VICKERY COAL MINE – MONTHLY MONITORING SUMMARY

Site Information

EPL No: 21283
EPA Website Link: Vickery Coal Mine - Environmental Protection Licence
Licensee: Vickery Coal Pty Ltd
Licensee Address: Vickery Coal Mine, Blue Vale Road, BOGGABRI NSW 2382
EPL Monitoring Points: See Figure 1 below
Sampling Period: January 2026
Obtained Date: 3/02/2026
Publication Date: 13/02/2026

Name	Role	Signature	Date
Megan Martin	Environmental Superintendent	M. Martin	**12/2/26**

Table 1: Surface Water – No Pollutant Limits Apply

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Period	Date Sampled	Date of Max. Value Obtained	Min Value	Mean Value	Median Value	Max or Only Value	Comment/s
2	TSS	mg/L	Quarterly (Mar, Jun, Sep & Dec)	-	-	-	-	-	-	-	-
	Conductivity	µS/cm		-	-	-	-	-	-	-	
	Oil & Grease	mg/L		-	-	-	-	-	-	-	
	pH	pH		-	-	-	-	-	-	-	
3	TSS	mg/L	Quarterly (Mar, Jun, Sep & Dec)	-	-	-	-	-	-	-	-
	Conductivity	µS/cm							-		
	Oil & Grease	mg/L		-	-	-	-	-	-	-	
	pH	pH		-	-	-	-	-	-	-	
9	TSS	mg/L	Quarterly (Mar, Jun, Sep & Dec)	-	-	-	-	-	-	-	-
	Conductivity	µS/cm							-		
	Oil & Grease	mg/L		-	-	-	-	-	-	-	
	pH	pH		-	-	-	-	-	-	-	
10	TSS	mg/L	Upon discharge	-	-	-	-	-	-	-	-
	Conductivity	µS/cm		-	-	-	-	-	-	-	
	Oil & Grease	mg/L		-	-	-	-	-	-	-	
	pH	pH		-	-	-	-	-	-	-	

Table 2: Surface Water - Pollutant Limits Apply

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date of Max. Value Obtained	Min Value	Max or Only Value	100%ile Limit	Exceed -ance (Yes/ No)	Comment/s
14	TSS	mg/L	Upon discharge	-	-	-	-	-	50	-	-
	Conductivity	µS/cm							NA		
	Oil & Grease	mg/L		-	-	-	-	-	10	-	
	pH	pH		-	-	-	-	-	8.5	-	
20	TSS	mg/L	Upon discharge	-	-	-	-	-	50	-	-
	Conductivity	µS/cm							NA		
	Oil & Grease	mg/L		-	-	-	-	-	10	-	
	pH	pH		-	-	-	-	-	8.5	-	
21	TSS	mg/L	Upon discharge	-	-	-	-	-	50	-	-
	Conductivity	µS/cm		-	-	-	-	-	NA	-	
	Oil & Grease	mg/L		-	-	-	-	-	10	-	
	pH	pH		-	-	-	-	-	8.5	-	

Table 3: Groundwater – No Limits apply

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Period	Date Sampled	Date of Max. Value Obtained	Min Value	Mean Value	Median Value	Max or Only Value
15	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L		-	-	-	-	-	-	-
	pH	pH		-	-	-	-	-	-	-
	Standing Water Level	metres		-	-	-	-	-	-	-
16	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L		-	-	-	-	-	-	-
	pH	pH		-	-	-	-	-	-	-
	Standing Water Level	metres		-	-	-	-	-	-	-
17	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L		-	-	-	-	-	-	-
	pH	pH		-	-	-	-	-	-	-
	Standing Water Level	metres		-	-	-	-	-	-	-
18	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L		-	-	-	-	-	-	-
	pH	pH		-	-	-	-	-	-	-
	Standing Water Level	metres		-	-	-	-	-	-	-

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Period	Date Sampled	Date of Max. Value Obtained	Min Value	Mean Value	Median Value	Max or Only Value
19	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L		-	-	-	-	-	-	-
	pH	pH		-	-	-	-	-	-	-
	Standing Water Level	metres		-	-	-	-	-	-	-

Table 4 – Monthly Attended Noise Monitoring

(Noise Limits Apply - 40dB LAeq(15min) -Day, 37dB LAeq(15min) Evening and Night; 52dB LA1(1min) -Night)

Table 4 VCM Operational Noise Monitoring Results Leq(15min) – 22 January 2026 (Day)								
Location	**Time**	**dB(A), Leq**	**VCM Contribution dB(A),Leq**	**Criterion dB(A),Leq**	**Wind speed (m/s),dir**	**Stability Class**	**Identified Noise Sources dB(A),Leq**	**Exceedance (Yes/No)**
N-AT1 / 7	5:07 pm	35	23	40	1.7 / 187	C	Birds (35), **VCM (23)**	No
N-AT2 / 8	12:35 pm	37	<20	40	1.3 / 187	A	Traffic (37), Insects (26), **VCM (IA)**	No

Table 5 VCM Operational Noise Monitoring Results Leq(15min) – 22 January 2026 (Evening)								
Location	**Time**	**dB(A), Leq**	**VCM Contribution dB(A),Leq**	**Criterion dB(A),Leq**	**Wind speed (m/s),dir**	**Stability Class**	**Identified Noise Sources dB(A),Leq**	**Exceedance (Yes/No)**
N-AT1 / 7	8:36 pm	31	<20	35	1.9 / 65	E	Insects (29), Wind (24), **VCM (IA)**	No
N-AT2 / 8	9:41 pm	43	<20	37	2.2 / 59	D	Traffic (40), insects (40), **VCM (IA)**	No

Table 6 VCM Operational Noise Monitoring Results Leq(15min) – 22 January 2026 (Night)								
Location	**Time**	**dB(A), Leq**	**VCM Contribution dB(A),Leq**	**Criterion dB(A),Leq**	**Wind speed (m/s),dir**	**Stability Class**	**Identified Noise Sources dB(A),Leq**	**Exceedance (Yes/No)**
N-AT1 / 7	10:33 pm	41	<20	40*	3.5 / 25	E	Insects (40), wind (32), **VCM (IA)**	No
N-AT2 / 8	11:32 pm	46	<20	42*	3.3 / 9	E	Insects (46), Traffic (35), **VCM (IA)**	No

* Criterion increased by 5 dB due to meteorological conditions per Section 2.3.

Table 7 VCM Operational Noise Monitoring Results LA_{max} – 22 January 2026								
Location	**Time**	**dB(A), LA_{max}**	**VCM Contribution dB(A), LA_{max}**	**Criterion dB(A), LA_{max}**	**Wind speed (m/s),dir**	**Stability Class**	**LA_{max} Noise Source**	**Exceedance (Yes/No)**
N-AT1 / 7	10:33 pm	44	<20	52	3.5 / 25	E	Insects	No
N-AT2 / 8	11:32 pm	48	<20	52	3.3 / 9	E	Insects	No

Table 5 – Monthly Monitoring (Blasts – Limits Apply)

Location	Parameter	Units of Measure	Frequency	No. of Blasts for the Month	Average Value	Max Value	100%ile Limit	(Potential) Non-compliance /breach	Date of Max. Value Obtained
B-01	**Blast Noise**	**dB (Lin Peak)**	**Every Blast**	4	103.5	105.6	**133**	**Nil**	29/1/26
	Blast Vibration	**mm/s**	**Every Blast**	4	1.23	2.00	**10**	**Nil**	21/1/26

Location	Parameter	Units of Measure	Frequency	No. of Blasts for the Month	Average Value	Max Value	100%ile Limit	(Potential) Non-compliance /breach	Date of Max. Value Obtained
B-02	**Blast Noise**	**dB (Lin Peak)**	**Every Blast**	4	106.55	108.10	**N/A**	**Nil**	16/1/26
	Blast Vibration	**mm/s**	**Every Blast**	4	2.57	4.20	**80**	**Nil**	21/1/26

Location	Parameter	Units of Measure	Frequency	No. of Blasts for the Month	Average Value	Max Value	100%ile Limit	(Potential) Non-compliance /breach	Date of Max. Value Obtained
B-03	**Blast Noise**	**dB (Lin Peak)**	**Every Blast**	4	98.33	101.7	**120**	**Nil**	29/1/26
	Blast Vibration	**mm/s**	**Every Blast**	4	0.60	1.03	**10**	**Nil**	21/1/26

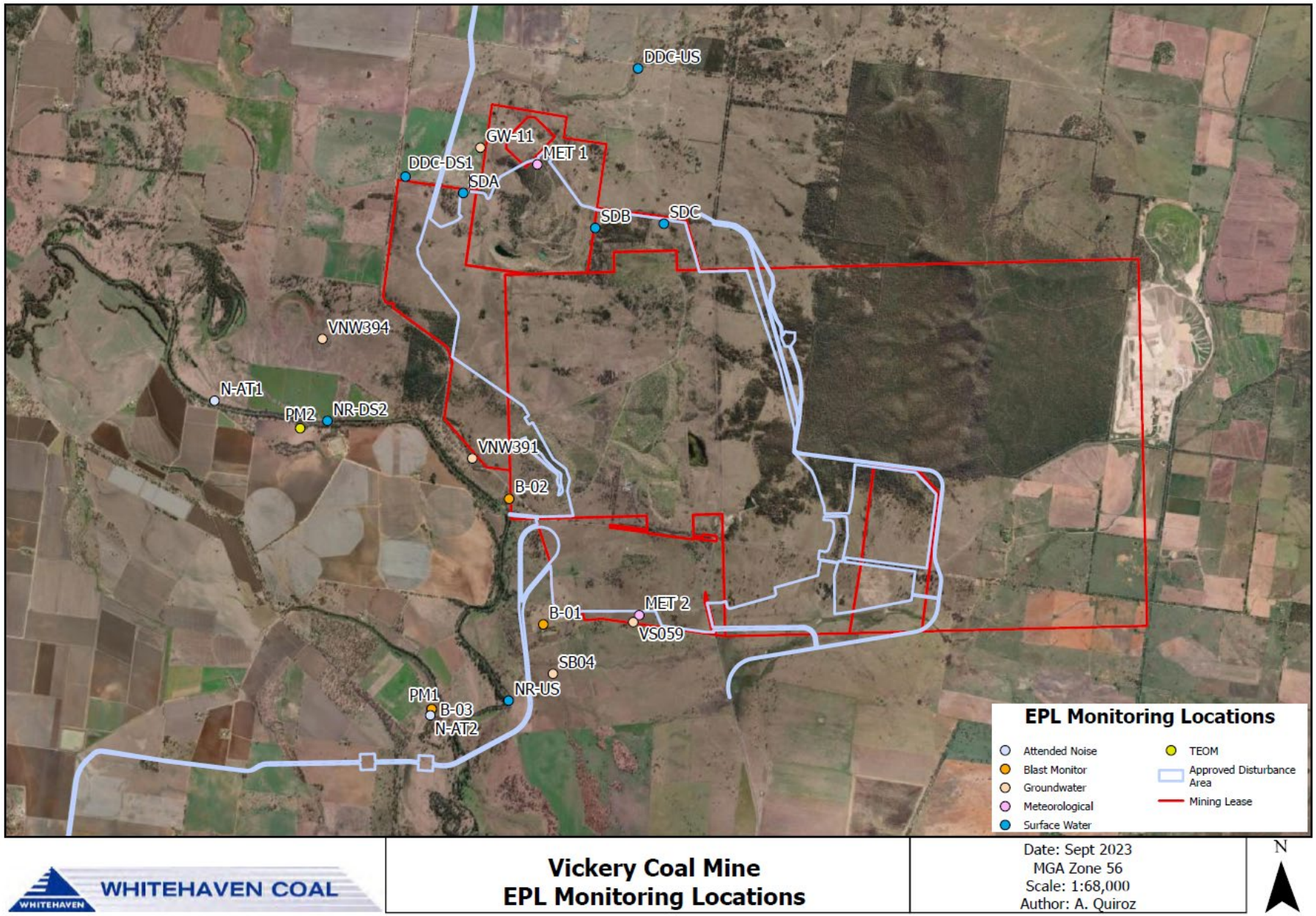
Table 6- PM1 Monthly Monitoring (Limits apply)

Location	No. of samples required by licence	Lowest sample value	Mean of sample	Highest sample value
PM10 TEOM (µg/m³)	Continuous	6.5	14.5	25.7
PM2.5 TEOM (µg/m³)	Continuous	2.7	5.4	7.9

Table 7- PM2 Monthly Monitoring (Limits apply)

Location	No. of samples required by licence	Lowest sample value	Mean of sample	Highest sample value
PM10 TEOM (µg/m³)	Continuous	7.0	14.6	26.8
PM2.5 TEOM (µg/m³)	Continuous	2.8	7.1	10.9

Figure 1 – EPL 21283 Monitoring Locations



Docusign Envelope ID: 27107B3B-949A-48BE-84E7-C67C279D5701

VICKERY COAL MINE – MONTHLY MONITORING SUMMARY

Site Information

EPL No: 21283
EPA Website Link: Vickery Coal Mine - Environmental Protection Licence
Licensee: Vickery Coal Pty Ltd
Licensee Address: Vickery Coal Mine, Blue Vale Road, BOGGABRI NSW 2382
EPL Monitoring Points: See Figure 1 below
Sampling Period: February 2026
Obtained Date: 17/03/2026
Publication Date: 18/03/2026

Name	Role	Signature	Date
Megan Martin	Environmental Superintendent	DocuSigned by: M. Martin 524CD8D3818B4C3...	20 March 2026

Docusign Envelope ID: 27107B3B-949A-48BE-84E7-C67C279D5701

Table 1: Surface Water – No Pollutant Limits Apply

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Period	Date Sampled	Date of Max. Value Obtained	Min Value	Mean Value	Median Value	Max or Only Value	Comment/s
2	TSS	mg/L	Quarterly (Mar, Jun, Sep & Dec)	-	-	-	-	-	-	-	-
	Conductivity	µS/cm		-	-	-	-	-	-	-	
	Oil & Grease	mg/L		-	-	-	-	-	-	-	
	pH	pH		-	-	-	-	-	-	-	
3	TSS	mg/L	Quarterly (Mar, Jun, Sep & Dec)	-	-	-	-	-	-	-	-
	Conductivity	µS/cm							-		
	Oil & Grease	mg/L		-	-	-	-	-	-	-	
	pH	pH		-	-	-	-	-	-	-	
9	TSS	mg/L	Quarterly (Mar, Jun, Sep & Dec)	-	-	-	-	-	-	-	-
	Conductivity	µS/cm							-		
	Oil & Grease	mg/L		-	-	-	-	-	-	-	
	pH	pH		-	-	-	-	-	-	-	
10	TSS	mg/L	Upon discharge	-	-	-	-	-	-	-	-
	Conductivity	µS/cm		-	-	-	-	-	-	-	
	Oil & Grease	mg/L		-	-	-	-	-	-	-	
	pH	pH		-	-	-	-	-	-	-	

Docusign Envelope ID: 27107B3B-949A-48BE-84E7-C67C279D5701

Table 2: Surface Water - Pollutant Limits Apply

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date of Max. Value Obtained	Min Value	Max or Only Value	100%ile Limit	Exceed -ance (Yes/ No)	Comment/s
14	TSS	mg/L	Upon discharge	-	-	-	-	-	50	-	-
	Conductivity	µS/cm							NA		
	Oil & Grease	mg/L		-	-	-	-	-	10	-	
	pH	pH		-	-	-	-	-	8.5	-	
20	TSS	mg/L	Upon discharge	-	-	-	-	-	50	-	-
	Conductivity	µS/cm							NA		
	Oil & Grease	mg/L		-	-	-	-	-	10	-	
	pH	pH		-	-	-	-	-	8.5	-	
21	TSS	mg/L	Upon discharge	-	-	-	-	-	50	-	-
	Conductivity	µS/cm		-	-	-	-	-	NA	-	
	Oil & Grease	mg/L		-	-	-	-	-	10	-	
	pH	pH		-	-	-	-	-	8.5	-	

Docusign Envelope ID: 27107B3B-949A-48BE-84E7-C67C279D5701

Table 3: Groundwater – No Limits apply

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Period	Date Sampled	Date of Max. Value Obtained	Min Value	Mean Value	Median Value	Max or Only Value
15	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L		-	-	-	-	-	-	-
	pH	pH		-	-	-	-	-	-	-
	Standing Water Level	metres		-	-	-	-	-	-	-
16	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L		-	-	-	-	-	-	-
	pH	pH		-	-	-	-	-	-	-
	Standing Water Level	metres		-	-	-	-	-	-	-
17	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L		-	-	-	-	-	-	-
	pH	pH		-	-	-	-	-	-	-
	Standing Water Level	metres		-	-	-	-	-	-	-
18	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L		-	-	-	-	-	-	-
	pH	pH		-	-	-	-	-	-	-
	Standing Water Level	metres		-	-	-	-	-	-	-

Docusign Envelope ID: 27107B3B-949A-48BE-84E7-C67C279D5701

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Period	Date Sampled	Date of Max. Value Obtained	Min Value	Mean Value	Median Value	Max or Only Value
19	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L		-	-	-	-	-	-	-
	pH	pH		-	-	-	-	-	-	-
	Standing Water Level	metres		-	-	-	-	-	-	-

Docusign Envelope ID: 27107B3B-949A-48BE-84E7-C67C279D5701

Table 4 – Monthly Attended Noise Monitoring

(Noise Limits Apply - 40dB LAeq(15min) -Day, 37dB LAeq(15min) Evening and Night; 52dB LA1(1min) -Night)

Table 4 **VCM Operational Noise Monitoring Results Leq(15min) – 18 February 2026 (Day)**								
Location	**Time**	**dB(A), Leq**	**VCM Contribution dB(A),Leq**	**Criterion dB(A),Leq**	**Wind speed (m/s),dir**	**Stability Class**	**Identified Noise Sources dB(A),Leq**	**Exceedance (Yes/No)**
N-AT1 / 7	5:42 pm	34	<20	40	2.4 / 308	D	Birds (33), traffic (25), **VCM (IA)**	No
N-AT2 / 8	4:47 pm	37	<20	40	2.5 / 307	D	Insects (35), Traffic (31), **VCM (IA)**	No
Table 5 **VCM Operational Noise Monitoring Results Leq(15min) – 18 February 2026 (Evening)**								
Location	**Time**	**dB(A), Leq**	**VCM Contribution dB(A),Leq**	**Criterion dB(A),Leq**	**Wind speed (m/s),dir**	**Stability Class**	**Identified Noise Sources dB(A),Leq**	**Exceedance (Yes/No)**
N-AT1 / 7	6:00 pm	30	<20	35	2.5 / 311	D	Birds (28), Wind (24), **VCM (IA)**	No
N-AT2 / 8	7:01 pm	44	<20	37	2.7 / 344	D	Birds (41), traffic (40), **VCM (IA)**	No

Docusign Envelope ID: 27107B3B-949A-48BE-84E7-C67C279D5701

Table 6

VCM Operational Noise Monitoring Results Leq(15min) – 18 February 2026 (Night)

Location	Time	dB(A), Leq	VCM Contribution dB(A),Leq	Criterion dB(A),Leq	Wind speed (m/s),dir	Stability Class	Identified Noise Sources dB(A),Leq	Exceedance (Yes/No)
N-AT1 / 7	10:04 pm	46	<20	35	2.3 / 3	E	Insects (46), cattle (27), **VCM (IA)**	No
N-AT2 / 8	10:55 pm	40	<20	37	2.7 / 351	D	Traffic (38), Insects (35), **VCM (IA)**	No

Table 7

VCM Operational Noise Monitoring Results LA_{max} – 18 February 2026

Location	Time	dB(A), LA_{max}	VCM Contribution dB(A), LA_{max}	Criterion dB(A), LA_{max}	Wind speed (m/s),dir	Stability Class	LA_{max} Noise Source	Exceedance (Yes/No)
N-AT1 / 7	10:04 pm	55	<20	52	2.3 / 3	E	Insects	No
N-AT2 / 8	10:55 pm	52	<20	52	2.7 / 351	D	Traffic	No

Docusign Envelope ID: 27107B3B-949A-48BE-84E7-C67C279D5701

Table 5 – Monthly Monitoring (Blasts – Limits Apply)

Location	Parameter	Units of Measure	Frequency	No. of Blasts for the Month	Average Value	Max Value	100%ile Limit	(Potential) Non-compliance /breach	Date of Max. Value Obtained
B-01	Blast Noise	dB (Lin Peak)	Every Blast	4	102.8	107.60	133	Nil	23/02/2026
	Blast Vibration	mm/s	Every Blast	4	0.80	1.35	10	Nil	5/02/2026

Location	Parameter	Units of Measure	Frequency	No. of Blasts for the Month	Average Value	Max Value	100%ile Limit	(Potential) Non-compliance /breach	Date of Max. Value Obtained
B-02	Blast Noise	dB (Lin Peak)	Every Blast	4	104.13	110.10	N/A	N/A	23/02/2026
	Blast Vibration	mm/s	Every Blast	4	1.78	3.28	80	N/A	5/02/2026

Location	Parameter	Units of Measure	Frequency	No. of Blasts for the Month	Average Value	Max Value	100%ile Limit	(Potential) Non-compliance /breach	Date of Max. Value Obtained
B-03	Blast Noise	dB (Lin Peak)	Every Blast	4	94.88	100.30	120	N/A	23/02/2026
	Blast Vibration	mm/s	Every Blast	4	0.63	0.84	10	N/A	23/02/2026

Docusign Envelope ID: 27107B3B-949A-48BE-84E7-C67C279D5701

Table 6- PM1 Monthly Monitoring (Limits apply)

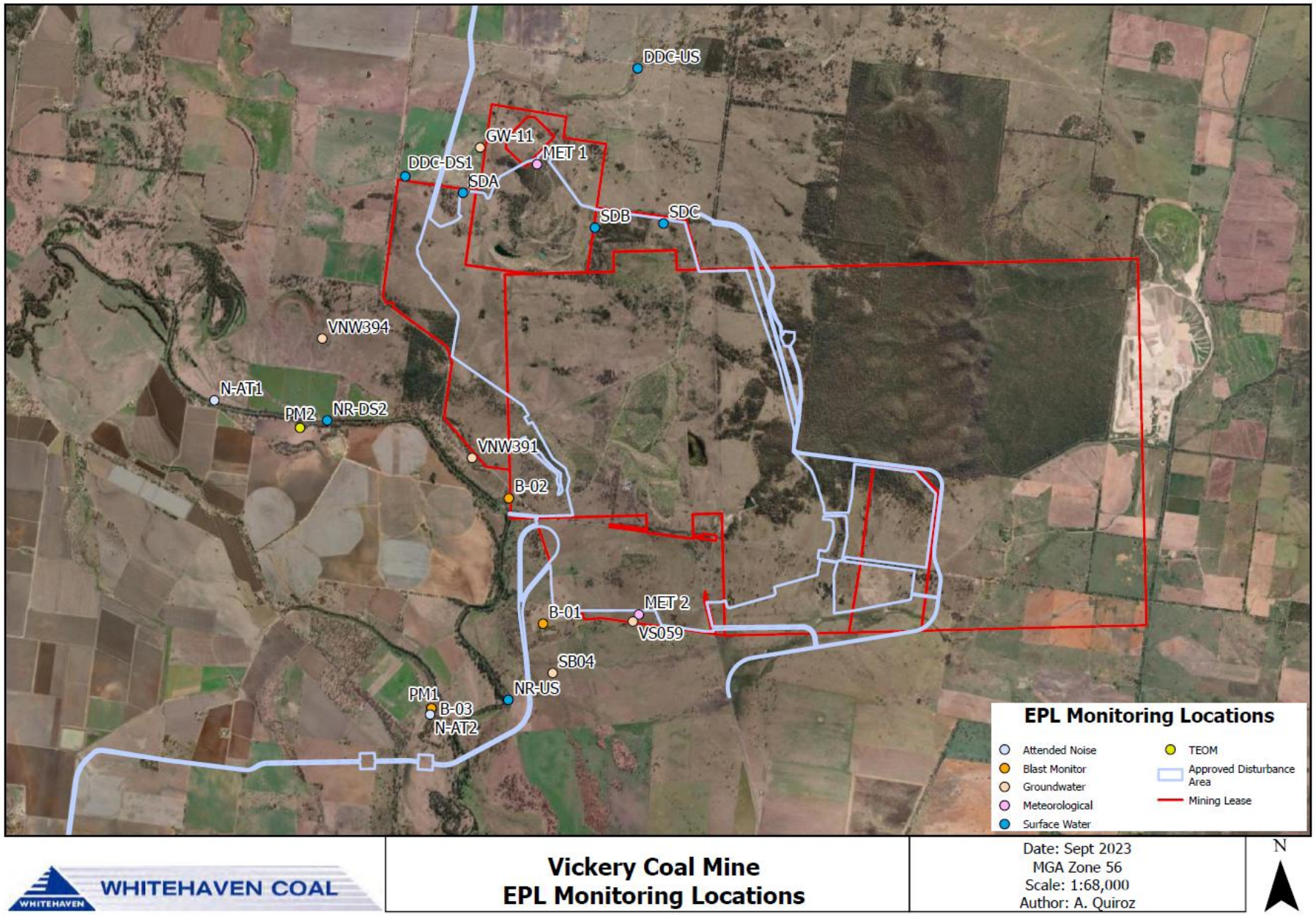
Location	No. of samples required by licence	Lowest sample value	Mean of sample	Highest sample value
PM10 TEOM (µg/m³)	Continuous	3.1	13.5	31.1
PM2.5 TEOM (µg/m³)	Continuous	0.3	4.9	11.2

Table 7- PM2 Monthly Monitoring (Limits apply)

Location	No. of samples required by licence	Lowest sample value	Mean of sample	Highest sample value
PM10 TEOM (µg/m³)	Continuous	6.3	12.9	23.7
PM2.5 TEOM (µg/m³)	Continuous	1.4	5.7	12.3

Docusign Envelope ID: 27107B3B-949A-48BE-84E7-C67C279D5701

Figure 1 – EPL 21283 Monitoring Locations



Docusign Envelope ID: 03485B92-1FE1-475B-A3A4-F68E2B0B3153

VICKERY COAL MINE – MONTHLY MONITORING SUMMARY

Site Information

EPL No: 21283
EPA Website Link: Vickery Coal Mine - Environmental Protection Licence
Licensee: Vickery Coal Pty Ltd
Licensee Address: Vickery Coal Mine, Blue Vale Road, BOGGABRI NSW 2382
EPL Monitoring Points: See Figure 1 below
Sampling Period: March 2026
Obtained Date: 20/04/2026
Publication Date: 21/04/2026

Name	Role	Signature	Date
Megan Martin	Environmental Superintendent	DocuSigned by: M. Martin 524CD8D3818B4C3...	21/04/2026

Docusign Envelope ID: 03485B92-1FE1-475B-A3A4-F68E2B0B3153

Table 1: Surface Water – No Pollutant Limits Apply

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Period	Date Sampled	Date of Max. Value Obtained	Min Value	Mean Value	Median Value	Max or Only Value	Comment/s
2	TSS	mg/L	Quarterly (Mar, Jun, Sep & Dec)	0	-	-	-	-	-	-	Creek not flowing
	Conductivity	µS/cm			-	-	-	-	-	-	
	Oil & Grease	mg/L			-	-	-	-	-	-	
	pH	pH			-	-	-	-	-	-	
3	TSS	mg/L	Quarterly (Mar, Jun, Sep & Dec)	0	-	-	-	-	-	-	Creek not flowing
	Conductivity	µS/cm							-		
	Oil & Grease	mg/L			-	-	-	-	-	-	
	pH	pH			-	-	-	-	-	-	
9	TSS	mg/L	Quarterly (Mar, Jun, Sep & Dec)	1	17/03/2026	25/03/2026	-	-	-	47	-
	Conductivity	µS/cm					-	-	-	428	
	Oil & Grease	mg/L					-	-	-	<5	
	pH	pH					-	-	-	8	
10	TSS	mg/L	Upon discharge	-	-	-	-	-	-	-	-
	Conductivity	µS/cm		-	-	-	-	-	-	-	
	Oil & Grease	mg/L		-	-	-	-	-	-	-	
	pH	pH		-	-	-	-	-	-	-	

Docusign Envelope ID: 03485B92-1FE1-475B-A3A4-F68E2B0B3153

Table 2: Surface Water - Pollutant Limits Apply

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date of Max. Value Obtained	Min Value	Max or Only Value	100%ile Limit	Exceed -ance (Yes/ No)	Comment/s
14	TSS	mg/L	Upon discharge	-	-	-	-	-	50	-	-
	Conductivity	µS/cm							NA		
	Oil & Grease	mg/L		-	-	-	-	-	10	-	
	pH	pH		-	-	-	-	-	8.5	-	
20	TSS	mg/L	Upon discharge	-	-	-	-	-	50	-	-
	Conductivity	µS/cm							NA		
	Oil & Grease	mg/L		-	-	-	-	-	10	-	
	pH	pH		-	-	-	-	-	8.5	-	
21	TSS	mg/L	Upon discharge	-	-	-	-	-	50	-	-
	Conductivity	µS/cm		-	-	-	-	-	NA	-	
	Oil & Grease	mg/L		-	-	-	-	-	10	-	
	pH	pH		-	-	-	-	-	8.5	-	

Docusign Envelope ID: 03485B92-1FE1-475B-A3A4-F68E2B0B3153

Table 3: Groundwater – No Limits apply

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Period	Date Sampled	Date of Max. Value Obtained	Min Value	Mean Value	Median Value	Max or Only Value
15	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L		-	-	-	-	-	-	-
	pH	pH		-	-	-	-	-	-	-
	Standing Water Level	metres		-	-	-	-	-	-	-
16	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L		-	-	-	-	-	-	-
	pH	pH		-	-	-	-	-	-	-
	Standing Water Level	metres		-	-	-	-	-	-	-
17	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L		-	-	-	-	-	-	-
	pH	pH		-	-	-	-	-	-	-
	Standing Water Level	metres		-	-	-	-	-	-	-
18	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L		-	-	-	-	-	-	-
	pH	pH		-	-	-	-	-	-	-
	Standing Water Level	metres		-	-	-	-	-	-	-

Docusign Envelope ID: 03485B92-1FE1-475B-A3A4-F68E2B0B3153

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Period	Date Sampled	Date of Max. Value Obtained	Min Value	Mean Value	Median Value	Max or Only Value
19	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L		-	-	-	-	-	-	-
	pH	pH		-	-	-	-	-	-	-
	Standing Water Level	metres		-	-	-	-	-	-	-

Docusign Envelope ID: 03485B92-1FE1-475B-A3A4-F68E2B0B3153

Table 4 – Monthly Attended Noise Monitoring

(Noise Limits Apply - 40dB LAeq(15min) -Day, 37dB LAeq(15min) Evening and Night; 52dB LA1(1min) -Night)

Table 4

VCM Operational Noise Monitoring Results Leq(15min) – 30 March 2026 (Day)

Location	Time	dB(A), Leq	VCM Contribution dB(A),Leq	Criterion dB(A),Leq	Wind speed (m/s),dir	Stability Class	Identified Noise Sources dB(A),Leq	Exceedance (Yes/No)
N-AT1 / 7	4:16 pm	37	<20	40	2.7 / 133	C	Insects (35), Birds (33), **VCM (IA)**	No
N-AT2 / 8	5:14 pm	41	<20	40	2.1 / 136	B	Traffic (40), wind (32), **VCM (IA)**	No

Table 5

VCM Operational Noise Monitoring Results Leq(15min) – 30 March 2026 (Evening)

Location	Time	dB(A), Leq	VCM Contribution dB(A),Leq	Criterion dB(A),Leq	Wind speed (m/s),dir	Stability Class	Identified Noise Sources dB(A),Leq	Exceedance (Yes/No)
N-AT1 / 7	9:10 pm	38	<20	35	2.9 / 140	D	Insects (37), **VCM (28)**	No
N-AT2 / 8	8:16 pm	42	<20	37	2.4 / 135	D	Traffic (40), insects (38), **VCM (IA)**	No

Docusign Envelope ID: 03485B92-1FE1-475B-A3A4-F68E2B0B3153

Table 6

VCM Operational Noise Monitoring Results Leq(15min) – 30 March 2026 (Night)

Location	Time	dB(A), Leq	VCM Contribution dB(A),Leq	Criterion dB(A),Leq	Wind speed (m/s),dir	Stability Class	Identified Noise Sources dB(A),Leq	Exceedance (Yes/No)
N-AT1 / 7	10:05 pm	39	<20	40*	3.8 / 146	D	Insects (37), wind (34), **VCM (29)**	No
N-AT2 / 8	11:00 pm	36	<20	42*	3.8 / 147	E	Traffic (35), Insects (25), **VCM (IA)**	No

Table 7

VCM Operational Noise Monitoring Results LA_{max} – 30 March 2026

Location	Time	dB(A), LA_{max}	VCM Contribution dB(A), LA_{max}	Criterion dB(A), LA_{max}	Wind speed (m/s),dir	Stability Class	LA_{max} Noise Source	Exceedance (Yes/No)
N-AT1 / 7	10:05 pm	52	31	52	3.8 / 146	D	Bird	No
N-AT2 / 8	11:00 pm	53	<20	52	3.8 / 147	E	Traffic	No

Docusign Envelope ID: 03485B92-1FE1-475B-A3A4-F68E2B0B3153

Table 5 – Monthly Monitoring (Blasts – Limits Apply)

Location	Parameter	Units of Measure	Frequency	No. of Blasts for the Month	Average Value	Max Value	100%ile Limit	(Potential) Non-compliance /breach	Date of Max. Value Obtained
B-01	Blast Noise	dB (Lin Peak)	Every Blast	4	100.4	106.70	133	Nil	13/03/2026
	Blast Vibration	mm/s	Every Blast	4	1.24	1.72	10	Nil	13/03/2026

Location	Parameter	Units of Measure	Frequency	No. of Blasts for the Month	Average Value	Max Value	100%ile Limit	(Potential) Non-compliance /breach	Date of Max. Value Obtained
B-02	Blast Noise	dB (Lin Peak)	Every Blast	4	103.13	107.80	N/A	N/A	31/03/2026
	Blast Vibration	mm/s	Every Blast	4	3.51	5.04	80	N/A	13/03/2026

Location	Parameter	Units of Measure	Frequency	No. of Blasts for the Month	Average Value	Max Value	100%ile Limit	(Potential) Non-compliance /breach	Date of Max. Value Obtained
B-03	Blast Noise	dB (Lin Peak)	Every Blast	4	94.70	105.20	120	N/A	13/03/2026
	Blast Vibration	mm/s	Every Blast	4	0.81	1.11	10	N/A	13/03/2026

Docusign Envelope ID: 03485B92-1FE1-475B-A3A4-F68E2B0B3153

Table 6- PM1 Monthly Monitoring (Limits apply)

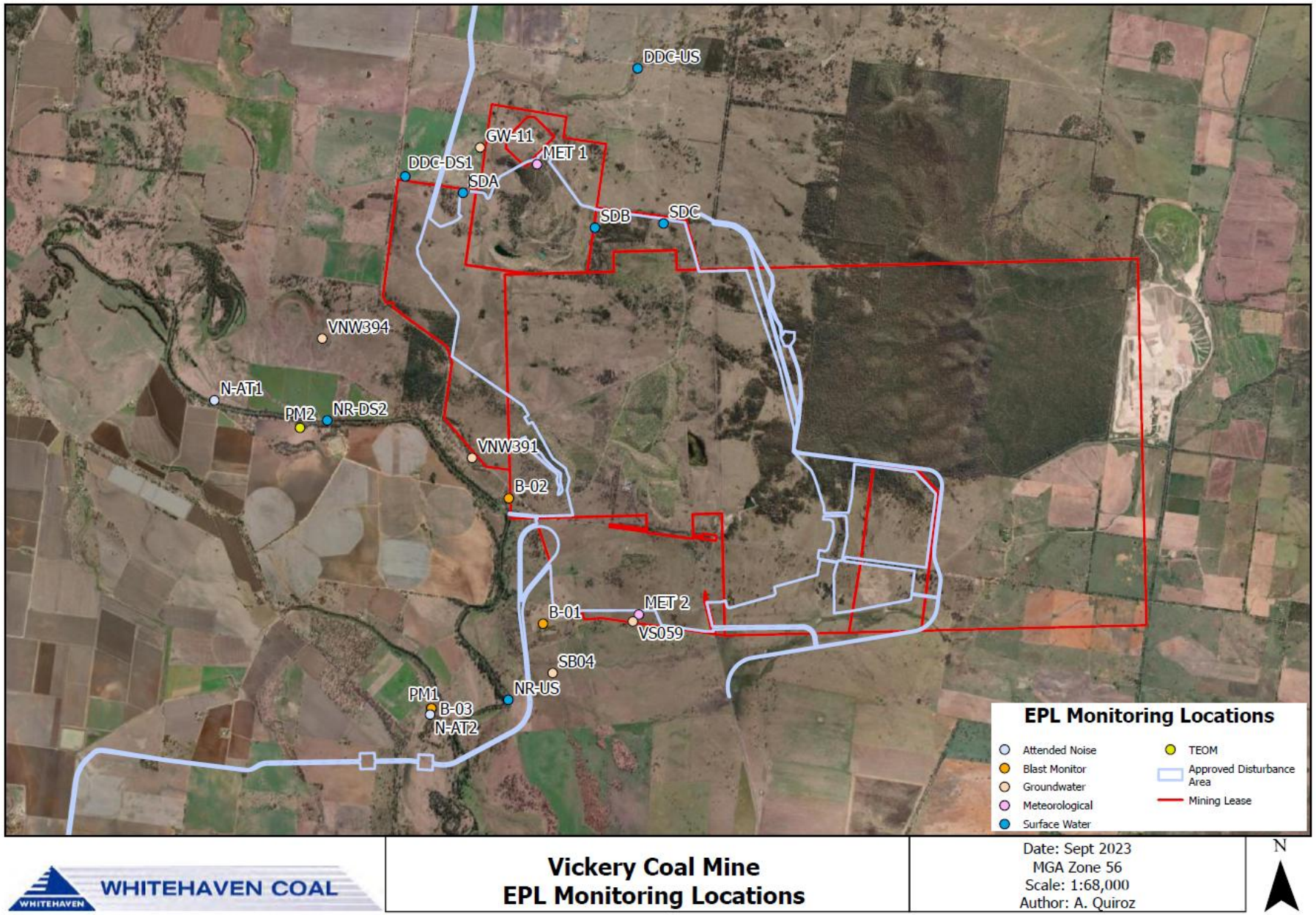
Location	No. of samples required by licence	Lowest sample value	Mean of sample	Highest sample value
PM10 TEOM (µg/m³)	Continuous	4.4	13	35.8
PM2.5 TEOM (µg/m³)	Continuous	1.3	3.7	7.9

Table 7- PM2 Monthly Monitoring (Limits apply)

Location	No. of samples required by licence	Lowest sample value	Mean of sample	Highest sample value
PM10 TEOM (µg/m³)	Continuous	4.2	14.4	33
PM2.5 TEOM (µg/m³)	Continuous	1.3	6.8	23.1

Docusign Envelope ID: 03485B92-1FE1-475B-A3A4-F68E2B0B3153

Figure 1 – EPL 21283 Monitoring Locations



VICKERY COAL MINE – MONTHLY MONITORING SUMMARY

Site Information

EPL No: 21283
EPA Website Link: Vickery Coal Mine - Environmental Protection Licence
Licensee: Vickery Coal Pty Ltd
Licensee Address: Vickery Coal Mine, Blue Vale Road, BOGGABRI NSW 2382
EPL Monitoring Points: See Figure 1 below
Sampling Period: April 2026
Obtained Date: 19/05/2026
Publication Date: 27/05/2026

Table 1: Surface Water – No Pollutant Limits Apply

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Period	Date Sampled	Date of Max. Value Obtained	Min Value	Mean Value	Median Value	Max or Only Value	Comment/s
2	TSS	mg/L	Quarterly (Mar, Jun, Sep & Dec)	-	-	-	-	-	-	-	-
	Conductivity	µS/cm					-	-	-	-	
	Oil & Grease	mg/L					-	-	-	-	
	pH	pH					-	-	-	-	
3	TSS	mg/L	Quarterly (Mar, Jun, Sep & Dec)	-	-	-	-	-	-	-	-
	Conductivity	µS/cm							-		
	Oil & Grease	mg/L					-	-	-	-	
	pH	pH					-	-	-	-	
9	TSS	mg/L	Quarterly (Mar, Jun, Sep & Dec)	-	-	-	-	-	-	-	-
	Conductivity	µS/cm					-	-	-	-	
	Oil & Grease	mg/L					-	-	-	-	
	pH	pH					-	-	-	-	
10	TSS	mg/L	Upon discharge	-	-	-	-	-	-	-	
	Conductivity	µS/cm					-	-	-	-	
	Oil & Grease	mg/L					-	-	-	-	
	pH	pH					-	-	-	-	

Table 2: Surface Water - Pollutant Limits Apply

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date of Max. Value Obtained	Min Value	Max or Only Value	100%ile Limit	Exceed -ance (Yes/ No)	Comment/s
14	TSS	mg/L	Upon discharge	-	-	-	-	-	50	-	-
	Conductivity	µS/cm							NA		
	Oil & Grease	mg/L		-	-	-	-	-	10	-	
	pH	pH		-	-	-	-	-	8.5	-	
20	TSS	mg/L	Upon discharge	-	-	-	-	-	50	-	-
	Conductivity	µS/cm							NA		
	Oil & Grease	mg/L		-	-	-	-	-	10	-	
	pH	pH		-	-	-	-	-	8.5	-	
21	TSS	mg/L	Upon discharge	-	-	-	-	-	50	-	-
	Conductivity	µS/cm		-	-	-	-	-	NA	-	
	Oil & Grease	mg/L		-	-	-	-	-	10	-	
	pH	pH		-	-	-	-	-	8.5	-	

Table 3: Groundwater – No Limits apply

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Period	Date Sampled	Date of Max. Value Obtained	Min Value	Mean Value	Median Value	Max or Only Value
15	Conductivity	µS/cm	Six Monthly (April & Oct)	1	07/04/2026	23/04/2026	-	-	-	5500
	Lead	mg/L					-	-	-	< 0.001
	pH	pH					-	-	-	7.71
	Standing Water Level	metres					-	-	-	6.75
16	Conductivity	µS/cm	Six Monthly (April & Oct)	1	07/04/2026	23/04/2026	-	-	-	2560
	Lead	mg/L					-	-	-	< 0.001
	pH	pH					-	-	-	7.64
	Standing Water Level	metres					-	-	-	7.91
17	Conductivity	µS/cm	Six Monthly (April & Oct)	1	01/04/2026	23/04/2026	-	-	-	3560
	Lead	mg/L					-	-	-	< 0.001
	pH	pH					-	-	-	7.99
	Standing Water Level	metres					-	-	-	8.47
18	Conductivity	µS/cm	Six Monthly (April & Oct)	1	01/04/2026	23/04/2026	-	-	-	2060
	Lead	mg/L					-	-	-	< 0.001
	pH	pH					-	-	-	7.65
	Standing Water Level	metres					-	-	-	7.94
19	Conductivity	µS/cm	Six Monthly (April & Oct)	1	08/04/2026	23/04/2026	-	-	-	4520
	Lead	mg/L					-	-	-	< 0.001
	pH	pH					-	-	-	6.5
	Standing Water Level	metres					-	-	-	16.39

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Period	Date Sampled	Date of Max. Value Obtained	Min Value	Mean Value	Median Value	Max or Only Value
22	Conductivity	µS/cm	Six Monthly (April & Oct)	1	08/04/2026	23/04/2026	-	-	-	24600
	Lead	mg/L					-	-	-	< 0.001
	pH	pH					-	-	-	7.34
	Standing Water Level	metres					-	-	-	12.38

Table 4 – Monthly Attended Noise Monitoring

(Noise Limits Apply - 40dB LAeq(15min) -Day, 37dB LAeq(15min) Evening and Night; 52dB LA1(1min) -Night)

Table 4

VCM Operational Noise Monitoring Results Leq(15min) – 21 April 2026 (Day)

Location	Time	dB(A), Leq	VCM Contribution dB(A),Leq	Criterion dB(A),Leq	Wind speed (m/s),dir	Stability Class	Identified Noise Sources dB(A),Leq	Exceedance (Yes/No)
N-AT1 / 7	4:58 pm	40	<20	45*	6.4 / 158	D	Birds (40), dog (30), **VCM (IA)**	No
N-AT2 / 8	5:49 pm	45	<20	40	5.9 / 172	D	Traffic (44), wind (35), **VCM (IA)**	No

Table 5

VCM Operational Noise Monitoring Results Leq(15min) – 21/22* April 2026 (Evening)

Location	Time	dB(A), Leq	VCM Contribution dB(A),Leq	Criterion dB(A),Leq	Wind speed (m/s),dir	Stability Class	Identified Noise Sources dB(A),Leq	Exceedance (Yes/No)
N-AT1 / 7	8:24 pm	43	<25	40#	4.7 / 140	D	Wind (42), traffic (31), **VCM (<25)**	No
N-AT2 / 8	9:32 pm	39	<20	42#	4.7 / 136	D	Traffic (37), wind (32), **VCM (IA)**	No

Table 6

VCM Operational Noise Monitoring Results Leq(15min) – 22 April 2026 (Night)

Location	Time	dB(A), Leq	VCM Contribution dB(A),Leq	Criterion dB(A),Leq	Wind speed (m/s),dir	Stability Class	Identified Noise Sources dB(A),Leq	Exceedance (Yes/No)
N-AT1 / 7	11:04 pm	35	22	40*	3.9 / 129	E	Wind (33), traffic (28), **VCM (22)**	No
N-AT2 / 8	10:01 pm	39	<20	42*	4.8 / 138	D	Insects (37), traffic (33), **VCM (IA)**	No

Table 7

VCM Operational Noise Monitoring Results LA_{max} – 22 April 2026

Location	Time	dB(A), LA_{max}	VCM Contribution dB(A), LA_{max}	Criterion dB(A), LA_{max}	Wind speed (m/s),dir	Stability Class	LA_{max} Noise Source	Exceedance (Yes/No)
N-AT1 / 7	11:04 pm	56	<30	52	3.9 / 129	E	Bird	No
N-AT2 / 8	10:01 pm	57	<20	52	4.8 / 138	D	Insects	No

Table 5 – Monthly Monitoring (Blasts – Limits Apply)

Location	Parameter	Units of Measure	Frequency	No. of Blasts for the Month	Average Value	Max Value	100%ile Limit	(Potential) Non-compliance /breach	Date of Max. Value Obtained
B-01	**Blast Noise**	**dB (Lin Peak)**	**Every Blast**	5	103.1	109.20	**133**	**Nil**	30/04/2026
	Blast Vibration	**mm/s**	**Every Blast**	5	0.80	1.27	**10**	**Nil**	13/04/2026

Location	Parameter	Units of Measure	Frequency	No. of Blasts for the Month	Average Value	Max Value	100%ile Limit	(Potential) Non-compliance /breach	Date of Max. Value Obtained
B-02	**Blast Noise**	**dB (Lin Peak)**	**Every Blast**	5	104.90	114.00	**N/A**	**N/A**	30/04/2026
	Blast Vibration	**mm/s**	**Every Blast**	5	2.76	4.03	**80**	**N/A**	15/04/2026

Location	Parameter	Units of Measure	Frequency	No. of Blasts for the Month	Average Value	Max Value	100%ile Limit	(Potential) Non-compliance /breach	Date of Max. Value Obtained
B-03	**Blast Noise**	**dB (Lin Peak)**	**Every Blast**	5	95.16	100.80	**120**	**N/A**	30/04/2026
	Blast Vibration	**mm/s**	**Every Blast**	5	0.45	0.78	**10**	**N/A**	13/04/2026

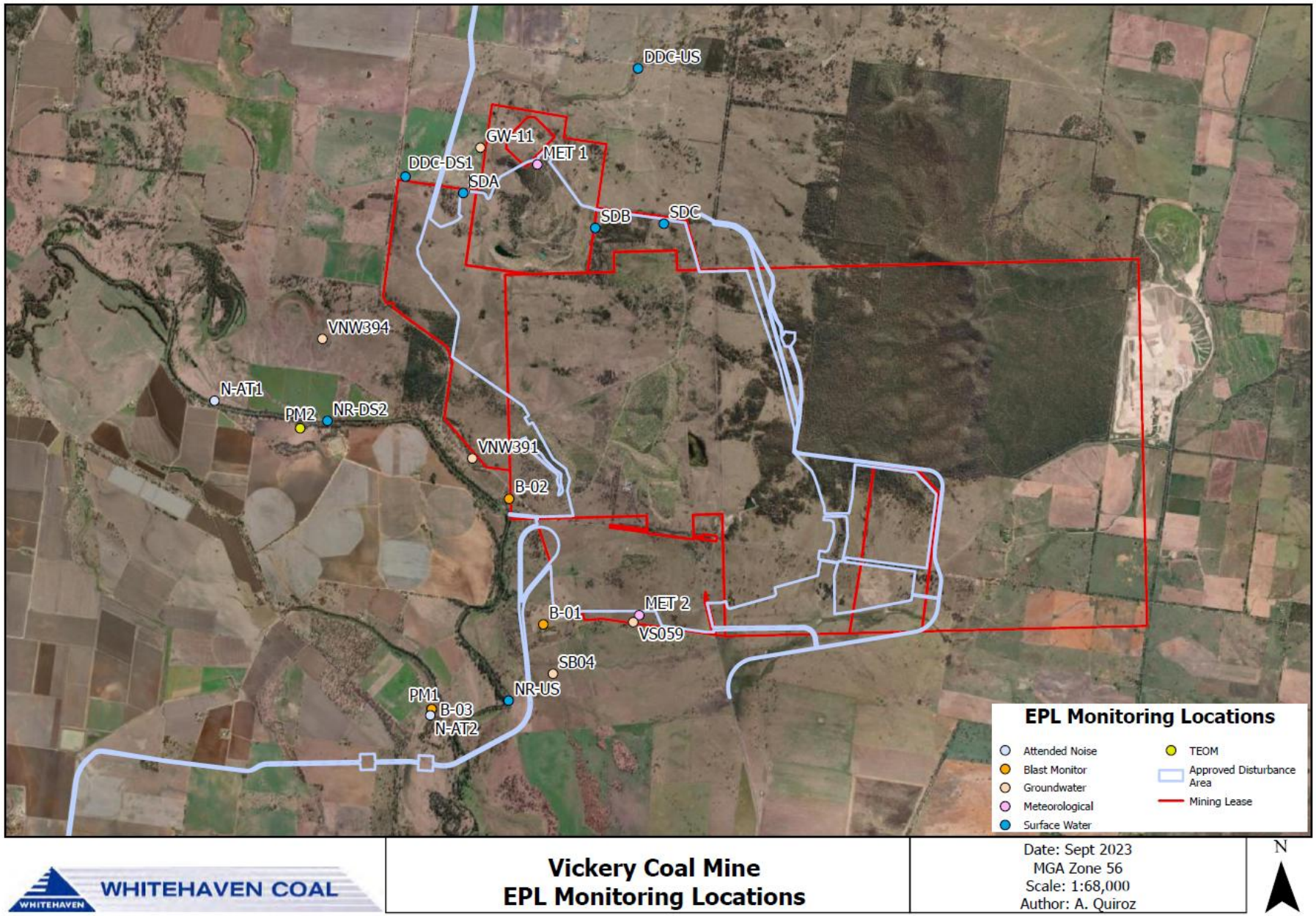
Table 6- PM1 Monthly Monitoring (Limits apply)

Location	No. of samples required by licence	Lowest sample value	Mean of sample	Highest sample value
PM10 TEOM (µg/m³)	Continuous	6	17	47.3
47.3PM2.5 TEOM (µg/m³)	Continuous	0.9	4.2	7

Table 7- PM2 Monthly Monitoring (Limits apply)

Location	No. of samples required by licence	Lowest sample value	Mean of sample	Highest sample value
PM10 TEOM (µg/m³)	Continuous	7.1	16.8	36.2
PM2.5 TEOM (µg/m³)	Continuous	1.2	5.5	9.5

Figure 1 – EPL 21283 Monitoring Locations



VICKERY COAL MINE – MONTHLY MONITORING SUMMARY

Site Information

EPL No: 21283
EPA Website Link: Vickery Coal Mine - Environmental Protection Licence
Licensee: Vickery Coal Pty Ltd
Licensee Address: Vickery Coal Mine, Blue Vale Road, BOGGABRI NSW 2382
EPL Monitoring Points: See Figure 1 below
Sampling Period: May 2026
Obtained Date: 19/06/2026
Publication Date: 19/06/2026

Table 1: Surface Water – No Pollutant Limits Apply

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Period	Date Sampled	Date of Max. Value Obtained	Min Value	Mean Value	Median Value	Max or Only Value	Comment/s
2	TSS	mg/L	Quarterly (Mar, Jun, Sep & Dec)	-	-	-	-	-	-	-	-
	Conductivity	µS/cm					-	-	-	-	
	Oil & Grease	mg/L					-	-	-	-	
	pH	pH					-	-	-	-	
3	TSS	mg/L	Quarterly (Mar, Jun, Sep & Dec)	-	-	-	-	-	-	-	-
	Conductivity	µS/cm							-		
	Oil & Grease	mg/L					-	-	-	-	
	pH	pH					-	-	-	-	
9	TSS	mg/L	Quarterly (Mar, Jun, Sep & Dec)	-	-	-	-	-	-	-	-
	Conductivity	µS/cm					-	-	-	-	
	Oil & Grease	mg/L					-	-	-	-	
	pH	pH					-	-	-	-	
10	TSS	mg/L	Upon discharge	-	-	-	-	-	-	-	
	Conductivity	µS/cm					-	-	-	-	
	Oil & Grease	mg/L					-	-	-	-	
	pH	pH					-	-	-	-	

Table 2: Surface Water - Pollutant Limits Apply

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date of Max. Value Obtained	Min Value	Max or Only Value	100%ile Limit	Exceed -ance (Yes/ No)	Comment/s
14	TSS	mg/L	Upon discharge	-	-	-	-	-	50	-	-
	Conductivity	µS/cm							NA		
	Oil & Grease	mg/L		-	-	-	-	-	10	-	
	pH	pH		-	-	-	-	-	8.5	-	
20	TSS	mg/L	Upon discharge	-	-	-	-	-	50	-	-
	Conductivity	µS/cm							NA		
	Oil & Grease	mg/L		-	-	-	-	-	10	-	
	pH	pH		-	-	-	-	-	8.5	-	
21	TSS	mg/L	Upon discharge	-	-	-	-	-	50	-	-
	Conductivity	µS/cm		-	-	-	-	-	NA	-	
	Oil & Grease	mg/L		-	-	-	-	-	10	-	
	pH	pH		-	-	-	-	-	8.5	-	

Table 3: Groundwater – No Limits apply

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Period	Date Sampled	Date of Max. Value Obtained	Min Value	Mean Value	Median Value	Max or Only Value
15	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Standing Water Level	metres					-	-	-	-
16	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Standing Water Level	metres					-	-	-	-
17	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Standing Water Level	metres					-	-	-	-
18	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Standing Water Level	metres					-	-	-	-
19	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Standing Water Level	metres					-	-	-	-

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Period	Date Sampled	Date of Max. Value Obtained	Min Value	Mean Value	Median Value	Max or Only Value
22	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Standing Water Level	metres					-	-	-	-

Table 4 – Monthly Attended Noise Monitoring

(Noise Limits Apply - 40dB LAeq(15min) -Day, 37dB LAeq(15min) Evening and Night; 52dB LA1(1min) -Night)

Table 4 **VCM Operational Noise Monitoring Results Leq(15min) – 20 May 2026 (Day)**								
Location	**Time**	**dB(A), Leq**	**VCM Contribution dB(A),Leq**	**Criterion dB(A),Leq**	**Wind speed (m/s),dir**	**Stability Class**	**Identified Noise Sources dB(A),Leq**	**Exceedance (Yes/No)**
N-AT1 / 7	1:34 pm	46	<20	45*	3.6 / 217	C	Wind (43), Birds (43), **VCM (IA)**	No
N-AT2 / 8	2:32 pm	44	<20	45*	3.8 / 261	A	Wind (42), Traffic (40), **VCM (IA)**	No
Table 5 **VCM Operational Noise Monitoring Results Leq(15min) – 20 May 2026 (Evening)**								
Location	**Time**	**dB(A), Leq**	**VCM Contribution dB(A),Leq**	**Criterion dB(A),Leq**	**Wind speed (m/s),dir**	**Stability Class**	**Identified Noise Sources dB(A),Leq**	**Exceedance (Yes/No)**
N-AT1 / 7	9:25 pm	34	23	35	1.2 / 123	F	Traffic (33), Wind (25), **VCM (23)**	No
N-AT2 / 8	8:31 pm	43	<20	37	1.1 / 102	F	Traffic (42), wind (33), **VCM (IA)**	No

Table 6

VCM Operational Noise Monitoring Results Leq(15min) – 20 May 2026 (Night)

Location	Time	dB(A), Leq	VCM Contribution dB(A),Leq	Criterion dB(A),Leq	Wind speed (m/s),dir	Stability Class	Identified Noise Sources dB(A),Leq	Exceedance (Yes/No)
N-AT1 / 7	10:02 pm	31	22	35	1.3 / 185	E	Wind (28), traffic (26), **VCM (22)**	No
N-AT2 / 8	10:54 pm	32	<20	37	0.4 / 45	F	Traffic (32), **VCM (IA)**	No

Table 7

VCM Operational Noise Monitoring Results LA_{max} – 20 May 2026

Location	Time	dB(A), LA_{max}	VCM Contribution dB(A), LA_{max}	Criterion dB(A), LA_{max}	Wind speed (m/s),dir	Stability Class	LA_{max} Noise Source	Exceedance (Yes/No)
N-AT1 / 7	10:02 pm	56	35	52	1.3 / 185	E	Bird	No
N-AT2 / 8	10:54 pm	52	<20	52	0.4 / 45	F	car	No

Table 5 – Monthly Monitoring (Blasts – Limits Apply)

Location	Parameter	Units of Measure	Frequency	No. of Blasts for the Month	Average Value	Max Value	100%ile Limit	(Potential) Non-compliance /breach	Date of Max. Value Obtained
B-01	**Blast Noise**	**dB (Lin Peak)**	**Every Blast**	4	101.40	110.20	**133**	**Nil**	11/05/2026
	Blast Vibration	**mm/s**	**Every Blast**	4	0.67	1.22	**10**	**Nil**	6/05/2026

Location	Parameter	Units of Measure	Frequency	No. of Blasts for the Month	Average Value	Max Value	100%ile Limit	(Potential) Non-compliance /breach	Date of Max. Value Obtained
B-02	**Blast Noise**	**dB (Lin Peak)**	**Every Blast**	4	105.18	113.00	**N/A**	**N/A**	11/05/2026
	Blast Vibration	**mm/s**	**Every Blast**	4	2.80	5.22	**80**	**N/A**	11/05/2026

Location	Parameter	Units of Measure	Frequency	No. of Blasts for the Month	Average Value	Max Value	100%ile Limit	(Potential) Non-compliance /breach	Date of Max. Value Obtained
B-03	**Blast Noise**	**dB (Lin Peak)**	**Every Blast**	4	100.03	108.40	**120**	**N/A**	22/05/2026
	Blast Vibration	**mm/s**	**Every Blast**	4	0.57	0.92	**10**	**N/A**	11/05/2026

Table 6- PM1 Monthly Monitoring (Limits apply)

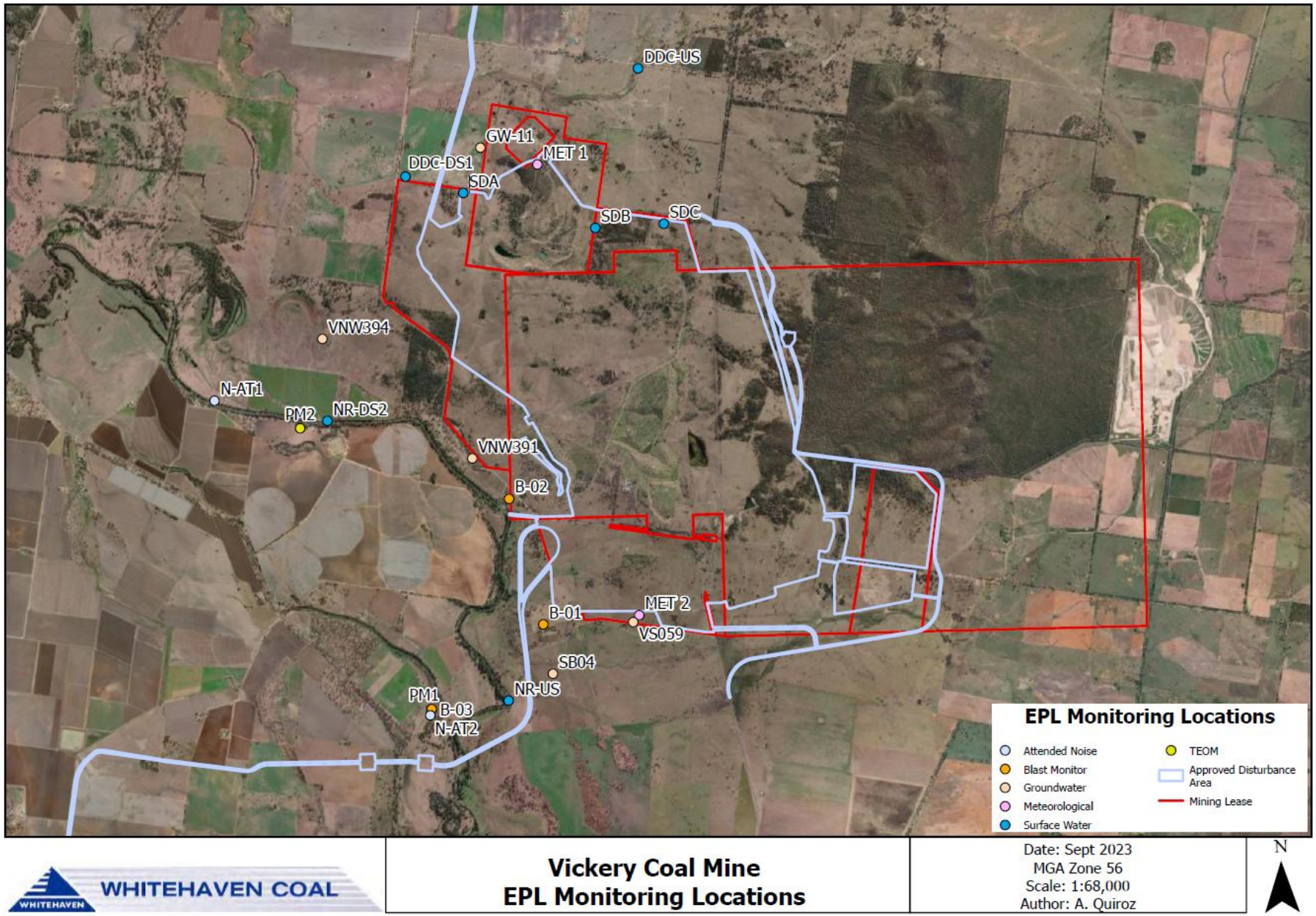
Location	No. of samples required by licence	Lowest sample value	Mean of sample	Highest sample value
PM10 TEOM (µg/m^3)	Continuous	2.2	7	29.3
47.3PM2.5 TEOM (µg/m^3)	Continuous	1.5	2.7	6.7

Table 7- PM2 Monthly Monitoring (Limits apply)

Location	No. of samples required by licence	Lowest sample value	Mean of sample	Highest sample value
PM10 TEOM (µg/m^3)	Continuous	2.7	13	68.7*
PM2.5 TEOM (µg/m^3)	Continuous	2.1	5.2	11.4

* Exceedance attributed to agricultural activities occurring across the property.

Figure 1 – EPL 21283 Monitoring Locations



VICKERY COAL MINE – MONTHLY MONITORING SUMMARY

Site Information

EPL No: 21283
EPA Website Link: Vickery Coal Mine - Environmental Protection Licence
Licensee: Vickery Coal Pty Ltd
Licensee Address: Vickery Coal Mine, Blue Vale Road, BOGGABRI NSW 2382
EPL Monitoring Points: See Figure 1 below
Sampling Period: June 2026
Obtained Date: 7/07/2026
Publication Date: 19/07/2026

Table 1: Surface Water – No Pollutant Limits Apply

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Period	Date Sampled	Date of Max. Value Obtained	Min Value	Mean Value	Median Value	Max or Only Value	Comment/s
2	TSS	mg/L	Quarterly (Mar, Jun, Sep & Dec)	-	-	-	-	-	-	-	Creek not flowing
	Conductivity	µS/cm					-	-	-	-	
	Oil & Grease	mg/L					-	-	-	-	
	pH	pH					-	-	-	-	
3	TSS	mg/L	Quarterly (Mar, Jun, Sep & Dec)	-	-	-	-	-	-	-	Creek not flowing
	Conductivity	µS/cm							-		
	Oil & Grease	mg/L					-	-	-	-	
	pH	pH					-	-	-	-	
9	TSS	mg/L	Quarterly (Mar, Jun, Sep & Dec)	1	29/06/2026	07/07/2026	-	-	-	8	-
	Conductivity	µS/cm					-	-	-	719	
	Oil & Grease	mg/L					-	-	-	<5	
	pH	pH					-	-	-	8.38	
10	TSS	mg/L	Upon discharge	-	-	-	-	-	-	-	
	Conductivity	µS/cm					-	-	-	-	
	Oil & Grease	mg/L					-	-	-	-	
	pH	pH					-	-	-	-	

Table 2: Surface Water - Pollutant Limits Apply

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date of Max. Value Obtained	Min Value	Max or Only Value	100%ile Limit	Exceed -ance (Yes/ No)	Comment/s
14	TSS	mg/L	Upon discharge	-	-	-	-	-	50	-	-
	Conductivity	µS/cm							NA		
	Oil & Grease	mg/L		-	-	-	-	-	10	-	
	pH	pH		-	-	-	-	-	8.5	-	
20	TSS	mg/L	Upon discharge	-	-	-	-	-	50	-	-
	Conductivity	µS/cm							NA		
	Oil & Grease	mg/L		-	-	-	-	-	10	-	
	pH	pH		-	-	-	-	-	8.5	-	
21	TSS	mg/L	Upon discharge	-	-	-	-	-	50	-	-
	Conductivity	µS/cm		-	-	-	-	-	NA	-	
	Oil & Grease	mg/L		-	-	-	-	-	10	-	
	pH	pH		-	-	-	-	-	8.5	-	

Table 3: Groundwater – No Limits apply

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Period	Date Sampled	Date of Max. Value Obtained	Min Value	Mean Value	Median Value	Max or Only Value
15	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Standing Water Level	metres					-	-	-	-
16	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Standing Water Level	metres					-	-	-	-
17	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Standing Water Level	metres					-	-	-	-
18	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Standing Water Level	metres					-	-	-	-
19	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Standing Water Level	metres					-	-	-	-

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Period	Date Sampled	Date of Max. Value Obtained	Min Value	Mean Value	Median Value	Max or Only Value
22	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Standing Water Level	metres					-	-	-	-

Table 4 – Monthly Attended Noise Monitoring

(Noise Limits Apply - 40dB LAeq(15min) -Day, 37dB LAeq(15min) Evening and Night; 52dB LA1(1min) -Night)

Table 4 **VCM Operational Noise Monitoring Results Leq(15min) – 5 June 2026 (Day)**								
Location	**Time**	**dB(A), Leq**	**VCM Contribution dB(A),Leq**	**Criterion dB(A),Leq**	**Wind speed (m/s),dir**	**Stability Class**	**Identified Noise Sources dB(A),Leq**	**Exceedance (Yes/No)**
N-AT1 / 7	2:35 pm	37	<20	45*	3.6 / 321	D	Birds (34), plane (33), **VCM (IA)**	No
N-AT2 / 8	3:34 pm	44	<20	45*	3.4 / 302	D	Birds (42), Traffic (37), **VCM (IA)**	No
Table 5 **VCM Operational Noise Monitoring Results Leq(15min) – 5 June 2026 (Evening)**								
Location	**Time**	**dB(A), Leq**	**VCM Contribution dB(A),Leq**	**Criterion dB(A),Leq**	**Wind speed (m/s),dir**	**Stability Class**	**Identified Noise Sources dB(A),Leq**	**Exceedance (Yes/No)**
N-AT1 / 7	9:14 pm	44	<20	40#	3.9 / 239	D	Insects (43), wind (33), **VCM (IA)**	No
N-AT2 / 8	8:08 pm	43	<20	42#	4.3 / 235	D	Traffic (41), wind (36), **VCM (IA)**	No

Table 6

VCM Operational Noise Monitoring Results Leq(15min) – 5 June 2026 (Night)

Location	Time	dB(A), Leq	VCM Contribution dB(A),Leq	Criterion dB(A),Leq	Wind speed (m/s),dir	Stability Class	Identified Noise Sources dB(A),Leq	Exceedance (Yes/No)
N-AT1 / 7	10:05 pm	30	<20	35	2.3 / 307	E	Wind (28), traffic (23), **VCM (IA)**	No
N-AT2 / 8	11:16 pm	33	<20	37	2.3 / 308	E	Traffic (31), generator (26), **VCM (IA)**	No

Table 7

VCM Operational Noise Monitoring Results LA_{max} – 5 June 2026

Location	Time	dB(A), LA_{max}	VCM Contribution dB(A), LA_{max}	Criterion dB(A), LA_{max}	Wind speed (m/s),dir	Stability Class	LA_{max} Noise Source	Exceedance (Yes/No)
N-AT1 / 7	10:05 pm	55	<20	52	2.3 / 307	E	Bird	No
N-AT2 / 8	11:16 pm	47	<20	52	2.3 / 308	E	Bird	No

Table 5 – Monthly Monitoring (Blasts – Limits Apply)

Location	Parameter	Units of Measure	Frequency	No. of Blasts for the Month	Average Value	Max Value	100%ile Limit	(Potential) Non-compliance /breach	Date of Max. Value Obtained
B-01	**Blast Noise**	**dB (Lin Peak)**	**Every Blast**	4	114.8	122.2	**133**	**Nil**	10/06/2026
	Blast Vibration	**mm/s**	**Every Blast**	4	0.99	1.81	**10**	**Nil**	2/06/2026

Location	Parameter	Units of Measure	Frequency	No. of Blasts for the Month	Average Value	Max Value	100%ile Limit	(Potential) Non-compliance /breach	Date of Max. Value Obtained
B-02	**Blast Noise**	**dB (Lin Peak)**	**Every Blast**	4	112.48	119.80	**N/A**	**N/A**	2/06/2026
	Blast Vibration	**mm/s**	**Every Blast**	4	2.95	6.21	**80**	**N/A**	2/06/2026

Location	Parameter	Units of Measure	Frequency	No. of Blasts for the Month	Average Value	Max Value	100%ile Limit	(Potential) Non-compliance /breach	Date of Max. Value Obtained
B-03	**Blast Noise**	**dB (Lin Peak)**	**Every Blast**	4	110.43	117.50	**120**	**N/A**	2/06/2026
	Blast Vibration	**mm/s**	**Every Blast**	4	0.46	0.67	**10**	**N/A**	2/06/2026

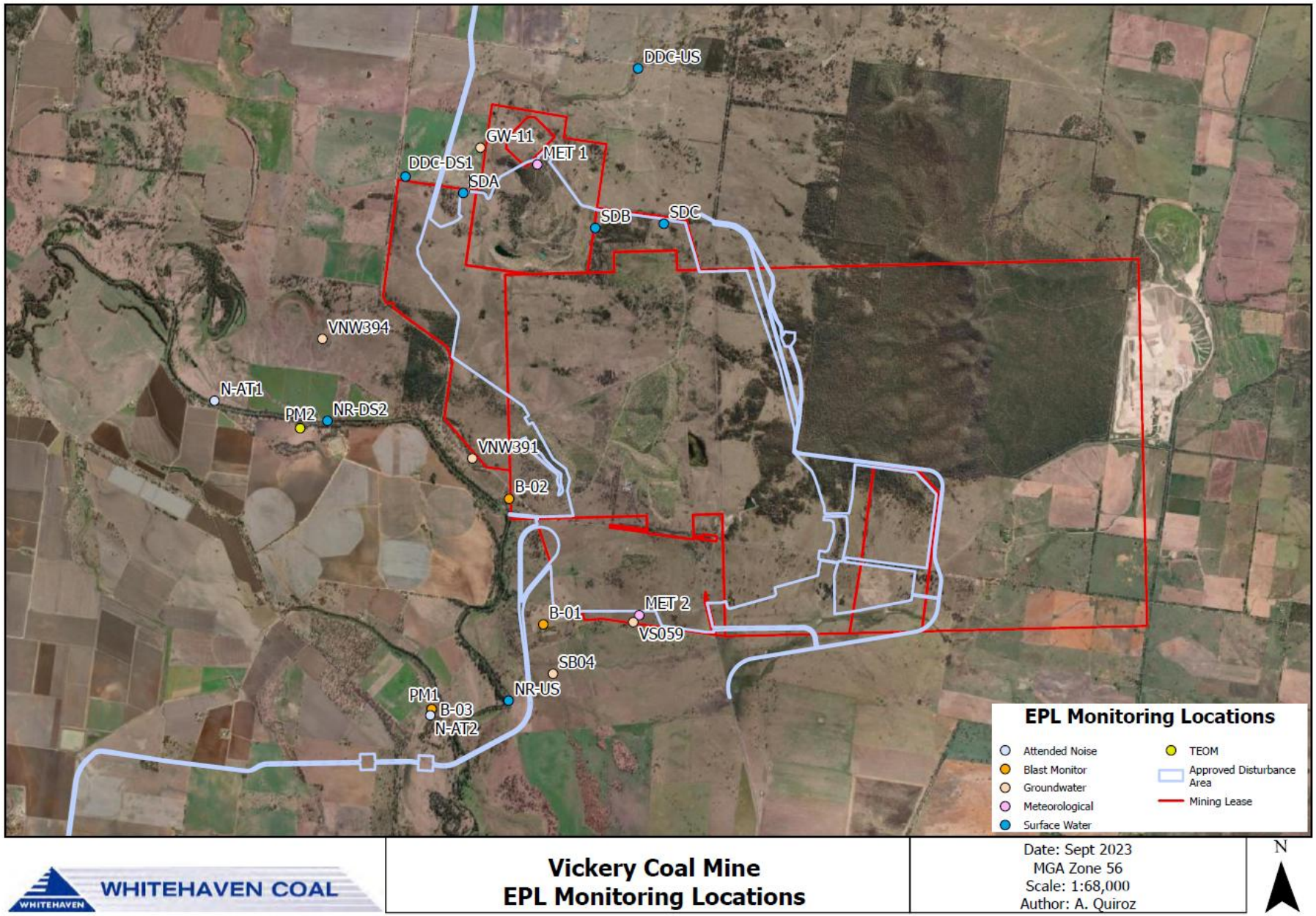
Table 6- PM1 Monthly Monitoring (Limits apply)

Location	No. of samples required by licence	Lowest sample value	Mean of sample	Highest sample value
PM10 TEOM (µg/m³)	Continuous	1.8	4.5	7.2
47.3PM2.5 TEOM (µg/m³)	Continuous	2.4	2.4	4.6

Table 7- PM2 Monthly Monitoring (Limits apply)

Location	No. of samples required by licence	Lowest sample value	Mean of sample	Highest sample value
PM10 TEOM (µg/m³)	Continuous	3.6	7.2	12.1
PM2.5 TEOM (µg/m³)	Continuous	2.4	4.8	8.3

Figure 1 – EPL 21283 Monitoring Locations



VICKERY COAL MINE – MONTHLY MONITORING SUMMARY

Site Information

EPL No: 21283
EPA Website Link: Vickery Coal Mine - Environmental Protection Licence
Licensee: Vickery Coal Pty Ltd
Licensee Address: Vickery Coal Mine, Blue Vale Road, BOGGABRI NSW 2382
EPL Monitoring Points: See Figure 1 below
Sampling Period: July 2026
Obtained Date: 17/08/2026
Publication Date: 21/08/2026

Table 1: Surface Water – No Pollutant Limits Apply

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Period	Date Sampled	Date of Max. Value Obtained	Min Value	Mean Value	Median Value	Max or Only Value	Comment/s
2	TSS	mg/L	Quarterly (Mar, Jun, Sep & Dec)	-	-	-	-	-	-	-	
	Conductivity	µS/cm					-	-	-	-	
	Oil & Grease	mg/L					-	-	-	-	
	pH	pH					-	-	-	-	
3	TSS	mg/L	Quarterly (Mar, Jun, Sep & Dec)	-	-	-	-	-	-	-	
	Conductivity	µS/cm							-		
	Oil & Grease	mg/L					-	-	-	-	
	pH	pH					-	-	-	-	
9	TSS	mg/L	Quarterly (Mar, Jun, Sep & Dec)	-	-	-	-	-	-	-	-
	Conductivity	µS/cm					-	-	-	-	
	Oil & Grease	mg/L					-	-	-	-	
	pH	pH					-	-	-	-	
10	TSS	mg/L	Upon discharge	-	-	-	-	-	-	-	
	Conductivity	µS/cm					-	-	-	-	
	Oil & Grease	mg/L					-	-	-	-	
	pH	pH					-	-	-	-	

Table 2: Surface Water - Pollutant Limits Apply

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date of Max. Value Obtained	Min Value	Max or Only Value	100%ile Limit	Exceed -ance (Yes/ No)	Comment/s
14	TSS	mg/L	Upon discharge	-	-	-	-	-	50	-	-
	Conductivity	µS/cm		-	-	-	-	-	NA	-	
	Oil & Grease	mg/L		-	-	-	-	-	10	-	
	pH	pH		-	-	-	-	-	8.5	-	
20	TSS	mg/L	Upon discharge	-	-	-	-	-	50	-	-
	Conductivity	µS/cm		-	-	-	-	-	NA	-	
	Oil & Grease	mg/L		-	-	-	-	-	10	-	
	pH	pH		-	-	-	-	-	8.5	-	
21	TSS	mg/L	Upon discharge	-	-	-	-	-	50	-	-
	Conductivity	µS/cm		-	-	-	-	-	NA	-	
	Oil & Grease	mg/L		-	-	-	-	-	10	-	
	pH	pH		-	-	-	-	-	8.5	-	

Table 3: Groundwater – No Limits apply

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Period	Date Sampled	Date of Max. Value Obtained	Min Value	Mean Value	Median Value	Max or Only Value
15	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Standing Water Level	metres					-	-	-	-
16	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Standing Water Level	metres					-	-	-	-
17	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Standing Water Level	metres					-	-	-	-
18	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Standing Water Level	metres					-	-	-	-
19	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Standing Water Level	metres					-	-	-	-

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Period	Date Sampled	Date of Max. Value Obtained	Min Value	Mean Value	Median Value	Max or Only Value
22	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Standing Water Level	metres					-	-	-	-

Table 4 – Monthly Attended Noise Monitoring

(Noise Limits Apply - 40dB LAeq(15min) -Day, 37dB LAeq(15min) Evening and Night; 52dB LA1(1min) -Night)

Table 4 **VCM Operational Noise Monitoring Results Leq(15min) – 23/24 July 2026 (Day)**								
Location	**Time**	**dB(A), Leq**	**VCM Contribution dB(A),Leq**	**Criterion dB(A),Leq**	**Wind speed (m/s),dir**	**Stability Class**	**Identified Noise Sources dB(A),Leq**	**Exceedance (Yes/No)**
N-AT1 / 7	11:45 am	34	<20	40	1.4 / 171	A	Birds (33), traffic (22), **VCM (IA)**	No
N-AT2 / 8	5:45 pm	47	<20	45*	3.2 / 231	D	Traffic (46), wind (35), **VCM (IA)**	No
Table 5 **VCM Operational Noise Monitoring Results Leq(15min) – 23 July 2026 (Evening)**								
Location	**Time**	**dB(A), Leq**	**VCM Contribution dB(A),Leq**	**Criterion dB(A),Leq**	**Wind speed (m/s),dir**	**Stability Class**	**Identified Noise Sources dB(A),Leq**	**Exceedance (Yes/No)**
N-AT1 / 7	9:21 pm	32	<20	35	1.8 / 226	E	Traffic (31), wind (22), **VCM (IA)**	No
N-AT2 / 8	8:19 pm	41	<20	42#	4.0 / 208	E	Traffic (40), wind (30), **VCM (IA)**	No

Table 6

VCM Operational Noise Monitoring Results Leq(15min) – 23 July 2026 (Night)

Location	Time	dB(A), Leq	VCM Contribution dB(A),Leq	Criterion dB(A),Leq	Wind speed (m/s),dir	Stability Class	Identified Noise Sources dB(A),Leq	Exceedance (Yes/No)
N-AT1 / 7	10:15 pm	32	<20	35	2.4 / 219	E	Birds (32), traffic (21), **VCM (IA)**	No
N-AT2 / 8	12:00 am	38	<20	37	2.8 / 230	E	Traffic (36), horses (30), **VCM (IA)**	No

Table 7

VCM Operational Noise Monitoring Results LA_{max} – 23 July 2026

Location	Time	dB(A), LA_{max}	VCM Contribution dB(A), LA_{max}	Criterion dB(A), LA_{max}	Wind speed (m/s),dir	Stability Class	LA_{max} Noise Source	Exceedance (Yes/No)
N-AT1 / 7	10:15 pm	51	<20	52	2.4 / 219	E	Bird	No
N-AT2 / 8	12:00 am	59	<20	52	2.8 / 230	E	Truck on Highway	No

Table 5 – Monthly Monitoring (Blasts – Limits Apply)

Location	Parameter	Units of Measure	Frequency	No. of Blasts for the Month	Average Value	Max Value	100%ile Limit	(Potential) Non-compliance /breach	Date of Max. Value Obtained
B-01	**Blast Noise**	**dB (Lin Peak)**	**Every Blast**	6	99.9	106.2	**133**	**Nil**	10/07/2026
	Blast Vibration	**mm/s**	**Every Blast**	6	0.93	2.05	**10**	**Nil**	6/07/2026

Location	Parameter	Units of Measure	Frequency	No. of Blasts for the Month	Average Value	Max Value	100%ile Limit	(Potential) Non-compliance /breach	Date of Max. Value Obtained
B-02	**Blast Noise**	**dB (Lin Peak)**	**Every Blast**	6	98.08	101.60	**N/A**	**N/A**	10/07/2026
	Blast Vibration	**mm/s**	**Every Blast**	6	2.70	4.09	**80**	**N/A**	10/07/2026

Location	Parameter	Units of Measure	Frequency	No. of Blasts for the Month	Average Value	Max Value	100%ile Limit	(Potential) Non-compliance /breach	Date of Max. Value Obtained
B-03	**Blast Noise**	**dB (Lin Peak)**	**Every Blast**	6	95.93	100.40	**120**	**N/A**	10/07/2026
	Blast Vibration	**mm/s**	**Every Blast**	6	0.49	0.84	**10**	**N/A**	6/07/2026

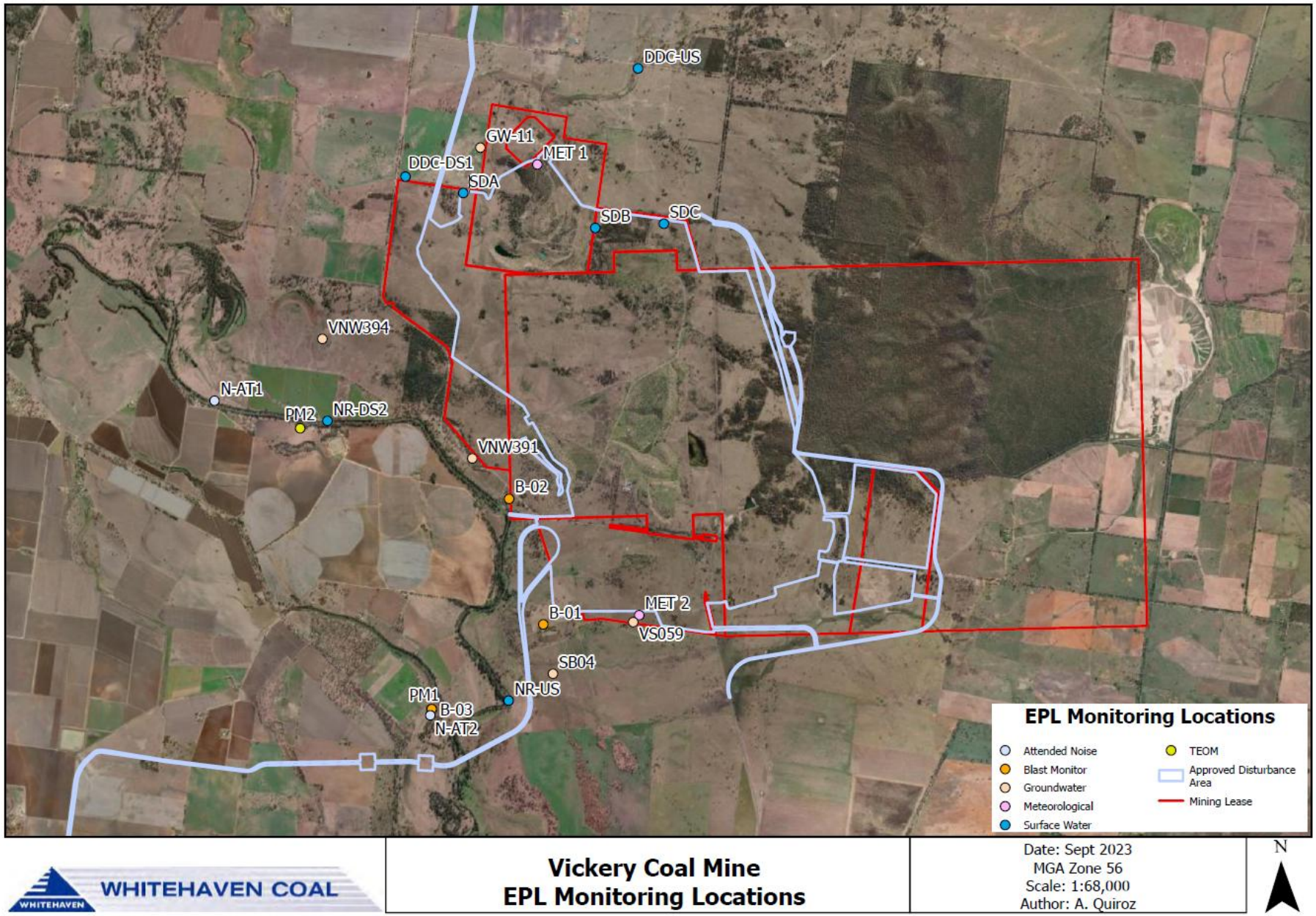
Table 6- PM1 Monthly Monitoring (Limits apply)

Location	No. of samples required by licence	Lowest sample value	Mean of sample	Highest sample value
PM10 TEOM (µg/m^3)	Continuous	2.0	7.0	17.8
47.3PM2.5 TEOM (µg/m^3)	Continuous	1.2	3.1	5.5

Table 7- PM2 Monthly Monitoring (Limits apply)

Location	No. of samples required by licence	Lowest sample value	Mean of sample	Highest sample value
PM10 TEOM (µg/m^3)	Continuous	1.6	3.7	6.5
PM2.5 TEOM (µg/m^3)	Continuous	4.1	8.2	21.2

Figure 1 – EPL 21283 Monitoring Locations



VICKERY COAL MINE – MONTHLY MONITORING SUMMARY

Site Information

EPL No: 21283
EPA Website Link: Vickery Coal Mine - Environmental Protection Licence
Licensee: Vickery Coal Pty Ltd
Licensee Address: Vickery Coal Mine, Blue Vale Road, BOGGABRI NSW 2382
EPL Monitoring Points: See Figure 1 below
Sampling Period: August 2026
Obtained Date: 31/08/2026
Publication Date: 14/09/2026

Table 1: Surface Water – No Pollutant Limits Apply

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Period	Date Sampled	Date of Max. Value Obtained	Min Value	Mean Value	Median Value	Max or Only Value	Comment/s
2	TSS	mg/L	Quarterly (Mar, Jun, Sep & Dec)	-	-	-	-	-	-	-	-
	Conductivity	µS/cm					-	-	-	-	
	Oil & Grease	mg/L					-	-	-	-	
	pH	pH					-	-	-	-	
3	TSS	mg/L	Quarterly (Mar, Jun, Sep & Dec)	-	-	-	-	-	-	-	-
	Conductivity	µS/cm					-	-	-	-	
	Oil & Grease	mg/L					-	-	-	-	
	pH	pH					-	-	-	-	
9	TSS	mg/L	Quarterly (Mar, Jun, Sep & Dec)	-	-	-	-	-	-	-	-
	Conductivity	µS/cm					-	-	-	-	
	Oil & Grease	mg/L					-	-	-	-	
	pH	pH					-	-	-	-	
10	TSS	mg/L	Upon discharge	-	-	-	-	-	-	-	-
	Conductivity	µS/cm					-	-	-	-	
	Oil & Grease	mg/L					-	-	-	-	
	pH	pH					-	-	-	-	

Table 2: Surface Water - Pollutant Limits Apply

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date of Max. Value Obtained	Min Value	Max or Only Value	100%ile Limit	Exceed -ance (Yes/ No)	Comment/s
14	TSS	mg/L	Upon discharge	-	-	-	-	-	50	-	-
	Conductivity	µS/cm		-	-	-	-	-	NA	-	
	Oil & Grease	mg/L		-	-	-	-	-	10	-	
	pH	pH		-	-	-	-	-	8.5	-	
20	TSS	mg/L	Upon discharge	-	-	-	-	-	50	-	-
	Conductivity	µS/cm		-	-	-	-	-	NA	-	
	Oil & Grease	mg/L		-	-	-	-	-	10	-	
	pH	pH		-	-	-	-	-	8.5	-	
21	TSS	mg/L	Upon discharge	-	-	-	-	-	50	-	-
	Conductivity	µS/cm		-	-	-	-	-	NA	-	
	Oil & Grease	mg/L		-	-	-	-	-	10	-	
	pH	pH		-	-	-	-	-	8.5	-	

Table 3: Groundwater – No Limits apply

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Period	Date Sampled	Date of Max. Value Obtained	Min Value	Mean Value	Median Value	Max or Only Value
15	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Standing Water Level	metres					-	-	-	-
16	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Standing Water Level	metres					-	-	-	-
17	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Standing Water Level	metres					-	-	-	-
18	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Standing Water Level	metres					-	-	-	-
19	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Standing Water Level	metres					-	-	-	-

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Period	Date Sampled	Date of Max. Value Obtained	Min Value	Mean Value	Median Value	Max or Only Value
22	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Standing Water Level	metres					-	-	-	-

Table 4 – Monthly Attended Noise Monitoring

(Noise Limits Apply - 40dB LAeq(15min) -Day, 37dB LAeq(15min) Evening and Night; 52dB LA1(1min) -Night)

Table 4 **VCM Operational Noise Monitoring Results Leq(15min) – 11 August 2026 (Day)**								
Location	**Time**	**dB(A), Leq**	**VCM Contribution dB(A),Leq**	**Criterion dB(A),Leq**	**Wind speed (m/s),dir**	**Stability Class**	**Identified Noise Sources dB(A),Leq**	**Exceedance (Yes/No)**
N-AT1 / 7	4:16 pm	51	<20	40	2.4 / 276	D	Dog, (51), birds (38), **VCM (IA)**	No
N-AT2 / 8	5:08 pm	48	<20	40	2.4 / 294	D	Traffic (47), birds (40), **VCM (IA)**	No
Table 5 **VCM Operational Noise Monitoring Results Leq(15min) – 11 August 2026 (Evening)**								
Location	**Time**	**dB(A), Leq**	**VCM Contribution dB(A),Leq**	**Criterion dB(A),Leq**	**Wind speed (m/s),dir**	**Stability Class**	**Identified Noise Sources dB(A),Leq**	**Exceedance (Yes/No)**
N-AT1 / 7	9:41 pm	30	<20	35	1.6 / 340	D	Traffic (29), wind (20), **VCM (IA)**	No
N-AT2 / 8	8:39 pm	42	<20	37	2.2 / 319	E	Traffic (42), wind (30), **VCM (IA)**	No

Table 6

VCM Operational Noise Monitoring Results Leq(15min) – 11 August 2026 (Night)

Location	Time	dB(A), Leq	VCM Contribution dB(A),Leq	Criterion dB(A),Leq	Wind speed (m/s),dir	Stability Class	Identified Noise Sources dB(A),Leq	Exceedance (Yes/No)
N-AT1 / 7	10:00 pm	31	<20	35	2.1 / 357	E	Traffic (30), wind (22), **VCM (IA)**	No
N-AT2 / 8	10:58 pm	30	<20	37	2.3 / 6	E	Traffic (30), **VCM (IA)**	No

Table 7

VCM Operational Noise Monitoring Results LA_{max} – 11 August 2026

Location	Time	dB(A), LA_{max}	VCM Contribution dB(A), LA_{max}	Criterion dB(A), LA_{max}	Wind speed (m/s),dir	Stability Class	LA_{max} Noise Source	Exceedance (Yes/No)
N-AT1 / 7	10:00 pm	49	<20	52	2.1 / 357	E	Bird	No
N-AT2 / 8	10:58 pm	47	<20	52	2.3 / 6	E	Bird	No

Table 5 – Monthly Monitoring (Blasts – Limits Apply)

Location	Parameter	Units of Measure	Frequency	No. of Blasts for the Month	Average Value	Max Value	100%ile Limit	(Potential) Non-compliance /breach	Date of Max. Value Obtained
B-01	**Blast Noise**	**dB (Lin Peak)**	**Every Blast**	5	98.28	104.2	**133**	**Nil**	11/08/2026
	Blast Vibration	**mm/s**	**Every Blast**	5	0.974	1.41	**10**	**Nil**	3/08/2026

Location	Parameter	Units of Measure	Frequency	No. of Blasts for the Month	Average Value	Max Value	100%ile Limit	(Potential) Non-compliance /breach	Date of Max. Value Obtained
B-02	**Blast Noise**	**dB (Lin Peak)**	**Every Blast**	5	96.66	102.8	**N/A**	**N/A**	31/08/2026
	Blast Vibration	**mm/s**	**Every Blast**	5	2.994	4.48	**80**	**N/A**	3/08/2026

Location	Parameter	Units of Measure	Frequency	No. of Blasts for the Month	Average Value	Max Value	100%ile Limit	(Potential) Non-compliance /breach	Date of Max. Value Obtained
B-03	**Blast Noise**	**dB (Lin Peak)**	**Every Blast**	5	93.48	97.4	**120**	**N/A**	11/08/2026
	Blast Vibration	**mm/s**	**Every Blast**	5	0.638	1.01	**10**	**N/A**	17/08/2026

Table 6- PM1 Monthly Monitoring (Limits apply)

Location	No. of samples required by licence	Lowest sample value	Mean of sample	Highest sample value
PM10 TEOM (µg/m^3)	Continuous	2.6	7.6	15.5
47.3PM2.5 TEOM (µg/m^3)	Continuous	0.8	3.5	7.2

Table 7- PM2 Monthly Monitoring (Limits apply)

Location	No. of samples required by licence	Lowest sample value	Mean of sample	Highest sample value
PM10 TEOM (µg/m^3)	Continuous	2.5	8.0	13.3
PM2.5 TEOM (µg/m^3)	Continuous	0.2	3.8	6.1

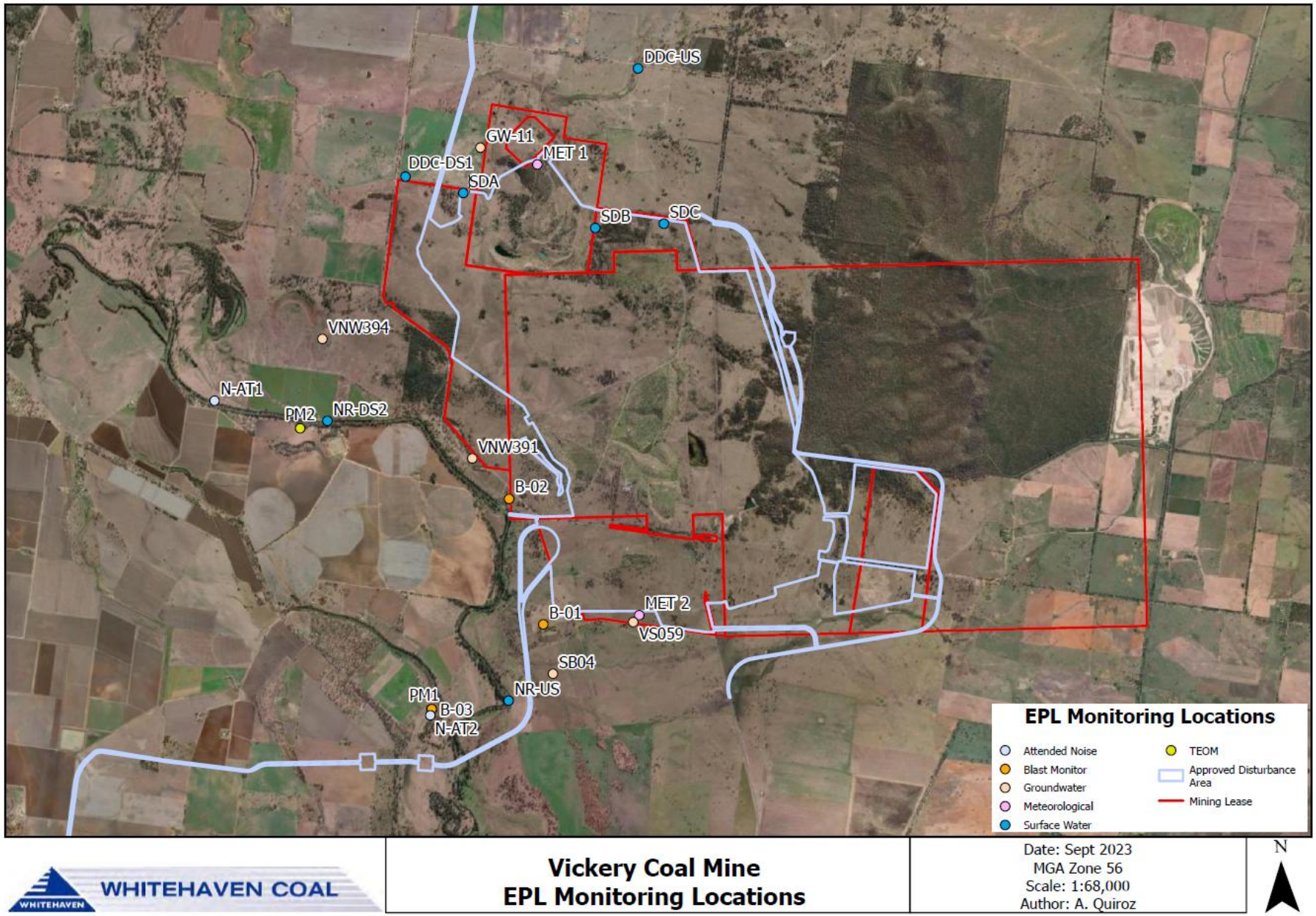



Figure 1 – EPL 21283 Monitoring Locations