

Appendix B. MECP water quality data

		2004-09-02		2006-05-25		2006-07-17		2010-05-05		2010-09-14		2011-05-16		2011-09-13		2019-05-21		2019-09-17	
		Surface 1 MOB		Surface		Surface 1 MOB		Surface		Surface 1 MOB		Surface		Surface 1 MOB		Surface		Surface 1 MOB	
Total Phosphorus	mg/L	0.006	0.012	0.010	0.007	0.008	0.002	0.009	0.011	0.002	0.005	0.008	0.005	0.005	0.009				
Ammonia	mg-N/L	0.015	0.007	0.050	0.012	0.005	0.030	0.002	0.010	0.029	0.043	0.034	0.022	0.306	0.219				
Nitrite	mg-N/L	0.002	0.002	0.100	0.002	0.001	0.003	0.002	0.002	0.002	0.005	0.004	0.003	0.001	0.002				
Nitrate+Nitrite	mg-N/L	0.013	0.172	0.100	0.016	0.168	0.354	0.017	0.145	0.111	0.044	0.187	0.020	0.032	0.215				
Total Kjeldahl Nitrogen	mg-N/L	0.25	0.25	0.30	0.29	0.28	0.29	0.41	0.28	0.27	0.27	0.28	0.22	0.28	0.26				
Dissolved Organic Carbon	mg/L	5.7	5.5	5.2	5.6	5.5	5.4	7.0	5.5	6.0	6.2	5.8	5.6	5.2	5.6				
Dissolved Inorganic Carbon	mg/L	1.3	1.8	25.1	1	1.6	0.9	1.5	1.2	1.5	0.9	1.4	1.4	1	1.8				
pH	-	7.08	6.93	7.55	6.98	6.75	7.00	7.05	6.68	7.28	7.14	7.04	6.61	7.08	6.66				
Total Alkalinity	mg/L	8	7	106	8	7	5	6	6	7	7	6	4	6	6				
Conductivity	uS/cm	43	43	216	43	43	37	39	40	41	36	37	33	36	38				
Total Suspended Solids	mg/L	-	-	2.0	1	0.6	1.3	1.8	1.7	1.9	1	3	4.3	0.7	0.5				
Total Dissolved Solids	mg/L	-	-	143	28	28	24	25	26	26	23	24	21	24	24				
Calcium	mg/L	3.2	3.2	3.6	3.4	3.3	3.1	3.0	2.9	3.4	2.7	2.9	2.9	3.3	3.3				
Magnesium	mg/L	0.88	0.88	5.93	0.90	0.90	0.84	0.88	0.84	0.97	1.16	1.08	0.64	0.75	0.74				
Sodium	mg/L	-	-	-	-	-	-	-	-	-	-	-	2.50	2.64	2.51				
Potassium	mg/L	-	-	-	-	-	-	-	-	-	-	-	0.51	0.51	0.51				
Hardness	mg/L	11	11	113	12	12	11	11	11	12	12	12	10	11	11				
Chloride	mg/L	-	-	-	-	-	-	-	-	-	-	-	3.2	4.3	4.9				
Sulphate	mg/L	-	-	-	-	-	-	-	-	-	-	-	3.4	3.7	3.4				

