Teralba Quarry
Environmental Monitoring Summary

December 2025

Environmental Protection Licence (EPL):	536
Licensee:	Metromix Pty Limited
Licensee Address:	PO Box 1295 Parramatta, NSW 2124
Premises:	Metromix Pty Limited Teralba Quarry Rhondda Road Teralba, NSW 2284
Licensee Website:	https://www.metromix.com.au/
Licensee Website - Monitoring Results:	https://www.metromix.com.au/resources/#quarry
EPA Public Register:	https://www.epa.nsw.gov.au/licensing-and-regulation/public-registers
Prepared by:	R. W. Corkery & Co.
Sample Period:	December 2025
Date Last Data Received	23 January 2026
Date of Report	27 January 2026

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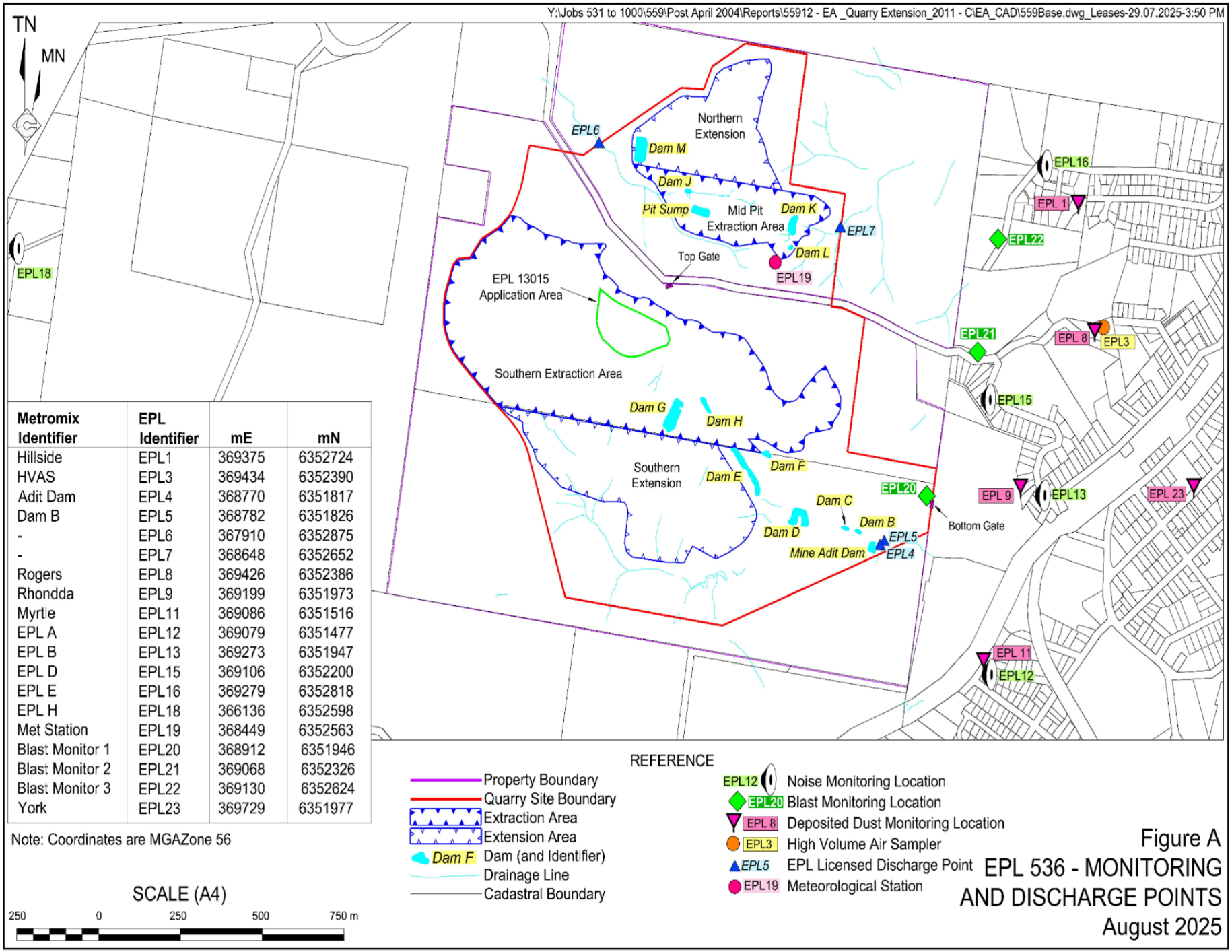


Metromix Identifier	EPL Identifier	mE	mN
Hillside	EPL1	369375	6352724
HVAS	EPL3	369434	6352390
Adit Dam	EPL4	368770	6351817
Dam B	EPL5	368782	6351826
-	EPL6	367910	6352875
-	EPL7	368648	6352652
Rogers	EPL8	369426	6352386
Rhondda	EPL9	369199	6351973
Myrtle	EPL11	369086	6351516
EPL A	EPL12	369079	6351477
EPL B	EPL13	369273	6351947
EPL D	EPL15	369106	6352200
EPL E	EPL16	369279	6352818
EPL H	EPL18	366136	6352598
Met Station	EPL19	368449	6352563
Blast Monitor 1	EPL20	368912	6351946
Blast Monitor 2	EPL21	369068	6352326
Blast Monitor 3	EPL22	369130	6352624
York	EPL23	369729	6351977

Note: Coordinates are MGAZone 56

Figure A
EPL 536 - MONITORING AND DISCHARGE POINTS
August 2025

Deposited Dust

Sample Period Start: 01/12/2025
Sample Period End: 2/01/2026
Sample Frequency: 30 ± 2 days
Sample Collected By: Metromix - AL
Date Received by Laboratory: 02/01/2026
Date Results Received by Metromix: 13/01/2026

EPA Identification No.	Location	Criteria (g/m^2/month)	Insoluble Solids (g/m^2/month)	Ash Fraction (g/m^2/month)	% Ash Fraction
1	Hillside Crescent	4.0	0.7	Not provided	Not provided
8	Rodgers Street	4.0	5.3	Not provided	Not provided
9	Rhondda Road	4.0	1.2	Not provided	Not provided
11	Myrtle Street	4.0	1.1	Not provided	Not provided
23	York Street	4.0	1.3	Not provided	Not provided

Comments

While the result for Rodgers Street was unusually high compared with data from the year to date, this does not constitute an exceedance as the annual average remains below (4g/m2/month). In addition, ash fraction results were not provided by the laboratory on this occasion. This also does not constitute a non-compliance nor an incident as, in accordance with Condition 17 of Schedule 3 of PA 10_0183, deposited dust is assessed as insoluble solids.

Deposited Dust - Year to Date

	Rhondda Road			Myrtle Street			Hillside Crescent			Rodgers Street			York Street		
	Total Insoluble Solids	Ash Fraction	% Ash	Total Insoluble Solids	Ash Fraction	% Ash	Total Insoluble Solids	Ash Fraction	% Ash	Total Insoluble Solids	Ash Fraction	% Ash	Total Insoluble Solids	Ash Fraction	% Ash
Units	**g/m^2/month**	**g/m^2/month**		**g/m^2/month**	**g/m^2/month**		**g/m^2/month**	**g/m^2/month**		**g/m^2/month**	**g/m^2/month**		**g/m^2/month**	**g/m^2/month**	
EPA Approved Level	**4.0**			**4.0**			**4.0**			**4.0**			**4.0**		
January	0.7	0.3	43	1.1	0.4	36	0.2	0.1	50	1.4	0.5	36	0.4	0.1	25
February	0.5	0.2	40	0.5	0.2	40	0.2	0.2	100	0.6	0.3	50	1.4	0.7	50
March	0.6	0.3	50	1.8	1.2	67	0.5	0.2	40	0.4	0.2	50	1.1	0.6	55
April	2.9	2.3	79	4.9	4.0	82	0.2	0.1	50	0.5	0.3	60	0.3	0.3	100
May	2.3	1.3	57	4.6	3.3	72	0.2	0.1	50	0.3	0.1	33	0.3	0.1	33
June	0.7	0.5	71	1.8	1.3	72	0.5	0.3	60	0.6	0.3	50	0.2	0.1	50
July	0.1	0.1	100	0.7	0.7	100	0.7	0.2	29	1.2	0.9	75	0.6	0.5	83
August	0.5	0.2	40	2.1	1.6	76	0.1	0.1	100	0.9	0.5	56	0.2	0.1	50
September	0.7	0.6	86	2.2	1.9	86	0.3	0.2	67	0.5	0.3	60	1.0	0.7	70
October	0.8	0.5	63	1.5	0.8	53	0.6	0.2	33	1.3	0.4	31	1.6	0.9	56
November	1.4	Not Provided	-	2.6	Not Provided	-	1.1	Not Provided	-	1.4	Not Provided	-	1.5	Not Provided	-
December	1.2	Not Provided	-	1.1	Not Provided	-	0.7	Not Provided	-	5.3	Not Provided	-	1.3	Not Provided	-
Annual Average	**1.0**	0.6	63	**2.1**	1.5	68	**0.4**	0.2	58	**1.2**	0.4	50	**0.8**	0.4	57
Annual Maximum	**2.9**	2.3	100	**4.9**	4.0	100	**1.1**	0.3	100	**5.3**	0.9	75	**1.6**	0.9	100
Annual Minimum	**0.1**	0.1	40	**0.5**	0.2	36	**0.1**	0.1	29	**0.3**	0.1	31	**0.2**	0.1	25

Note: Ash fraction results were not provided by the laboratory for the November and December 2025 sampling periods. This does not constitute a non-compliance nor an incident as, in accordance with Condition 17 of Schedule 3 of PA 10_0183 deposited dust is assessed as insoluble solids. Annual average ash fraction and % ash have been reported excluding data from November and December 2025.

Particulate Matter (PM_{10})

Sample Location: EPA 3 - Rodgers Street
Sample Frequency: 6 days

Date Sample Taken (24-hr)	Collected by	Date Results Received	PM_{10} µg/m^3	24-Hour Average Criteria (µg/m^3)	Year to Date Average Criteria (µg/m^3)
02/12/2025	CBased - LK	17/12/2025	21.1	50	25/30*
08/12/2025	CBased - LK	17/12/2025	50.9	50	
14/12/2025	CBased - CO	24/12/2025	15.0	50	
20/12/2025	CBased - LK	02/01/2026	19.8	50	
26/12/2025	CBased - JN	07/01/2026	14.2	50	
Monthly Average			17.5	50	

*Project Approval (PA 10_0183) outlines the annual average PM_{10} criteria to be 30µg/m^3. However, EPL 536 Condition R4.5a) requires that the air quality monitoring data is assessed against the Air Impact Assessment Criteria outlined in EPA's *Approved Methods for the Modelling and Assessment of Air Pollutants in NSW*. The most up to date version of this guideline was published in 2022 and outlines the annual average PM_{10} criteria to be 25µg/m^3. Metromix has considered both criteria for its review of particulate matter monitoring.

Comments

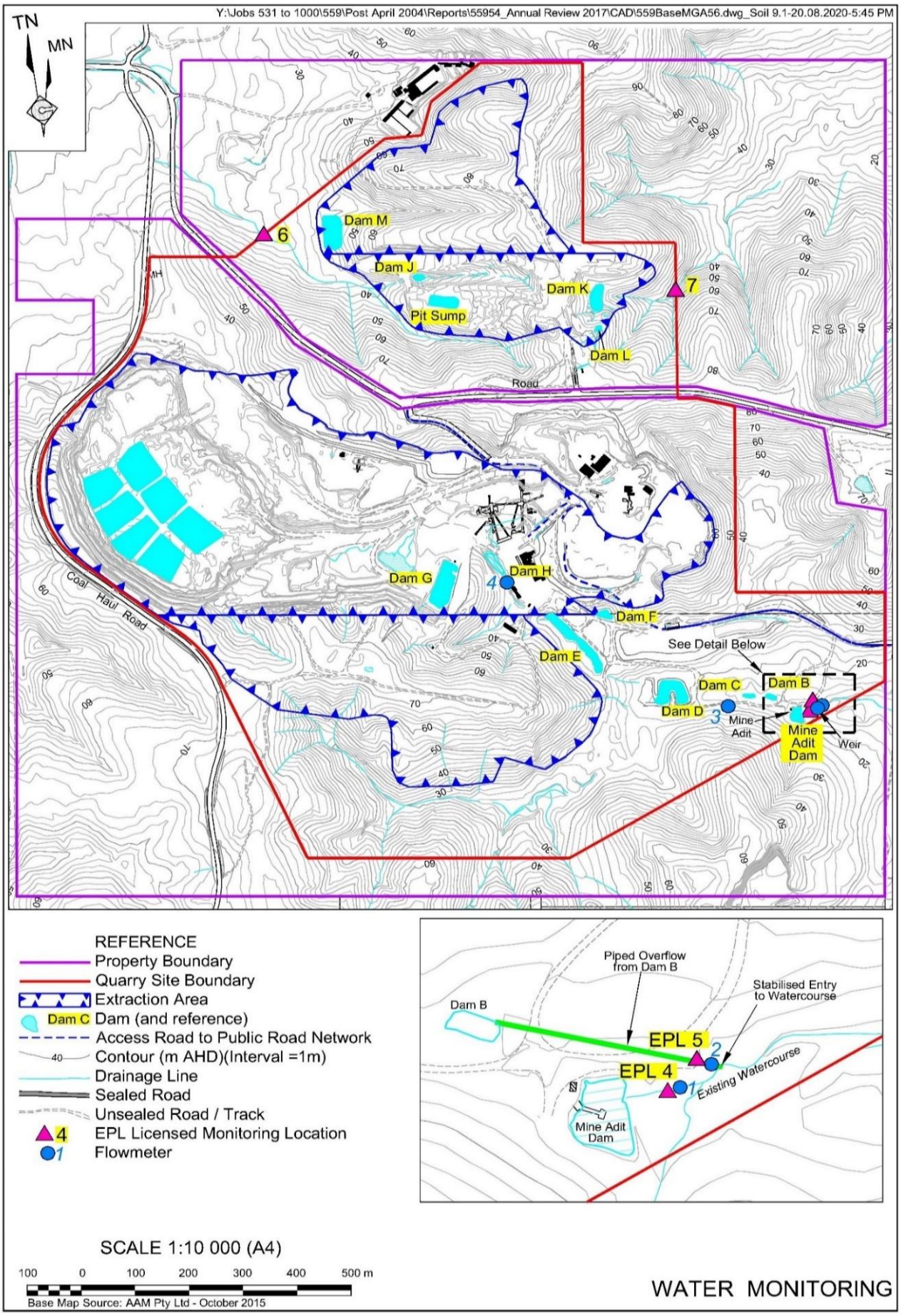
A high PM10 result (50.9µg/m3) was recorded for the sample taken on 8 December 2025. This result is considered an outlier correlated with bushfires in the Lake Macquarie area during early December. As Condition 17 of PA 10_0183 enables events such as bushfires to be excluded from the PM10 criteria, the result recorded on 8 December 2025 has been excluded from calculation of the monthly and annual averages, and it is considered compliant with the approved criteria.

Particulate Matter (PM_{10}) - Year to Date

Date	PM_{10} ($\mu g/m^3$)	Monthly Average ($\mu g/m^3$)	Year to Date Average ($\mu g/m^3$)	24-Hr Criteria ($\mu g/m^3$)	Comments
06/01/2025	44.6	23.6	44.6	50	
12/01/2025	14.3		29.5	50	
18/01/2025	18.7		25.9	50	
24/01/2025	21.3		24.7	50	
30/01/2025	19.2		23.6	50	
05/02/2025	32.6	29.4	25.1	50	
11/02/2025	14.7		23.6	50	
17/02/2025	55.2		27.6	50	See comment in February 2025 Monitoring Summary.
23/02/2025	14.9		26.2	50	
01/03/2025	36	17.0	27.2	50	
07/03/2025	16.4		26.2	50	
13/03/2025	10.6		24.9	50	
19/03/2025	14.3		24.1	50	
25/03/2025	7.8		22.9	50	
31/03/2025	10.1		22.0	50	
06/04/2025	19.7	13.6	21.9	50	
12/04/2025	11.2		21.3	50	
18/04/2025	16.2		21.0	50	
24/04/2025	12.9		20.6	50	
30/04/2025	8.1		19.9	50	
06/05/2025	8.2	9.4	19.4	50	
12/05/2025	4.4		18.7	50	
18/05/2025	11.1		18.4	50	
24/05/2025	7.9		17.9	50	
30/05/2025	15.3		17.8	50	
05/06/2025	10.0	12.7	17.5	50	
11/06/2025	5.8		17.1	50	
17/06/2025	15.0		17.0	50	
23/06/2025	15.0		16.9	50	
29/06/2025	17.8		17.0	50	
05/07/2025	15.6	12.0	16.9	50	
11/07/2025	11.3		16.8	50	
17/07/2025	16.8		16.8	50	
23/07/2025	3.9		16.4	50	
29/07/2025	12.2		16.3	50	
04/08/2025	12.7	9.4	16.2	50	
10/08/2025	3.8		15.8	50	
16/08/2025	17.5		15.9	50	
22/08/2025	3.5		15.6	50	
28/08/2025	9.3		15.4	50	
03/09/2025	14.6	16.7	15.4	50	
09/09/2025	19.4		15.5	50	
15/09/2025	15.8		15.5	50	
21/09/2025	10.6		15.4	50	
27/09/2025	23.1		15.5	50	
03/10/2025	14.5	22.4	15.5	50	
09/10/2025	21.1		15.6	50	
15/10/2025	23.0		15.8	50	
21/10/2025	29.4		16.1	50	
27/10/2025	23.9		16.2	50	
02/11/2025	17.8	31.9	16.3	50	
08/11/2025	42.8		16.8	50	
14/11/2025	39.4		17.2	50	
20/11/2025	38.4		17.6	50	
26/11/2025	21.3		17.7	50	
02/12/2025	21.1	17.5	17.7	50	
08/12/2025	50.9		18.3	50	See comment on previous page.
14/12/2025	15.0		18.2	50	
20/12/2025	19.8		18.3	50	
26/12/2025	14.2		18.2	50	

Minimum	3.5

Maximum	55.2
Average	17.6
Standard Deviation	11.3
24-hr Criteria	50
Number of Exceedences	2
Annual Average Criteria	25/30*
Annual Average Criteria Exceeded	No
*See explanation on previous page.	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TN
MN
Dam M
Dam J
Dam K
Pit Sump
Dam L
Road
Coal Haul Road
Dam G
Dam H
Dam F
Dam E
See Detail Below
Dam C
Dam B
Dam D
Mine Adit
Mine Adit Dam
Weir
REFERENCE
Property Boundary
Quarry Site Boundary
Extraction Area
Dam C Dam (and reference)
Access Road to Public Road Network
Contour (m AHD)(Interval =1m)
Drainage Line
Sealed Road
Unsealed Road / Track
EPL Licensed Monitoring Location
Flowmeter
Piped Overflow from Dam B
Stabilised Entry to Watercourse
EPL 5
EPL 4
Existing Watercourse
SCALE 1:10 000 (A4)
100 0 100 200 300 400 500 m
Base Map Source: AAM Pty Ltd - October 2015
WATER MONITORING

Water

Water Monitoring

EPL Point 4 - Monthly Monitoring

Date	Time	Sampled By	Date Results Received		pH	EC	TSS	Oil & Grease	Comments
				Units	pH Units	µS/cm	mg/L	mg/L	
				EPL Criterion*	6.5-8.5	NA	<50	10	
				ANZECC Water Quality Limits	6.5-8.5	125-2200	<50	-	
01/12/2025	7:00 AM	Metromix - AL	8/12/2025		7.29	1870	<5	<5	

EPL Point 5 - Monitoring within 12 hrs of Discharge commencing

Date	Time	Sampled By	Date Results Received		pH	EC	TSS	Oil & Grease	Comments
				Units	pH Units	µS/cm	mg/L	mg/L	
				EPL Criterion*	6.5-8.5	NA	<50	10	
				ANZECC Water Quality Limits	6.5-8.5	125-2200	<50	-	
Discharge began in May and has continued since; sampling was conducted within 12 hours of commencement in line with EPL 536 condition M2.4. See results in Water - Year to Date.									

EPL Point 6 - Monthly Monitoring

Date	Time	Sampled By	Date Results Received		pH	EC	TSS	Oil & Grease	Comments
				Units	pH Units	µS/cm	mg/L	mg/L	
				EPL Criterion*	6.5-8.5	NA	<50	10	
				ANZECC Water Quality Limits	6.5-8.5	125-2200	<50	-	
No discharge occurred at this location and therefore no monitoring was required.									

EPL Point 7 - Monthly Monitoring

Date	Time	Sampled By	Date Results Received		pH	EC	TSS	Oil & Grease	Comments
				Units	pH Units	µS/cm	mg/L	mg/L	
				EPL Criterion*	6.5-8.5	NA	<50	10	
				ANZECC Water Quality Limits	6.5-8.5	125-2200	<50	-	
No discharge occurred at this location and therefore no monitoring was required.									

Flow Meter Records

EPA Identified Point	Location	Description	Sample Period	Daily Average Flow ML	Monthly Total Flow ML
4	Adit Dam	Adit Dam to Creek (off site)	01/12/25-02/01/26	0.81	25.0
5	Dam B	Discharge from Dam B (from Quarry)	01/12/25-02/01/26	0.000097	0.003
4	Adit Dam	Water pumped from Adit Dam to Dam G (processing use)	01/12/25-02/01/26	3.25	100.9

Comments

All water monitoring results remained within the approved criteria levels during the monitoring period.

Water - Year to Date

EPL Point 4 : Monthly Monitoring

	pH	EC	TSS	Oil & Grease	Comments
Units	pH Units	µS/cm	mg/L	mg/L	-
EPL Criterion*	6.5-8.5	NA	<50	10	-
ANZECC Water Quality Limits	6.5-8.5	125-2200	<50	-	-
January	7.2	2080	5	<5	-
February	7.3	1830	<5	<5	-
March	7.1	2020	<5	<5	-
April	7.2	1920	<5	<5	-
May	7.1	1700	11	<5	-
June	7.0	1470	11	<5	-
July	7.2	1840	26	<5	-
August	7.3	1770	11	<5	-
September	7.1	1840	6	<5	-
October	7.1	1860	12	<5	-
November	7.2	1790	<5	<5	-
December	7.3	1870	<5	<5	-

EPL Point 5 : Monitoring During Discharge

	pH	EC	TSS	Oil & Grease	Comments
Units	pH Units	µS/cm	mg/L	mg/L	-
EPL Criterion*	6.5-8.5	NA	<50	10	-
ANZECC Water Quality Limits	6.5-8.5	125-2200	<50	-	-
01 January	7.3	1090	<5	<5	-
3 February	7.0	1230	6	<5	-
17 February	7.3	1270	<5	<5	-
28 April	6.9	753	13	<5	-
1 May	6.9	905	8	<5	-

Flow Meter Records

EPA Identifier	Location	Description	Date	Monthly
4	Adit Dam	Water pumped from Adit Dam to Dam G (processing use)	01/01/2025 - 01/02/2025	73.6
			01/02/2025 - 01/03/2025	75.4
			01/03/2025 - 01/04/2025	86.8
			01/04/2025 - 01/05/2025	56.3
			01/05/2025 - 02/06/2025	97.3
			02/06/2025 - 01/07/2025	108.8
			01/07/2025 - 01/08/2025	118.5
			01/08/2025 - 01/09/2025	113.1
			01/09/2025 - 01/10/2025	123.8
			01/10/2025 - 01/11/2025	91.0
			01/11/2025 - 01/12/2025	15.1
			01/12/2025 - 02/01/2026	100.9

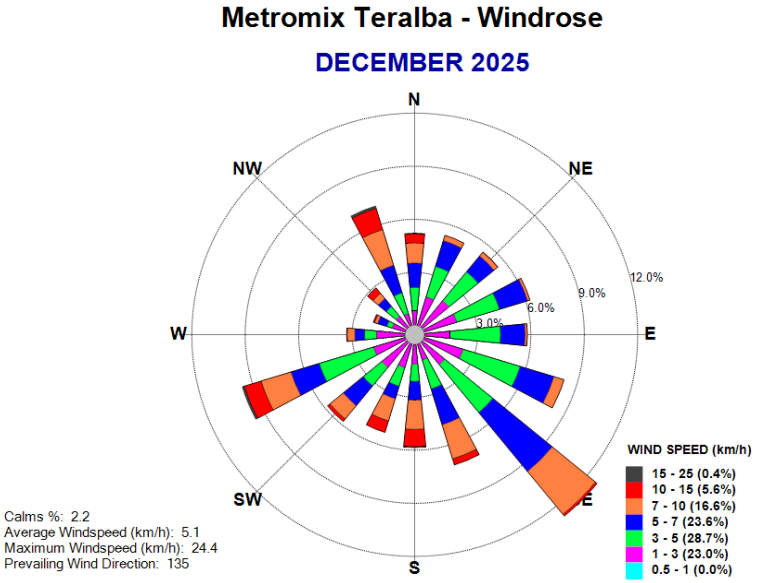
EPA Identifier	Location	Description	Date	Monthly
5	Dam B	Discharge from Dam B (from Quarry)	01/01/2025 - 01/02/2025	0.0
			01/02/2025 - 01/03/2025	0.0
			01/03/2025 - 01/04/2025	0.0
			01/04/2025 - 01/05/2025	2.5
			01/05/2025 - 02/06/2025	58.4
			02/06/2025 - 01/07/2025	6.4
			01/07/2025 - 01/08/2025	0.0
			01/08/2025 - 01/09/2025	19.0
			01/09/2025 - 01/10/2025	1.6
			01/10/2025 - 01/11/2025	0.002
			01/11/2025 - 01/12/2025	0.003
			01/12/2025 - 02/01/2026	0.003

EPA Identifier	Location	Description	Date	Monthly
4	Adit Dam	Adit Dam to Creek (off site)	01/01/2025 - 01/02/2025	45.7
			01/02/2025 - 01/03/2025	32.7
			01/03/2025 - 01/04/2025	18.0
			01/04/2025 - 01/05/2025	65.9
			01/05/2025 - 02/06/2025	207.5
			02/06/2025 - 01/07/2025	73.1
			01/07/2025 - 01/08/2025	39.4
			01/08/2025 - 01/09/2025	102.1
			01/09/2025 - 01/10/2025	87.4
			01/10/2025 - 01/11/2025	56.9
			01/11/2025 - 01/12/2025	123.3
			01/12/2025 - 02/01/2026	25.0

Meteorological Conditions

Monitoring Location: Mid-Pit Entrance
Monitoring Frequency: Continuous

Windrose



Monthly Summary

Date	Mean Wind Direction (°)	Mean Wind Speed (km/h)	Daily Rainfall (mm)	Mean Sigma Theta	Max Temperature (°C) at 2m	Min Temperature (°C) at 2m
01/12/25	265	7.4	0.0	31.8	26.5	15.0
02/12/25	211	6.6	2.4	39.5	22.7	10.2
03/12/25	162	3.9	0.0	34.6	28.4	13.3
04/12/25	121	4.9	0.0	31.6	35.2	13.6
05/12/25	165	6.2	0.0	34.0	38.7	20.4
06/12/25	200	8.4	1.0	36.3	40.9	22.0
07/12/25	190	6.2	0.2	42.6	30.1	17.5
08/12/25	92	3.8	0.4	33.8	28.9	17.1
09/12/25	184	4.5	0.0	36.1	34.8	18.3
10/12/25	178	6.5	1.0	41.6	27.3	20.0
11/12/25	190	7.3	9.6	38.2	21.5	17.7
12/12/25	162	2.8	22.4	35.4	24.5	17.0
13/12/25	175	3.4	2.4	34.6	28.6	15.2
14/12/25	243	5.5	2.0	39.1	34.8	18.8
15/12/25	141	5.7	0.4	44.2	26.1	17.5
16/12/25	99	3.5	5.0	34.8	20.5	16.8
17/12/25	67	3.4	0.0	36.3	27.5	18.1
18/12/25	85	3.7	0.0	32.0	36.5	16.4
19/12/25	187	6.1	0.2	36.3	43.5	22.9
20/12/25	125	3.3	0.6	33.9	30.8	21.2
21/12/25	261	7.3	0.0	37.7	42.3	22.1
22/12/25	210	5.3	19.6	38.8	30.7	18.8
23/12/25	191	4.9	0.0	43.3	31.3	19.4
24/12/25	139	3.6	0.0	35.2	31.2	19.3
25/12/25	160	7.0	0.0	43.9	24.7	16.6
26/12/25	177	5.8	0.2	44.5	18.2	12.7
27/12/25	193	4.7	0.0	42.5	22.5	11.7
28/12/25	185	6.8	0.0	37.8	23.0	14.6
29/12/25	183	4.6	0.0	39.7	23.5	14.1
30/12/25	169	3.9	0.0	32.5	25.7	13.7
31/12/25	156	3.1	0.0	37.0	23.1	14.9

Meteorological Conditions - Year to Date

Monitored Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Total Rainfall (mm)	236.2	54.6	171.6	257.6	522.2	31.0	106.8	304.0	56.2	104.4	24.8	67.4	1936.8
Average Minimum Temperature (°C) at 2m	14.8	14.6	15.6	12.6	9.6	5.4	4.9	5.4	8.3	10.3	10.4	10.2	10.2
Average Maximum Temperature (°C) at 2m	42.1	36.7	36.6	30.5	25.8	21.7	22.0	24.1	29.2	39.2	37.0	43.5	32.4
Average Minimum Temperature (°C) at 10m	14.8	13.4	15.9	13.0	10.0	6.2	6.1	6.2	9.1	11.4	11.5	11.0	10.7
Average Maximum Temperature (°C) at 10m	41.0	37.4	36.0	29.5	24.7	21.1	21.4	23.2	28.2	38.3	36.4	42.3	31.6
Average Sigma Theta	35.4	33.9	33.5	30.9	33.6	31.9	32.5	35.0	34.8	36.9	36.5	37.4	34.4
Average Solar Radiation (W/m^2)	179.0	187.1	123.8	119.2	69.7	81.8	82.0	96.2	159.5	179.4	208.4	201.8	140.7
Average Relative Humidity (%)	74.0	73.0	76.0	71.0	78.0	66.0	64.0	72.0	55.0	56.0	57.0	59.0	66.8

Blasting

Monitoring Frequency Each Blast

Blast Monitoring Completed By MAXAM

Shot #	Day	Month	Time	Location	Elevation (m)	Location 1		Location 2		Location 3		Comments
						Overpressure dB(L)	Vibration mm/s	Overpressure dB(L)	Vibration mm/s	Overpressure dB(L)	Vibration mm/s	
1	20	January	13:56:46	Stage 2B-1	RL48	110.4	0.22	101.7	0.06	NM	NM	
2	24	January	12:11:50	Stage 1C	RL34	105.1	0.51	99.1	0.05	NM	NM	
3AB	4	February	15:07:26	Stage 2B-1	RL48	113.6	0.14	105.7	0.06	NM	NM	
3C	5	February	10:50:25	Stage 2B-3	RL57	106.3	0.1	99.4	0.08	NM	NM	
4	13	February	12:24:26	Stage 1C	RL34	105.4	0.41	99.4	0.08	NM	NM	
5	20	February	13:06:57	Stage 2B-1	RL40	110.7	0.1	105.8	0.08	NM	NM	
6	5	March	12:47:41	Stage 1C	RL34	104.7	0.4	104	0.14	NM	NM	
7	14	March	13:28:18	Stage 2B-3	RL48	104.7	0.25	102.2	0.09	NM	NM	
8	25	March	13:30:35	Stage 1C	RL34	105.4	0.42	103.6	0.06	NM	NM	
9	2	April	13:25:48	Stage 2B-1	RL40	106.3	0.09	101.6	0.05	NM	NM	
10	14	April	10:47:19	Stage 1C	RL34	100.8	0.25	98.4	0.05	NM	NM	
11	23	April	11:39:10	Stage 2B-3	RL40	107.1	0.23	NT	NT	NM	NM	
12	6	May	12:23:17	Stage 1C	RL34	105.1	0.44	99.4	0.06	NM	NM	
13	2	Jun	13:04:52	Stage 2B-1	RL48	103.6	0.25	102.7	0.05	NM	NM	
14	4	Jun	11:14:09	Stage 1C	RL34	102.2	0.25	102.2	0.05	NM	NM	
15	18	Jun	13:00:48	Stage 1C	RL34	108.9	0.62	99.7	0.23	NM	NM	
16	4	Jul	14:21:00	Stage 2B-3	RL40	111.6	0.23	103.6	0.06	NM	NM	
17	10	Jul	13:42:59	Stage 1C	RL34	114.4	0.47	107.5	0.06	NM	NM	
18	28	Jul	14:55:09	Stage 1C	RL34	114.7	0.62	109.2	0.06	NM	NM	
19	4	Aug	13:59:31	Stage 2B-3	RL40	106.9	0.27	102.2	0.08	NM	NM	
20	28	Aug	12:48:48	Stage 1C	RL34	109.7	0.56	104.7	0.11	NM	NM	
21	4	Sep	11:41:34	Stage 3	RL40	106	0.29	104.3	0.11	NM	NM	
22	22	Sep	10:52:54	Stage 1C	RL34	108.8	0.5	106.3	0.06	NM	NM	
23	15	Oct	11:53:53	Stage 1C	RL34	104.9	0.75	102.7	0.06	NM	NM	
24	24	Oct	14:08:55	Stage 2B1	RL40	110.1	0.25	104.1	0.07	NM	NM	
25	7	Nov	14:19:00	Stage 2B-1	RL34	111.5	0.88	107.7	0.25	NM	NM	
26	18	Nov	13:10:00	Stage 1C	RL34	112.3	0.38	107.2	0.06	NM	NM	
27	1	Dec	14:21:00	Stage 2B-1	RL34	113.5	0.28	107.2	0.36	NM	NM	
26	15	Dec	12:15:00	Stage 1C	RL34	110.5	0.47	104.7	0.11	NM	NM	

NT Not Triggered
NM Not Monitored

Blasting Criteria

Parameter	Units of Measure	Limit	
		95% of blasts per year	100% of blasts
Airblast Overpressure (Linear Peak)	decibels (dBL)	115	120
Ground Vibration (Peak Particle Velocity)	millimeters per second	5	10

Comments

Two blasting events occurred during the monitoring period. All blast monitoring results were within the approved criteria.

Waste Management

Waste Removal Summary

Month	January	February	March	April	May	June	July	August	September	October	November	December
Item	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity
General Waste Bin (10m^3)	-	-	-	-	-	-	-	-	-	-	-	-
General Waste Bin (4.5m^3)	-	-	-	-	-	-	-	-	-	-	-	-
General Waste Bin (6m^3)	-	-	-	-	-	-	-	-	-	-	-	-
General Waste Bin (20m^3)	1	-	1	1	1	-	-	2	1	1	1	-
Paper & Cardboard Bin (3m^3)	-	1	1	1	2	1	-	1	1	1	1	-
Shredded Paper Bin (240L)	1	2	-	-	-	-	-	-	4	4	-	-
Co Mingled Recycling (2 x 240 L)	4	4	4	4	4	4	4	4	4	4	4	4
Tonner Cartridges	-	27	-	-	-	-	-	-	-	-	23	-
Waste Oil (L)	-	-	-	-	-	-	-	-	-	-	-	-
Scrap Steel (t)	10.78	-	-	-	-	-	-	-	-	-	-	-
Timber (m^3)	-	-	-	-	-	-	-	-	-	-	-	-
Engine Coolant (L)	-	-	-	-	-	-	-	-	-	-	-	-
Oil Filters (240L bin)	-	-	-	4	-	-	3	-	-	1	-	-
Batteries	-	-	-	-	-	-	-	-	-	-	-	-
Batteries - Office	-	-	-	-	-	-	-	-	-	-	-	-
Oily Rags (240L bin)	-	-	-	-	-	-	-	-	-	-	-	-
Aerosols (120L bin)	-	-	-	-	-	-	-	-	-	-	-	-
Tyres	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-
Oily Water (L)	-	5.96	-	-	-	-	-	6.94	-	-	-	-
Grease Waste (L)	-	-	-	-	-	-	-	-	-	-	-	-