



APPENDIX 9-2

**SURFACE WATER -
FIELD PARAMETER
MEASUREMENTS**

Appendix 9-2: Surface Water - Field Parameter Measurements

Event 1 23/09/2025 - 25/09/2025															
Site Location	SW-L01	SW-L02	SW-L03	SW-L04	SW-L05	SW-L06	SW-L07	SW-L08	SW-L09	SW-L10	SW-L11	SW-L12	SW-G13	SW-G14	SW-B15
ITM X	622848	622819	622027	621769	621534	621341	620391	620631	620607	620196	620201	616678	618296	612910	621805
ITM Y	587492	587486	586881	586902	586825	587019	588472	586748	586242	585551	585533	583968	588656	589547	589287
Temperature (C)	11	10.6	9.8	11	9.2	9.3	10.3	11	10.2	11	9.8	9.2	9.5	9.7	nm
Dissolved Oxygen (%)	94.6	41.4	91.6	94.9	98.3	102	83.1	99.5	102	104	104	99.2	84.5	95.3	nm
Dissolved Oxygen (mg/l)	10.4	4.6	10.4	10.5	11.3	11.6	9.31	11	11.4	11.5	11.8	11.4	9.66	10.8	nm
Conductivity (µscm)	163	168	159	186	176	136	89.4	129	156	151	170	169	117	157	nm
pH	6.66	5.6	7.27	7.19	7.13	7.34	6.13	6.45	6.75	6.84	6.87	6.8	6.99	6.79	nm
ORP (mV)	78.7	79.4	108	129	131	133	131	173	143	175	218	73.9	171	164	nm
Event 2 03/02/2026 - 05/02/2026															
Temperature (C)	7.2	6.9	6.7	6.9	7.2	7.1	7.4	8.1	7.8	8.2	8.2	8.3	6.9	8.3	6.8
Dissolved Oxygen (%)	84.4	75.2	88.7	91.1	85.1	87.4	75.4	86.5	86.5	84.4	83.7	81.3	82.8	86.7	87.5
Dissolved Oxygen (mg/l)	10.2	9.07	10.8	11.1	10.2	10.6	9.07	10.2	10.3	9.95	9.87	9.59	10.1	10.2	10.7
Conductivity (µscm)	121	110	105	173	139	109	83	99.5	122	132	129	134	81.2	124	80.2
pH	6.63	6.48	6.4	7.24	6.97	6.96	4.32	6.42	6.71	6.8	6.79	6.98	6.42	6.9	6.4
ORP (mV)	41.1	18.8	165	139	-3.9	5.1	72.5	-5.1	-1.6	20	61	14.7	53.1	51.5	51.3
Note: nm = not measured															