



Pollution Monitoring Data - Holcim Dunloe Sand Quarry (EPL Number 13077)

Facility Address: Pottsville-Mooball Road, MOOBALL, NSW, 2483
Link to EPL on Public Register: https://apps.epa.nsw.gov.au/proposals/Detail.aspx?nsid=13077&id=13077&action=licence&searchrange=licence&range=PCFO%20licence&pinno&status=issued
Date published: 13-Apr-2026

Air Quality Monitoring - Deposition Results

Table with columns: Location, Frequency, Source, Lower Limit, Upper Limit, Unit, Description, Sample Date, Annual average (2025), and monthly data from January to March 2025. Includes rows for Haul Road, Windmill, Sugar Shed, and Black Rock.

Comments regarding deposition monitoring outcomes. Includes Comment 1, Comment 2, and Comment 3.

Noise Monitoring Results

Table with columns: Location, Frequency, Source, Lower Criteria, Upper Criteria, Unit, Description, Quarter, and monthly noise data for 2023 Q1, Q2, Q3, and Q4. Includes rows for NE Boundary, Pottsville Road R2, Warwick Park Road R3, 26 Warwick Park Road R4, 157 Warwick Park Road R6, 129 Warwick Park Road R7, and 679 Pottsville Road R8.

Comments regarding noise monitoring outcomes. Includes Comment 1, Comment 2, and Comment 3.

Surface Water Results

Discharge Surface Water Monitoring Results

Table with columns: Location, Frequency, Source, Lower Criteria, Upper Criteria, Unit, Description, Month, and monthly water quality data. Includes rows for Point 1 Silt Pond and Point 2 Dredge Pond.

Comments regarding blue green algae monitoring requirements. Includes Comment 1, Comment 2, and Comment 3.

EMP - Blue Green Algae Monitoring Requirements

Table with columns: Location, Frequency, Source, Lower Criteria, Upper Criteria, Unit, Description, and monthly data from January to March 2025. Includes rows for Dredge Pond and Silt Pond.

2023 Comments regarding blue green algae monitoring requirements. Includes Comment 1, Comment 2, and Comment 3.

EMP - Monthly Surface Water Monitoring Requirements

Table with columns: Location, Frequency, Source, Lower Criteria, Upper Criteria, Unit, Description, and monthly data from January to March 2025. Includes rows for Pond 1 - Silt Pond and Pond 2 - Dredge Pond.

Comments regarding monthly surface water monitoring outcomes. Includes Comment 1, Comment 2, and Comment 3.

EMP - Quarterly Surface Water Monitoring Requirements

Table with columns: Location, Frequency, Source, Lower Criteria, Upper Criteria, Unit, Description, and quarterly data for 2025. Includes rows for SW3 Northern Creek and SW4.

Northern Creek	Quarterly	EMP Section 6.2	0	0.08	mg/L	Total Phosphorus	Result	0.77	0.02	0.01	0.05		
			-	-	-	Ebb or flood	Flow direction	Result	-	-	-	-	
SW9 Southern Creek	Quarterly	EMP Section 6.2	5	7.5	pH units	pH	Result	6.6	6.7	7	6.1		
			1800	2400	µS/cm	Electrical Conductivity	Result	2079	3419	1320	4180		
			0	25	mg/L	Suspended Solids	Result	41	20	10	25		
			0	-	mg/L	Dissolved Oxygen	Result	3.8	7	6.1	1.2		
			0	1	mg/L	Total Nitrogen	Result	2.2	1.3	0.8	0.7		
			0	0.08	mg/L	Total Phosphorus	Result	0.15	0.02	0.01	0.03		
			-	-	-	Ebb or flood	Flow direction	Result	-	-	-	-	
			5	7.5	pH units	pH	Result	5.9	6.4	6.6	6.8		
			1800	2400	µS/cm	Electrical Conductivity	Result	1463	1195	4780	7400		
			0	25	mg/L	Suspended Solids	Result	100	12	28	7.5		
SW10 Southern Creek	Quarterly	EMP Section 6.2	0	-	mg/L	Dissolved Oxygen	Result	5.7	6.7	4.7	4.2		
			0	1	mg/L	Total Nitrogen	Result	2.7	0.6	0.7	0.4		
			0	0.08	mg/L	Total Phosphorus	Result	0.21	0.04	0.01	0.01		
			-	-	-	Ebb or flood	Flow direction	Result	-	-	-	-	
			Laboratory report issue date							4 Apr 2025	13 Jun 2025	22 Sep 2025	8 Jan 2026

7.01  
825  
RESULTS PENDING  
3.33  
RESULTS PENDING  
RESULTS PENDING  
6.87  
1200  
RESULTS PENDING  
4.19  
RESULTS PENDING  
RESULTS PENDING  
RESULTS PENDING

Location	Frequency	Source	Lower Criteria	Upper Criteria	Unit	Description	Month Sample Date	Quarterly			
								Quarter 1 18 Mar 2025	Quarter 2 12 Jun 2025	Quarter 3 19 Sep 2025	Quarter 4 11 Dec 2025
Pond 1 - Silt Pond	Quarterly	EMP Section 6.2	0	40	mg/L	Manganese	Result	0.005	0.028	0.031	0.005
			0	100	mg/L	Magnesium	Result	3.9	4.1	6.7	4.6
			0	500	mg/L	Sodium	Result	13	14	29	16
			0	40	mg/L	Potassium	Result	2.8	2.4	2.4	2
			0	400	mg/L	Bicarbonate	Result	20	20	63	28
			0	1000	mg/L	Chloride	Result	27	16	40	21
			0	800	mg/L	Sulfate / Sulphate	Result	74	110	96	89
			0	0.5	mg/L	Aluminium (Soluble)	Result	0.07	0.05	0.08	0.11
			0	0.005	µg/L	Arsenic	Result	0.001	0.001	0.001	0.002
			0	20	mg/L	Ammonium	Result	0.01	0.01	0.01	0.08
			0	20	µg/L	Iron (Soluble)	Result	0.08	0.1	0.05	2.2
			2	10	µg/L	Chlorophyll a	Result	5	17	8.7	5
			0	1000	Median no./100ml	Faecal coliforms	Result	70	30	50	10
			0	250	Median no./100ml	Enterococci	Result	10	10	96	40
			0	40	mg/L	Manganese	Result	0.01	0.008	0.005	0.006
			0	100	mg/L	Magnesium	Result	4.7	3.6	3.9	5.8
			0	500	mg/L	Sodium	Result	13	13	15	20
			0	40	mg/L	Potassium	Result	2.8	1.8	2	2.4
			0	400	mg/L	Bicarbonate	Result	34	38	22	35
			0	1000	mg/L	Chloride	Result	22	15	19	25
0	800	mg/L	Sulfate	Result	85	64	79	130			
0	0.5	mg/L	Soluble Aluminium	Result	0.28	0.05	0.05	0.07			
0	0.005	µg/L	Arsenic	Result	0.001	0.001	0.001	0.001			
0	20	mg/L	Ammonium	Result	0.01	0.01	0.01	0.02			
0	20	µg/L	Soluble Iron	Result	0.14	0.05	0.05	0.05			
2	10	µg/L	Chlorophyll a	Result	5	5	11	5			
0	1000	Median no./100ml	Faecal coliforms	Result	116	20	22	50			
0	250	Median no./100ml	Enterococci	Result	22	10	138	140			
Laboratory report issue date							19 Mar 2025 & 4 Apr 2025	13 Jun 2025	22 Sep 2025	8 Jan 2026	

Comments regarding quarterly surface water monitoring outcomes  
 Comment 1  
 Comment 2  
 Comment 3

**EMP - Quarterly Vertical Profile Monitoring**

Location	Frequency	Source	Lower Criteria	Upper Criteria	Unit	Description	Nominal Depth Sample Date	Vertical Profile										
								Surface 14/01/2025	1.0 14/01/2025	2.1 14/01/2025	3.1 14/01/2025	4.0 14/01/2025	5.0 14/01/2025	6.0 14/01/2025	7.1 14/01/2025	8.2 14/01/2025	9.0 14/01/2025	
Pond 2 Dredge Pond	Quarterly	2020 EMP Soil and Water Management Plan	5	8.5	pH units	pH	Result	6.9	6.4	6.4	6.3	6.8	6.7	6.5	6.3	6.1	6	
			0	5500	µS/cm	Electrical Conductivity	Result	221	225	225	225	225	225	231	246	250		
			4	-	mg/L	Dissolved Oxygen	Result	4.6	3.1	3.2	3.6	3.6	3.7	2.7	0	0		
			0	20	NTU	Turbidity	Result	440	0.7	0.7	0.8	0.8	0.8	1.2	2.4	2		
			0	10	mg/L	Oil & Grease	Result	5.9	-	-	-	-	-	-	-	-	-	
			Laboratory report issue date							n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Surface	1	2.1	3.1	4	5.0	6.0	7.1	8.2	9.0
25 Mar 2026	25 Mar 2026	25 Mar 2026	25 Mar 2026	25 Mar 2026	25 Mar 2026	25 Mar 2026	25 Mar 2026	25 Mar 2026	25 Mar 2026
8.13									
290									
8.04									
10.9									
<5									
n/a									

Location	Frequency	Source	Lower Criteria	Upper Criteria	Unit	Description	Nominal Depth Sample Date	Vertical Profile										
								Surface 5/14/2025	1.0 5/14/2025	2.0 5/14/2025	3.0 5/14/2025	4.0 5/14/2025	5.0 5/14/2025	6.0 5/14/2025	7.0 5/14/2025	8.0 5/14/2025	9.0 5/14/2025	10.0 5/14/2025
Pond 2 Dredge Pond	Quarterly	2020 EMP Soil and Water Management Plan	5	8.5	pH units	pH	Result	6.8	7.9	7.8	7.4	7.8	7.3	7.5	7.5	7.6		
			0	5500	µS/cm	Electrical Conductivity	Result	269	598	598	597	598	598	597	597	600	601	
			4	-	mg/L	Dissolved Oxygen	Result	9.7	13.5	7.9	8.1	7.3	7.6	6	7.7	8	7.8	
			0	20	NTU	Turbidity	Result	9	0.7	0.4	0.4	0.4	0.5	0.5	0.4	0.8	1.2	
			0	10	mg/L	Oil & Grease	Result	6.6	-	-	-	-	-	-	-	-	-	
			Laboratory report issue date							n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Location	Frequency	Source	Lower Criteria	Upper Criteria	Unit	Description	Nominal Depth Sample Date	Vertical Profile										
								Surface 8/13/2025	1.0 8/13/2025	2.0 8/13/2025	3.0 8/13/2025	4.0 8/13/2025	5.0 8/13/2025	6.0 8/13/2025	7.0 8/13/2025	8.0 8/13/2025	9.0 8/13/2025	10.0 8/13/2025
Pond 2 Dredge Pond	Quarterly	2020 EMP Soil and Water Management Plan	5	8.5	pH units	pH	Result	7.7	7.4	7.2	7.2	7.1	7.2	7.1	6.9	6.8	6.7	
			0	5500	µS/cm	Electrical Conductivity	Result	254	262	263	264	263	263	263	264	264		
			4	-	mg/L	Dissolved Oxygen	Result	6.8	9.2	9.1	9.4	9.3	9.1	9.1	9.3	9.3		
			0	20	NTU	Turbidity	Result	84.8	21	21	22	22	24	25	25	27	31	
			0	10	mg/L	Oil & Grease	Result	6.2	-	-	-	-	-	-	-	-	-	
			Laboratory report issue date							n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Location	Frequency	Source	Lower Criteria	Upper Criteria	Unit	Description	Nominal Depth Sample Date	Vertical Profile										
								Surface 11/12/2025	1.0 12/12/2025	2.0 13/12/2025	3.0 14/12/2025	4.0 15/12/2025	5.0 16/12/2025	6.0 17/12/2025	7.0 18/12/2025	8.0 19/12/2025	9.0 19/12/2025	10.0 19/12/2025
Pond 2 Dredge Pond	Quarterly	2020 EMP Soil and Water Management Plan	5	8.5	pH units	pH	Result	9.1	8.1	7.8	7.8	7.7	7.7	7.1	6.9	6.5		
			0	5500	µS/cm	Electrical Conductivity	Result	308	306	306	306	313	307	316	318			
			4	-	mg/L	Dissolved Oxygen	Result	6.8	7.1	6.8	6.7	6.3	4.7	5.2	5.1	1.5		
			0	20	NTU	Turbidity	Result	21.8	9	10	10	22	70	40.5	111	126		
			0	10	mg/L	Oil & Grease	Result	5	-	-	-	-	-	-	-	-		
			Laboratory report issue date							n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	

**Ground Water Results**

**EPL - Annual Groundwater Water Monitoring Requirements**

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Year Sample Date	18/03/2025
								Result
EPL Point 3 Ground Water Monitoring Bore	Yearly	EPL Section M2	-	-	mAHD	Standing Water Level	Result	1.26
			-	-	pH units	pH	Result	6.9
			-	-	mg/L	Ammonia	Result	2.4
			-	-	mg/L	Chloride	Result	240
			-	-	µS/cm	Conductivity	Result	2677
			-	-	mg/L	Total Oil & Grease	Result	11
			-	-	mg/L	Sulfate	Result	460
EPL Point 4 Ground Water Monitoring Bore	Yearly	EPL Section M2	-	-	mAHD	Standing Water Level	Result	0.73
			-	-	pH units	pH	Result	5.64
			-	-	mg/L	Ammonia	Result	1.8
			-	-	mg/L	Chloride	Result	2600
			-	-	µS/cm	Conductivity	Result	6542
			-	-	mg/L	Total Oil & Grease	Result	13
			-	-	mg/L	Sulfate	Result	170
EPL Point 5 Ground Water Monitoring Bore	Yearly	EPL Section M2	-	-	mAHD	Standing Water Level	Result	0.66
			-	-	pH units	pH	Result	4.8
			-	-	mg/L	Ammonia	Result	0.17
			-	-	mg/L	Chloride	Result	67
			-	-	µS/cm	Conductivity	Result	922
			-	-	mg/L	Total Oil & Grease	Result	19
			-	-	mg/L	Sulfate	Result	67
EPL Point 6 Ground Water Monitoring Bore	Yearly	EPL Section M2	-	-	mAHD	Standing Water Level	Result	1.51
			-	-	pH units	pH	Result	4.8
			-	-	mg/L	Ammonia	Result	0.66
			-	-	mg/L	Chloride	Result	15
			-	-	µS/cm	Conductivity	Result	842
			-	-	mg/L	Total Oil & Grease	Result	10
			-	-	mg/L	Sulfate	Result	61
EPL Point 7 Ground Water Monitoring Bore	Yearly	EPL Section M2	-	-	mAHD	Standing Water Level	Result	1.25
			-	-	pH units	pH	Result	6.5
			-	-	mg/L	Ammonia	Result	1.9
			-	-	mg/L	Chloride	Result	670
			-	-	µS/cm	Conductivity	Result	3223

Bore		EPL	-	-	mg/L	Total Oil & Grease	Result	380
DLP7	Yearly	Section M2	-	-	mg/L	Sulfate	Result	380

Comments regarding annual groundwater monitoring outcomes								
Comment 1:								
Comment 2:								
Comment 3:								

### EMP - Monthly Groundwater Monitoring Requirements

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Month Sample Date	January	February	March	April	May	June	July	August	September	October	November	December		
								14/1/2025	11/2/2025	18/3/2025	16/4/2025	14/5/2025	12/6/2025	15/7/2025	13/8/2025	10/9/2025	8/10/2025	6/11/2025	4/12/2025		
Ground Water Monitoring Bore	Monthly	EMP Section 7.4.10	-	-	mAHD	Standing Water Level	Result	0.74	0.67	1.26	1.14	1.1	0.86	0.76	0.81	0.73	0.54	0.39	0.41		
			4.2	7	pH units	pH	Result	6.5	7	6.9	7.2	7.4	6.8	7.2	7.4	7.2	7.3	7.3	7.1		
			0	2000	µS/cm	Electrical Conductivity	Result	169	2660	2877	2030	5110	368	2573	2510	1940	1970	658	2210		
			1.5	-	mg/L	Dissolved Oxygen	Result	5.9	0	0.9	0	0	0.6	0.5	1.5	1	1.1	0.4	0.6		
			0	10	mg/L	REDOX Potential	Result	138	-59	-107.9	-45	-61	143	-78.7	-80	-54	-62	109	-72		
			-	-	mAHD	Standing Water Level	Result	0.5	0.62	0.73	0.85	0.77	0.73	0.66	0.52	0.37	0.44	0.73	0.93		
			4.2	7	pH units	pH	Result	6.6	5.5	5.84	5.9	6.3	5.8	5.9	5.9	5.9	6.1	6.5	5.6		
Ground Water Monitoring Bore	Monthly	EMP Section 7.4.10	0	2000	µS/cm	Electrical Conductivity	Result	8990	8930	6542	8000	84000	7872	8347	8010	8070	8110	8459	7790		
			1.5	-	mg/L	Dissolved Oxygen	Result	25.7	0	0.3	0	0	0.9	0.7	0.3	1.1	0.8	1.3	2.5	1.5	
			0	10	mg/L	REDOX Potential	Result	45	48	72.2	32	25	-72.2	-18.3	-29	11	15	10	52		
			-	-	mAHD	Standing Water Level	Result	0.7	0.49	0.66	0.8	0.92	0.65	0.66	0.57	0.49	0.38	0.4	0.36		
			4.2	7	pH units	pH	Result	6.7	5.6	4.8	5.1	5.8	4.8	5	4.8	5.2	5	5.6	5.2		
			0	2000	µS/cm	Electrical Conductivity	Result	509	423	922	321	439	418	382	245	204	181	295	270		
			1.5	-	mg/L	Dissolved Oxygen	Result	6.1	5.2	0.5	0	0	1.7	0.7	2.6	6	0.5	0.7	0.6		
Ground Water Monitoring Bore	Monthly	EMP Section 7.4.10	0	10	mg/L	REDOX Potential	Result	66	-82	-76.8	231	97	98.5	182.3	321	257	297	65	79		
			-	-	mAHD	Standing Water Level	Result	1.12	0.93	1.51	1.47	1.36	1.17	0.99	1.12	1.2	0.68	1.03	0.97		
			4.2	7	pH units	pH	Result	5.2	6.2	4.8	5.4	5.1	3.5	3.9	4.4	5.3	5.7	6	5.3		
			0	2000	µS/cm	Electrical Conductivity	Result	206	202	847	225	482	277	215	189	156	182	121	151		
			1.5	-	mg/L	Dissolved Oxygen	Result	5.9	2.1	0.6	0	0	0.3	0.1	1.1	0.8	1.3	0.3	0.7		
			0	10	mg/L	REDOX Potential	Result	77	-195	-94.7	-6	61	329	101	-92	2	27	-63	29		
			-	-	mAHD	Standing Water Level	Result	0.98	0.83	1.25	1.34	1.18	1.01	0.86	1.09	0.9	0.62	0.82	0.82		
Ground Water Monitoring Bore	Monthly	EMP Section 7.4.10	4.2	7	pH units	pH	Result	6.5	6.9	6.5	6.9	7.5	6.8	6.8	7.1	7.1	7.2	7.7	7		
			0	2000	µS/cm	Electrical Conductivity	Result	3210	3610	3223	3000	8260	2682	3005	2270	2670	2400	3180	1780		
			1.5	-	mg/L	Dissolved Oxygen	Result	5.6	2.6	0.67	0	0	0.2	0.2	0.9	4.8	1.1	1.1	0.4		
			0	10	mg/L	REDOX Potential	Result	-37	-92	-125.7	-45	-77	-169	-135.5	-172	-39	-31	-86	59		
			-	-	mAHD	Standing Water Level	Result														
			-	-	mAHD	Standing Water Level	Result														
			4.2	7	pH units	pH	Result														

2023 Comments regarding monthly groundwater monitoring outcomes								
Comment 1:								
Comment 2:								
Comment 3:								

### 2026 EMP - Monthly Groundwater Monitoring Requirements

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Quarter Sample Date	Q1	Q2	Q3	Q4						
							11/03/2026										
Ground Water Monitoring Bore	Quarterly	EMP Section 7.4.10	-	-	mg/L	Ammonia	Result	3.2									
			0	0.005	µg/L	Arsenic	Result	<1									
			0	400	mg/L	Bicarbonate	Result	640									
			0	55	mg/L	Calcium	Result	260									
			0	1000	mg/L	Chloride	Result	160									
			0	100	mg/L	Magnesium	Result	23									
			0	0.15	mg/L	Manganese	Result	930									
Ground Water Monitoring Bore	Quarterly	EMP Section 7.4.10	0	40	mg/L	Potassium	Result	23									
			0	500	mg/L	Sodium	Result	230									
			0	0.5	mg/L	Soluble Aluminium	Result	<5									
			0	7.5	µg/L	Soluble Iron	Result	0.009									
			0	800	mg/L	Sulphate	Result	740									
			-	-	mg/L	Oil & Grease	Result	<5									
			-	-	mg/L	Ammonia	Result	2.9									
Ground Water Monitoring Bore	Quarterly	EMP Section 7.4.10	0	0.005	µg/L	Arsenic	Result	<1									
			0	400	mg/L	Bicarbonate	Result	140									
			0	55	mg/L	Calcium	Result	86									
			0	1000	mg/L	Chloride	Result	2700									
			0	100	mg/L	Magnesium	Result	120									
			0	0.15	mg/L	Manganese	Result	720									
			0	40	mg/L	Potassium	Result	12									
Ground Water Monitoring Bore	Quarterly	EMP Section 7.4.10	0	500	mg/L	Sodium	Result	1400									
			0	0.5	mg/L	Soluble Aluminium	Result	0.063									
			0	7.5	µg/L	Soluble Iron	Result	7.2									
			0	800	mg/L	Sulphate	Result	190									
			-	-	mg/L	Oil & Grease	Result	<5									
			-	-	mg/L	Ammonia	Result	0.22									
			0	0.005	µg/L	Arsenic	Result	<1									
Ground Water Monitoring Bore	Quarterly	EMP Section 7.4.10	0	400	mg/L	Bicarbonate	Result	<5									
			0	55	mg/L	Calcium	Result	1.7									
			0	1000	mg/L	Chloride	Result	20									
			0	100	mg/L	Magnesium	Result	0.5									
			0	0.15	mg/L	Manganese	Result	16									
			0	40	mg/L	Potassium	Result	1									
			0	500	mg/L	Sodium	Result	12									
Ground Water Monitoring Bore	Quarterly	EMP Section 7.4.10	0	0.5	mg/L	Soluble Aluminium	Result	0.31									
			0	7.5	µg/L	Soluble Iron	Result	2.4									
			0	800	mg/L	Sulphate	Result	2.1									
			-	-	mg/L	Oil & Grease	Result	<5									
			-	-	mg/L	Ammonia	Result	0.5									
			0	0.005	µg/L	Arsenic	Result	<1									
			0	400	mg/L	Bicarbonate	Result	<5									
Ground Water Monitoring Bore	Quarterly	EMP Section 7.4.10	0	55	mg/L	Calcium	Result	23									
			0	1000	mg/L	Chloride	Result	17									
			0	100	mg/L	Magnesium	Result	1.8									
			0	0.15	mg/L	Manganese	Result	88									
			0	40	mg/L	Potassium	Result	2.8									
			0	500	mg/L	Sodium	Result	9.1									
			0	0.5	mg/L	Soluble Aluminium	Result	0.48									
Ground Water Monitoring Bore	Quarterly	EMP Section 7.4.10	0	7.5	µg/L	Soluble Iron	Result	15									
			0	800	mg/L	Sulphate	Result	35									
			-	-	mg/L	Oil & Grease	Result	<5									
			-	-	mg/L	Ammonia	Result	0.62									
			0	0.005	µg/L	Arsenic	Result	<1									
			0	400	mg/L	Bicarbonate	Result	<5									
			0	55	mg/L	Calcium	Result	1.8									
Ground Water Monitoring Bore	Quarterly	EMP Section 7.4.10	0	1000	mg/L	Chloride	Result	23									
			0	100	mg/L	Magnesium	Result	3.8									
			0	0.15	mg/L	Manganese	Result	26									
			0	40	mg/L	Potassium	Result	4									
			0	500	mg/L	Sodium	Result	40									
			0	0.5	mg/L	Soluble Aluminium	Result	0.18									
			0	7.5	µg/L	Soluble Iron	Result	0.44									
Ground Water Monitoring Bore	Quarterly	EMP Section 7.4.10	0	800	mg/L	Sulphate	Result	64									
			-	-	mg/L	Oil & Grease	Result	<5									
Laboratory report issue date:									<5								

### EMP - Quarterly Groundwater Water Monitoring Requirements

Comments regarding quarterly groundwater monitoring outcomes								
Comment 1:								
Comment 2:								
Comment 3:								

2023 Comments regarding monthly groundwater monitoring outcomes								
Comment 1:								
Comment 2:								
Comment 3:								





