

WERRIS CREEK COAL COMMUNITY CONSULTATIVE COMMITTEE

65th Meeting of the Committee held at the Werris Creek Mine on Wednesday, 19 February 2025 at 9:30AM

Meeting opened at 9:35AM

Record of Attendance

Michael Smith OAM	Independent Chairperson
Jane Bradford OAM	Independent Minute Taker
Olivia Hulbert	Whitehaven Coal – Environmental Advisor
Judd McDonald	Surveyor & Planner
James O'Brien	Community Representative

APOLOGIES

Daryl Robinson	Whitehaven Coal – Environment & Mine Rehabilitation Manager
Darren Swain	Whitehaven Coal – General Manager Community Engagement
Mike Lomax	Community Representative

Late Apologies

Noel Taylor	Community Representative
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Non-Attendance

Nathan Skelly	Director of Infrastructure & Environmental Services – Liverpool Plains Shire Council
Lindsay Bridge	Community Representative

2 Acknowledgement of Country

The Chair acknowledged the Traditional Owners of the land on which this meeting is being held and recognised their continuing connection to the land, water and culture, paying respects to their Elders past, present and emerging.

3 Declaration of Pecuniary or Other Interests

The Chair advised that his meeting expenses are borne by the proponent.
Other members – Nil

4 Minutes of the 64th meeting held on the 10 July 2024 were approved and finalised when the Independent Chairperson, Mike Silver signed the Minutes on 8 August 2024.

5 Matters Arising – Nil

6 Quarterly Environmental Monitoring Report – June to December 2024

Olivia Hulbert went through the Report with the following comments:

1.1 Weather Station

1.2 High rainfall for first six months – lower rainfall for second half of 2024

Note Annual Ground Water Report Quipolly to be attached to these Minutes

5.1.1 Monitoring Data Results – Not monitoring night work now.

2..

7.0 General Business

7.1 Closure of Mine Timeline brought forward to February / March 2026 – still tree planting – all soil work should be completed – currently working ten-hour days for summer period

7.2 Staffing - currently have twenty-five staff on site

7.3 Other Assets – being moved and / or currently being discussed

Workshop will stay – demountables are under discussion

Railway line stays plus railway loop

Two big tanks re fires to stay

Rehabilitation work – trees are growing extremely well

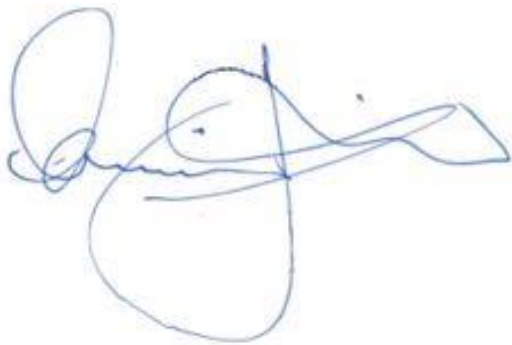
7.4 Assets and Ancillary Infrastructure Report to be prepared for August 2025 meeting.

7.5 Reminder that the emergency or hot line number is **1800 942 836** - the message is converted to text and sent out to the relevant people.

8 Next Meeting Date and Time – Wednesday, 13 August 2025 at **9:00AM** at the Werris Creek Coal Mine Board Room. A site inspection will be undertaken initially followed by the Community Consultative Committee Meeting – further details will be forwarded closer to the time.

9 Meeting closed at 10:05AM

Meeting Minutes Approved:

A handwritten signature in blue ink, appearing to read 'Michael J Silver', with a large, stylized flourish at the end.

Michael J Silver OAM
Independent Chairperson

Date: 13 March 2024



WERRIS CREEK COAL PTY LTD

QUARTERLY ENVIRONMENTAL MONITORING REPORT

January – June 2025

This Environmental Monitoring Report covers the period 1st January to 30th June 2025 for the Werris Creek Coal Mine Community Consultative Committee.

The report includes environmental monitoring results from the on-site Weather Station, Air Quality, Noise, Surface Water, Groundwater and Discharge Water Quality together with any community complaints received and general details on site environmental matters.

Note: Elevated monitoring results above the relevant monitoring criteria are highlighted in **yellow**.

CONTENTS

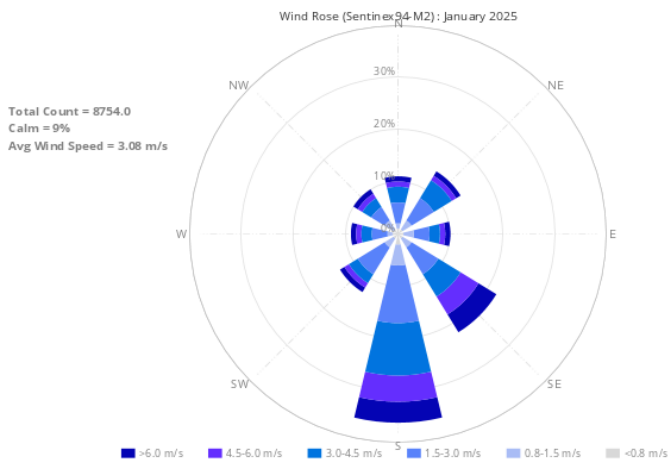
1.0	METEOROLOGY	3
1.1	WEATHER STATION	3
2.0	AIR QUALITY.....	5
2.1	HVAS (PM ₁₀) and TEOM (PM ₁₀ & PM _{2.5}).....	5
2.1.1	Monitoring Data Results.....	5
	Yellow Bold – Elevated dust level.	5
2.1.2	Discussion - Compliance / Non-Compliance	5
2.2	WERRIS CREEK MINE DEPOSITED DUST	6
2.2.1	Monitoring Data Results.....	6
2.2.2	Discussion - Compliance / Non-Compliance	6
2.3	AIR QUALITY COMPLAINTS	6
3.0	NOISE	6
3.1	OPERATIONAL NOISE	6
3.1.1	Monitoring Data Results.....	7
3.1.2	Discussion - Compliance / Non-Compliance	10
3.2	Noise complaints	10
4.0	BLASTING	10
4.1	BLAST MONITORING.....	Error! Bookmark not defined.
4.1.1	Monitoring Data Results.....	Error! Bookmark not defined.
4.1.2	Discussion - Compliance / Non-Compliance	Error! Bookmark not defined.
4.2	BLAST COMPLAINTS.....	Error! Bookmark not defined.
5.0	WATER	10
5.1	GROUND WATER.....	10
5.1.1	Monitoring Data Results.....	11
5.2	SURFACE WATER.....	12
5.2.1	Monitoring Data Results.....	12
5.2.2	Discussion - Compliance / Non-Compliance	12
5.3	SURFACE WATER DISCHARGES.....	13
5.3.1	Monitoring Data Results.....	13
5.3.2	Discussion - Compliance / Non-Compliance	13
5.4	WATER COMPLAINTS	13
6.0	COMPLAINTS SUMMARY.....	13
7.0	GENERAL	13

1.0 METEOROLOGY

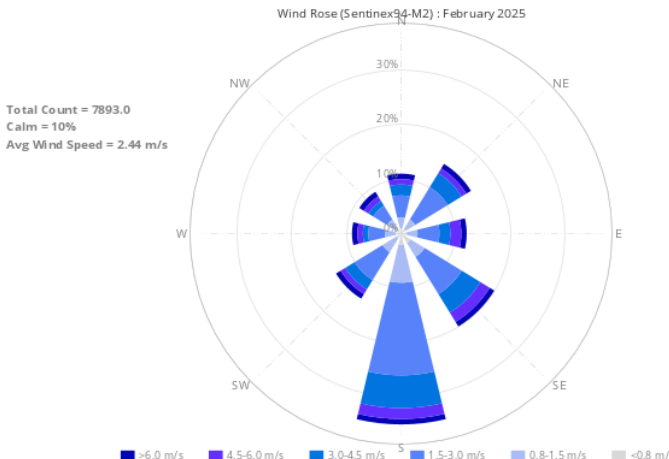
1.1 WEATHER STATION

Werris Creek Coal (WCC) collects meteorological data from the onsite weather station located on the top level of the overburden emplacement. The following table summarises rainfall data for the last six months. The monthly rainfall during the reporting period was above the historical average for January and March–May 2025 but below in February and June 2025. Directional wind data, presented in the wind-rose figures below, indicate the prevailing wind direction during the reporting period was predominantly from the south during January–May 2025 and primarily from the north-west in June 2025.

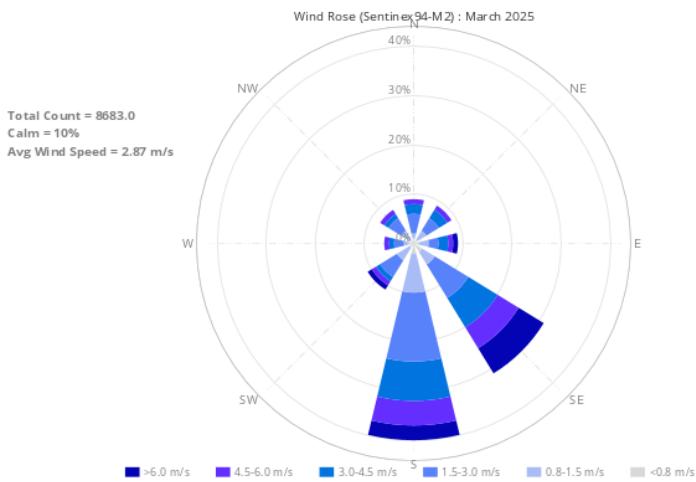
Month	Rainfall (mm)		
	Onsite	Historical Average	2025 Total
January 2025	78.8	67.8	78.8
February 2025	55	66.0	133.8
March 2025	176	70.5	309.8
April 2025	64.6	35.4	374.4
May 2025	74	36.2	448.4
June 2025	20	63.0	468.4



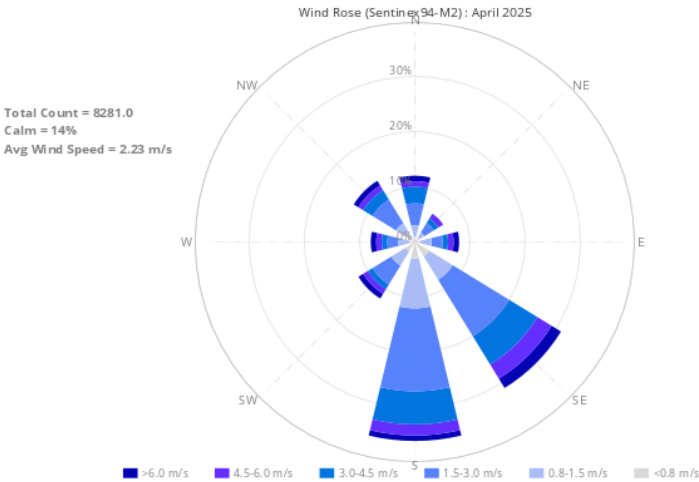
JANUARY 2025



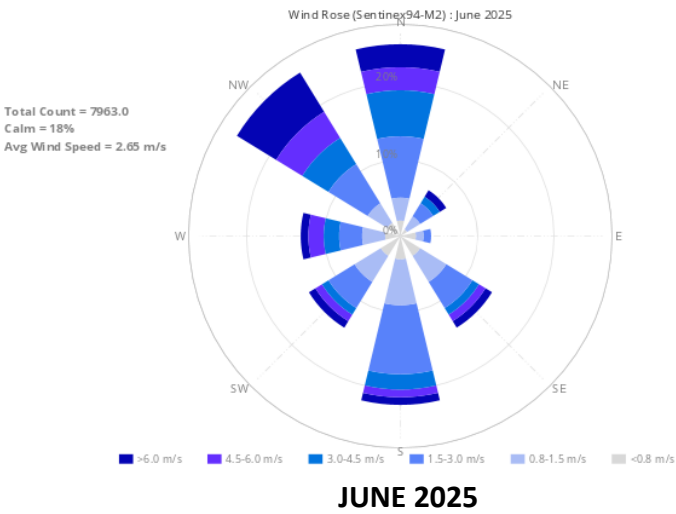
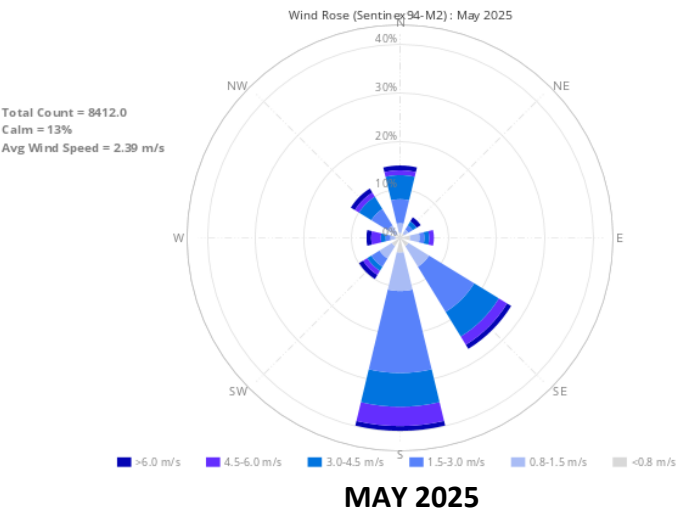
FEBRUARY 2025



MARCH 2025



APRIL 2025



2.0 AIR QUALITY

2.1 HVAS (PM₁₀) and TEOM (PM₁₀ & PM_{2.5})

WCC operates five High Volume Air Samplers (HVAS), four sites measuring particulate matter less than 10 microns (PM₁₀) and one site measuring total suspended particulate (TSP) matter. HVAS sampling is scheduled every 6 days for a 24-hour run period in accordance with Environment Protection Authority (EPA) guidelines. Results are reported in micro grams per cubic metre (µg/m³) of air sampled. In addition, WCC operates a Tapered Element Oscillating Microbalance (TEOM) monitor in Werris Creek measuring real time PM₁₀ and PM_{2.5} (particulate matter less than 2.5 microns) dust levels. Dust monitoring locations are identified in **Figure 1**. The average results for the last six months are provided in the table below.

2.1.1 Monitoring Data Results

The average results for the last six months are provided in the table below.

Yellow Bold – Elevated dust level.

MONITORING LOCATION	24Hr Maximum (µg/m ³)	JAN 2025 (µg/m ³)	FEB 2025 (µg/m ³)	MAR 2025 (µg/m ³)	APR 2025 (µg/m ³)	MAY 2025 (µg/m ³)	JUN 2025 (µg/m ³)	2025 ANNUAL AVG (µg/m ³)	CRITERIA (µg/m ³)	
									Annual	24hr
PM _{2.5} – TEOM92 “Werris Creek”	13.5	9.7	6.4	3.4	4.8	6.7	5.9	6.1	-	-
PM ₁₀ – TEOM92 “Werris Creek”	60.6	14.5	12.9	7.5	9.9	10.3	8.6	10.6	30	50
PM ₁₀ – HVP20 “Tonsley Park”	19.4	10.8	12.3	7.0	4.7	6.0	6.5	7.5	30	50
PM ₁₀ – HVP1 “Escott”	39.5	10.1	10.9	6.7	4.8	4.9	8.1	7.6	30	50
PM ₁₀ – HVP11 “Glenara”	35.3	15.6	18.2	12.0	12.4	13.3	11.4	13.5	30	50
PM ₁₀ – HVP98 “Kyooma”	16.4	7.8	9.7	5.1	4.1	2.5	3.0	5.1	30	50
TSP – HVT98 “Kyooma”	30.2	14.2	16.4	15.4	11.2	7.3	4.7	11.4	90	-

2.1.2 Discussion - Compliance / Non-Compliance

All TSP, PM₁₀ and PM_{2.5} dust results were within criteria during the period except for an elevated PM₁₀ 24hr average result of 60.6 µg/m³ that occurred on 27 May 2025 which was due to a dust storm in the area.

2.2 WERRIS CREEK MINE DEPOSITED DUST

Deposited dust monitoring measures particulate matter greater than 30 microns in size that readily settles out of the air related to visual impact. Dust deposition is monitored at 18 locations around WCC. Sampling is scheduled monthly in accordance with EPA guidelines and results are reported as grams per square metre per month ($\text{g/m}^2\text{.month}$). Dust monitoring locations are identified in **Figure 1**.

2.2.1 Monitoring Data Results

The results for the last six months are provided in the table below.

MONITORING LOCATION	JAN 2025	FEB 2025	MAR 2025	APR 2025	MAY 2025	JUN 2025	2025 ANNUAL AVG ($\text{g/m}^2\text{.month}$)	Annual Criteria ($\text{g/m}^2\text{.month}$)
	(g/m ² /month)							
DG1 "Escott"	0.2	0.9	0.2	0.6	0.0	0.2	0.4	4.0
DG2 "Cintra"	2.6	6.0	0.8	0.4	0.7	0.4	1.8	4.0
DG3 "Eurunderee"	0.6	0.5	0.4	0.4	0.6	0.4	0.5	4.0
DG5 "Railway View"	0.6	1.4	0.3	0.4	1.4	0.6	0.8	4.0
DG9 "Marengo"	0.6	0.7	0.4	0.4	0.0	0.4	0.4	4.0
DG11 "Glenara"	0.8	0.5	0.4	0.6	0.3	0.3	0.5	4.0
DG14 "Greenslopes"	2.8	3.3	0.3	6.7*	0.7	0.3	1.5	4.0
DG15 "Plain View"	0.3	0.7	0.2	0.4	0.2	0.3	0.4	4.0
DG17 "Woodlands"	1.2	8.5*	1.0	1.5	0.4	2.1	1.2	4.0
DG20 "Tonsley Park"	0.4	1.6	0.5	0.4	0.2	0.2	0.6	4.0
DG22 "Mountain View"	0.7	0.9	0.2	0.8	3.9	0.5	1.2	4.0
DG24 "Hazeldene"	0.6	1.0	0.4	0.7	2.1	3.0	1.3	4.0
DG34 8 Kurrara St	0.6	1.3	0.2	0.4	0.5	0.2	0.5	4.0
DG62 Werris Creek South	0.4	0.7	0.2	0.4	0.1	0.1	0.3	4.0
DG92 Werris Creek Centre	0.8	1.3	0.8	0.7	0.3	0.2	0.7	4.0
DG98 "Kyooma"	0.5	0.7	0.2	0.4	0.2	0.3	0.4	4.0
DG101 "Westfall"	1.1	2.6	0.9	1.5	0.6	0.4	1.2	4.0
DG103 West Street	2.9	3.6	1.0	1.4	1.5	1.5	2.0	4.0

* - sample contaminated with excessive organic matter (>50%) from non-mining source (i.e., bird droppings and insects); # - indicates sample is contaminated from a Non-Werris Creek Coal dust source; **Yellow Bold** – Elevated dust level; NS - No Sample (bottle and funnel shattered)

2.2.2 Discussion - Compliance / Non-Compliance

All monthly dust deposition gauge results were below the annual criteria of $4.0 \text{ g/m}^2\text{.month}$ throughout the period with the exception of:

- DG2 (Cintra) exhibited high dust levels in February 2025. DG2 is located within the Mining Lease Boundary.

2.3 AIR QUALITY COMPLAINTS

There were no dust complaints recorded during the period.

3.0 NOISE

3.1 OPERATIONAL NOISE

Monthly attended noise monitoring is undertaken representative of the following 16 properties from 13 monitoring points below. Attended noise monitoring was undertaken twice for either 60 minutes at privately owned properties or 15 minutes at properties with private agreements; representative of the day period and the evening/night period.

3.1.1 Monitoring Data Results

The noise results for the last six months are outlined in the tables below. Noise monitoring locations are identified in Figure 2.

9th Thursday, January 2025

Location		Day dB(A) L_{eq} 15min	Criteria dB(A) L_{eq} 15min	Evening/Night dB(A) L_{eq} 15min	Criteria dB(A) L_{eq} 15min
A	"Rosehill" R5	Inaudible#	35	Inaudible	35
B	West Quipolly (R7*, R8*, R9* & R22*)	Inaudible#	40	Inaudible	40
C	Central Quipolly(R10*, R11*)	Inaudible#	40	Inaudible	40
D	"Hazeldene" R24	Inaudible#	37	Inaudible#	37
E	"Railway Cottage" R12	Inaudible#	38	Inaudible#	38
F	"Talavera" R96	Inaudible#	38	Inaudible#	37
H	"Kyooma" R98	Inaudible#	35	Inaudible#	35
I	Kurrara St, WC R57	Inaudible	35	Inaudible#	35
J	Coronation Ave, WC	Inaudible#	35	Inaudible#	35
K	Alco Park (R21*)	Inaudible#	40	Inaudible#	40
L	West St, WC (R103)	Inaudible#	35	Inaudible	35

WC – Werris Creek; * - Private agreement in place with resident; **Yellow Bold** – Elevated noise; # Adverse weather with wind >3m/s, temperature inversions >+12°C/100m or >2m/s and >0°C/100m; 1 – R22 criteria is 36 dB(A) L_{eq} 15min while R9 is 37 dB(A) L_{eq} 15min

NM- Denotes Not Measurable. If site only noise is noted as NM, this means some noise from the source of interest was audible at low-levels, but could not be quantified

24th and 25th Monday-Tuesday, February 2025

Location		Day dB(A) L_{eq} 15min	Criteria dB(A) L_{eq} 15min	Evening/Night dB(A) L_{eq} 15min	Criteria dB(A) L_{eq} 15min
A	"Rosehill" R5	Inaudible	35	Inaudible#	35
B	West Quipolly (R7*, R8*, R9* & R22*)	Inaudible	40	Inaudible	40
C	Central Quipolly(R10*, R11*)	Inaudible	40	Inaudible	40
D	"Hazeldene" R24	Inaudible	37	Inaudible#	37
E	"Railway Cottage" R12	Inaudible	38	Inaudible	38
F	"Talavera" R96	Inaudible	38	Inaudible	37
H	"Kyooma" R98	Inaudible	35	Inaudible	35
I	Kurrara St, WC R57	Inaudible	35	Inaudible#	35
J	Coronation Ave, WC	Inaudible#	35	Inaudible#	35
K	Alco Park (R21*)	Inaudible	40	Inaudible	40
L	West St, WC (R103)	Inaudible	35	Inaudible	35

WC – Werris Creek; * - Private agreement in place with resident; **Yellow Bold** – Elevated noise; # Adverse weather with wind >3m/s, temperature inversions >+12°C/100m or >2m/s and >0°C/100m; 1 – R22 criteria is 36 dB(A) L_{eq} 15min while R9 is 37 dB(A) L_{eq} 15min

NM- Denotes Not Measurable. If site only noise is noted as NM, this means some noise from the source of interest was audible at low-levels, but could not be quantified

19th and 20th Wednesday-Thursday, March 2025

Location		Day dB(A) L _{eq} 15min	Criteria dB(A) L _{eq} 15min	Evening/Night dB(A) L _{eq} 15min	Criteria dB(A) L _{eq} 15min
A	"Rosehill" R5	Inaudible	35	Inaudible	35
B	West Quipolly (R7*, R8*, R9* & R22*)	Inaudible	40	Inaudible	40
C	Central Quipolly(R10*, R11*)	Inaudible	40	Inaudible	40
D	"Hazeldene" R24	Inaudible	37	Inaudible	37
E	"Railway Cottage" R12	Inaudible	38	Inaudible#	38
F	"Talavera" R96	Inaudible	38	Inaudible	37
H	"Kyooma" R98	Inaudible	35	Inaudible#	35
I	Kurrara St, WC R57	Inaudible	35	Inaudible	35
J	Coronation Ave, WC	Inaudible	35	Inaudible#	35
K	Alco Park (R21*)	Inaudible	40	Inaudible	40
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NM- Denotes Not Measurable. If site only noise is noted as NM, this means some noise from the source of interest was audible at low-levels, but could not be quantified

29th and 30th Tuesday-Wednesday, April 2025

Location		Day dB(A) L _{eq} 15min	Criteria dB(A) L _{eq} 15min	Evening/Night dB(A) L _{eq} 15min	Criteria dB(A) L _{eq} 15min
A	"Rosehill" R5	Inaudible	35	Inaudible	35
B	West Quipolly (R7*, R8*, R9* & R22*)	Inaudible	40	Inaudible	40
C	Central Quipolly(R10*, R11*)	Inaudible	40	Inaudible	40
D	"Hazeldene" R24	Inaudible	37	Inaudible	37
E	"Railway Cottage" R12	Inaudible#	38	Inaudible	38
F	"Talavera" R96	Inaudible#	38	Inaudible	37
H	"Kyooma" R98	Inaudible#	35	Inaudible	35
I	Kurrara St, WC R57	Inaudible#	35	Inaudible#	35
J	Coronation Ave, WC	Inaudible#	35	Inaudible#	35
K	Alco Park (R21*)	Inaudible#	40	Inaudible#	40
L	West St, WC (R103)	Inaudible#	35	Inaudible#	35

WC – Werris Creek; * - Private agreement in place with resident; **Yellow Bold** – Elevated noise; # Adverse weather with wind >3m/s, temperature inversions >+12°C/100m or >2m/s and >0°C/100m; 1 – R22 criteria is 36 dB(A) L_{eq 15min} while R9 is 37 dB(A) L_{eq 15min}

NM- Denotes Not Measurable. If site only noise is noted as NM, this means some noise from the source of interest was audible at low-levels, but could not be quantified

14th & 15th Wednesday-Thursday, May 2025

Location		Day dB(A) L _{eq} 15min	Criteria dB(A) L _{eq} 15min	Evening/Night dB(A) L _{eq} 15min	Criteria dB(A) L _{eq} 15min
A	"Rosehill" R5	Inaudible	35	Inaudible	35
B	West Quipolly (R7*, R8*, R9* & R22*)	Inaudible	40	Inaudible	40
C	Central Quipolly(R10*, R11*)	Inaudible	40	Inaudible	40
D	"Hazeldene" R24	Inaudible	37	Inaudible	37
E	"Railway Cottage" R12	Inaudible#	38	Inaudible	38
F	"Talavera" R96	Inaudible#	38	Inaudible	37
H	"Kyooma" R98	Inaudible#	35	Inaudible	35
I	Kurrara St, WC R57	Inaudible	35	Inaudible	35
J	Coronation Ave, WC	Inaudible	35	Inaudible	35
K	Alco Park (R21*)	Inaudible	40	Inaudible	40
L	West St, WC (R103)	Inaudible#	35	Inaudible	35

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NM- Denotes Not Measurable. If site only noise is noted as NM, this means some noise from the source of interest was audible at low-levels, but could not be quantified

26th & 27th Thursday-Friday, June 2025

Location		Day dB(A) L _{eq} 15min	Criteria dB(A) L _{eq} 15min	Evening/Night dB(A) L _{eq} 15min	Criteria dB(A) L _{eq} 15min
A	"Rosehill" R5	Inaudible	35	Inaudible	35
B	West Quipolly (R7*, R8*, R9* & R22*)	Inaudible	40	Inaudible	40
C	Central Quipolly(R10*, R11*)	Inaudible	40	Inaudible	40
D	"Hazeldene" R24	Inaudible	37	Inaudible	37
E	"Railway Cottage" R12	Inaudible	38	Inaudible	38
F	"Talavera" R96	Inaudible	38	Inaudible	37
H	"Kyooma" R98	Inaudible	35	Inaudible	35
I	Kurrara St, WC R57	Inaudible	35	Inaudible	35
J	Coronation Ave, WC	Inaudible	35	Inaudible	35
K	Alco Park (R21*)	Inaudible	40	Inaudible	40
L	West St, WC (R103)	Inaudible	35	Inaudible	35

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NM- Denotes Not Measurable. If site only noise is noted as NM, this means some noise from the source of interest was audible at low-levels, but could not be quantified

3.1.2 Discussion - Compliance / Non-Compliance

Noise from Werris Creek Coal Mine was inaudible at all the monitoring sites during the reporting period.

3.2 Noise complaints

There were no noise complaints recorded during the period.

4.0 BLASTING

Blasting no longer occurs at Werris Creek Mine.

5.0 WATER

The groundwater monitoring program monitors groundwater levels bi-monthly and groundwater quality six monthly. Surface water monitoring is undertaken quarterly.

5.1 GROUND WATER

Groundwater monitoring is undertaken to identify if there are any impacts on groundwater quality and water levels as a result of the mining operations. WCC monitors approximately 38 groundwater wells/bores and piezometers in the key aquifers surrounding WCC including Werrie Basalt (next to WCC and further afield) and Quipolly Creek Alluvium. Groundwater level surveys were completed between 19 and 28 February 2025, 15 April and 6 May 2025, and 1 and 26 June 2025. Groundwater monitoring locations are identified in **Figure 4**.

5.1.1 Monitoring Data Results

A summary of groundwater monitoring results has been provided below.

Site		February-25		April-25		June-25	
		mbgl	%	mbgl	%	mbgl	%
Werrie Basalt near WCC	MW1	57.09	0%	57.12	0%	56.95	0%
	MW2	29.23	1%	29.67	-1%	29.98	-1%
	MW3	15.38	0%	15.33	0%	15.28	0%
	MW4B	12.39	-1%	12.42	0%	12.41	0%
	MW5	8.62	-3%	8.53	-2%	8.42	2%
	MW6	13.22	0%	13.15	1%	13.09	0%
	MW27*	49.20	0%	48.74	1%	48.71	0%
	MW36A	No longer monitored		20.39	-10%	19.48	5%
	MW36B	20.35	-4%	20.38	0%	20.47	0%
Werrie Basalt	MW8*	13.20	-6%	13.58	-3%	13.35	2%
	MW10	10.28	4%	10.18	1%	9.18	11%
	MW14	15.81	-5%	15.56	2%	15.55	0%
	MW17B*	9.35	99%	9.08	3%	8.98	1%
	MW19A*	7.46	-31%	5.61	33%	4.97	13%
	MW20*	17.62	0%	17.61	0%	17.49	1%
	MW38A	11.68	-4%	11.57	1%	11.68	-1%
	MW38B*	9.23	-1%	9.31	-1%	9.12	2%
	MW38C*	Pump over bore		Pump over bore		Pump over bore	
	MW38E*	7.54	-2%	7.62	-1%	7.49	2%
	MW41	5.36	-4%	5.26	2%	5.10	3%
	MW43	4.72	-4%	4.61	2%	4.49	3%
	MW24A*	12.03	-4%	11.98	0%	11.96	0%
# ¹	MW29*	10.72	-3%	10.42	3%	9.98	4%
Quipolly Alluvium	MW12*	7.84	-8%	7.97	-2%	7.41	8%
	MW13*	4.71	2%	4.69	0%	4.68	0%
	MW13B*	3.42	0%	3.39	1%	3.29	3%
	MW13D*	4.36	6%	4.67	-7%	4.52	3%
	MW15*	No access		No longer monitored		No longer monitored	
	MW16*	4.55	-7%	4.39	4%	4.32	2%
	MW17A*	3.60	-6%	3.45	4%	3.27	6%
	MW18A*	3.36	-10%	3.23	4%	3.10	4%
	MW21A*	6.21	-9%	6.21	0%	5.89	5%
	MW22A*	4.52	-7%	4.45	2%	4.25	5%
	MW22B*	4.63	-6%	4.59	1%	4.39	5%
	MW23A*	3.66	8%	3.66	0%	3.59	2%
	MW23B*	3.89	-5%	3.92	-1%	3.90	1%
	MW26B*	4.87	-9%	4.84	1%	4.52	7%
	MW28A*	9.15	-20%	8.48	8%	6.96	22%
	MW32*	3.92	0%	3.83	2%	3.77	2%
	MW40	5.32	-4%	5.29	1%	5.09	4%
	MW42	4.66	-3%	4.56	2%	4.45	2%
# ²	MW34*	Pump over bore		Pump over bore		Pump over bore	

mbgl – meters below ground level is the distance in meters from top of bore to groundwater surface; **Orange** – Change decrease; **Green** – change increase or no change; * - Indicates bore is used for water extraction unrelated to WCC (i.e. stock and domestic or irrigation). #¹ – Werrie Basalt in the Black Soil Gully valley to east of Werris Creek Mine. #² - Werris Creek Alluvium.

5.2 SURFACE WATER

Surface water monitoring is undertaken in local creeks offsite as well as from discharge point dirty water dams to monitor for potential water quality issues. Quarterly surface water monitoring was undertaken 19 February 2025 and 27 and 29 May 2025. Surface water monitoring locations are identified in **Figure 5**.

5.2.1 Monitoring Data Results

Summary of surface water quality monitoring results has been provided below.

19th February 2025

Site	pH	EC	TSS	O&G	Change from Previous Quarter or General Comments
ONSITE					
SB2	Dry	Dry	Dry	Dry	Previously dry, now grassy basin
SB9	Dry	Dry	Dry	Dry	Previously dry, now grassy basin
SB10	7.37	112	153	9	Previously muddy basin, now small body of water
SB18	Dry	Dry	Dry	Dry	Previously dry, now grassy basin
OFFSITE					
QCU	Dry	Dry	Dry	Dry	Previously muddy puddles, now no active flow
QCD	8.14	853	<5	<5	Remained flowing
WCU	Dry	Dry	Dry	Dry	Previously a slight trickle, now no active flow
WCD	Dry	Dry	Dry	Dry	Previously a slight trickle, now no active flow

pH – measure of acidity/alkalinity; EC – Electrical Conductivity measures salinity; TSS – Total Suspended Solids is a measure of suspended sediment in water (i.e. similar to turbidity); O&G – Oil and Grease measures amount of hydrocarbons (oils and fuels) in water. NA – No Access

27th & 29th May 2025

Site	pH	EC	TSS	O&G	Change from Previous Quarter or General Comments
ONSITE					
SB2	7.89	420	21	<5	Previously dry, now flowing
SB9	Dry	Dry	Dry	Dry	Remained dry
SB10	7.38	104	67	<5	Previously not flow, now flowing
SB18	Dry	Dry	Dry	Dry	Remained dry
OFFSITE					
QCU	7.69	304	210	<5	Previously dry, now flowing
QCD	7.38	231	360	<5	Remained flowing
WCU	7.86	264	380	<5	Previously no active flow, now flowing
WCD	NS	NS	NS	NS	Previously no active flow, now no access due to flooding

pH – measure of acidity/alkalinity; EC – Electrical Conductivity measures salinity; TSS – Total Suspended Solids is a measure of suspended sediment in water (i.e. similar to turbidity); O&G – Oil and Grease measures amount of hydrocarbons (oils and fuels) in water. NA – No Access. NS – No sample, site was inaccessible (flooding).

5.2.2 Discussion - Compliance / Non-Compliance

Quarterly surface water monitoring was undertaken 19 February 2025 and 27 and 29 May 2025. All water quality results were within long-term averages and the Site Water Management Plan trigger values.

5.3 SURFACE WATER DISCHARGES

5.3.1 Monitoring Data Results

There were two uncontrolled discharges in March 2025 following above average rainfall during the month.

Sampling conducted within the Quipolly and Werris Creek system during the discharge events was in accordance with licence conditions.

Sample Date	Dam	pH	EC	TSS	O&G	Compliance	Type	5 Day Rain (mm)
29/03/2025	SB10 (EPA14)	6.8	85	134	<5	Yes	Un-controlled	63.6
30/03/2025	SB2 (EPA10)	7.5	236	75	<5	Yes	Un-controlled	124
30/03/2025	QCU (EPA25)	7.4	236	24	<5	Yes	Un-controlled	124
30/03/2025	QCD (EPA26)	7.5	305	68	<5	Yes	Un-controlled	124
30/03/2025	WCU (EPA23)	7.9	675	10	<5	Yes	Un-controlled	124
30/03/2025	WCD (EPA24)	8.0	664	64	<5	Yes	Un-controlled	124
Criteria		6.5 - 8.5	N/A	50	10			

Yellow Bold – Elevated result/non compliance

5.3.2 Discussion - Compliance / Non-Compliance

Sampling results were compliant with WCC's Environmental Protection License.

5.4 WATER COMPLAINTS

There were no water release complaints during the period.

6.0 COMPLAINTS SUMMARY

There were no complaints received during the reporting.

7.0 GENERAL

Please feel free to ask any questions in relation to the information contained within this document.

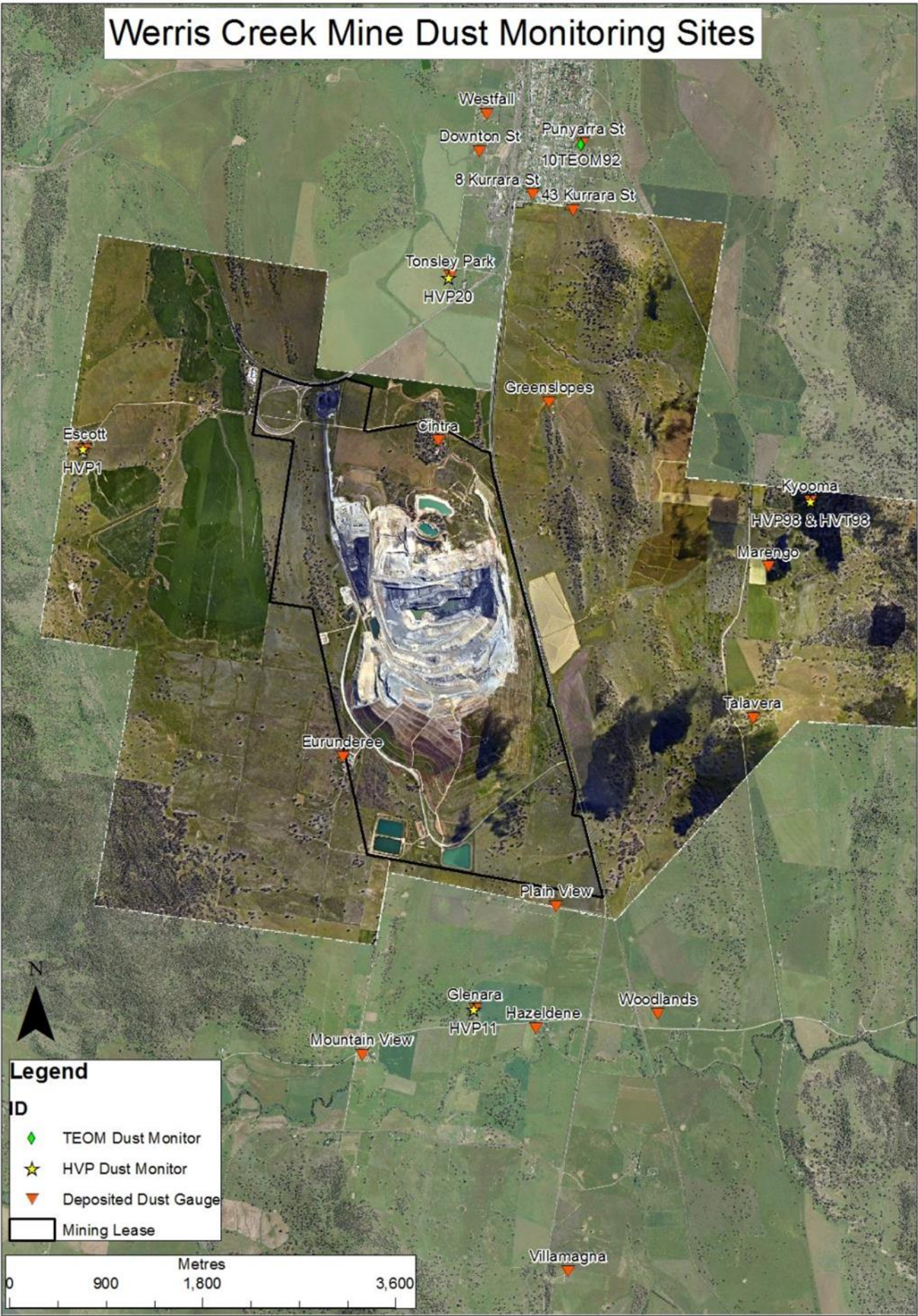


Figure 1 – WCC Dust Monitoring Locations



Figure 2– WCC Noise Monitoring Locations

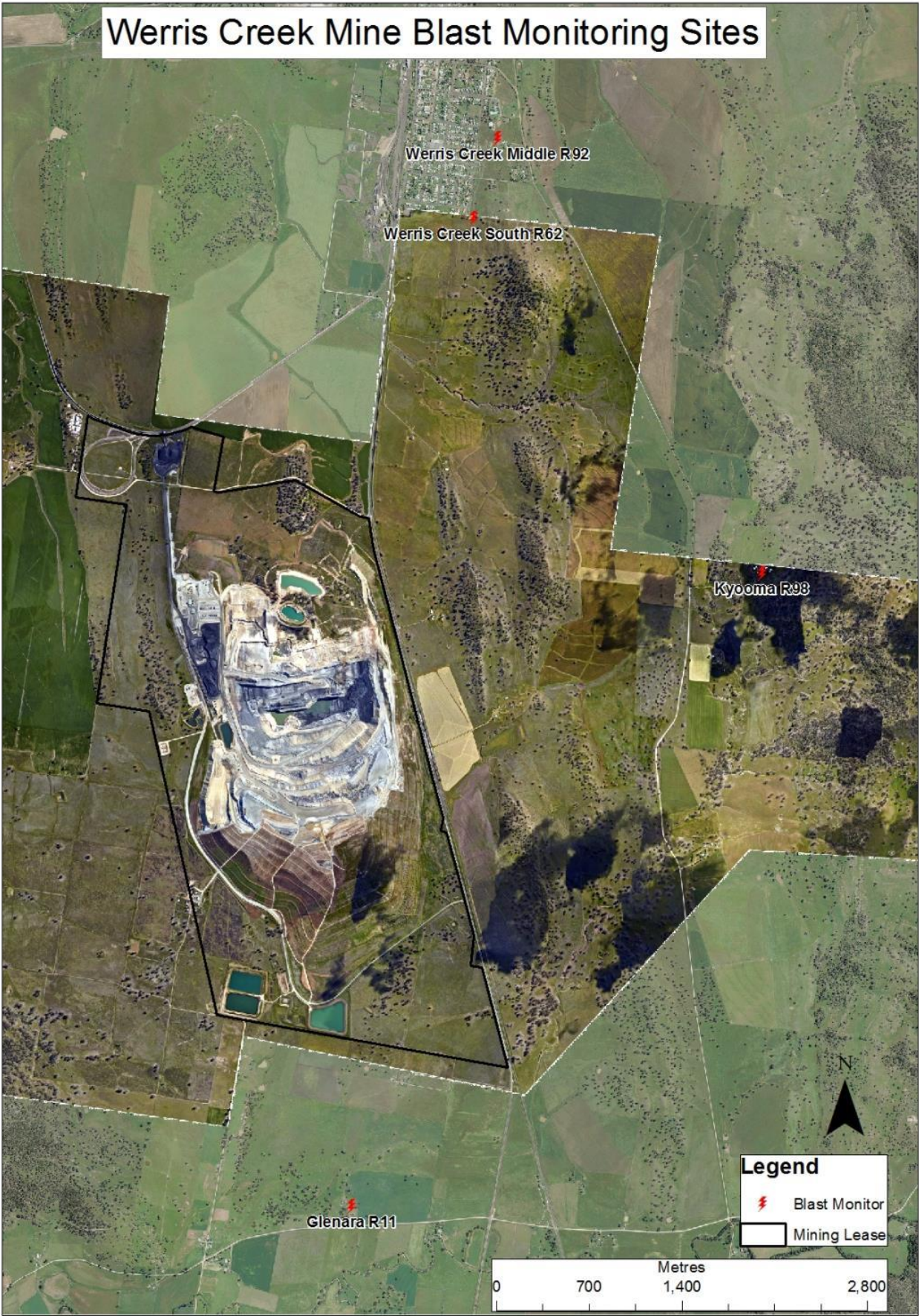


Figure 3 – WCC Blast Monitoring Locations



Figure 4 – WCC Groundwater Monitoring Locations



Figure 5 – WCC Surface Water Monitoring Locations

WERRIS CREEK COAL COMMUNITY CONSULTATIVE COMMITTEE

66th Meeting of the Committee held at the Werris Creek Mine on Wednesday, 17 September 2025

Meeting opened at 9:05AM

Record of Attendance

Michael Silver OAM	Independent Chairperson
Jane Bradford OAM	Independent Minute Taker
Mike Lomax	Community Representative
James O'Brien	Community Representative
Matt Hollis	Whitehaven Coal - Environmental Manager
Olivia Hulbert	Whitehaven Coal – Environmental Advisor
Keely Boyton	Whitehaven Coal – Environmental Officer

Apologies

Daryl Robinson	Whitehaven Coal – Environment & Mine Rehabilitation Manager
Darren Swain	Whitehaven Coal – General Manager Community Engagement

Late Apology

Noel Taylor	Community Representative
-------------	--------------------------

The Chair noted the passing of Lindsay Bridge, Community Representative on 25 February 2025.

2 Acknowledgement of Country

The Chair acknowledged the Traditional Owners of the land on which this meeting is being held and recognised their continuing connection to the land, water and culture, paying respects to their Elders past, present and emerging.

3 Declaration of Pecuniary or Other Interests

The Chair advised that his meeting expenses are borne by the proponent.
Other members – Nil

4 Minutes of the 65th meeting held on the 19 February 2025 were approved and finalised when the Independent Chairperson signed the Minutes on 13 March 2025.

5 Matters Arising – Following brief discussion it was agreed that meetings will be annually only and next meeting will be in April 2026

6 Half Yearly Environmental Monitoring Report – January to June 2025

Olivia Hulbert went through the Report with the following comments:

2.0 Air Quality

2.1.1 Monitoring Dust Results – Exceedance on 27 May 2025 due regional dust storm event caused by wind and dust from offsite.

2.2.1 Deposited Dust – One exceedance near “Cintra” caused by earth moving activity.

3.0 Noise

3.1.1 Noise Monitoring – Consultants undertaking targeted monitoring. Operational noise inaudible. Noise registered from wind or off site caused by traffic or train.

5.0 Water

5.1.1 The groundwater monitoring program monitors groundwater levels bi-monthly and groundwater quality six monthly.

5.2.1 Surface water monitoring is undertaken in local creeks offsite as well as from discharge point dirty water dams to monitor for potential water quality issues.

Mike Lomax noted the significant increase in rainfall recently. Olivia Hulbert indicated that 40-50 mm on site won't result in discharge, however 60mm plus may trigger a discharge.

7.0 General Business

7.1 Environmental Monitoring

Mike Lomax enquired how long overall environmental monitoring will occur. Matt Hollis indicated some monitoring will be scaled back, such as for blasting and noise monitoring at night. Noise monitoring will remain until rehabilitation is completed.

7.2 Rehabilitation

Mike Lomax and James O'Brien sought clarification on the removal of soil from the stockpile near the main front entrance. Olivia Hulbert advised this is topsoil being collected for rehabilitation of the pit – the level remaining at the front will be the final landform. She then explained the rehabilitation process and noted that tree planting and establishment was progressing very favourably.

James O'Brien enquired as to the status of drainage works. Olivia Hulbert advised that all major works are completed, with some minor works yet to be finalised.

Matt Hollis advised that the Resource Regulator had inspected the site on the day prior to the meeting. He then explained the geomorphic (self-maintaining) rehabilitation process, particularly the shaping to reduce the impacts of erosion and the need for contours which require maintenance. The rehabilitated area will become a natural woodland, with no cattle grazing. Olivia Hulbert added that grazing will only occur on flat country.

Mike Lomax enquired about the water capacity of the pit. Olivia Hulbert advised that modelling suggests a water depth in pit of 55 metres (Relative Level 330m) megalitres in 90 years and will reach an equilibrium depth of 66 metres 341 megalitres in 600 years. Matt Hollis then discussed the water transfer between that will occur from the remaining pit void and the surrounding Werrie basalt aquifer will be limited due to the presence of a low permeability rock aquitard. He advised that once water is pumped from the external mine dam into the pit there will be no more routine water pumping. The water licence for the mine will remain the same – no off-site water movement.

7.3 Closure of Mine Timeline brought forward to February / March 2026 for completion of site earthworks – tree planting still ongoing – all soil work should be completed – onsite rehabilitation work crews currently working ten-hour days for summer period.

7.4 Other Assets.

- Workshop will stay – demountables are still under discussion
- Coal loader and crushing equipment to removed offsite and re-purposed where possible. □
Railway line stays plus railway loop
- Two big water tanks for bushfire management to stay.

7.5 Assets and Ancillary Infrastructure Report to be prepared for April 2026 meeting.

7.6 Reminder that the emergency or hot line number is **1800 942 836** - the message is converted to text and sent out to the relevant people.

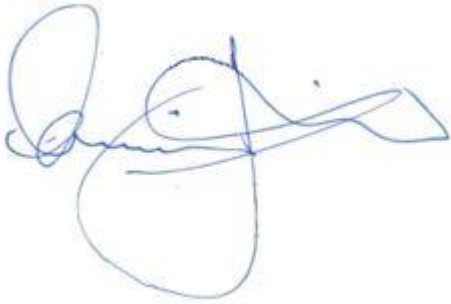
8 Next Meeting Date and Time – Wednesday, 15 April 2026 at **9:30 AM** at the Werris Creek Coal Mine Board Room - further details will be forwarded closer to the time.

Note – Invite Quirindi Councillor and staff member to the April meeting.

9 Meeting closed at 9:45AM

Following the meeting the Committee undertook an inspection of the rehabilitation at the mine.

Meeting Minutes Approved:

A handwritten signature in blue ink, appearing to read 'Michael J Silver', with a large, stylized loop at the end.

Michael J Silver OAM
Independent Chairperson

Date: 15 November 2025



WERRIS CREEK COAL PTY LTD

QUARTERLY ENVIRONMENTAL MONITORING REPORT

January – June 2025

This Environmental Monitoring Report covers the period 1st January to 30th June 2025 for the Werris Creek Coal Mine Community Consultative Committee.

The report includes environmental monitoring results from the on-site Weather Station, Air Quality, Noise, Surface Water, Groundwater and Discharge Water Quality together with any community complaints received and general details on site environmental matters.

Note: Elevated monitoring results above the relevant monitoring criteria are highlighted in **yellow**.

CONTENTS

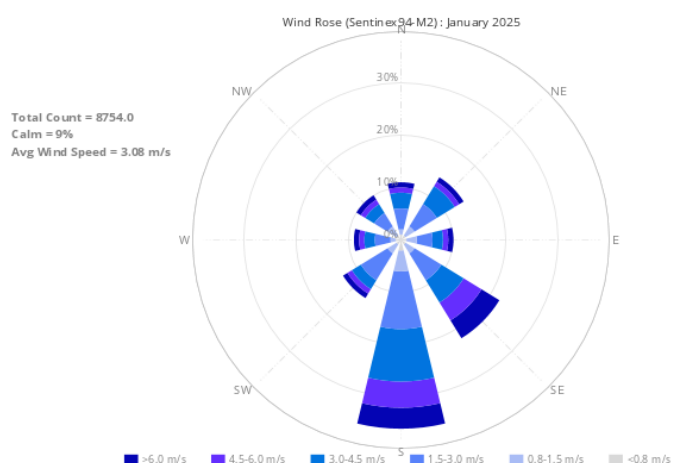
1.0	METEOROLOGY	3
1.1	WEATHER STATION	3
2.0	AIR QUALITY.....	5
2.1	HVAS (PM ₁₀) and TEOM (PM ₁₀ & PM _{2.5}).....	5
2.1.1	Monitoring Data Results.....	5
	Yellow Bold – Elevated dust level.	5
2.1.2	Discussion - Compliance / Non-Compliance	5
2.2	WERRIS CREEK MINE DEPOSITED DUST	6
2.2.1	Monitoring Data Results.....	6
2.2.2	Discussion - Compliance / Non-Compliance	6
2.3	AIR QUALITY COMPLAINTS	6
3.0	NOISE	6
3.1	OPERATIONAL NOISE	6
3.1.1	Monitoring Data Results.....	7
3.1.2	Discussion - Compliance / Non-Compliance	10
3.2	Noise complaints	10
4.0	BLASTING	10
4.1	BLAST MONITORING.....	Error! Bookmark not defined.
4.1.1	Monitoring Data Results.....	Error! Bookmark not defined.
4.1.2	Discussion - Compliance / Non-Compliance	Error! Bookmark not defined.
4.2	BLAST COMPLAINTS.....	Error! Bookmark not defined.
5.0	WATER	10
5.1	GROUND WATER.....	10
5.1.1	Monitoring Data Results.....	11
5.2	SURFACE WATER.....	12
5.2.1	Monitoring Data Results.....	12
5.2.2	Discussion - Compliance / Non-Compliance	12
5.3	SURFACE WATER DISCHARGES.....	13
5.3.1	Monitoring Data Results.....	13
5.3.2	Discussion - Compliance / Non-Compliance	13
5.4	WATER COMPLAINTS	13
6.0	COMPLAINTS SUMMARY.....	13
7.0	GENERAL	13

1.0 METEOROLOGY

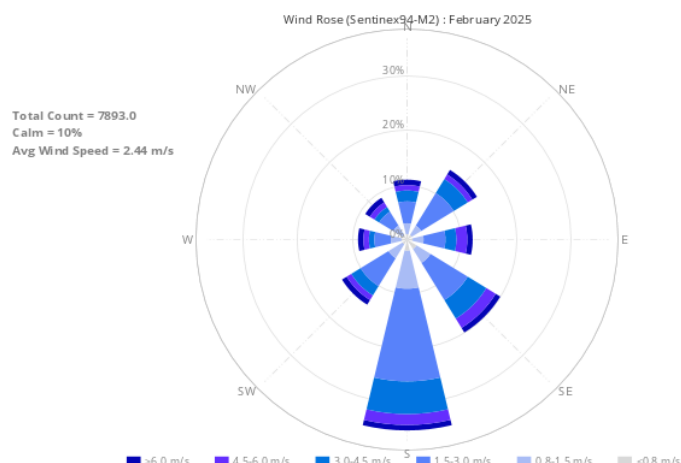
1.1 WEATHER STATION

Werris Creek Coal (WCC) collects meteorological data from the onsite weather station located on the top level of the overburden emplacement. The following table summarises rainfall data for the last six months. The monthly rainfall during the reporting period was above the historical average for January and March–May 2025 but below in February and June 2025. Directional wind data, presented in the wind-rose figures below, indicate the prevailing wind direction during the reporting period was predominantly from the south during January–May 2025 and primarily from the north-west in June 2025.

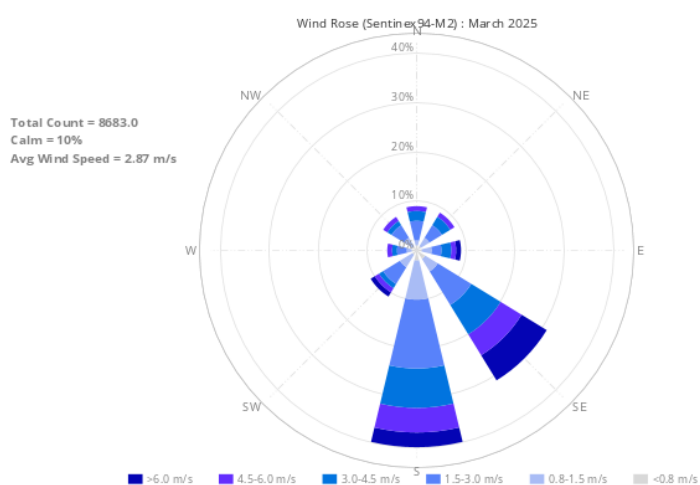
Month	Rainfall (mm)		
	Onsite	Historical Average	2025 Total
January 2025	78.8	67.8	78.8
February 2025	55	66.0	133.8
March 2025	176	70.5	309.8
April 2025	64.6	35.4	374.4
May 2025	74	36.2	448.4
June 2025	20	63.0	468.4



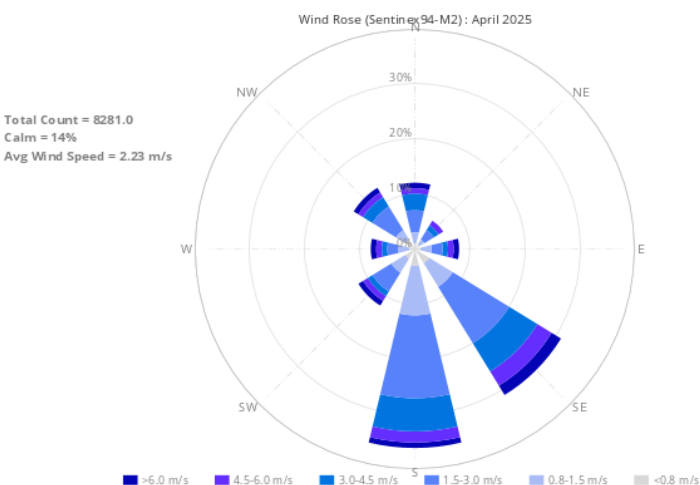
JANUARY 2025



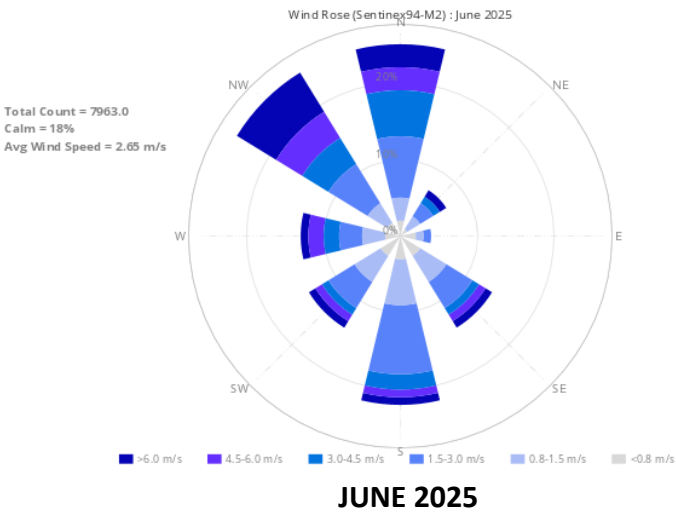
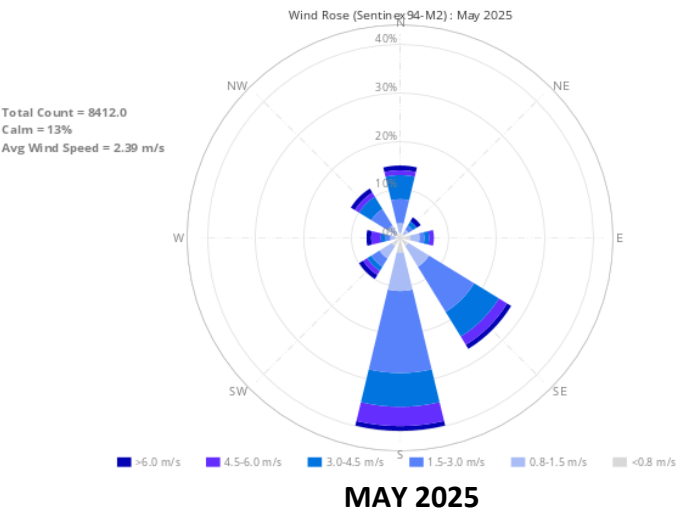
FEBRUARY 2025



MARCH 2025



APRIL 2025



2.0 AIR QUALITY

2.1 HVAS (PM₁₀) and TEOM (PM₁₀ & PM_{2.5})

WCC operates five High Volume Air Samplers (HVAS), four sites measuring particulate matter less than 10 microns (PM₁₀) and one site measuring total suspended particulate (TSP) matter. HVAS sampling is scheduled every 6 days for a 24-hour run period in accordance with Environment Protection Authority (EPA) guidelines. Results are reported in micro grams per cubic metre (µg/m³) of air sampled. In addition, WCC operates a Tapered Element Oscillating Microbalance (TEOM) monitor in Werris Creek measuring real time PM₁₀ and PM_{2.5} (particulate matter less than 2.5 microns) dust levels. Dust monitoring locations are identified in **Figure 1**. The average results for the last six months are provided in the table below.

2.1.1 Monitoring Data Results

The average results for the last six months are provided in the table below.

Yellow Bold – Elevated dust level.

MONITORING LOCATION	24Hr Maximum (µg/m ³)	JAN 2025 (µg/m ³)	FEB 2025 (µg/m ³)	MAR 2025 (µg/m ³)	APR 2025 (µg/m ³)	MAY 2025 (µg/m ³)	JUN 2025 (µg/m ³)	2025 ANNUAL AVG (µg/m ³)	CRITERIA (µg/m ³)	
									Annual	24hr
PM _{2.5} – TEOM92 “Werris Creek”	13.5	9.7	6.4	3.4	4.8	6.7	5.9	6.1	-	-
PM ₁₀ – TEOM92 “Werris Creek”	60.6	14.5	12.9	7.5	9.9	10.3	8.6	10.6	30	50
PM ₁₀ – HVP20 “Tonsley Park”	19.4	10.8	12.3	7.0	4.7	6.0	6.5	7.5	30	50
PM ₁₀ – HVP1 “Escott”	39.5	10.1	10.9	6.7	4.8	4.9	8.1	7.6	30	50
PM ₁₀ – HVP11 “Glenara”	35.3	15.6	18.2	12.0	12.4	13.3	11.4	13.5	30	50
PM ₁₀ – HVP98 “Kyooma”	16.4	7.8	9.7	5.1	4.1	2.5	3.0	5.1	30	50
TSP – HVT98 “Kyooma”	30.2	14.2	16.4	15.4	11.2	7.3	4.7	11.4	90	-

2.1.2 Discussion - Compliance / Non-Compliance

All TSP, PM₁₀ and PM_{2.5} dust results were within criteria during the period except for an elevated PM₁₀ 24hr average result of 60.6 ug/m³ that occurred on 27 May 2025 which was due to a dust storm in the area.

2.2 WERRIS CREEK MINE DEPOSITED DUST

Deposited dust monitoring measures particulate matter greater than 30 microns in size that readily settles out of the air related to visual impact. Dust deposition is monitored at 18 locations around WCC. Sampling is scheduled monthly in accordance with EPA guidelines and results are reported as grams per square metre per month ($\text{g/m}^2\text{.month}$). Dust monitoring locations are identified in **Figure 1**.

2.2.1 Monitoring Data Results

The results for the last six months are provided in the table below.

MONITORING LOCATION	JAN 2025	FEB 2025	MAR 2025	APR 2025	MAY 2025	JUN 2025	2025 ANNUAL AVG ($\text{g/m}^2\text{.month}$)	Annual Criteria ($\text{g/m}^2\text{.month}$)
	(g/m ² /month)							
DG1 "Escott"	0.2	0.9	0.2	0.6	0.0	0.2	0.4	4.0
DG2 "Cintra"	2.6	6.0	0.8	0.4	0.7	0.4	1.8	4.0
DG3 "Eurunderee"	0.6	0.5	0.4	0.4	0.6	0.4	0.5	4.0
DG5 "Railway View"	0.6	1.4	0.3	0.4	1.4	0.6	0.8	4.0
DG9 "Marengo"	0.6	0.7	0.4	0.4	0.0	0.4	0.4	4.0
DG11 "Glenara"	0.8	0.5	0.4	0.6	0.3	0.3	0.5	4.0
DG14 "Greenslopes"	2.8	3.3	0.3	6.7*	0.7	0.3	1.5	4.0
DG15 "Plain View"	0.3	0.7	0.2	0.4	0.2	0.3	0.4	4.0
DG17 "Woodlands"	1.2	8.5*	1.0	1.5	0.4	2.1	1.2	4.0
DG20 "Tonsley Park"	0.4	1.6	0.5	0.4	0.2	0.2	0.6	4.0
DG22 "Mountain View"	0.7	0.9	0.2	0.8	3.9	0.5	1.2	4.0
DG24 "Hazeldene"	0.6	1.0	0.4	0.7	2.1	3.0	1.3	4.0
DG34 8 Kurrara St	0.6	1.3	0.2	0.4	0.5	0.2	0.5	4.0
DG62 Werris Creek South	0.4	0.7	0.2	0.4	0.1	0.1	0.3	4.0
DG92 Werris Creek Centre	0.8	1.3	0.8	0.7	0.3	0.2	0.7	4.0
DG98 "Kyooma"	0.5	0.7	0.2	0.4	0.2	0.3	0.4	4.0
DG101 "Westfall"	1.1	2.6	0.9	1.5	0.6	0.4	1.2	4.0
DG103 West Street	2.9	3.6	1.0	1.4	1.5	1.5	2.0	4.0

* - sample contaminated with excessive organic matter (>50%) from non-mining source (i.e., bird droppings and insects); # - indicates sample is contaminated from a Non-Werris Creek Coal dust source; **Yellow Bold** – Elevated dust level; NS - No Sample (bottle and funnel shattered)

2.2.2 Discussion - Compliance / Non-Compliance

All monthly dust deposition gauge results were below the annual criteria of $4.0 \text{ g/m}^2\text{/month}$ throughout the period with the exception of:

- DG2 (Cintra) exhibited high dust levels in February 2025. DG2 is located within the Mining Lease Boundary.

2.3 AIR QUALITY COMPLAINTS

There were no dust complaints recorded during the period.

3.0 NOISE

3.1 OPERATIONAL NOISE

Monthly attended noise monitoring is undertaken representative of the following 16 properties from 13 monitoring points below. Attended noise monitoring was undertaken twice for either 60 minutes at privately owned properties or 15 minutes at properties with private agreements; representative of the day period and the evening/night period.

3.1.1 Monitoring Data Results

The noise results for the last six months are outlined in the tables below. Noise monitoring locations are identified in Figure 2.

9th Thursday, January 2025

Location		Day dB(A) L_{eq} 15min	Criteria dB(A) L_{eq} 15min	Evening/Night dB(A) L_{eq} 15min	Criteria dB(A) L_{eq} 15min
A	"Rosehill" R5	Inaudible#	35	Inaudible	35
B	West Quipolly (R7*, R8*, R9* & R22*)	Inaudible#	40	Inaudible	40
C	Central Quipolly(R10*, R11*)	Inaudible#	40	Inaudible	40
D	"Hazeldene" R24	Inaudible#	37	Inaudible#	37
E	"Railway Cottage" R12	Inaudible#	38	Inaudible#	38
F	"Talavera" R96	Inaudible#	38	Inaudible#	37
H	"Kyooma" R98	Inaudible#	35	Inaudible#	35
I	Kurrara St, WC R57	Inaudible	35	Inaudible#	35
J	Coronation Ave, WC	Inaudible#	35	Inaudible#	35
K	Alco Park (R21*)	Inaudible#	40	Inaudible#	40
L	West St, WC (R103)	Inaudible#	35	Inaudible	35

WC – Werris Creek; * - Private agreement in place with resident; **Yellow Bold** – Elevated noise; # Adverse weather with wind >3m/s, temperature inversions >+12°C/100m or >2m/s and >0°C/100m; 1 – R22 criteria is 36 dB(A) L_{eq} 15min while R9 is 37 dB(A) L_{eq} 15min

NM- Denotes Not Measurable. If site only noise is noted as NM, this means some noise from the source of interest was audible at low-levels, but could not be quantified

24th and 25th Monday-Tuesday, February 2025

Location		Day dB(A) L_{eq} 15min	Criteria dB(A) L_{eq} 15min	Evening/Night dB(A) L_{eq} 15min	Criteria dB(A) L_{eq} 15min
A	"Rosehill" R5	Inaudible	35	Inaudible#	35
B	West Quipolly (R7*, R8*, R9* & R22*)	Inaudible	40	Inaudible	40
C	Central Quipolly(R10*, R11*)	Inaudible	40	Inaudible	40
D	"Hazeldene" R24	Inaudible	37	Inaudible#	37
E	"Railway Cottage" R12	Inaudible	38	Inaudible	38
F	"Talavera" R96	Inaudible	38	Inaudible	37
H	"Kyooma" R98	Inaudible	35	Inaudible	35
I	Kurrara St, WC R57	Inaudible	35	Inaudible#	35
J	Coronation Ave, WC	Inaudible#	35	Inaudible#	35
K	Alco Park (R21*)	Inaudible	40	Inaudible	40
L	West St, WC (R103)	Inaudible	35	Inaudible	35

WC – Werris Creek; * - Private agreement in place with resident; **Yellow Bold** – Elevated noise; # Adverse weather with wind >3m/s, temperature inversions >+12°C/100m or >2m/s and >0°C/100m; 1 – R22 criteria is 36 dB(A) L_{eq} 15min while R9 is 37 dB(A) L_{eq} 15min

NM- Denotes Not Measurable. If site only noise is noted as NM, this means some noise from the source of interest was audible at low-levels, but could not be quantified

19th and 20th Wednesday-Thursday, March 2025

Location		Day dB(A) L_{eq} 15min	Criteria dB(A) L_{eq} 15min	Evening/Night dB(A) L_{eq} 15min	Criteria dB(A) L_{eq} 15min
A	"Rosehill" R5	Inaudible	35	Inaudible	35
B	West Quipolly (R7*, R8*, R9* & R22*)	Inaudible	40	Inaudible	40
C	Central Quipolly(R10*, R11*)	Inaudible	40	Inaudible	40
D	"Hazeldene" R24	Inaudible	37	Inaudible	37
E	"Railway Cottage" R12	Inaudible	38	Inaudible#	38
F	"Talavera" R96	Inaudible	38	Inaudible	37
H	"Kyooma" R98	Inaudible	35	Inaudible#	35
I	Kurrara St, WC R57	Inaudible	35	Inaudible	35
J	Coronation Ave, WC	Inaudible	35	Inaudible#	35
K	Alco Park (R21*)	Inaudible	40	Inaudible	40
L	West St, WC (R103)	Inaudible	35	Inaudible	35

WC – Werris Creek; * - Private agreement in place with resident; **Yellow Bold** – Elevated noise; # Adverse weather with wind >3m/s, temperature inversions >+12°C/100m or >2m/s and >0°C/100m; 1 – R22 criteria is 36 dB(A) L_{eq} 15min while R9 is 37 dB(A) L_{eq} 15min

NM- Denotes Not Measurable. If site only noise is noted as NM, this means some noise from the source of interest was audible at low-levels, but could not be quantified

29th and 30th Tuesday-Wednesday, April 2025

Location		Day dB(A) L_{eq} 15min	Criteria dB(A) L_{eq} 15min	Evening/Night dB(A) L_{eq} 15min	Criteria dB(A) L_{eq} 15min
A	"Rosehill" R5	Inaudible	35	Inaudible	35
B	West Quipolly (R7*, R8*, R9* & R22*)	Inaudible	40	Inaudible	40
C	Central Quipolly(R10*, R11*)	Inaudible	40	Inaudible	40
D	"Hazeldene" R24	Inaudible	37	Inaudible	37
E	"Railway Cottage" R12	Inaudible#	38	Inaudible	38
F	"Talavera" R96	Inaudible#	38	Inaudible	37
H	"Kyooma" R98	Inaudible#	35	Inaudible	35
I	Kurrara St, WC R57	Inaudible#	35	Inaudible#	35
J	Coronation Ave, WC	Inaudible#	35	Inaudible#	35
K	Alco Park (R21*)	Inaudible#	40	Inaudible#	40
L	West St, WC (R103)	Inaudible#	35	Inaudible#	35

WC – Werris Creek; * - Private agreement in place with resident; **Yellow Bold** – Elevated noise; # Adverse weather with wind >3m/s, temperature inversions >+12°C/100m or >2m/s and >0°C/100m; 1 – R22 criteria is 36 dB(A) L_{eq} 15min while R9 is 37 dB(A) L_{eq} 15min

NM- Denotes Not Measurable. If site only noise is noted as NM, this means some noise from the source of interest was audible at low-levels, but could not be quantified

14th & 15th Wednesday-Thursday, May 2025

Location		Day dB(A) L _{eq} 15min	Criteria dB(A) L _{eq} 15min	Evening/Night dB(A) L _{eq} 15min	Criteria dB(A) L _{eq} 15min
A	"Rosehill" R5	Inaudible	35	Inaudible	35
B	West Quipolly (R7*, R8*, R9* & R22*)	Inaudible	40	Inaudible	40
C	Central Quipolly(R10*, R11*)	Inaudible	40	Inaudible	40
D	"Hazeldene" R24	Inaudible	37	Inaudible	37
E	"Railway Cottage" R12	Inaudible#	38	Inaudible	38
F	"Talavera" R96	Inaudible#	38	Inaudible	37
H	"Kyooma" R98	Inaudible#	35	Inaudible	35
I	Kurrara St, WC R57	Inaudible	35	Inaudible	35
J	Coronation Ave, WC	Inaudible	35	Inaudible	35
K	Alco Park (R21*)	Inaudible	40	Inaudible	40
L	West St, WC (R103)	Inaudible#	35	Inaudible	35

WC – Werris Creek; * - Private agreement in place with resident; **Yellow Bold** – Elevated noise; # Adverse weather with wind >3m/s, temperature inversions >+12°C/100m or >2m/s and >0°C/100m; 1 – R22 criteria is 36 dB(A) L_{eq 15min} while R9 is 37 dB(A) L_{eq 15min}

NM- Denotes Not Measurable. If site only noise is noted as NM, this means some noise from the source of interest was audible at low-levels, but could not be quantified

26th & 27th Thursday-Friday, June 2025

Location		Day dB(A) L _{eq} 15min	Criteria dB(A) L _{eq} 15min	Evening/Night dB(A) L _{eq} 15min	Criteria dB(A) L _{eq} 15min
A	"Rosehill" R5	Inaudible	35	Inaudible	35
B	West Quipolly (R7*, R8*, R9* & R22*)	Inaudible	40	Inaudible	40
C	Central Quipolly(R10*, R11*)	Inaudible	40	Inaudible	40
D	"Hazeldene" R24	Inaudible	37	Inaudible	37
E	"Railway Cottage" R12	Inaudible	38	Inaudible	38
F	"Talavera" R96	Inaudible	38	Inaudible	37
H	"Kyooma" R98	Inaudible	35	Inaudible	35
I	Kurrara St, WC R57	Inaudible	35	Inaudible	35
J	Coronation Ave, WC	Inaudible	35	Inaudible	35
K	Alco Park (R21*)	Inaudible	40	Inaudible	40
L	West St, WC (R103)	Inaudible	35	Inaudible	35

WC – Werris Creek; * - Private agreement in place with resident; **Yellow Bold** – Elevated noise; # Adverse weather with wind >3m/s, temperature inversions >+12°C/100m or >2m/s and >0°C/100m; 1 – R22 criteria is 36 dB(A) L_{eq 15min} while R9 is 37 dB(A) L_{eq 15min}

NM- Denotes Not Measurable. If site only noise is noted as NM, this means some noise from the source of interest was audible at low-levels, but could not be quantified

3.1.2 Discussion - Compliance / Non-Compliance

Noise from Werris Creek Coal Mine was inaudible at all the monitoring sites during the reporting period.

3.2 Noise complaints

There were no noise complaints recorded during the period.

4.0 BLASTING

Blasting no longer occurs at Werris Creek Mine.

5.0 WATER

The groundwater monitoring program monitors groundwater levels bi-monthly and groundwater quality six monthly. Surface water monitoring is undertaken quarterly.

5.1 GROUND WATER

Groundwater monitoring is undertaken to identify if there are any impacts on groundwater quality and water levels as a result of the mining operations. WCC monitors approximately 38 groundwater wells/bores and piezometers in the key aquifers surrounding WCC including Werrie Basalt (next to WCC and further afield) and Quipolly Creek Alluvium. Groundwater level surveys were completed between 19 and 28 February 2025, 15 April and 6 May 2025, and 1 and 26 June 2025. Groundwater monitoring locations are identified in **Figure 4**.

5.1.1 Monitoring Data Results

A summary of groundwater monitoring results has been provided below.

Site		February-25		April-25		June-25	
		mbgl	%	mbgl	%	mbgl	%
Werrie Basalt near WCC	MW1	57.09	0%	57.12	0%	56.95	0%
	MW2	29.23	1%	29.67	-1%	29.98	-1%
	MW3	15.38	0%	15.33	0%	15.28	0%
	MW4B	12.39	-1%	12.42	0%	12.41	0%
	MW5	8.62	-3%	8.53	-2%	8.42	2%
	MW6	13.22	0%	13.15	1%	13.09	0%
	MW27*	49.20	0%	48.74	1%	48.71	0%
	MW36A	No longer monitored		20.39	-10%	19.48	5%
	MW36B	20.35	-4%	20.38	0%	20.47	0%
Werrie Basalt	MW8*	13.20	-6%	13.58	-3%	13.35	2%
	MW10	10.28	4%	10.18	1%	9.18	11%
	MW14	15.81	-5%	15.56	2%	15.55	0%
	MW17B*	9.35	99%	9.08	3%	8.98	1%
	MW19A*	7.46	-31%	5.61	33%	4.97	13%
	MW20*	17.62	0%	17.61	0%	17.49	1%
	MW38A	11.68	-4%	11.57	1%	11.68	-1%
	MW38B*	9.23	-1%	9.31	-1%	9.12	2%
	MW38C*	Pump over bore		Pump over bore		Pump over bore	
	MW38E*	7.54	-2%	7.62	-1%	7.49	2%
	MW41	5.36	-4%	5.26	2%	5.10	3%
	MW43	4.72	-4%	4.61	2%	4.49	3%
	MW24A*	12.03	-4%	11.98	0%	11.96	0%
# ¹	MW29*	10.72	-3%	10.42	3%	9.98	4%
Quipolly Alluvium	MW12*	7.84	-8%	7.97	-2%	7.41	8%
	MW13*	4.71	2%	4.69	0%	4.68	0%
	MW13B*	3.42	0%	3.39	1%	3.29	3%
	MW13D*	4.36	6%	4.67	-7%	4.52	3%
	MW15*	No access		No longer monitored		No longer monitored	
	MW16*	4.55	-7%	4.39	4%	4.32	2%
	MW17A*	3.60	-6%	3.45	4%	3.27	6%
	MW18A*	3.36	-10%	3.23	4%	3.10	4%
	MW21A*	6.21	-9%	6.21	0%	5.89	5%
	MW22A*	4.52	-7%	4.45	2%	4.25	5%
	MW22B*	4.63	-6%	4.59	1%	4.39	5%
	MW23A*	3.66	8%	3.66	0%	3.59	2%
	MW23B*	3.89	-5%	3.92	-1%	3.90	1%
	MW26B*	4.87	-9%	4.84	1%	4.52	7%
	MW28A*	9.15	-20%	8.48	8%	6.96	22%
	MW32*	3.92	0%	3.83	2%	3.77	2%
	MW40	5.32	-4%	5.29	1%	5.09	4%
	MW42	4.66	-3%	4.56	2%	4.45	2%
# ²	MW34*	Pump over bore		Pump over bore		Pump over bore	

mbgl – meters below ground level is the distance in meters from top of bore to groundwater surface; **Orange** – Change decrease; **Green** – change increase or no change; * - Indicates bore is used for water extraction unrelated to WCC (i.e. stock and domestic or irrigation). #¹ – Werrie Basalt in the Black Soil Gully valley to east of Werris Creek Mine. #² - Werris Creek Alluvium.

5.2 SURFACE WATER

Surface water monitoring is undertaken in local creeks offsite as well as from discharge point dirty water dams to monitor for potential water quality issues. Quarterly surface water monitoring was undertaken 19 February 2025 and 27 and 29 May 2025. Surface water monitoring locations are identified in **Figure 5**.

5.2.1 Monitoring Data Results

Summary of surface water quality monitoring results has been provided below.

19th February 2025

Site	pH	EC	TSS	O&G	Change from Previous Quarter or General Comments
ONSITE					
SB2	Dry	Dry	Dry	Dry	Previously dry, now grassy basin
SB9	Dry	Dry	Dry	Dry	Previously dry, now grassy basin
SB10	7.37	112	153	9	Previously muddy basin, now small body of water
SB18	Dry	Dry	Dry	Dry	Previously dry, now grassy basin
OFFSITE					
QCU	Dry	Dry	Dry	Dry	Previously muddy puddles, now no active flow
QCD	8.14	853	<5	<5	Remained flowing
WCU	Dry	Dry	Dry	Dry	Previously a slight trickle, now no active flow
WCD	Dry	Dry	Dry	Dry	Previously a slight trickle, now no active flow

pH – measure of acidity/alkalinity; EC – Electrical Conductivity measures salinity; TSS – Total Suspended Solids is a measure of suspended sediment in water (i.e. similar to turbidity); O&G – Oil and Grease measures amount of hydrocarbons (oils and fuels) in water. NA – No Access

27th & 29th May 2025

Site	pH	EC	TSS	O&G	Change from Previous Quarter or General Comments
ONSITE					
SB2	7.89	420	21	<5	Previously dry, now flowing
SB9	Dry	Dry	Dry	Dry	Remained dry
SB10	7.38	104	67	<5	Previously not flow, now flowing
SB18	Dry	Dry	Dry	Dry	Remained dry
OFFSITE					
QCU	7.69	304	210	<5	Previously dry, now flowing
QCD	7.38	231	360	<5	Remained flowing
WCU	7.86	264	380	<5	Previously no active flow, now flowing
WCD	NS	NS	NS	NS	Previously no active flow, now no access due to flooding

pH – measure of acidity/alkalinity; EC – Electrical Conductivity measures salinity; TSS – Total Suspended Solids is a measure of suspended sediment in water (i.e. similar to turbidity); O&G – Oil and Grease measures amount of hydrocarbons (oils and fuels) in water. NA – No Access. NS – No sample, site was inaccessible (flooding).

5.2.2 Discussion - Compliance / Non-Compliance

Quarterly surface water monitoring was undertaken 19 February 2025 and 27 and 29 May 2025. All water quality results were within long-term averages and the Site Water Management Plan trigger values.

5.3 SURFACE WATER DISCHARGES

5.3.1 Monitoring Data Results

There were two uncontrolled discharges in March 2025 following above average rainfall during the month. Sampling conducted within the Quipolly and Werris Creek system during the discharge events was in accordance with licence conditions.

Sample Date	Dam	pH	EC	TSS	O&G	Compliance	Type	5 Day Rain (mm)
29/03/2025	SB10 (EPA14)	6.8	85	134	<5	Yes	Un-controlled	63.6
30/03/2025	SB2 (EPA10)	7.5	236	75	<5	Yes	Un-controlled	124
30/03/2025	QCU (EPA25)	7.4	236	24	<5	Yes	Un-controlled	124
30/03/2025	QCD (EPA26)	7.5	305	68	<5	Yes	Un-controlled	124
30/03/2025	WCU (EPA23)	7.9	675	10	<5	Yes	Un-controlled	124
30/03/2025	WCD (EPA24)	8.0	664	64	<5	Yes	Un-controlled	124
Criteria		6.5 - 8.5	N/A	50	10			

Yellow Bold – Elevated result/non compliance

5.3.2 Discussion - Compliance / Non-Compliance

Sampling results were compliant with WCC's Environmental Protection License.

5.4 WATER COMPLAINTS

There were no water release complaints during the period.

6.0 COMPLAINTS SUMMARY

There were no complaints received during the reporting.

7.0 GENERAL

Please feel free to ask any questions in relation to the information contained within this document.

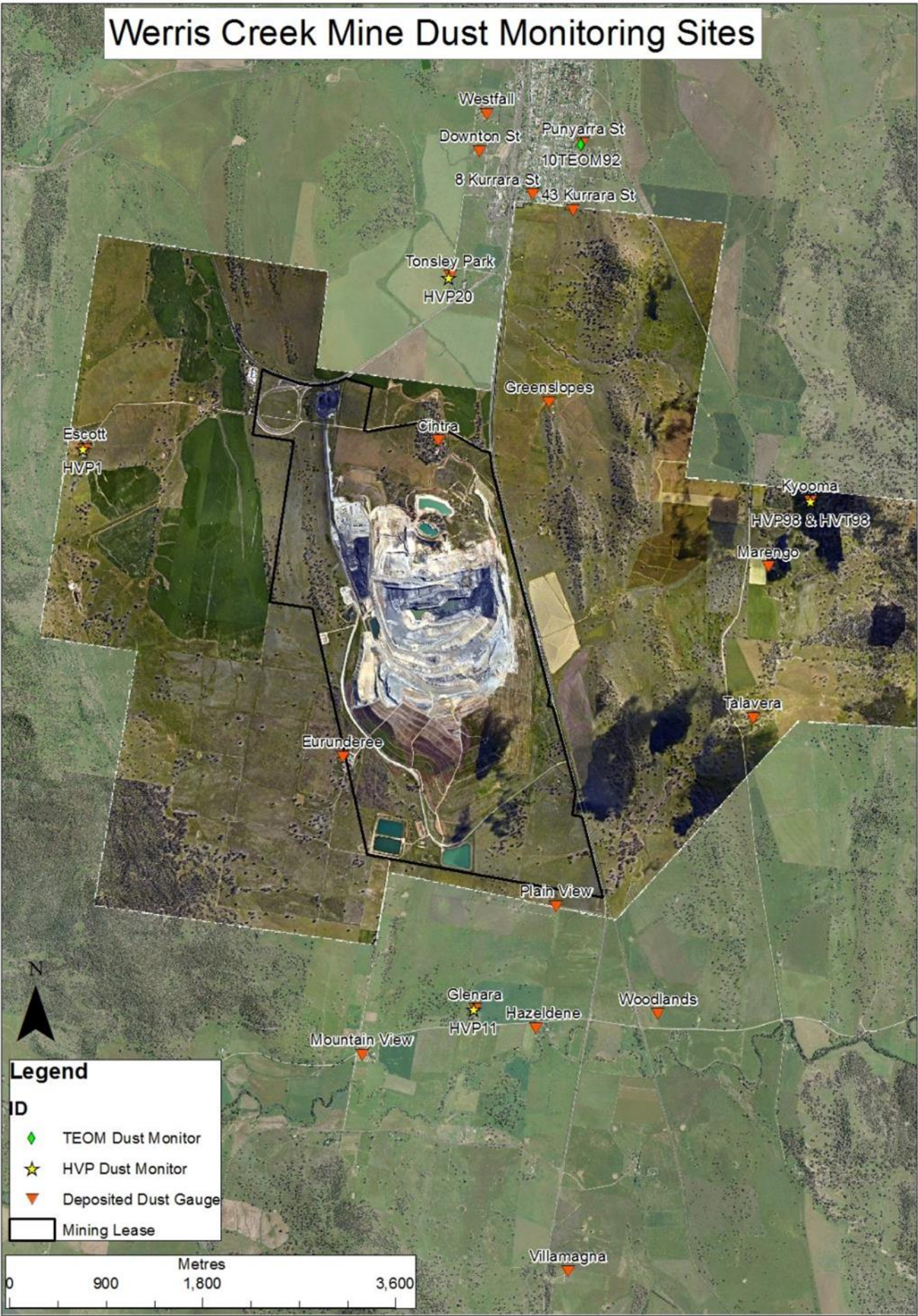


Figure 1 – WCC Dust Monitoring Locations



Figure 2– WCC Noise Monitoring Locations

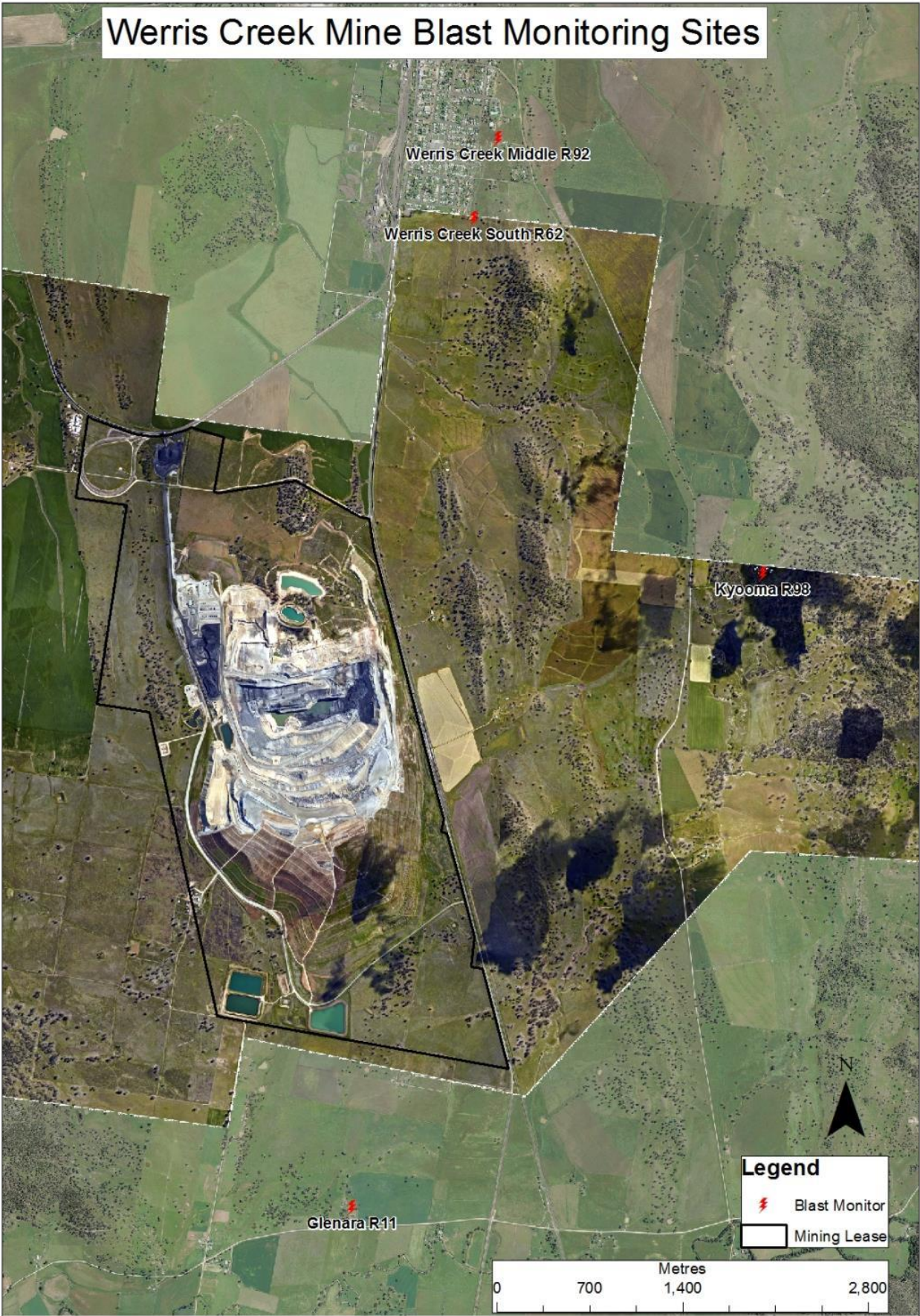


Figure 3 – WCC Blast Monitoring Locations

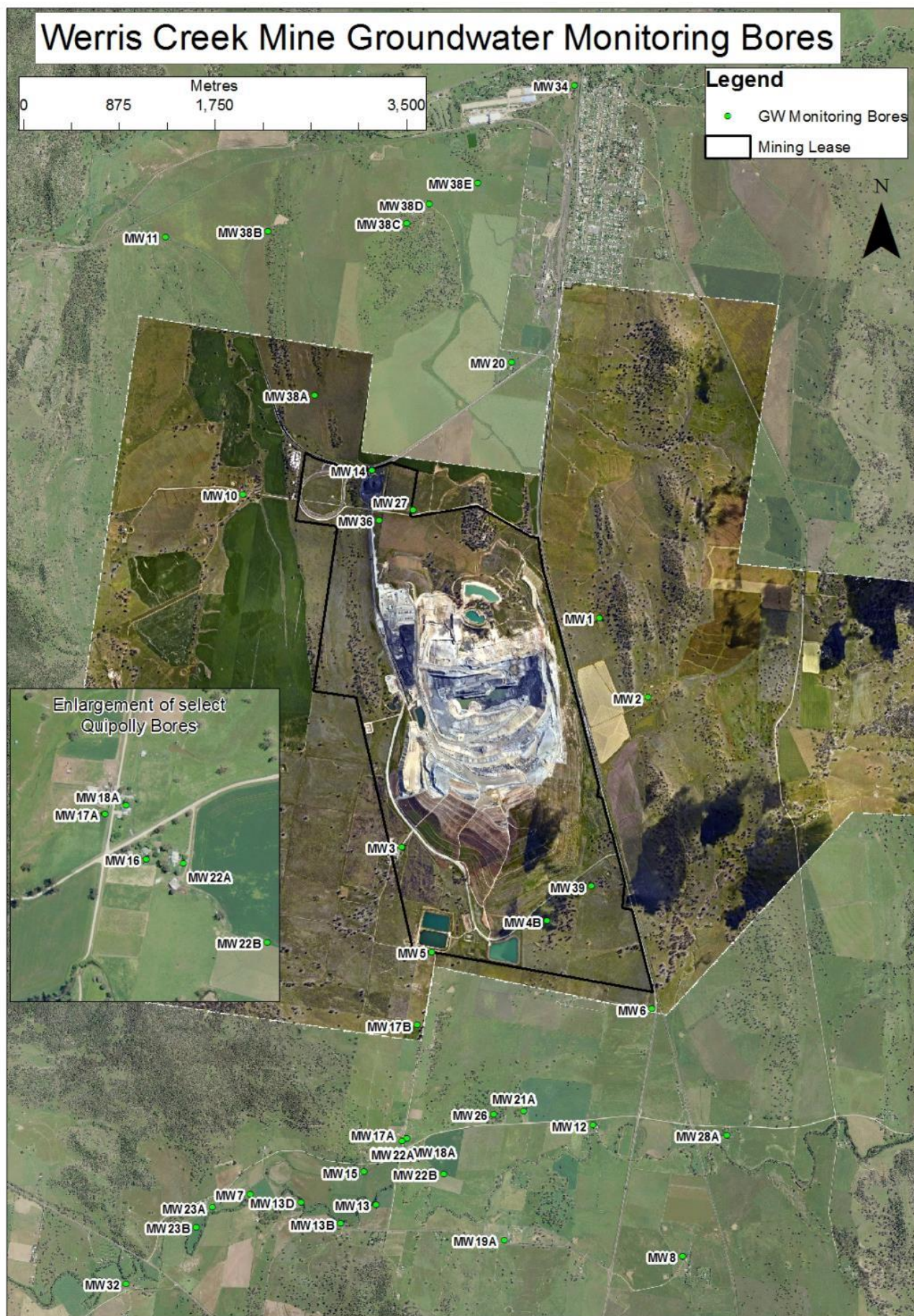


Figure 4 – WCC Groundwater Monitoring Locations



Figure 5 – WCC Surface Water Monitoring Locations