745.92
9-Jul	1.2	7.54	1.46	0.0	0.0005	0.016	0.001	0.015			0.340	1.57	8290.08
10-Jul	9.4	7.85	1.48	0.0	0.0006	0.018	0.001	0.016			0.370	1.67	9149.76
11-Jul	10.1	7.79	1.49	0.0	0.0006	0.016	0.002	0.014			0.380	1.94	9175.68
12-Jul	12.0	8.00	1.44	0.0	0.0006	0.020	0.001	0.016			0.380	1.89	8441.28
13-Jul	10.5	8.14	1.43	0.2	0.0006	0.015	0.001	0.014			0.360	1.89	7218.72
14-Jul	6.1	7.71	1.46	0.0	0.0004	0.013	0.002	0.013			0.320	1.81	8242.56
15-Jul	7.1	7.84	1.43	0.0	0.0005	0.014	0.001	0.013			0.300	1.78	8052.48
16-Jul	10.9	7.84	1.40	0.0	0.0005	0.013	0.002	0.013			0.330	1.77	4462.56
17-Jul	7.7	7.80	1.40	0.0	0.0005	0.012	0.001	0.013	0.013	<.02	0.320	1.76	4587.84
18-Jul	11.1	7.99	1.38	0.0	0.0005	0.016	0.000	0.016			0.29	1.75	3669.84
19-Jul	9.2	8.06	1.42	0.4	0.0007	0.015	0.000	0.015			0.25	1.75	2734.56
20-Jul	13.2	7.79	1.40	0.6	0.0005	0.015	0.000	0.015			0.28	1.76	2304.72
21-Jul	8.80	7.78	1.43	0.8	0.0005	0.016	0.000	0.015			0.27	1.75	1343.52
22-Jul	11.5	7.63	1.43	0.0	0.0007	0.010	0.001	0.011			0.29	1.35	1518.48
23-Jul	10.4	7.58	1.46	0.0	0.0004	0.010	0.000	0.010			0.29	1.41	559.44
24-Jul	8.80	7.65	1.47	0.4	0.0004	0.009	0.001	0.011	0.010	0.02	0.29	1.38	773.28
25-Jul	1.02	7.55	1.38	0.0	0.0006	0.011	0.000	0.014	0.012	0.03	0.29	1.41	4229.28
26-Jul	11.20	7.69	1.41	0.2	0.0005	0.011	0.000	0.013			0.28	1.38	5084.64
27-Jul	9.50	7.76	1.42	0.8	0.0006	0.012	0.000	0.014			0.30	1.40	5352.48
28-Jul	10.90	7.82	1.39	0.2	0.0005	0.013	0.000	0.015			0.28	1.38	5335.2
29-Jul	10.8	7.59	1.40	0.2	0.0005	0.025	0.000	0.016			0.28	1.37	1797.12
30-Jul	12.2	7.67	1.37	5.6	0.0004	0.013	0.000	0.012			0.23	1.36	2501.28
31-Jul	8.5	7.97	1.38	5.4	0.0004	0.019	0.000	0.014	0.011	0.04	0.24	1.32	3315.6
	9.2	7.76	1.456	0.6	0.000565	0.016	0.001	0.015	0.012	0.03	0.33	1.59839	
Mass Loading (kg)- July				78.98	0.112	3.262	0.171	2.956	2.169	4.86	67.08	306.01	
										Total Effluent Deposited		m^3	187006

159-4													
Date	Temp. (oC)	pH	Cond. (mS)	T.S.S. (mg/L)	Cd total (mg/L)	Pb total (mg/L)	As total (mg/L)	Cu Total (mg/L)	Ni Total (mg/L)	Rad 226 (Bq/L)	Zn total (mg/L)	NH3 (mg/L)	24 Hr Flow
1-Aug	8.8	7.69	1.36	4.8	0.0004	0.021		0.013			0.24	1.34	4471
2-Aug	7.7	7.76	1.40	1.2	0.0004	0.019		0.016			0.25	1.32	5823
3-Aug	10.5	7.76	1.40	1.6	0.0006	0.016		0.016			0.26	1.32	5521
4-Aug	7.3	7.71	1.45	0.0	0.0004	0.011		0.012			0.28	1.31	4130
5-Aug	7.3	7.75	1.46	0.4	0.0004	0.011	0.0010	0.012			0.29	1.37	4182
6-Aug	7.3	7.80	1.46	0.0	0.0004	0.010		0.013			0.25	1.32	8135
7-Aug	8.7	7.11	1.50	1.8	0.0004	0.011	0.0000	0.017	0.009	0.03	0.28	1.35	5651
9-Aug	8.5	7.81	1.53	0.0	0.0004	0.012		0.017			0.32	1.70	2916
10-Aug	8.1	7.93	1.55	1.0	0.0004	0.016		0.020			0.33	1.73	3802
11-Aug	9.0	7.83	1.57	1.0	0.0004	0.013		0.018			0.33	1.77	3370
12-Aug	4.4	7.89	1.65	0.8	0.0005	0.015	0.0010	0.019	0.010	0.02	0.34	1.76	3283
	8.0	7.73	1.48	1.1	0.0004	0.014	0.001	0.016	0.010	0.03	0.288182	1.48091	
Mass Loading (kg)- August				58.92	0.0219	0.717	0.034	0.790	0.487	1.282	14.37	73.75	
										Total Effluent Deposited		m^3	51283

159-4													
Date	Temp. (oC)	pH	Cond. (mS)	T.S.S. (mg/L)	Cd total (mg/L)	Pb total (mg/L)	As total (mg/L)	Cu Total (mg/L)	Ni Total (mg/L)	Rad 226 (Bq/L)	Zn total (mg/L)	NH3 (mg/L)	24 Hr Flow
9-Sep	7.0	8.47	1.99	0.0	0.0004	0.003	0.002	0.017			0.15	1.15	8735.04
10-Sep	7.6	8.82	1.99	2.0	0.0004	0.003	0.002	0.018			0.14	1.21	6881.76
11-Sep	1.5	9.41	2.28	3.0	0.0003	0.001	0.002	0.019	0.012	0.04	0.06	1.18	5728.32
12-Sep	4.6	9.49	2.24	1.2	0.0002	0.002	0.002	0.020			0.04	2.54	3304.8
13-Sep	5.8	9.30	2.33	1.6	0.0003	0.001	0.002	0.024			0.07	2.78	5162.4
14-Sep	2.9	9.50	2.37	2.6	0.0002	0.001	0.002	0.026			0.08	2.66	2690.496
15-Sep	2.2	9.54	2.41	0.8	0.0003	0.001	0.002	0.026			0.06	2.72	3062.88
16-Sep	0.7	9.22	2.44	2.2	0.0003	0.001	0.002	0.028			0.07	2.66	4285.44
17-Sep	0.0	9.19	2.55	1.8	0.0003	0.001		0.027			0.09	2.66	1313.28
18-Sep	0.1	9.20	2.59	0.8	0	0.000	0.002	0.026	0.016	0.060	0.09	2.84	5585.76
19-Sep	1.2	9.14	2.5	0.6	0.0003	0.001		0.025			0.15	3.91	85155.84
20-Sep	4.3	9.48	2.55	1.6	0.0006	0.002		0.035			0.39	4.17	23479.2
21-Sep	1.9	9.03	2.61	1.6	0.0007	0.001		0.036			0.40	4.90	14497.92
22-Sep	2.5	8.58	2.675	1.2	0.0008	0.001		0.037			0.43	4.90	13037.76
23-Sep	3.1	8.13	2.74	0.8	0.0008	0.001		0.037			0.46	4.90	11577.6
24-Sep	3.9	9.04	2.65	0.2	0.0007	0.001		0.038			0.45	4.90	16545.6
25-Sep	3.7	9.25	2.55	0.0	0.0007	0.001	0.003	0.037	0.024		0.44	4.90	10553.76
26-Sep	3.2	8.91	2.76	0.0	0.0007	0.001		0.038			0.46	4.57	7516.8
27-Sep	3.5	8.71	2.65	0.6	0.0008	0.002		0.039			0.47	4.10	4691.52
28-Sep	4.1	8.62	2.75	1.2	0.0009	0.001		0.040			0.51	4.36	4752
29-Sep	3.0	8.64	2.74	0.4	0.0008	0.001		0.040			0.51	4.56	3520.8
30-Sep	2.0	8.59	2.69	0.4	0.0009	0.001		0.039			0.51	4.62	3456
Average	3.1	9.01	2.50	1.1	0.0005	0.001	0.002	0.031	0.0173	0.050	0.27	3.51	
Mass Loading (kg)- Sept				220.3	0.1203	0.303	0.516	7.352	4.256	12.280	66.83	955.76	
										Total Effluent Deposited		m^3	245535

159-6

Date	Temp. (oC)	pH	Cond. (mS)	T.S.S. (mg/L)	Cd total (mg/L)	Pb total (mg/L)	Zn total (mg/L)
16-Jun	3.2	7.80	0.36	9.2	0.0007	0.005	0.41
24-Jun	5.4	7.90	0.38	17.2	0.0015	0.012	0.52
1-Jul	8.4	8.10	0.17	22.6			
7-Jul	7.5	8.00	0.16	3.6	0.0003	0.002	0.12
14-Jul	7.5	8.15	0.16	3.4			
21-Jul	10.4	8.21	0.21	1.0	0.0004	0.001	0.17
28-Jul	8.6	7.78	0.24	1.2			
4-Aug	9.8	7.87	0.38	4.2	0.0006	<0.001	0.18
1-Sep	5.4	8.16	0.55	0.0			
8-Sep	9.2	7.65	0.15	3.2	0.0007	0.003	0.23
15-Sep	7.5	8.07	1.39	0.0	0.0064	<0.001	0.73

Date	As total (mg/L)	Cu Total (mg/L)	Cd dissolved (mg/L)	Pb dissolved (mg/L)	Zn dissolved (mg/L)	NH3 (mg/L)	S04
16-Jun							
24-Jun	<0.001	0.006	0.0015	0.012	0.500	0.47	
1-Jul							
7-Jul						0.08	
14-Jul							
21-Jul						0.09	
28-Jul							
4-Aug			0.000	<0.001	0.18	0.09	
1-Sep							
8-Sep			0.0006	0.001	0.22	0.04	56.0
15-Sep			0.0006	<0.001	0.70	0.55	440.0

159-9											
Date	Station	Temp. (oC)	pH	Cond. (mS)	T.S.S. (mg/L)	S04	Cd total (mg/L)	Pb total (mg/L)	Zn total (mg/L)	Pb dissolved (mg/L)	Zn dissolved (mg/L)
16-Jun	159-9	2.2	7.70	0.26	7.4			0.001	0.01		
24-Jun	159-9	3.8	7.70	1.27	2.6			0.008	0.28		0.250
1-Jul	159-9	5.9	7.70	0.13	2.2						
7-Jul	159-9	6.8	7.98	0.09	4.4			0.003	0.03		
14-Jul	159-9	6.0	7.93	0.14	3.8						
21-Jul	159-9	7.20	7.63	0.10	3.2		<0.0001	<0.001	0.02		
28-Jul	159-9	5.5	7.81	0.18	2.2						
4-Aug	159-9	7.7	7.77	0.28	5.0			<0.001	0.03	<0.001	0.030
1-Sep	159-9	6.3	7.78	0.46	0.8						
8-Sep	159-9	6.4	7.81	0.07	5.8	26		<0.001	0.04	<0.001	<0.01
15-Sep	159-9	2.6	8.02	1.64	0.0	54		<0.001	0.03	<0.001	0.020

159-10								
Date	Temp. (oC)	pH	Cond. (mS)	T.S.S. (mg/L)	S04	Cd total (mg/L)	Pb total (mg/L)	Zn total (mg/L)
24-Jun	3.5	7.70	0.96	4.0		0.0019	0.022	0.95
1-Jul	6.6	7.61	0.14	3.6				
7-Jul	5.4	7.80	0.12	4.8		0.0004	0.003	0.17
14-Jul	5.8	7.76	0.17	2.4				
21-Jul	7.70	7.64	0.13	2.8		0.0007	0.001	0.32
28-Jul	6.5	7.66	0.19	2.2				
4-Aug	6.4	7.84	0.34	3.0		0.0013	0.002	0.56
1-Sep	5.5	7.65	0.54	1.0		0.002		2.41
8-Sep	4.9	7.86	0.07	0.0				
15-Sep	4.5	7.96	1.67	0.6	600.0	0.0029	0.001	1.08

159-15								
Date	Temp. (oC)	pH	Cond. (mS)	T.S.S. (mg/L)	S04	Cd total (mg/L)	Pb total (mg/L)	Zn total (mg/L)
16-Jun	no flow							
23-Jun	2.7	8.30	0.17	0.80		0.0001	<0.001	<0.01
30-Jun	6.6	8.06	0.18	0.00				
8-Jul	5.3	8.35	0.45	0.00		<0.0001	<0.001	<0.01
15-Jul	4.7	8.42	0.37	0.00				
22-Jul	no flow							
29-Jul	5.9	8.36	0.39	0.00				
7-Aug	2.6	8.52	0.34	0.00		<0.0001	<0.001	<0.01
19-Aug	5.6	8.40	0.34	0.00		<0.0001	<0.001	<0.01
9-Sep	2.2	8.52	0	0.00	71.0			
16-Sep	no flow							

159-16

Date	Temp. (oC)	pH	Cond. (mS)	T.S.S. (mg/L)	S04	Cd total (mg/L)	Pb total (mg/L)	Zn total (mg/L)
16-Jun	5.7	7.80	0.27	2.0		0.0001		0.01
23-Jun	7.3	8.30	0.10	1.6		0.0001	<0.001	<0.01
30-Jun	5.7	8.07	0.05	0.8				
8-Jul	4.2	8.19	0.04	8.2		<0.0001	0.002	0.03
15-Jul	7.0	8.48	0.11	0.0				
22-Jul	14.5	8.35	0.10	3.4		<0.0001	0.002	0.02
29-Jul	8.8	8.50	0.17	3.8				
7-Aug	4.8	8.59	0.22	0.0		<0.0001	0.001	0.03
19-Aug	6.0	8.45	0.23	0.0		<0.0001	<0.001	0.02
9-Sep	2.1	8.60	0	0.0	48.0			
16-Sep	0.6	8.53	0.32	0.2	78.0	<0.0001	<0.001	<0.01

159-18								
Date	Temp. (oC)	pH	Cond. (mS)	T.S.S. (mg/L)	S04	Cd total (mg/L)	Pb total (mg/L)	Zn total (mg/L)
23-Jun	UTT			0.0				
30-Jun	8.50	8.43	0.84	0.6				
9-Jul	no flow			0.0				
16-Jul	6.0	6.92	3.89	10.3				
22-Jul	12.6	8.54	0.30	0.0		<0.0001	0.002	0.05
29-Jul	7.7	8.46	0.36	0.2				
7-Aug	6.6	8.40	0.99	0.8		0.0003	0.003	0.09
19-Aug	6.1	8.40	0.6	0.0		0.000	0.003	0.06
9-Sep	4.6	8.57	0.57	1.2	77.0			
16-Sep	6.1	8.47	0.7	1.8	140.0	0.0001	0.004	0.08

UTT - unsafe to travel

159-19								
Date	Temp. (oC)	pH	Cond. (mS)	T.S.S. (mg/L)	S04	Cd total (mg/L)	Pb total (mg/L)	Zn total (mg/L)
23-Jun	UTT							
30-Jun	6.9	7.49	2.80	5.4				
9-Jul	13.2	7.05	3.69	6.5		0.0807	0.221	40.0
16-Jul	8.4	8.57	0.37	0.0				
22-Jul	11.3	6.52	4.30	6.6		0.0378	0.010	32.90
29-Jul	8.1	6.82	4.33	4.4				
7-Aug	6.2	8.16	1.02	0.0		0.0078	0.048	0.91
19-Aug	4.8	6.86	3.9	26.2		0.057	0.210	34.4
9-Sep	2.1	6.6	4.51	1.0	out of range			
16-Sep	3.4	7.24	4.63	3.8	out of range	0.0153	0.010	45.3