

TARRAWONGA COAL MINE – MONTHLY MONITORING SUMMARY

Site Information

EPL No: 12365

EPA Website Link: <http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=55113&SYSUID=1&LICID=12365>

Licensee: Tarrawonga Coal Pty Ltd

Licensee Address: Tarrawonga Coal Mine, 469 Goonbri Road, BOGGABRI NSW 2382

EPL Monitoring Points: See Figure 1 below

Sampling Period: May 2025

Obtained Date: 13/06/2025

Publication Date: 13/06/2025

Table 1 - No 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	Mean Value	Median Value	Max or Only Value	Comments
5	TSS	mg/L	Upon discharge	1	27/05/2025	27/05/2025	-	-	-	114	
	Conductivity	µS/cm		1	27/05/2025	27/05/2025	-	-	-	82	
	Oil & Grease	mg/L		1	27/05/2025	27/05/2025	-	-	-	<5	
	pH	pH		1	27/05/2025	27/05/2025	-	-	-	6.27	
6	TSS	mg/L	Upon discharge	2	27/05/2025, 29/05/2025	27/05/2025	-	-	-	98	
	Conductivity	µS/cm		2	27/05/2025, 29/05/2025	27/05/2025	-	-	-	721	
	Oil & Grease	mg/L		2	27/05/2025, 29/05/2025	27/05/2025	-	-	-	<5	

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date of Max. Value Obtained	Min Value	Mean Value	Median Value	Max or Only Value	Comments
	pH	pH		2	27/05/2025, 29/05/2025	27/05/2025	-	-	-	6.53	

Table 2 - 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
1	TSS	mg/L	Upon discharge	1	27/05/2025	27/05/2025	-	73	<50	-	Sample taken after major rain event, therefore limit for TSS does not apply.
	Conductivity	µS/cm		1	27/05/2025	27/05/2025	-	385	-	-	
	Oil & Grease	mg/L		1	27/05/2025	27/05/2025	-	<5	<10	-	
	pH	pH		1	27/05/2025	27/05/2025	-	7.32	6.5-8.5	-	
2	TSS	mg/L	Upon discharge	-	-	-	-	-	-	-	-
	Conductivity	µS/cm		-	-	-	-	-	-	-	
	Oil & Grease	mg/L		-	-	-	-	-	-	-	
	pH	pH		-	-	-	-	-	-	-	

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
3	TSS	mg/L	Upon discharge	1	29/05/2025	29/05/2025	-	124	<50	-	Sample taken after major rain event, therefore limit for TSS does not apply.
	Conductivity	µS/cm		1	29/05/2025	29/05/2025	-	147	-	-	
	Oil & Grease	mg/L		1	29/05/2025	29/05/2025	-	<5	<10	-	
	pH	pH		1	29/05/2025	29/05/2025	-	6.63	6.5-8.5	-	
24	TSS	mg/L	Upon discharge	-	-	-	-	-	-	-	-
	Conductivity	µS/cm		-	-	-	-	-	-	-	
	Oil & Grease	mg/L		-	-	-	-	-	-	-	
	pH	pH		-	-	-	-	-	-	-	
26	TSS	mg/L	Upon discharge	1	29/05/2025	29/05/2025	-	76	<50	-	Sample taken after major rain event, therefore limit for TSS does not apply.
	Conductivity	µS/cm		1	29/05/2025	29/05/2025	-	140	-	-	
	Oil & Grease	mg/L		1	29/05/2025	29/05/2025	-	<5	<10	-	
	pH	pH		1	29/05/2025	29/05/2025	-	6.64	6.5-8.5	-	
27	TSS	mg/L	Upon discharge	1	27/05/2025	27/05/2025	-	3320	<50	-	Sample taken after major rain event, therefore
	Conductivity	µS/cm		1	27/05/2025	27/05/2025	-	206	-	-	
	Oil & Grease	mg/L		1	27/05/2025	27/05/2025	-	<5	<10	-	

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
	pH	pH		1	27/05/2025	27/05/2025	-	6.72	6.5-8.5	-	limit for TSS does not apply.

Table 3 – Monitoring (Quarterly & 6 Monthly – 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
9	Conductivity	µS/cm	6 monthly – (Mar, Sep)	-	-	-	-	-	-	-
	Lead	mg/L		-	-	-	-	-	-	
	pH	pH		-	-	-	-	-	-	
	Standing Water Level	metres		-	-	-	-	-	-	
10	Conductivity	µS/cm	6 monthly – (Mar, Sep)	-	-	-	-	-	-	-
	Lead	mg/L		-	-	-	-	-	-	
	pH	pH		-	-	-	-	-	-	
	Standing Water Level	metres		-	-	-	-	-	-	
12	Conductivity	µS/cm	6 monthly – (Mar, Sep)	-	-	-	-	-	-	-
	Lead	mg/L		-	-	-	-	-	-	
	pH	pH		-	-	-	-	-	-	
	Standing Water Level	metres		-	-	-	-	-	-	
13	Conductivity	µS/cm	Quarterly - (Feb, May, Aug, Nov)	1	8/05/2025	8/05/2025	-	-	-	500
	Oil & Grease	mg/L		1	8/05/2025	8/05/2025	-	-	-	<5
	pH	pH		1	8/05/2025	8/05/2025	-	-	-	8.07
	TSS	mg/L		1	8/05/2025	8/05/2025	-	-	-	1040

Table 4 – Quarterly Attended Noise Monitoring

(Noise Limits Apply -35dB LAeq(15min) -Day, Evening and Night;45dB LA1(1min) -Night)

No Noise Monitoring reported for May – Next Monitoring in June

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
Coomalgah (TB2)	Blast Noise	dB (Lin Peak)	Every Blast	6	89.15	98.9	120	Nil	23/05/2025
	Blast Vibration	mm/s	Every Blast	6	0.25	0.6	10	Nil	26/05/2025

Table 6- Monthly Monitoring (Dust PM10 – No Limits apply)

Location	No. of samples required by licence	Lowest sample value	Mean of sample	Highest sample value
“Flixton” property* TEOM (µg/m ³)	Continuous	0	8.69	49.7

**Mine owned property – no limit apply*

Figure 1 – EPL 12365 Monitoring Locations

