WERRIS CREEK COAL COMMUNITY CONSULTATIVE COMMITTEE

64th Meeting of the Committee held at the Werris Creek Mine on Wednesday, 14 February at 9:30AM

Meeting opened at 10.50 AM – after the Tour of the Mine completed.

Record of Attendance

Michael Smith OAM Independent Chairperson Jane Bradford OAM Independent Minute Taker

Murray O'Keefe Whitehaven Coal – Operations Manager

Andrew Raal Werris Creek Coal – Superintendent Close Mines

Daryl Robinson Whitehaven Coal – Environment & Mine Rehabilitation Manager

Olivia Hulbert Whitehaven Coal – Environmental Advisor

APOLOGIES

Jacki Scott Whitehaven Coal – Manager Community Partnerships & Investment Darren Swain Whitehaven Coal – General Manager Community Engagement

Olivia Hulbert Whitehaven Coal – Environmental Advisor

Very Late apologies

Mike Lomax Community Representative Noel Taylor Community Representative James O'Brien Community Representative

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 the 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 63rd meeting held on the 8 November 2023 were approved and finalised when the Independent Chairperson, Mike Silver signed the Minutes on 4 December last.
- 5 Matters Arising Nil
- 6 Quarterly Environmental Monitoring Report October to December 2023

Andrew Raal went through the Report with the following comments:

- 2.1 Air Quality Smoke and Dust from the Pilliga Bushfire caused slight elevation for a few days. This was reported and accepted by the Department of Planning, Housing and Infrastructure (DPHI) as being due to an extraordinary event and not mine related.
- **2.2 Werris Creek Mine deposited dust** "Cintra" averaged "4" which is within the 12-month average.
- **4.0** Blasting Total of fifteen blasts all within required levels.

5.1.1 Monitoring Data Results – 2023 Monitoring will be in the Annual Report – this will be published on the Whitehaven Coal web page.

7.0 General Business

- 7.1 Closure of Mine extended to April 2024 with completion by 30 June 2024.
- **7.2** 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.
- **Next Meeting Date and Time -** after discussion to meet twice a year July and February. Wednesday, 10 July 2024 at 9:30AM at the Werris Creek Coal Mine board room.
- 9 Meeting closed at 11:00AM

Meeting Minutes Approved:

Michael J Silver OAM Independent Chairperson

Date: 26 March 2024



WERRIS CREEK COAL PTY LTD

QUARTERLY ENVIRONMENTAL MONITORING REPORT

October - December 2023

This Environmental Monitoring Report covers the period 1st October to 31st December 2023 for the Werris Creek Coal Mine Community Consultative Committee.

The report includes environmental monitoring results from the on-site Weather Station, Air Quality, Noise, Blasting, 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.

Werris Creek Coal Page 1 of 15

CONTENTS

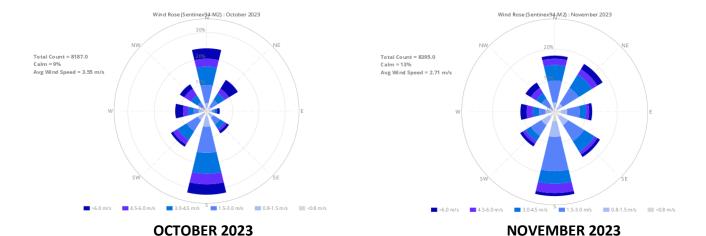
1.0	METEOROLOGY	3
1.1	WEATHER STATION	
2.0	AIR QUALITY	4
2.1	HVAS (PM ₁₀) and TEOM (PM ₁₀ & PM _{2.5})	
2.1.		
2.1.	č	
2.2		
2.2.	1 Monitoring Data Results	5
2.2.	2 Discussion - Compliance / Non-Compliance	5
2.3	AIR QUALITY COMPLAINTS	5
3.0	NOISE	5
3.1	OPERATIONAL NOISE	5
3.1.	1 Monitoring Data Results	6
3.1.	2 Discussion - Compliance / Non-Compliance	7
3.2		
4.0	BLASTING	7
4.1	BLAST MONITORING	7
4.1.		
4.1.	č	
4.2	BLAST COMPLAINTS	8
5.0	WATER	8
5.1	GROUND WATER	
5.1.		
5.1.	ĕ	
5.2	SURFACE WATER	
5.2.		
5.2.	2 Discussion - Compliance / Non-Compliance	10
5.3		
5.3.	1 Monitoring Data Results	10
5.3.	2 Discussion - Compliance / Non-Compliance	10
5.4		
6.0	COMPLAINTS SUMMARY	10
7.0	GENERAL	10

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 three months. The monthly rainfall during the reporting period was below the historical average for October 2023 but above November-December 2023. 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 October-November 2023 and from the north in December 2023.

Month	Rainfall (mm)					
Wionen	Onsite	Historical Average	2023 Total			
October 2023	37.8	64.3	381.0			
November 2023	91.2	90.1	472.2			
December 2023	108.0	84.6	580.2			



Wind Rose (Sentinex96,MZ): December 2023

NW

Total Count = 8708.0

Calm = 8%

Avg Wind Speed = 3.21 m/s

W

5W

5E

4.56.0 m/s

3.0.45 m/s

5 1.5-3.0 m/s

0.8-1.5 m/s

Werris Creek Coal Page 3 of 15

DECEMBER 2023

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 (μ g/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**.

2.1.1 Monitoring Data Results

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

						CRITERIA	(μg/m³)
MONITORING LOCATION	24Hr OCT Maximum (μg/m³) (μg/m³)		NOV DEC 2023 2023 (μg/m³) (μg/m³)		2023 AVG (μg/m³)	Annual	24hr
PM _{2.5} – TEOM92 "Werris Creek"	44.1	4.1	4.0	8.2	4.6	-	-
PM ₁₀ – TEOM92 "Werris Creek"	52.7	12.8	8.6	14.9	10.4	30	50
PM ₁₀ – HVP20 "Tonsley Park"	56.6	18.7	13.0	21.1	14.0	30	50
PM ₁₀ - HVP1 "Escott"	43.2	9.7	7.1	15.0	7.7	30	50
PM ₁₀ – HVP11 "Glenara"	52.1	12.2	12.0	18.9	12.6	30	50
PM ₁₀ – HVP98 "Kyooma"	34.5	11.7	8.0	14.7	7.2	30	50
TSP – HVT98 "Kyooma"	58.8	20.1	16.6	29.7	15.8	90	-

Yellow Bold - Elevated dust level.

2.1.2 Discussion - Compliance / Non-Compliance

All TSP, PM_{10} and $PM_{2.5}$ dust results were within criteria during the period except for an elevated PM_{10} 24hr average result of 52.7 ug/m³ that occurred on 9 December 2023 which was due to bush fires in the area. Incident was reported to the DPHI (Department of Planning, Housing and Infrastructure) and was accepted as an extraordinary event. Elevated PM_{10} results were also recorded for the 19/12/2023 HVAS run for sites HVP20 Tonsley Park and HVP98 Glenara result of Pilliga bushfire events. The exceedances were reported to the DPHI and accepted as extraordinary events.

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 (g/m².month). Dust monitoring locations are identified in **Figure 1**.

Werris Creek Coal Page 4 of 15

2.2.1 Monitoring Data Results

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

MONITORING LOCATION	OCT 2023 (g/m²/month)	NOV 2023 (g/m²/month)	DEC 2023 (g/m²/month)	2023 AVERAGE (g/m2/month)	Annual Criteria (g/m²/month)
DG1 "Escott"	3.6	1.1	1.0	0.9	4.0
DG2 "Cintra"	1.8	6.5*	3.3	4.3	4.0
DG3 "Eurunderee"	1.3	1.2	0.5	1.0	4.0
DG5 "Railway View"	0.7	1.5	2.1	1.5	4.0
DG9 "Marengo"	0.4	0.5	0.7	0.5	4.0
DG11 "Glenara"	0.9	0.6	0.4	0.8	4.0
DG14 "Greenslopes"	0.5	0.8	0.5	0.7	4.0
DG15 "Plain View"	0.5	0.7	0.4	0.7	4.0
DG17 "Woodlands"	3.1	2.9	2.3	2.2	4.0
DG20 "Tonsley Park"	0.7	1.0	1.2	1.1	4.0
DG22 "Mountain View"	0.8	0.7	0.2	0.6	4.0
DG24 "Hazeldene"	0.9	1.1	0.5	1.1	4.0
DG34 8 Kurrara St	0.4	0.5	0.4	0.5	4.0
DG62 Werris Creek South	0.3	0.4	0.3	0.7	4.0
DG92 Werris Creek Centre	2.1	0.5	0.5	0.7	4.0
DG98 "Kyooma"	0.2	0.4	1.5	0.5	4.0
DG101 "Westfall"	1.1	1.4	1.8	1.6	4.0
DG103 West Street	0.5	2.0	1.1	1.4	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

2.2.2 Discussion - Compliance / Non-Compliance

All monthly dust deposition gauge results were below the annual criteria of 4.0 g/m²/month throughout the period.

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.

Werris Creek Coal Page 5 of 15

3.1.1 Monitoring Data Results

The WCC operation's noise level (not ambient noise) results for the last three months are outlined in the tables below. Noise monitoring locations are identified in **Figure 2**.

17th and 18th Tuesday-Wednesday, October 2023

	Location	Day dB(A) L _{eq}	Criteria dB(A) L _{eq}	Evening/Night	Criteria dB(A) L _{eq}
	Location	15min	15min	dB(A) L _{eq 15min}	15min
Α	"Rosehill" R5	Inaudible	35	Inaudible#	35
В	West Quipolly (R7*, R8, R9* & R22*)	Inaudible	40	Inaudible#	40
С	Central Quipolly (R10*, R11*)	Inaudible	40	Inaudible#	40
D	"Hazeldene" R24	Inaudible	37	Inaudible#	37
Е	"Railway Cottage" R12	Inaudible#	38	Inaudible#	38
F	"Talavera" R96	24#	38	Inaudible#	37
Н	"Kyooma" R98	Inaudible#	35	Inaudible#	35
	Kurrara St, WC R57	Inaudible	35	Inaudible#	35
J	Coronation Ave, WC	Inaudible#	35	Inaudible#	35
K	Alco Park (R21*)	24	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) Leq 15min while R9 is 37 dB(A) Leq 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

7th Tuesday, November 2023

	Location	Day dB(A) L _{eq 15min}	Criteria dB(A) L _{eq}	Evening/Night	Criteria dB(A) L _{eq}
	Location	Day ab(A) Leq 15min	15min	dB(A) Leq 15min	15min
Α	"Rosehill" R5	Inaudible	35	Inaudible#	35
В	West Quipolly (R7*, R8, R9* & R22*)	Inaudible	40	Inaudible#	40
С	Central Quipolly (R10*, R11*)	Inaudible	40	Inaudible	40
D	"Hazeldene" R24	Inaudible	37	Inaudible#	37
Ε	"Railway Cottage" R12	Inaudible	38	Inaudible	38
F	"Talavera" R96	Inaudible	38	Inaudible	37
Н	"Kyooma" R98	Inaudible	35	Inaudible	35
- 1	Kurrara St, WC R57	Inaudible	35	22#	35
J	Coronation Ave, WC	Inaudible#	35	Inaudible#	35
K	Alco Park (R21*)	Inaudible	40	25#	40
L	West St, WC (R103)	Inaudible	35	23#	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) Leq 15min while R9 is 37 dB(A) Leq 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

18th and 19th Monday-Tuesday, December 2023

	Location	Day dB(A) L _{eq}	Criteria dB(A) L _{eq}	Evening/Night dB(A)	Criteria dB(A) L _{eq}
	Location	15min	15min	L _{eq 15min}	15min
Α	"Rosehill" R5	Inaudible#	35	Inaudible#	35
В	West Quipolly (R7*, R8, R9* & R22*)	Inaudible#	40	Inaudible#	40
С	Central Quipolly (R10*, R11*)	Inaudible#	40	Inaudible#	40
D	"Hazeldene" R24	Inaudible#	37	Inaudible#	37
Е	"Railway Cottage" R12	Inaudible#	38	Inaudible#	38
F	"Talavera" R96	Inaudible#	38	Inaudible#	37
Н	"Kyooma" R98	Inaudible#	35	Inaudible#	35
	Kurrara St, WC R57	Inaudible#	35	22#	35
J	Coronation Ave, WC	Inaudible#	35	Inaudible#	35
K	Alco Park (R21*)	Inaudible	40	24#	40
L	West St, WC (R103)	Inaudible	35	22#	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) Leq 15min while R9 is 37 dB(A) Leq 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

Werris Creek Coal Page 6 of 15

3.1.2 Discussion - Compliance / Non-Compliance

Noise from Werris Creek Coal Mine was inaudible at a high percentage of the monitoring sites during the quarter. Throughout the period, Werris Creek Coal Mine adjusted mining operations and shut down equipment at various times to reduce noise generation potential in response to noise levels measured at the real time noise monitors.

3.2 Noise complaints

There was one noise complaint recorded during the period.

4.0 BLASTING

During the reporting period there was a total of 5 blasts fired by WCC with monitoring of each blast undertaken at "Glenara", "Kyooma", "Werris Creek South" and "Werris Creek Mid". Compliance limits for blasting overpressure is 115dBL (and up to 120dBL for only 5% of blasts) and vibration is 5mm/s (and up to 10mm/s for only 5% of blasts). Blast monitoring locations are identified in **Figure 3**.

4.1 BLAST MONITORING

4.1.1 Monitoring Data Results

The summary tables of blasting results over the last three months are provided below.

OCTOBER 2023		"Glen	ara" R11	"Kyooma" R98		Werris Creek South R62		Werris Creek Mid R92	
OCTO	DER 2023	mm/s	dB(L)	mm/s	dB(L)	mm/s	dB(L)	mm/s	dB(L)
Monthl	y Average	0.04	106.2	0.49	104.0	0.19	99.4	0.10	92.3
Monthly Maximum		0.05	113.5	0.82	112.6	0.31	103.6	0.15	101.8
Annua	l Average	0.09	98.9	0.76	99.8	0.44	99.5	0.25	97.6
Cr	iteria	5	115	5	115	5	115	5	115
% >115dB(L) or 5mm/s	Rolling 12-mo Average	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.82%
	YTD	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.33%

NOVEMBER 2023		"Glen	ara" R11	"Kyooma" R98		Werris Creek South R62		Werris Creek Mid R92	
INOVEIV	IDER 2023	mm/s	dB(L)	mm/s	dB(L)	mm/s	dB(L)	mm/s	dB(L)
Monthl	y Average	0.12	96.5	0.88	97.3	0.45	100.8	0.25	71.5
Monthly Maximum		0.12	96.5	0.88	97.3	0.45	100.8	0.25	71.5
Annua	Annual Average		98.7	0.77	99.5	0.44	99.6	0.25	95.6
Cr	iteria	5	115	5	115	5	115	5	115
% >115dB(L) or 5mm/s	Rolling 12-mo Average	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.04%
	YTD	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.27%

DECEM	DECEMBER 2023		ara" R11	"Kyooma" R98		Werris Creek South R62		Werris Creek Mid R92	
DECEIVI	IDEK 2023	mm/s	dB(L)	mm/s	dB(L)	mm/s	dB(L)	mm/s	dB(L)
Month	ly Average	0.03	94.5	0.47	95.9	0.12	94.0	0.12	91.5
Monthly	Monthly Maximum		94.5	0.47	95.9	0.12	94.0	0.12	91.5
Annua	l Average	0.09	98.3	0.75	99.2	0.41	99.1	0.24	95.3
Cr	iteria	5	115	5	115	5	115	5	115
% >115dB(L)	Rolling 12-mo Average	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.22%
or 5mm/s	YTD	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.22%

Yellow – overpressure >115dB(L) or Werris Creek vibration >5.0mm/s.

Werris Creek Coal Page 7 of 15

4.1.2 Discussion - Compliance / Non-Compliance

All blasts over the period complied with maximum licence limits (120dB(L) and 10mm/s) as well as the 95th percentile limits (115dB(L) and 5mm/s).

4.2 BLAST COMPLAINTS

There were no blast complaints during the reporting period regarding vibration.

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 27-29 November 2023. Groundwater monitoring locations are identified in **Figure 4**.

Werris Creek Coal Page 8 of 15

5.1.1 Monitoring Data Results

A summary of groundwater monitoring results has been provided below.

		November	-23
	Site	mbgl	%
0	MW1	56.37	-1%
Š	MW2	28.11	-2%
۲ ح	MW3	15.25	-1%
je [MW4B	12.91	0%
ialt [MW5	8.48	-3%
Bas	MW6	13.33	-1%
Werrie Basalt near WCC	MW27*	50.41	-2%
Ver	MW36A	18.27	-3%
	MW36B	18.28	-4%
	MW8*	14.79	-6%
	MW10	8.56	-1%
	MW14	14.06	-4%
<u>.</u> L	MW17B*	9.95	-7%
Isal	MW19A*	Pump over bore	
Werrie Basalt	MW20*	16.33	1%
rrie	MW38A	10.50	-6%
ĕ L	MW38B*	Mud	
	MW38C*	Pump over bore	
	MW38E*	7.66	-5%
	MW41	5.59	-8%
	MW43	4.91	-5%
#1	MW24A*	12.46	-2%
"	MW29*	11.05	-2%
	MW12*	8.25	-5%
	MW13*	4.90	-2%
	MW13B*	3.75	0%
	MW13D*	4.48	-2%
_	MW15*	4.47	-4%
	MW16*	4.60	-4%
Ę L	MW17A*	3.85	-9%
iv	MW18A*	3.80	-10%
ly Alluvium	MW21A*	6.57	-10%
lod	MW22A*	4.63	-7%
Quipoll	MW22B*	4.96	-7%
` -	MW23A*	3.75	9%
	MW23B*	No Access	00/
	MW26B*	5.07	-9%
-	MW28A*	11.32	-9%
-	MW32*	Pump over bore	00/
-	MW40	5.57	-8%
112	MW42	4.83	-5%
# ²	MW34*	9.84	-4%

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.

5.1.2 Discussion - Compliance / Non-Compliance

Measured groundwater levels in the Werrie Basalt and Quipolly Alluvium aquifer indicate an overall decrease in water levels in November 2023.

Werris Creek Coal Page 9 of 15

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 9, 14 & 21 November 2023. 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.

9th, 14th & 21st November 2023

<u>- : ~ -</u>	110000								
Site	рН	EC	TSS	O&G	&G Change from Previous Quarter or General Comments				
	ONSITE								
SB2	Dry	Dry	Dry	Dry	Remained dry				
SB9	Dry	Dry	Dry	Dry	Remained dry				
SB10	Dry	Dry	Dry	Dry	Remained muddy basin				
SB18	Dry	Dry	Dry	Dry	Remained dry				
					OFFSITE				
QCU	7.84	477	20	<5	Flowing previously, now only a trickle				
QCD	8.21	851	14	<5	Remained flowing				
WCU	8.39	1010	10	<5	Remained flowing				
WCD	8.4	1280	36	<5	Remained flowing				

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

5.2.2 Discussion - Compliance / Non-Compliance

Quarterly surface water monitoring was undertaken 9th, 14th & 21st November. 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 five irrigation events that occurred during the reporting period (October-December 2023). Discharge amounts and water quality results are summarised in the table below.

Site	EPA ID	DISCHARGE (ML)	DATE SAMPLED	рН	EC
VWD4	35	11.08	23/10/2023	7.27	1825
VWD4	35	10.66	30/10/2023	8.3	1839
VWD4	35	5.99	13/12/2023	8.03	1880
VWD4	35	0.79	19/12/2023	7.75	1866
VWD4	35	10.96	29/12/2023	8.27	1886

5.3.2 Discussion - Compliance / Non-Compliance

No surface water discharge events, other than irrigation, occurred during the reporting period.

5.4 WATER COMPLAINTS

There were no water release complaints during the period.

6.0 COMPLAINTS SUMMARY

There were not complaints received during the reporting.

7.0 GENERAL

Please feel free to ask any questions in relation to the information contained within this document during Item 7 of the meeting agenda.

Werris Creek Coal Page 10 of 15

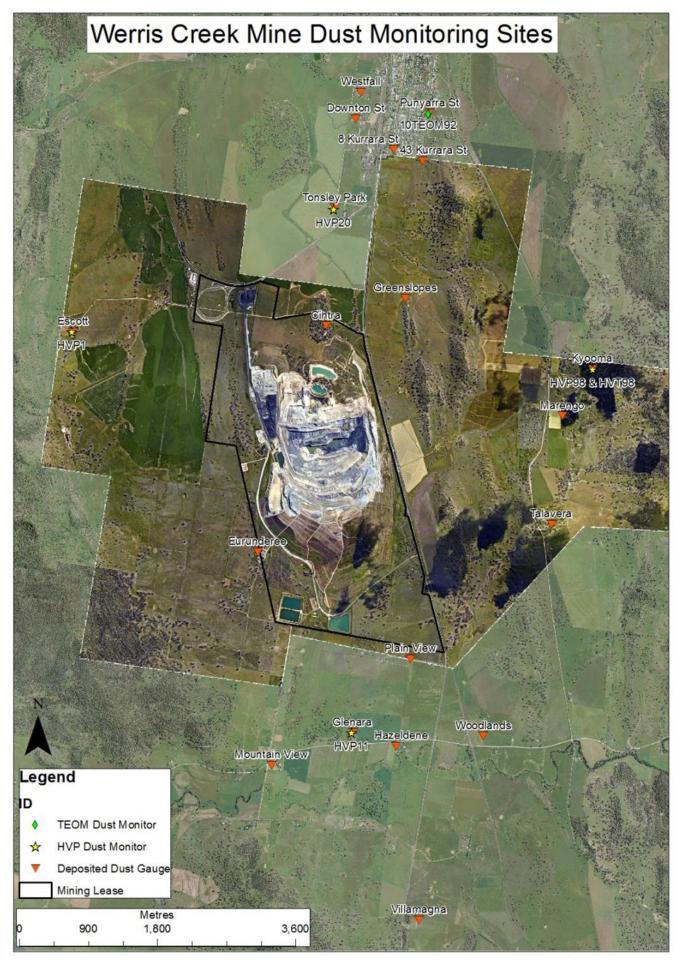


Figure 1 – WCC Dust Monitoring Locations

Werris Creek Coal Page 11 of 15



Figure 2– WCC Noise Monitoring Locations

Werris Creek Coal Page 12 of 15

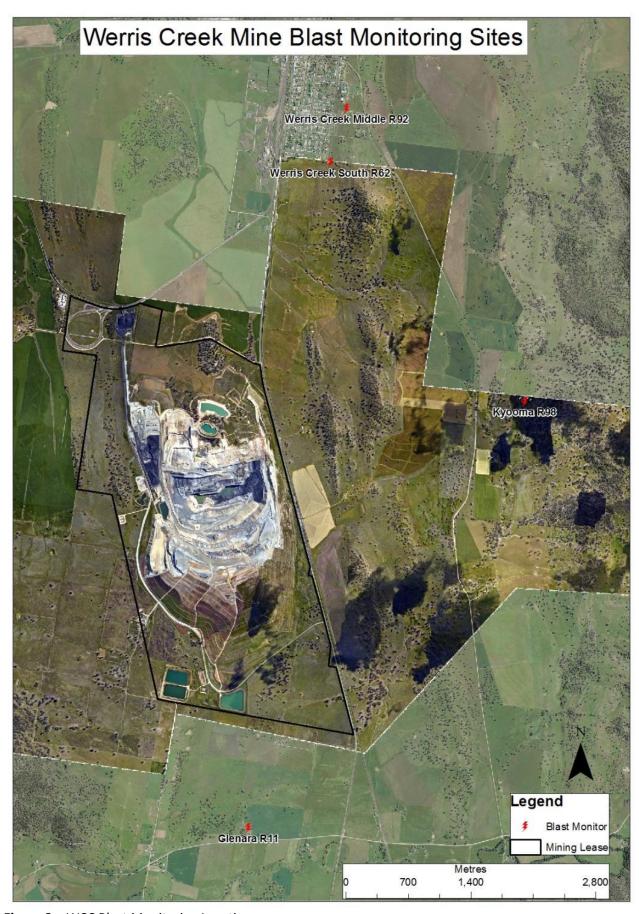


Figure 3 – WCC Blast Monitoring Locations

Werris Creek Coal Page 13 of 15

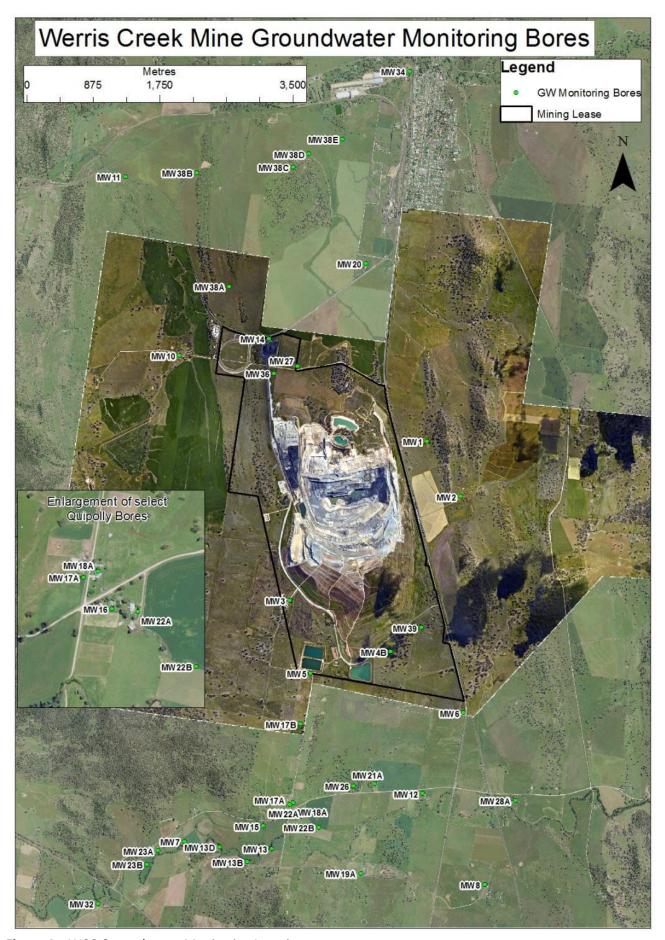


Figure 4 – WCC Groundwater Monitoring Locations

Werris Creek Coal Page 14 of 15



Figure 5 – WCC Surface Water Monitoring Locations

Werris Creek Coal Page 15 of 15