

Point 1 (Leachate 1)	LOR	Unit	20-Jan-22	01-Apr-22	19-May-22	29-Jul-22	20-Oct-22	31-Jan-23	27-Apr-23	27-Jul-23	31-Oct-23	30-Jan-24	18-Apr-24	15-May-24	10-Jul-24	30-Oct-24	30-Jan-25	30-Apr-25	24-Jul-25	20-Oct-25	22-Jan-26	22-Apr-26
Total Alkalinity (As CaCO ₃)	1.00	mg/L	1840	3500	NR	1460	812	916	3980	1170	2980	2300	886	Not Sampled	520	3090	1400	1720	1100	600	972	2720
Ammonia	0.01	mg/L	271	459	394	181	66.6	0.43	615	63.8	419	398	116		45.3	392	160	167	183	56.9	122	338
Conductivity	1.00	S/m	0.543	0.467	0.473	0.704	0.378	0.433	1.65	1.06	1.26	1.14	0.494		0.323	1.51	0.806	0.951	0.683	0.364	0.6	12
Dissolved Oxygen	0.01	mg/L	2.47	1.62	6.93	1.18	0.82	1.78	2.11	6.72	5.39	3.14	0.65		1.65	1.49	1.16	0.64	1.4	2.88	1.2	1.27
Nitrate	0.01	mg/L	0.27	<0.1	<0.1	<0.1	<0.1	0.17	<0.10	<0.1	<0.10	<0.10	<0.10		0.12	<0.10	<0.10	<1.00	<1.00	3.35	<0.10	<1.00
pH	0.10	pH units	7.0	7.5	7.0	8.3	8.1	8.4	7.4	8.5	8.2	8.0	7.8		7.7	8.5	8.2	8.1	8	7.5	7.5	8.2
Sulfate (As SO ₄)	1.00	mg/L	<10	<100	<20	<10	<10	<50	<20	164	<10	<100	<10		<10	<10	<1	<100	<100	<100	<20	<100
Temperature	0.10	Degrees C	24.6	20.6	17.6	15.2	21.7	25.5	23.0	17.5	18.3	26.7	20.1		15.0	31.5	24.7	18.4	14.9	20.9	23.3	18
Total Organic Carbon	0.01	mg/L	1550	1680	1220	1270	450	304	3430	373	4050	1070	66		41	1960	637	858	800	213	764	1010

Point 2 (Groundwater 1)	LOR	Unit	20-Jan-22	01-Apr-22	19-May-22	29-Jul-22	20-Oct-22	31-Jan-23	27-Apr-23	27-Jul-23	31-Oct-23	30-Jan-24	18-Apr-24	15-May-24	10-Jul-24	30-Oct-24	30-Jan-25	30-Apr-25	24-Jul-25	20-Oct-25	22-Jan-26	22-Apr-26
Alkalinity (As CaCO ₃)	1.00	mg/L	104	110	126	87	82	82	105	95	85	129	104	95	114	117	109	99	110	115	102	120
Ammonia	0.01	mg/L	0.01	0.04	0.06	0.03	0.01	0.1	0.15	0.05	0.53	1.3	0.23	0.23	0.11	0.01	0.10	0.10	0.02	0.06	0.05	0.08
Conductivity	1.00	S/m	0.0682	0.068	0.0865	0.0745	0.076	0.0782	0.0808	0.129	0.146	0.0591	0.08	0.0933	0.10	0.086	0.084	0.088	0.088	0.909	0.087	0.905
Dissolved Oxygen	0.01	mg/L	4.67	5.01	5.26	5.62	3.99	3.31	3.86	3.4	4.26	2.32	5.53	2.65	4.31	3.61	3.81	4.15	4.35	4.27	5.06	6.23
Nitrate	0.01	mg/L	11.5	14.0	11.6	10.5	9.6	9.9	9.26	10.2	6.17	8.82	14.2	15.9	16.2	14.7	14.9	13.2	14.3	15.9	14.3	12.0
pH	0.10	pH units	7.1	6.6	7.8	6.5	6.2	6.0	6.5	6.8	6.3	6.2	6.5	5.8	6.1	6.7	6.3	5.6	6.3	6	6.1	6.0
Sulfate	1.00	mg/L	32	34	47	33	35	38	37	36	32	41	34	41	47	38	38	46	47	227	50	43
Temperature	0.10	Degrees C	19.5	17.9	18.3	17.8	18.9	20.5	18.6	18.1	17.6	21.8	19.6	19.1	18.1	21.4	18.8	17.9	18.1	19.3	18.9	17.5
Total Organic Carbon	0.01	mg/L	3	4	3	4	2	3	2	6	5	7	2	7	1	3	2	14	3	2	3	22
Standing Water Level	0.10	Metres	12.0	11.1	11.4	11.4	11.0	12.4	12.1	12.65	12.2	12.05	11.9	11.35	11.7	11.6	12.46	11.97	12.05	12.65	12.6	12.21

Point 3 (Groundwater 2)	LOR	Unit	20-Jan-22	01-Apr-22	19-May-22	29-Jul-22	20-Oct-22	31-Jan-23	27-Apr-23	27-Jul-23	31-Oct-23	30-Jan-24	18-Apr-24	15-May-24	10-Jul-24	30-Oct-24	30-Jan-25	30-Apr-25	24-Jul-25	20-Oct-25	22-Jan-26	22-Apr-26
Alkalinity (As CaCO ₃)	1.00	mg/L	DRY	153	542	595	606	724	Insufficient Sample	Insufficient Sample	Insufficient Sample	DRY	No safe	178	Insufficient Sample	DRY	193	123	180	205	158	Insufficient Sample - well was dry
Ammonia	0.01	mg/L	DRY	0.07	0.1	0.36	0.41	0.48				DRY		0.03		DRY	0.08	0.39	0.03	0.1	0.21	
Conductivity	1.00	S/m	DRY	0.278	0.294	0.602	0.574	0.571				DRY		0.366		DRY	0.296	0.258	0.296	0.343	0.213	
Dissolved Oxygen	0.01	mg/L	DRY	4.6	4.6	3.37	3.42	1.34				DRY		3.51		DRY	4.05	5.93	4.75	5.35	6.24	
Nitrate	0.01	mg/L	DRY	0.25	<0.01	<0.01	0.09	<0.10				DRY		2.99		DRY	8.36	2.73	0.18	0.73	0.56	
pH	0.10	pH units	DRY	6.2	5.6	6.8	6.8	6.8				DRY		6.1		DRY	6.4	6	6.3	6.3	6.4	
Sulfate	1.00	mg/L	DRY	97	30	31	28	24				DRY		152		DRY	187	169	94	138	137	
Temperature	0.10	Degrees C	DRY	21.8	23.6	21.2	23.4	24.2				DRY		21.7		DRY	21.6	19.7	20.3	21.8	19.8	
Total Organic Carbon	0.01	mg/L	DRY	12	54	60	47	65				DRY		4		DRY	7	7	8	6	7	
Standing Water Level	0.10	Meters	DRY	12.41	11.85	11.97	11.5	11.7				DRY		11.58		DRY	12.39	12.12	12.12	12.25	12.2	

Point 5 (Leachate 2)	LOR	Unit	20-Jan-22	01-Apr-22	19-May-22	29-Jul-22	20-Oct-22	31-Jan-23	27-Apr-23	27-Jul-23	31-Oct-23	30-Jan-24	18-Apr-24	15-May-24	10-Jul-24	30-Oct-24	30-Jan-25	30-Apr-25	24-Jul-25	20-Oct-25	22-Jan-26	22-Apr-26
Alkalinity (As CaCO ₃)	1.00	mg/L																		1210	983	1890
Ammonia	0.01	mg/L																		95.50	77.30	154.00
Conductivity	1.00	S/m																		0.647	0.653	9.120
Dissolved Oxygen	0.01	mg/L																		2.44	1.61	1.55
Nitrate	0.01	mg/L																		<1.00	<0.10	<1
pH	0.10	pH units																		8	8.3	8.6
Sulfate	1.00	mg/L																		>100	32	<100
Temperature	0.10	Degrees C																		22.4	23.8	18.3
Total Organic Carbon	0.01	mg/L																		422	874	1060

Point 6 (Quarry Pond)	LOR	Unit	20-Jan-22	01-Apr-22	19-May-22	29-Jul-22	20-Oct-22	31-Jan-23	27-Apr-23	27-Jul-23	31-Oct-23	30-Jan-24	18-Apr-24	15-May-24	10-Jul-24	30-Oct-24	30-Jan-25	30-Apr-25	24-Jul-25	20-Oct-25	22-Jan-26	22-Apr-26
Alkalinity (As CaCO ₃)	1.00	mg/L																			127	413
Ammonia	0.01	mg/L																			3.36	7.67
Conductivity	1.00	S/m																	0.078	0.654	0.901	9.340
Dissolved Oxygen	0.01	mg/L																			82	n/a
Nitrate	0.01	mg/L																			0.03	<0.01
pH	0.10	pH units																	7.9	7.8	8.5	8.2
Sulfate	1.00	mg/L																				274
Temperature	0.10	Degrees C																				18.4
Total Organic Carbon	0.01	mg/L																				44

* LOR - Limit of Reporting