



NARRABRI MINE – MONTHLY MONITORING SUMMARY

Site Information

EPL No: 12789

EPA Website Link: <http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=106922&SYSUID=1&LICID=12789>

Licensee: Narrabri Coal Operations Pty Ltd

Licensee Address: Narrabri Mine, 10 Kurrajong Creek Road, BAAN BAA NSW 2390

EPL Monitoring Points: See Figure 1 below

Sampling Period: January 2025

Obtained Date: 28/01/2025

Publication Date: 13/02/2025

Table 1 – No Pollutant Limits Apply

EPL ID	Pollutant	Units of Measure	Sample Method	Monitoring Frequency	No. of Samples for the Month	Dates Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
ND3	Deposited Matter	g/m ² /month	Lab Analysis	Once a month (min. 4 weeks)	1	13/01/2025	28/01/2025	NA	NA	NA	0.8
11 (SD4)	Conductivity	µs/cm	In situ	Upon discharge (within 12 hours)	<i>No discharge occurred during sampling period (SD4)</i>						
	TOC	mg/L	Lab Analysis								
13 (SD2)	Conductivity	µs/cm	In situ	Upon discharge (within 12 hours)	<i>No discharge occurred during sampling period (SD2)</i>						
	TOC	mg/L	Lab Analysis								
14 (KC1US)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27	<i>No flow events and/or mine discharge occurred during sampling period (KC1US)</i>						
	TOC	mg/L	Lab Analysis								
	Oil & Grease	mg/L	Lab Analysis								
	pH	pH	In situ								
	TSS	mg/L	Lab Analysis								
15 (KC1DS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27	<i>No flow events and/or mine discharge occurred during sampling period (KC1DS)</i>						
	TOC	mg/L	Lab Analysis								
	Oil & Grease	mg/L	Lab Analysis								
	pH	pH	In situ								
	TSS	mg/L	Lab Analysis								

16 (KC2US)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27	<i>No flow events and/or mine discharge occurred during sampling period (KC2US)</i>
	TOC	mg/L	Lab Analysis		
	Oil & Grease	mg/L	Lab Analysis		
	pH	pH	In situ		
	TSS	mg/L	Lab Analysis		
17 (KC2DS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27	<i>No flow events and/or mine discharge occurred during sampling period (KC2DS)</i>
	TOC	mg/L	Lab Analysis		
	Oil & Grease	mg/L	Lab Analysis		
	pH	pH	In situ		
	TSS	mg/L	Lab Analysis		
18 (SD7)	Conductivity	µs/cm	In Situ	Upon discharge (within 12 hours)	<i>No discharge occurred during sampling period (SD7)</i>
	TOC	mg/L	Lab Analysis		
19 (KCUS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27	<i>No flow events and/or mine discharge occurred during sampling period (KCUS)</i>
	TOC	mg/L	Lab Analysis		
	Oil & Grease	mg/L	Lab Analysis		
	pH	pH	In situ		
	TSS	mg/L	Lab Analysis		
20 (KCDS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge	<i>No flow events and/or mine discharge occurred during sampling period (KCDS)</i>
	TOC	mg/L	Lab Analysis		
	Oil & Grease	mg/L	Lab Analysis		
	pH	pH	In situ		

	TSS	mg/L	Lab Analysis	from points 11, 13, 18,27		
21 (PCa)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27	No flow events and/or mine discharge occurred during sampling period (PCa)	
	TOC	mg/L	Lab Analysis			
	Oil & Grease	mg/L	Lab Analysis			
	pH	pH	In situ			
	TSS	mg/L	Lab Analysis			
22 (PC1)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27	No flow events and/or mine discharge occurred during sampling period (PC1)	
	TOC	mg/L	Lab Analysis			
	Oil & Grease	mg/L	Lab Analysis			
	pH	pH	In situ			
	TSS	mg/L	Lab Analysis			
24 (NR1)	pH	pH	In situ	Upon Discharge (within 4 hrs)	Namoi discharge point – Not constructed or currently utilised (NR1)	
	TDS	mg/L	Lab Analysis			
25 (NRUS)	pH	pH	In situ	Upon Discharge (within 4 hrs)	Namoi discharge point – Not constructed or currently utilised (NRUS)	
	TDS	mg/L	Lab Analysis			
26 (NRDS)	pH	pH	In situ	Upon Discharge (within 4 hrs)	Namoi discharge point – Not constructed or currently utilised (NRDS)	
	TDS	mg/L	Lab Analysis			
28 (P28)	Conductivity	µs/cm	In situ	Quarterly	0	Not scheduled for sampling during sampling period
	pH	pH	In situ		0	
	SWL	mbtoc	In situ		0	
	Bicarbonate	mg/L	Lab Analysis		0	

	Calcium	mg/L	Lab Analysis		0	
	Carbonate	mg/L	Lab Analysis		0	
	Chloride	mg/L	Lab Analysis		0	
	Magnesium	mg/L	Lab Analysis		0	
	Potassium	mg/L	Lab Analysis		0	
	Sodium	mg/L	Lab Analysis		0	
	Sulphate	mg/L	Lab Analysis		0	
29 (P29)	Conductivity	µs/cm	Lab Analysis	Quarterly	0	<i>Not scheduled for sampling during sampling period</i>
	pH	pH	Lab Analysis		0	
	SWL	mbtoc	Lab Analysis		0	
	Bicarbonate	mg/L	Lab Analysis		0	
	Calcium	mg/L	Lab Analysis		0	
	Carbonate	mg/L	Lab Analysis		0	
	Chloride	mg/L	Lab Analysis		0	
	Magnesium	mg/L	Lab Analysis		0	
	Potassium	mg/L	Lab Analysis		0	
	Sodium	mg/L	Lab Analysis		0	

	Sulphate	mg/L	Lab Analysis		0	
30 (P30)	Conductivity	µs/cm	Lab Analysis	Quarterly	0	Not scheduled for sampling during sampling period
	pH	pH	Lab Analysis		0	
	SWL	mbtoc	Lab Analysis		0	
	Bicarbonate	mg/L	Lab Analysis		0	
	Calcium	mg/L	Lab Analysis		0	
	Carbonate	mg/L	Lab Analysis		0	
	Chloride	mg/L	Lab Analysis		0	
	Magnesium	mg/L	Lab Analysis		0	
	Potassium	mg/L	Lab Analysis		0	
	Sodium	mg/L	Lab Analysis		0	
	Sulphate	mg/L	Lab Analysis		0	
31 (P31)	Conductivity	µs/cm	Lab Analysis	Quarterly	0	Not scheduled for sampling during sampling period
	pH	pH	Lab Analysis		0	
	SWL	mbtoc	Lab Analysis		0	
	Bicarbonate	mg/L	Lab Analysis		0	
	Calcium	mg/L	Lab Analysis		0	

	Carbonate	mg/L	Lab Analysis		0	
	Chloride	mg/L	Lab Analysis		0	
	Magnesium	mg/L	Lab Analysis		0	
	Potassium	mg/L	Lab Analysis		0	
	Sodium	mg/L	Lab Analysis		0	
	Sulphate	mg/L	Lab Analysis		0	
32 (P32)	Conductivity	µs/cm	Lab Analysis	Quarterly	0	<i>Not scheduled for sampling during sampling period</i>
	pH	pH	Lab Analysis		0	
	SWL	mbtoc	Lab Analysis		0	
	Bicarbonate	mg/L	Lab Analysis		0	
	Calcium	mg/L	Lab Analysis		0	
	Carbonate	mg/L	Lab Analysis		0	
	Chloride	mg/L	Lab Analysis		0	
	Magnesium	mg/L	Lab Analysis		0	
	Potassium	mg/L	Lab Analysis		0	
	Sodium	mg/L	Lab Analysis		0	
	Sulphate	mg/L	Lab Analysis		0	

33 (P33)	Conductivity	µs/cm	Lab Analysis	Quarterly	0	Not scheduled for sampling during sampling period
	pH	pH	Lab Analysis		0	
	SWL	mbtoc	Lab Analysis		0	
	Bicarbonate	mg/L	Lab Analysis		0	
	Calcium	mg/L	Lab Analysis		0	
	Carbonate	mg/L	Lab Analysis		0	
	Chloride	mg/L	Lab Analysis		0	
	Magnesium	mg/L	Lab Analysis		0	
	Potassium	mg/L	Lab Analysis		0	
	Sodium	mg/L	Lab Analysis		0	
	Sulphate	mg/L	Lab Analysis		0	
34 (P34)	Conductivity	µs/cm	In situ	Quarterly	0	Not scheduled for sampling during sampling period
	pH	pH	In situ		0	
	SWL	mbtoc	In situ		0	
	Bicarbonate	mg/L	Lab Analysis		0	
	Calcium	mg/L	Lab Analysis		0	
	Carbonate	mg/L	Lab Analysis		0	
	Chloride	mg/L	Lab Analysis		0	
	Magnesium	mg/L	Lab Analysis		0	

	Potassium	mg/L	Lab Analysis		0	
	Sodium	mg/L	Lab Analysis		0	
	Sulphate	mg/L	Lab Analysis		0	
35 (P58)	Conductivity	µs/cm	Lab Analysis	Quarterly	0	Not scheduled for sampling during sampling period
	pH	pH	Lab Analysis		0	
	SWL	mbtoc	Lab Analysis		0	
	Bicarbonate	mg/L	Lab Analysis		0	
	Calcium	mg/L	Lab Analysis		0	
	Carbonate	mg/L	Lab Analysis		0	
	Chloride	mg/L	Lab Analysis		0	
	Magnesium	mg/L	Lab Analysis		0	
	Potassium	mg/L	Lab Analysis		0	
	Sodium	mg/L	Lab Analysis		0	
	Sulfate	mg/L	Lab Analysis		0	
36 (P83)	Conductivity	µs/cm	In situ	Quarterly	0	Not scheduled for sampling during sampling period
	pH	pH	In situ		0	
	SWL	mbtoc	In situ		0	
	Bicarbonate	mg/L	Lab Analysis		0	
	Calcium	mg/L	Lab Analysis		0	

	Carbonate	mg/L	Lab Analysis		0	
	Chloride	mg/L	Lab Analysis		0	
	Magnesium	mg/L	Lab Analysis		0	
	Potassium	mg/L	Lab Analysis		0	
	Sodium	mg/L	Lab Analysis		0	
	Sulphate	mg/L	Lab Analysis		0	
37 (P84)	Conductivity	µs/cm	In situ	Quarterly	0	<i>Not scheduled for sampling during sampling period</i>
	pH	pH	In situ		0	
	SWL	mbtoc	In situ		0	
	Bicarbonate	mg/L	Lab Analysis		0	
	Calcium	mg/L	Lab Analysis		0	
	Carbonate	mg/L	Lab Analysis		0	
	Chloride	mg/L	Lab Analysis		0	
	Magnesium	mg/L	Lab Analysis		0	
	Potassium	mg/L	Lab Analysis		0	
	Sodium	mg/L	Lab Analysis		0	
	Sulphate	mg/L	Lab Analysis		0	
38 (P85)	Conductivity	µs/cm	In situ		0	
	pH	pH	In situ		0	
	SWL	mbtoc	In situ		0	

	Bicarbonate	mg/L	Lab Analysis	Quarterly	0	<i>Not scheduled for sampling during sampling period</i>
	Calcium	mg/L	Lab Analysis		0	
	Carbonate	mg/L	Lab Analysis		0	
	Chloride	mg/L	Lab Analysis		0	
	Magnesium	mg/L	Lab Analysis		0	
	Potassium	mg/L	Lab Analysis		0	
	Sodium	mg/L	Lab Analysis		0	
	Sulfate	mg/L	Lab Analysis		0	
39 (P88)	Conductivity	µs/cm	In situ	Quarterly	0	<i>Not scheduled for sampling during sampling period</i>
	pH	pH	In situ		0	
	SWL	mbtoc	In situ		0	
	Bicarbonate	mg/L	Lab Analysis		0	
	Calcium	mg/L	Lab Analysis		0	
	Carbonate	mg/L	Lab Analysis		0	
	Chloride	mg/L	Lab Analysis		0	
	Magnesium	mg/L	Lab Analysis		0	
	Potassium	mg/L	Lab Analysis		0	
	Sodium	mg/L	Lab Analysis		0	
	Sulfate	mg/L	Lab Analysis		0	

40 (P89)	Conductivity	µs/cm	In situ	Quarterly	0	Not scheduled for sampling during sampling period
	pH	pH	In situ		0	
	SWL	mbtoc	In situ		0	
	Bicarbonate	mg/L	Lab Analysis		0	
	Calcium	mg/L	Lab Analysis		0	
	Carbonate	mg/L	Lab Analysis		0	
	Chloride	mg/L	Lab Analysis		0	
	Magnesium	mg/L	Lab Analysis		0	
	Potassium	mg/L	Lab Analysis		0	
	Sodium	mg/L	Lab Analysis		0	
	Sulphate	mg/L	Lab Analysis		0	
43 (SD9)	Conductivity	µs/cm	In situ		0	No discharge occurred during sampling period (SD9)
	pH	pH	In situ		0	
	SWL	mbtoc	In situ		0	
	Bicarbonate	mg/L	Lab Analysis		0	
	Calcium	mg/L	Lab Analysis		0	
	Carbonate	mg/L	Lab Analysis		0	
	Chloride	mg/L	Lab Analysis		0	
	Magnesium	mg/L	Lab Analysis		0	
	Potassium	mg/L	Lab Analysis		0	



	Sodium	mg/L	Lab Analysis			
	Sulphate	mg/L	Lab Analysis			

Table 2 - Pollutant Limits Apply (Water)

EPL ID	Pollutant	Units of Measure	Sample Method	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Max or Only Value	EPL Limit	Exceedance (Yes/No)	Comments (Mine Site Sample ID)
11	TSS	mg/L	Lab Analysis	Upon discharge	0	<i>No discharge occurred during sampling period</i>					50	NA	SD4
	Oil & Grease	mg/L	Lab Analysis		0						10	NA	
	pH	pH	In situ		0						6.5-8.5	NA	
13	TSS	mg/L	Lab Analysis	Upon discharge	0	<i>No discharge occurred during sampling period</i>					50	NA	SD2
	Oil & Grease	mg/L	Lab Analysis		0						10	NA	
	pH	pH	In situ		0						6.5-8.5	NA	
18	TSS	mg/L	Lab Analysis	Upon discharge	0	<i>No discharge occurred during sampling period</i>					50	NA	SD7
	Oil & Grease	mg/L	Lab Analysis		0						10	NA	
	pH	pH	In situ		0						6.5-8.5	NA	
24	TDS	mg/L	Lab Analysis	Upon discharge	0	<i>Namoi discharge point – Not constructed or currently utilised.</i>					350	NA	NR1
	pH	pH	In situ		0						6.5-8.5	NA	
27	TSS	mg/L	Lab Analysis	Upon discharge	0	<i>No discharge occurred during sampling period</i>					50	NA	SD8
	Oil & Grease	mg/L	Lab Analysis		0						10	NA	
	pH	pH	In situ		0						6.5-8.5	NA	
43	TSS	mg/L	Lab Analysis	Upon discharge	0	<i>No discharge occurred during sampling period</i>					50	NA	SD9



	Oil & Grease	mg/L	Lab Analysis		0		10	NA	
	pH	pH	In situ		0		6.5-8.5	NA	

Table 3 – Quarterly Attended Noise Monitoring results summary table

Noise monitoring not scheduled in January 2025. Next scheduled sampling is for March 2025.

EPL ID	Date	Measured Levels – dB(A) Leq 15min Day	Measured Levels – dB(A) Leq 15min Evening	Measured Levels – dB(A) Leq 15min Night	Measured Levels – dB(A) LA1 (1 min) Night	Limit(s)	Measurement Periods	Weather Compliant Conditions (D/E/N)			Compliant (Yes/No)	Date Obtained
N5 ¹						<u>Day, Evening & Night:</u> 35 <u>Night</u> <u>LA1 (1 min):</u> 45	Day – 1.5 hrs					
							Evening – 0.5 hrs					
							Night – 1 hr					
N6						<u>Day, Evening & Night:</u> 35 <u>Night</u> <u>LA1 (1 min):</u> 45	Day – 1.5 hrs					
							Evening – 0.5 hrs					
							Night – 1 hr					
N8 ¹						<u>Day, Evening & Night:</u> 35 <u>Night</u> <u>LA1 (1 min):</u> 45	Day – 1.5 hrs					
							Evening – 0.5 hrs					
							Night – 1 hr					
N9 ¹						<u>Day, Evening & Night:</u> 35 <u>Night</u> <u>LA1 (1 min):</u> 45	Day – 1.5 hrs					
							Evening – 0.5 hrs					
							Night – 1 hr					

Figure 1 – EPL 12789 Monitoring Locations



LEGEND

- ML1609
- Lot boundary
- Watercourses

Monitoring locations

- + Surface water quality monitoring
- + Licensed discharge point
- ▲ Ambient air quality monitoring
- Groundwater monitoring - standpipe single
- Meteorological station
- Noise monitoring

NARRABRI MINE

Figure 1
EPL 12789 Monitoring Locations
February 2024



NARRABRI MINE – MONTHLY MONITORING SUMMARY

Site Information

EPL No: 12789

EPA Website Link: <http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=106922&SYSUID=1&LICID=12789>

Licensee: Narrabri Coal Operations Pty Ltd

Licensee Address: Narrabri Mine, 10 Kurrajong Creek Road, BAAN BAA NSW 2390

EPL Monitoring Points: See Figure 1 below

Sampling Period: February 2025

Obtained Date: 27.02.2025

Publication Date: 13.03.2025

Table 1 – No Pollutant Limits Apply

EPL ID	Pollutant	Units of Measure	Sample Method	Monitoring Frequency	No. of Samples for the Month	Dates Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
ND3	Deposited Matter	g/m ² /month	Lab Analysis	Once a month (min. 4 weeks)	1	12/02/2025	27/02/2025	NA	NA	NA	0.3
11 (SD4)	Conductivity	µs/cm	In situ	Upon discharge (within 12 hours)	No discharge occurred during sampling period (SD4)						
	TOC	mg/L	Lab Analysis								
13 (SD2)	Conductivity	µs/cm	In situ	Upon discharge (within 12 hours)	No discharge occurred during sampling period (SD2)						
	TOC	mg/L	Lab Analysis								
	TOC	mg/L	Lab Analysis								
14 (KC1US)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27, 43	No flow recorded during discharge of EPA 11						
	TOC	mg/L	Lab Analysis								
	Oil & Grease	mg/L	Lab Analysis								
	pH	pH	In situ								
	TSS	mg/L	Lab Analysis								
15 (KC1DS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27, 43	No flow recorded during discharge of EPA 11						
	TOC	mg/L	Lab Analysis								
	Oil & Grease	mg/L	Lab Analysis								
	pH	pH	In situ								
	TSS	mg/L	Lab Analysis								

16 (KC2US)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27, 43	No flow recorded during discharge of EPA 13
	TOC	mg/L	Lab Analysis		
	Oil & Grease	mg/L	Lab Analysis		
	pH	pH	In situ		
	TSS	mg/L	Lab Analysis		
17 (KC2DS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43	No flow recorded during discharge of EPA 13
	TOC	mg/L	Lab Analysis		
	Oil & Grease	mg/L	Lab Analysis		
	pH	pH	In situ		
	TSS	mg/L	Lab Analysis		
18 (SD7)	Conductivity	µs/cm	In Situ	Upon discharge (within 12 hours)	No discharge occurred during sampling period (SD7)
	TOC	mg/L	Lab Analysis		
19 (KCUS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43	No flow events and/or mine discharge occurred during sampling period (KCUS)
	TOC	mg/L	Lab Analysis		
	Oil & Grease	mg/L	Lab Analysis		
	pH	pH	In situ		
	TSS	mg/L	Lab Analysis		
20 (KCDS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather	No flow events and/or mine discharge occurred during sampling period (KCDS)
	TOC	mg/L	Lab Analysis		
	Oil & Grease	mg/L	Lab Analysis		

	pH	pH	In situ	discharge from points 11, 13, 18,27,43	
	TSS	mg/L	Lab Analysis		
21 (PCa)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43	<i>No flow events and/or mine discharge occurred during sampling period (PCa)</i>
	TOC	mg/L	Lab Analysis		
	Oil & Grease	mg/L	Lab Analysis		
	pH	pH	In situ		
	TSS	mg/L	Lab Analysis		
22 (PC1)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43	<i>No flow events and/or mine discharge occurred during sampling period (PC1)</i>
	TOC	mg/L	Lab Analysis		
	Oil & Grease	mg/L	Lab Analysis		
	pH	pH	In situ		
	TSS	mg/L	Lab Analysis		
24 (NR1)	pH	pH	In situ	Upon Discharge (within 4 hrs)	<i>Namoi discharge point – Not constructed or currently utilised (NR1)</i>
	TDS	mg/L	Lab Analysis		
25 (NRUS)	pH	pH	In situ	Upon Discharge (within 4 hrs)	<i>Namoi discharge point – Not constructed or currently utilised (NRUS)</i>
	TDS	mg/L	Lab Analysis		
26 (NRDS)	pH	pH	In situ	Upon Discharge (within 4 hrs)	<i>Namoi discharge point – Not constructed or currently utilised (NRDS)</i>
	TDS	mg/L	Lab Analysis		
28 (P28)	Conductivity	µs/cm	In situ	Quarterly	<i>Bore was dry during sampling period</i>
	pH	pH	In situ		
	SWL	mbtoc	In situ		

	Bicarbonate	mg/L	Lab Analysis								
	Calcium	mg/L	Lab Analysis								
	Carbonate	mg/L	Lab Analysis								
	Chloride	mg/L	Lab Analysis								
	Magnesium	mg/L	Lab Analysis								
	Potassium	mg/L	Lab Analysis								
	Sodium	mg/L	Lab Analysis								
	Sulphate	mg/L	Lab Analysis								
29 (P29)	Conductivity	µs/cm	In situ	Quarterly	1	04/02/2025	18/02/2025	NA	NA	NA	13060
	pH	pH	In situ		1	04/02/2025	18/02/2025	NA	NA	NA	7.02
	SWL	mbtoc	In situ		1	04/02/2025	18/02/2025	NA	NA	NA	4.45
	Bicarbonate	mg/L	Lab Analysis		1	04/02/2025	18/02/2025	NA	NA	NA	685
	Calcium	mg/L	Lab Analysis		1	04/02/2025	18/02/2025	NA	NA	NA	120
	Carbonate	mg/L	Lab Analysis		1	04/02/2025	18/02/2025	NA	NA	NA	<1
	Chloride	mg/L	Lab Analysis		1	04/02/2025	18/02/2025	NA	NA	NA	5150
	Magnesium	mg/L	Lab Analysis		1	04/02/2025	18/02/2025	NA	NA	NA	290
	Potassium	mg/L	Lab Analysis		1	04/02/2025	18/02/2025	NA	NA	NA	5
	Sodium	mg/L	Lab Analysis		1	04/02/2025	18/02/2025	NA	NA	NA	3290

	Sulphate	mg/L	Lab Analysis		1	04/02/2025	18/02/2025	NA	NA	NA	634
30 (P30)	Conductivity	µs/cm	In situ	Quarterly	1	04/02/2025	18/02/2025	NA	NA	NA	20800
	pH	pH	In situ		1	04/02/2025	18/02/2025	NA	NA	NA	6.82
	SWL	mbtoc	In situ		1	04/02/2025	18/02/2025	NA	NA	NA	10.51
	Bicarbonate	mg/L	Lab Analysis		1	04/02/2025	18/02/2025	NA	NA	NA	918
	Calcium	mg/L	Lab Analysis		1	04/02/2025	18/02/2025	NA	NA	NA	134
	Carbonate	mg/L	Lab Analysis		1	04/02/2025	18/02/2025	NA	NA	NA	<1
	Chloride	mg/L	Lab Analysis		1	04/02/2025	18/02/2025	NA	NA	NA	4880
	Magnesium	mg/L	Lab Analysis		1	04/02/2025	18/02/2025	NA	NA	NA	359
	Potassium	mg/L	Lab Analysis		1	04/02/2025	18/02/2025	NA	NA	NA	18
	Sodium	mg/L	Lab Analysis		1	04/02/2025	18/02/2025	NA	NA	NA	3220
	Sulphate	mg/L	Lab Analysis		1	04/02/2025	18/02/2025	NA	NA	NA	1040
31 (P31)	Conductivity	µs/cm	In situ	Quarterly	1	04/02/2025	18/02/2025	NA	NA	NA	6930
	pH	pH	In situ		1	04/02/2025	18/02/2025	NA	NA	NA	7.01
	SWL	mbtoc	In situ		1	04/02/2025	18/02/2025	NA	NA	NA	16.45
	Bicarbonate	mg/L	Lab Analysis		1	04/02/2025	18/02/2025	NA	NA	NA	881
	Calcium	mg/L	Lab Analysis		1	04/02/2025	18/02/2025	NA	NA	NA	96
	Carbonate	mg/L	Lab Analysis		1	04/02/2025	18/02/2025	NA	NA	NA	<1
	Chloride	mg/L	Lab Analysis		1	04/02/2025	18/02/2025	NA	NA	NA	1490

	Magnesium	mg/L	Lab Analysis		1	04/02/2025	18/02/2025	NA	NA	NA	174
	Potassium	mg/L	Lab Analysis		1	04/02/2025	18/02/2025	NA	NA	NA	15
	Sodium	mg/L	Lab Analysis		1	04/02/2025	18/02/2025	NA	NA	NA	1260
	Sulphate	mg/L	Lab Analysis		1	04/02/2025	18/02/2025	NA	NA	NA	337
32 (P32)	Conductivity	µs/cm	In situ	Quarterly	1	04/02/2025	18/02/2025	NA	NA	NA	1902
	pH	pH	In situ		1	04/02/2025	18/02/2025	NA	NA	NA	8.24
	SWL	mbtoc	In situ		1	04/02/2025	18/02/2025	NA	NA	NA	7.37
	Bicarbonate	mg/L	Lab Analysis		1	04/02/2025	18/02/2025	NA	NA	NA	916
	Calcium	mg/L	Lab Analysis		1	04/02/2025	18/02/2025	NA	NA	NA	<1
	Carbonate	mg/L	Lab Analysis		1	04/02/2025	18/02/2025	NA	NA	NA	47
	Chloride	mg/L	Lab Analysis		1	04/02/2025	18/02/2025	NA	NA	NA	65
	Magnesium	mg/L	Lab Analysis		1	04/02/2025	18/02/2025	NA	NA	NA	2
	Potassium	mg/L	Lab Analysis		1	04/02/2025	18/02/2025	NA	NA	NA	<1
	Sodium	mg/L	Lab Analysis		1	04/02/2025	18/02/2025	NA	NA	NA	518
	Sulphate	mg/L	Lab Analysis		1	04/02/2025	18/02/2025	NA	NA	NA	57
33 (P33)	Conductivity	µs/cm	In situ	Quarterly	0	Bore was dry during sampling period					
	pH	pH	In situ		0						
	SWL	mbtoc	In situ		0						
	Bicarbonate	mg/L	Lab Analysis		0						
	Calcium	mg/L	Lab Analysis		0						

	Carbonate	mg/L	Lab Analysis		0						
	Chloride	mg/L	Lab Analysis		0						
	Magnesium	mg/L	Lab Analysis		0						
	Potassium	mg/L	Lab Analysis		0						
	Sodium	mg/L	Lab Analysis		0						
	Sulphate	mg/L	Lab Analysis		0						
34 (P34)	Conductivity	µs/cm	In situ	Quarterly	0	Bore was dry during sampling period					
	pH	pH	In situ		0						
	SWL	mbtoc	In situ		0						
	Bicarbonate	mg/L	Lab Analysis		0						
	Calcium	mg/L	Lab Analysis		0						
	Carbonate	mg/L	Lab Analysis		0						
	Chloride	mg/L	Lab Analysis		0						
	Magnesium	mg/L	Lab Analysis		0						
	Potassium	mg/L	Lab Analysis		0						
	Sodium	mg/L	Lab Analysis		0						
	Sulphate	mg/L	Lab Analysis		0						
35 (P58)	Conductivity	µs/cm	In situ	Quarterly	1	04/02/2025	18/02/2025	NA	NA	NA	10720
	pH	pH	In situ		1	04/02/2025	18/02/2025	NA	NA	NA	6.85
	SWL	mbtoc	In situ		1	04/02/2025	18/02/2025	NA	NA	NA	14.08

	Bicarbonate	mg/L	Lab Analysis		1	04/02/2025	18/02/2025	NA	NA	NA	5040
	Calcium	mg/L	Lab Analysis		1	04/02/2025	18/02/2025	NA	NA	NA	34
	Carbonate	mg/L	Lab Analysis		1	04/02/2025	18/02/2025	NA	NA	NA	<1
	Chloride	mg/L	Lab Analysis		1	04/02/2025	18/02/2025	NA	NA	NA	1520
	Magnesium	mg/L	Lab Analysis		1	04/02/2025	18/02/2025	NA	NA	NA	73
	Potassium	mg/L	Lab Analysis		1	04/02/2025	18/02/2025	NA	NA	NA	80
	Sodium	mg/L	Lab Analysis		1	04/02/2025	18/02/2025	NA	NA	NA	3060
	Sulfate	mg/L	Lab Analysis		1	04/02/2025	18/02/2025	NA	NA	NA	138
36 (P83)	Conductivity	µs/cm	In situ	Quarterly	0	Bore was dry during sampling period					
	pH	pH	In situ		0						
	SWL	mbtoc	In situ		0						
	Bicarbonate	mg/L	Lab Analysis		0						
	Calcium	mg/L	Lab Analysis		0						
	Carbonate	mg/L	Lab Analysis		0						
	Chloride	mg/L	Lab Analysis		0						
	Magnesium	mg/L	Lab Analysis		0						
	Potassium	mg/L	Lab Analysis		0						
	Sodium	mg/L	Lab Analysis		0						
	Sulphate	mg/L	Lab Analysis		0						

37 (P84)	Conductivity	µs/cm	In situ	Quarterly	1	30/01/2025	18/02/2025	NA	NA	NA	20650
	pH	pH	In situ		1	30/01/2025	18/02/2025	NA	NA	NA	6.77
	SWL	mbtoc	In situ		1	30/01/2025	18/02/2025	NA	NA	NA	13.49
	Bicarbonate	mg/L	Lab Analysis		1	30/01/2025	18/02/2025	NA	NA	NA	2700
	Calcium	mg/L	Lab Analysis		1	30/01/2025	18/02/2025	NA	NA	NA	92
	Carbonate	mg/L	Lab Analysis		1	30/01/2025	18/02/2025	NA	NA	NA	<1
	Chloride	mg/L	Lab Analysis		1	30/01/2025	18/02/2025	NA	NA	NA	5970
	Magnesium	mg/L	Lab Analysis		1	30/01/2025	18/02/2025	NA	NA	NA	409
	Potassium	mg/L	Lab Analysis		1	30/01/2025	18/02/2025	NA	NA	NA	38
	Sodium	mg/L	Lab Analysis		1	30/01/2025	18/02/2025	NA	NA	NA	4720
	Sulphate	mg/L	Lab Analysis		1	30/01/2025	18/02/2025	NA	NA	NA	985
38 (P85)	Conductivity	µs/cm	In situ	Quarterly	0	Bore was dry during sampling period					
	pH	pH	In situ		0						
	SWL	mbtoc	In situ		0						
	Bicarbonate	mg/L	Lab Analysis		0						
	Calcium	mg/L	Lab Analysis		0						
	Carbonate	mg/L	Lab Analysis		0						
	Chloride	mg/L	Lab Analysis		0						
	Magnesium	mg/L	Lab Analysis		0						
	Potassium	mg/L	Lab Analysis		0						

	Sodium	mg/L	Lab Analysis		0	
	Sulfate	mg/L	Lab Analysis		0	
39 (P88)	Conductivity	µs/cm	In situ	Quarterly	0	Bore was dry during sampling period
	pH	pH	In situ		0	
	SWL	mbtoc	In situ		0	
	Bicarbonate	mg/L	Lab Analysis		0	
	Calcium	mg/L	Lab Analysis		0	
	Carbonate	mg/L	Lab Analysis		0	
	Chloride	mg/L	Lab Analysis		0	
	Magnesium	mg/L	Lab Analysis		0	
	Potassium	mg/L	Lab Analysis		0	
	Sodium	mg/L	Lab Analysis		0	
	Sulfate	mg/L	Lab Analysis		0	
40 (P89)	Conductivity	µs/cm	In situ	Quarterly	0	Bore was dry during sampling period
	pH	pH	In situ		0	
	SWL	mbtoc	In situ		0	
	Bicarbonate	mg/L	Lab Analysis		0	
	Calcium	mg/L	Lab Analysis		0	
	Carbonate	mg/L	Lab Analysis		0	
	Chloride	mg/L	Lab Analysis		0	

	Magnesium	mg/L	Lab Analysis		0	
	Potassium	mg/L	Lab Analysis		0	
	Sodium	mg/L	Lab Analysis		0	
	Sulphate	mg/L	Lab Analysis		0	
43 (SD9)	Conductivity	µs/cm	In situ	Upon discharge (within 12 hours)	0	No discharge occurred during sampling period (SD9)
	TOC	mg/L	Lab Analysis		0	
44 (KCTOP)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43	0	No flow events and/or mine discharge occurred during sampling period (KCTOP)
	TOC	mg/L	Lab Analysis		0	
	Oil & Grease	mg/L	Lab Analysis		0	
	pH	pH	In situ		0	
	TSS	mg/L	Lab Analysis		0	

Table 2 - Pollutant Limits Apply (Water)

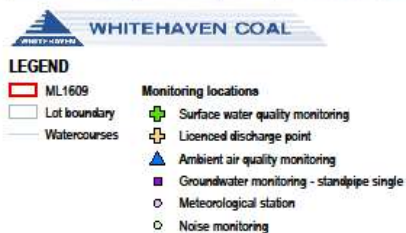
EPL ID	Pollutant	Units of Measure	Sample Method	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Max or Only Value	EPL Limit	Exceedance (Yes/No)	Comments (Mine Site Sample ID)
11	TSS	mg/L	Lab Analysis	Upon discharge	0	<i>No discharge occurred during sampling period</i>					50	NA	SD4
	Oil & Grease	mg/L	Lab Analysis		0						10	NA	
	pH	pH	In situ		0						6.5-8.5	NA	
13	TSS	mg/L	Lab Analysis	Upon discharge	0	<i>No discharge occurred during sampling period</i>					50	NA	SD2
	Oil & Grease	mg/L	Lab Analysis		0						10	NA	
	pH	pH	In situ		0						6.5-8.5	NA	
18	TSS	mg/L	Lab Analysis	Upon discharge	0	<i>No discharge occurred during sampling period</i>					50	NA	SD7
	Oil & Grease	mg/L	Lab Analysis		0						10	NA	
	pH	pH	In situ		0						6.5-8.5	NA	
24	TDS	mg/L	Lab Analysis	Upon discharge	0	<i>Namoi discharge point – Not constructed or currently utilised.</i>					350	NA	NR1
	pH	pH	In situ		0						6.5-8.5	NA	
27	TSS	mg/L	Lab Analysis	Upon discharge	0	<i>No discharge occurred during sampling period</i>					50	NA	SD8
	Oil & Grease	mg/L	Lab Analysis		0						10	NA	
	pH	pH	In situ		0						6.5-8.5	NA	
43	TSS	mg/L	Lab Analysis	Upon discharge	0	<i>No discharge occurred during sampling period</i>					50	No ^a	SD9
	Oil & Grease	mg/L	Lab Analysis		0						10	No	
	pH	pH	In situ		0						6.5-8.5	No	

Table 3 – Quarterly Attended Noise Monitoring results summary table

Nosie monitoring not scheduled in February 2025. Next scheduled sampling is for March 2025.

EPL ID	Date	Measured Levels – dB(A) Leq 15min Day	Measured Levels – dB(A) Leq 15min Evening	Measured Levels – dB(A) Leq 15min Night	Measured Levels – dB(A) LA1 (1 min) Night	Limit(s)	Measurement Periods	Weather Compliant Conditions (D/E/N)			Compliant (Yes/No)	Date Obtained
N5						<u>Day, Evening & Night:</u> 35	Day – 1.5 hrs					
						<u>Night</u>	Evening – 0.5 hrs					
						<u>LA1 (1 min):</u> 45	Night – 1 hr					
N6						<u>Day, Evening & Night:</u> 35	Day – 1.5 hrs					
						<u>Night</u>	Evening – 0.5 hrs					
						<u>LA1 (1 min):</u> 45	Night – 1 hr					
N8						<u>Day, Evening & Night:</u> 35	Day – 1.5 hrs					
						<u>Night</u>	Evening – 0.5 hrs					
						<u>LA1 (1 min):</u> 45	Night – 1 hr					
N9						<u>Day, Evening & Night:</u> 35	Day – 1.5 hrs					
						<u>Night</u>	Evening – 0.5 hrs					
						<u>LA1 (1 min):</u> 45	Night – 1 hr					

Figure 1 – EPL 12789 Monitoring Locations





NARRABRI MINE – MONTHLY MONITORING SUMMARY

Site Information

EPL No: 12789

EPA Website Link: <http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=106922&SYSUID=1&LICID=12789>

Licensee: Narrabri Coal Operations Pty Ltd

Licensee Address: Narrabri Mine, 10 Kurrajong Creek Road, BAAN BAA NSW 2390

EPL Monitoring Points: See Figure 1 below

Sampling Period: March 2025

Obtained Date: 15.04.2025

Publication Date: 17.04.2025

Table 1 – No Pollutant Limits Apply

EPL ID	Pollutant	Units of Measure	Sample Method	Monitoring Frequency	No. of Samples for the Month	Dates Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
ND3	Deposited Matter	g/m ² /month	Lab Analysis	Once a month (min. 4 weeks)	1	13/03/2025	26/03/2025	NA	NA	NA	0.4
11 (SD4)	Conductivity	µs/cm	In situ	Upon discharge (within 12 hours)	1	30/03/2025	7/04/2025	NA	NA	NA	361
	TOC	mg/L	Lab Analysis		1	30/03/2025	7/04/2025	NA	NA	NA	14
13 (SD2)	Conductivity	µs/cm	In situ	Upon discharge (within 12 hours)	1	29/03/2025	7/04/2025	NA	NA	NA	416
	TOC	mg/L	Lab Analysis		1	29/03/2025	7/04/2025	NA	NA	NA	12
14 (KC1US)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27, 43	1	30/03/2025	7/04/2025	NA	NA	NA	26.13
	TOC	mg/L	Lab Analysis		1	30/03/2025	7/04/2025	NA	NA	NA	18
	Oil & Grease	mg/L	Lab Analysis		1	30/03/2025	7/04/2025	NA	NA	NA	<5
	pH	pH	In situ		1	30/03/2025	7/04/2025	NA	NA	NA	7.46
	TSS	mg/L	Lab Analysis		1	30/03/2025	7/04/2025	NA	NA	NA	52
15 (KC1DS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27, 43	1	30/03/2025	7/04/2025	NA	NA	NA	237
	TOC	mg/L	Lab Analysis		1	30/03/2025	7/04/2025	NA	NA	NA	16
	Oil & Grease	mg/L	Lab Analysis		1	30/03/2025	7/04/2025	NA	NA	NA	<5
	pH	pH	In situ		1	30/03/2025	7/04/2025	NA	NA	NA	8.34
	TSS	mg/L	Lab Analysis		1	30/03/2025	7/04/2025	NA	NA	NA	226

16 (KC2US)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27, 43	1	29/03/2025	7/04/2025	NA	NA	NA	26.25
	TOC	mg/L	Lab Analysis		1	29/03/2025	7/04/2025	NA	NA	NA	10
	Oil & Grease	mg/L	Lab Analysis		1	29/03/2025	7/04/2025	NA	NA	NA	<5
	pH	pH	In situ		1	29/03/2025	7/04/2025	NA	NA	NA	7.05
	TSS	mg/L	Lab Analysis		1	29/03/2025	7/04/2025	NA	NA	NA	130
17 (KC2DS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43	1	29/03/2025	7/04/2025	NA	NA	NA	447
	TOC	mg/L	Lab Analysis		1	29/03/2025	7/04/2025	NA	NA	NA	9
	Oil & Grease	mg/L	Lab Analysis		1	29/03/2025	7/04/2025	NA	NA	NA	<5
	pH	pH	In situ		1	29/03/2025	7/04/2025	NA	NA	NA	8.05
	TSS	mg/L	Lab Analysis		1	29/03/2025	7/04/2025	NA	NA	NA	81
18 (SD7)	Conductivity	µs/cm	In Situ	Upon discharge (within 12 hours)	No discharge occurred during sampling period (SD7)						
	TOC	mg/L	Lab Analysis								
19 (KCUS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43	1	29/03/2025	7/04/2025	NA	NA	NA	Probe error
	TOC	mg/L	Lab Analysis		1	29/03/2025	7/04/2025	NA	NA	NA	10
	Oil & Grease	mg/L	Lab Analysis		1	29/03/2025	7/04/2025	NA	NA	NA	<5
	pH	pH	In situ		1	29/03/2025	7/04/2025	NA	NA	NA	7.79
	TSS	mg/L	Lab Analysis		1	29/03/2025	7/04/2025	NA	NA	NA	456
20 (KCDS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter &	1	31/03/2025	11/04/2025	NA	NA	NA	359
	TOC	mg/L	Lab Analysis		1	31/03/2025	11/04/2025	NA	NA	NA	25

	Oil & Grease	mg/L	Lab Analysis	after each wet weather discharge from points 11, 13, 18,27,43	1	31/03/2025	11/04/2025	NA	NA	NA	<5
	pH	pH	In situ		1	31/03/2025	11/04/2025	NA	NA	NA	7.54
	TSS	mg/L	Lab Analysis		1	31/03/2025	11/04/2025	NA	NA	NA	12
21 (PCa)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43	1	1/04/2025	10/04/2025	No access in March. Sampled when access was available (1/4/2025)			122
	TOC	mg/L	Lab Analysis		1	1/04/2025	10/04/2025				17
	Oil & Grease	mg/L	Lab Analysis		1	1/04/2025	10/04/2025				<5
	pH	pH	In situ		1	1/04/2025	10/04/2025				7.48
	TSS	mg/L	Lab Analysis		1	1/04/2025	10/04/2025				63
22 (PC1)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43	1	31/03/2025	11/04/2025	NA	NA	NA	100.1
	TOC	mg/L	Lab Analysis		1	31/03/2025	11/04/2025	NA	NA	NA	14
	Oil & Grease	mg/L	Lab Analysis		1	31/03/2025	11/04/2025	NA	NA	NA	<5
	pH	pH	In situ		1	31/03/2025	11/04/2025	NA	NA	NA	7.12
	TSS	mg/L	Lab Analysis		1	31/03/2025	11/04/2025	NA	NA	NA	49
24 (NR1)	pH	pH	In situ	Upon Discharge (within 4 hrs)	Namoi discharge point – Not constructed or currently utilised (NR1)						
	TDS	mg/L	Lab Analysis								
25 (NRUS)	pH	pH	In situ	Upon Discharge (within 4 hrs)	Namoi discharge point – Not constructed or currently utilised (NRUS)						
	TDS	mg/L	Lab Analysis								
26 (NRDS)	pH	pH	In situ	Upon Discharge (within 4 hrs)	Namoi discharge point – Not constructed or currently utilised (NRDS)						
	TDS	mg/L	Lab Analysis								
28 (P28)	Conductivity	µs/cm	In situ	Quarterly	0						
	pH	pH	In situ		0						

	SWL	mbtoc	In situ		0	<i>Not scheduled for sampling during sampling period</i>
	Bicarbonate	mg/L	Lab Analysis		0	
	Calcium	mg/L	Lab Analysis		0	
	Carbonate	mg/L	Lab Analysis		0	
	Chloride	mg/L	Lab Analysis		0	
	Magnesium	mg/L	Lab Analysis		0	
	Potassium	mg/L	Lab Analysis		0	
	Sodium	mg/L	Lab Analysis		0	
	Sulphate	mg/L	Lab Analysis		0	
29 (P29)	Conductivity	µs/cm	In situ	Quarterly	0	<i>Not scheduled for sampling during sampling period</i>
	pH	pH	In situ		0	
	SWL	mbtoc	In situ		0	
	Bicarbonate	mg/L	Lab Analysis		0	
	Calcium	mg/L	Lab Analysis		0	
	Carbonate	mg/L	Lab Analysis		0	
	Chloride	mg/L	Lab Analysis		0	
	Magnesium	mg/L	Lab Analysis		0	
	Potassium	mg/L	Lab Analysis		0	
	Sodium	mg/L	Lab Analysis		0	

	Sulphate	mg/L	Lab Analysis		0	
30 (P30)	Conductivity	µs/cm	In situ	Quarterly	0	Not scheduled for sampling during sampling period
	pH	pH	In situ		0	
	SWL	mbtoc	In situ		0	
	Bicarbonate	mg/L	Lab Analysis		0	
	Calcium	mg/L	Lab Analysis		0	
	Carbonate	mg/L	Lab Analysis		0	
	Chloride	mg/L	Lab Analysis		0	
	Magnesium	mg/L	Lab Analysis		0	
	Potassium	mg/L	Lab Analysis		0	
	Sodium	mg/L	Lab Analysis		0	
	Sulphate	mg/L	Lab Analysis		0	
31 (P31)	Conductivity	µs/cm	In situ	Quarterly	0	Not scheduled for sampling during sampling period
	pH	pH	In situ		0	
	SWL	mbtoc	In situ		0	
	Bicarbonate	mg/L	Lab Analysis		0	
	Calcium	mg/L	Lab Analysis		0	
	Carbonate	mg/L	Lab Analysis		0	
	Chloride	mg/L	Lab Analysis		0	

	Magnesium	mg/L	Lab Analysis		0	
	Potassium	mg/L	Lab Analysis		0	
	Sodium	mg/L	Lab Analysis		0	
	Sulphate	mg/L	Lab Analysis		0	
32 (P32)	Conductivity	µs/cm	In situ	Quarterly	0	Not scheduled for sampling during sampling period
	pH	pH	In situ		0	
	SWL	mbtoc	In situ		0	
	Bicarbonate	mg/L	Lab Analysis		0	
	Calcium	mg/L	Lab Analysis		0	
	Carbonate	mg/L	Lab Analysis		0	
	Chloride	mg/L	Lab Analysis		0	
	Magnesium	mg/L	Lab Analysis		0	
	Potassium	mg/L	Lab Analysis		0	
	Sodium	mg/L	Lab Analysis		0	
	Sulphate	mg/L	Lab Analysis		0	
33 (P33)	Conductivity	µs/cm	In situ	Quarterly	0	Not scheduled for sampling during sampling period
	pH	pH	In situ		0	
	SWL	mbtoc	In situ		0	
	Bicarbonate	mg/L	Lab Analysis		0	
	Calcium	mg/L	Lab Analysis		0	

	Carbonate	mg/L	Lab Analysis		0	
	Chloride	mg/L	Lab Analysis		0	
	Magnesium	mg/L	Lab Analysis		0	
	Potassium	mg/L	Lab Analysis		0	
	Sodium	mg/L	Lab Analysis		0	
	Sulphate	mg/L	Lab Analysis		0	
34 (P34)	Conductivity	µs/cm	In situ	Quarterly	0	Not scheduled for sampling during sampling period
	pH	pH	In situ		0	
	SWL	mbtoc	In situ		0	
	Bicarbonate	mg/L	Lab Analysis		0	
	Calcium	mg/L	Lab Analysis		0	
	Carbonate	mg/L	Lab Analysis		0	
	Chloride	mg/L	Lab Analysis		0	
	Magnesium	mg/L	Lab Analysis		0	
	Potassium	mg/L	Lab Analysis		0	
	Sodium	mg/L	Lab Analysis		0	
	Sulphate	mg/L	Lab Analysis		0	
35 (P58)	Conductivity	µs/cm	In situ	Quarterly	0	
	pH	pH	In situ		0	
	SWL	mbtoc	In situ		0	

	Bicarbonate	mg/L	Lab Analysis		0	<i>Not scheduled for sampling during sampling period</i>
	Calcium	mg/L	Lab Analysis		0	
	Carbonate	mg/L	Lab Analysis		0	
	Chloride	mg/L	Lab Analysis		0	
	Magnesium	mg/L	Lab Analysis		0	
	Potassium	mg/L	Lab Analysis		0	
	Sodium	mg/L	Lab Analysis		0	
	Sulfate	mg/L	Lab Analysis		0	
36 (P83)	Conductivity	µs/cm	In situ	Quarterly	0	<i>Not scheduled for sampling during sampling period</i>
	pH	pH	In situ		0	
	SWL	mbtoc	In situ		0	
	Bicarbonate	mg/L	Lab Analysis		0	
	Calcium	mg/L	Lab Analysis		0	
	Carbonate	mg/L	Lab Analysis		0	
	Chloride	mg/L	Lab Analysis		0	
	Magnesium	mg/L	Lab Analysis		0	
	Potassium	mg/L	Lab Analysis		0	
	Sodium	mg/L	Lab Analysis		0	
	Sulphate	mg/L	Lab Analysis		0	

37 (P84)	Conductivity	µs/cm	In situ	Quarterly	0	Not scheduled for sampling during sampling period
	pH	pH	In situ		0	
	SWL	mbtoc	In situ		0	
	Bicarbonate	mg/L	Lab Analysis		0	
	Calcium	mg/L	Lab Analysis		0	
	Carbonate	mg/L	Lab Analysis		0	
	Chloride	mg/L	Lab Analysis		0	
	Magnesium	mg/L	Lab Analysis		0	
	Potassium	mg/L	Lab Analysis		0	
	Sodium	mg/L	Lab Analysis		0	
	Sulphate	mg/L	Lab Analysis		0	
38 (P85)	Conductivity	µs/cm	In situ	Quarterly	0	Not scheduled for sampling during sampling period
	pH	pH	In situ		0	
	SWL	mbtoc	In situ		0	
	Bicarbonate	mg/L	Lab Analysis		0	
	Calcium	mg/L	Lab Analysis		0	
	Carbonate	mg/L	Lab Analysis		0	
	Chloride	mg/L	Lab Analysis		0	
	Magnesium	mg/L	Lab Analysis		0	
	Potassium	mg/L	Lab Analysis		0	

	Sodium	mg/L	Lab Analysis		0	
	Sulfate	mg/L	Lab Analysis		0	
39 (P88)	Conductivity	µs/cm	In situ	Quarterly	0	Not scheduled for sampling during sampling period
	pH	pH	In situ		0	
	SWL	mbtoc	In situ		0	
	Bicarbonate	mg/L	Lab Analysis		0	
	Calcium	mg/L	Lab Analysis		0	
	Carbonate	mg/L	Lab Analysis		0	
	Chloride	mg/L	Lab Analysis		0	
	Magnesium	mg/L	Lab Analysis		0	
	Potassium	mg/L	Lab Analysis		0	
	Sodium	mg/L	Lab Analysis		0	
	Sulfate	mg/L	Lab Analysis		0	
40 (P89)	Conductivity	µs/cm	In situ	Quarterly	0	Not scheduled for sampling during sampling period
	pH	pH	In situ		0	
	SWL	mbtoc	In situ		0	
	Bicarbonate	mg/L	Lab Analysis		0	
	Calcium	mg/L	Lab Analysis		0	
	Carbonate	mg/L	Lab Analysis		0	
	Chloride	mg/L	Lab Analysis		0	

	Magnesium	mg/L	Lab Analysis		0						
	Potassium	mg/L	Lab Analysis		0						
	Sodium	mg/L	Lab Analysis		0						
	Sulphate	mg/L	Lab Analysis		0						
43 (SD9)	Conductivity	µs/cm	In situ	Upon discharge (within 12 hours)	1	29/03/2025	07/04/2025	NA	NA	NA	154
	TOC	mg/L	Lab Analysis		1	29/03/2025	07/04/2025	NA	NA	NA	4
44 (KCTOP)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43	1	29/03/2025	07/04/2025	NA	NA	NA	9.19
	TOC	mg/L	Lab Analysis		1	29/03/2025	07/04/2025	NA	NA	NA	9
	Oil & Grease	mg/L	Lab Analysis		1	29/03/2025	07/04/2025	NA	NA	NA	<5
	pH	pH	In situ		1	29/03/2025	07/04/2025	NA	NA	NA	6.95
	TSS	mg/L	Lab Analysis		1	29/03/2025	07/04/2025	NA	NA	NA	154

Table 2 - Pollutant Limits Apply (Water)

EPL ID	Pollutant	Units of Measure	Sample Method	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Max or Only Value	EPL Limit	Exceedance (Yes/No)	Comments (Mine Site Sample ID)
11	TSS	mg/L	Lab Analysis	Upon discharge	1	30/03/2025	07/04/2025	NA	NA	156	50	No ^a	SD4
	Oil & Grease	mg/L	Lab Analysis		1	30/03/2025	07/04/2025	NA	NA	<5	10	No	
	pH	pH	In situ		1	30/03/2025	07/04/2025	NA	NA	8.38	6.5-8.5	No	
13	TSS	mg/L	Lab Analysis	Upon discharge	1	29/03/2025	07/04/2025	NA	NA	98	50	No ^a	SD2
	Oil & Grease	mg/L	Lab Analysis		1	29/03/2025	07/04/2025	NA	NA	<5	10	No	
	pH	pH	In situ		1	29/03/2025	07/04/2025	NA	NA	8.34	6.5-8.5	No	
18	TSS	mg/L	Lab Analysis	Upon discharge	0	<i>No discharge occurred during sampling period</i>					50	NA	SD7
	Oil & Grease	mg/L	Lab Analysis		0						10	NA	
	pH	pH	In situ		0						6.5-8.5	NA	
24	TDS	mg/L	Lab Analysis	Upon discharge	0	<i>Namoi discharge point – Not constructed or currently utilised.</i>					350	NA	NR1
	pH	pH	In situ		0						6.5-8.5	NA	
27	TSS	mg/L	Lab Analysis	Upon discharge	0	<i>No discharge occurred during sampling period</i>					50	NA	SD8
	Oil & Grease	mg/L	Lab Analysis		0						10	NA	
	pH	pH	In situ		0						6.5-8.5	NA	
43	TSS	mg/L	Lab Analysis	Upon discharge	1	29/03/2025	07/04/2025	NA	NA	772	50	No ^a	SD9
	Oil & Grease	mg/L	Lab Analysis		1	29/03/2025	07/04/2025	NA	NA	<5	10	No	
	pH	pH	In situ		1	29/03/2025	07/04/2025	NA	NA	7.98	6.5-8.5	No	

^a Total Suspended Solids (TSS) concentration limit did not apply as per EPL12789 Condition L2.5(a) as the controlled discharge occurred solely because of rainfall exceeding 38.4mm over a consecutive 5-day period (triggered 28/03/2025).

Table 3 – Quarterly Attended Noise Monitoring results summary table

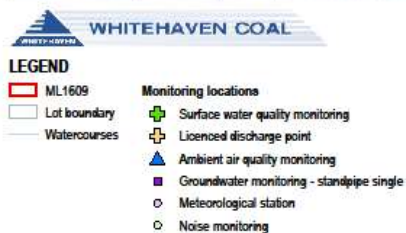
EPL ID	Date	Measured Levels – dB(A) Leq 15min Day	Measured Levels – dB(A) Leq 15min Evening	Measured Levels – dB(A) Leq 15min Night	Measured Levels – dB(A) LA1 (1 min) Night	Limit(s)	Measurement Periods	Weather Compliant Conditions (D/E/N)			Compliant (Yes/No)	Date Obtained
N5 ¹	24/03/2025 ²	N/M	I/A	25	28	<u>Day, Evening & Night:</u> 35 <u>LA1 (1 min):</u> 45	Day – 1.5 hrs	N	Y	Y	Y	15/04/2025
	25/03/2025 ²	I/A	32	27	36		Evening – 0.5 hrs	N	Y	Y	Y	
	26/03/2025 ²	I/A	20	I/A	I/A		Night – 1 hr	N	Y	Y	Y	
N6	24/03/2025 ²	30	26	20	23	<u>Day, Evening & Night:</u> 35 <u>LA1 (1 min):</u> 45	Day – 1.5 hrs	Y	Y	Y	Y	
	25/03/2025 ²	N/M	N/M	30	39		Evening – 0.5 hrs	N	Y	Y	Y	
	26/03/2025 ²	30	N/M	N/M	N/M		Night – 1 hr	Y	Y	Y	Y	
N8 ¹	24/03/2025 ²	32	I/A	I/A	I/A	<u>Day, Evening & Night:</u> 35 <u>LA1 (1 min):</u> 45	Day – 1.5 hrs	N	Y	Y	Y	
	25/03/2025 ²	I/A	N/M	N.M	N/M		Evening – 0.5 hrs	N	Y	Y	Y	
	26/03/2025 ²	I/A	25	30	32		Night – 1 hr	N	Y	Y	Y	
N9	24/03/2025 ²	32	I/A	I/A	I/A	<u>Day, Evening & Night:</u> 35 <u>LA1 (1 min):</u> 45	Day – 1.5 hrs	Y	Y	Y	Y	
	25/03/2025 ²	I/A	I/A	30	34		Evening – 0.5 hrs	N	Y	Y	Y	
	26/03/2025 ²	I/A	I/A	I/A	I/A		Night – 1 hr	Y	Y	Y	Y	

I/A = Inaudible, N/M = Not Measurable

Note 1: Property is owned by Narrabri Coal Operations. Noise limits contained in Conditions 1-3, Schedule 4 of PA 08_0144 Mod 2 and the identical limits contained in condition L3 of Environment Protection Licence No 12789 are not applicable.

Note 2: Evening and Night monitoring conducted on this date, Day monitoring conducted during the following day period

Figure 1 – EPL 12789 Monitoring Locations





NARRABRI MINE – MONTHLY MONITORING SUMMARY

Site Information

EPL No: 12789

EPA Website Link: <http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=106922&SYSUID=1&LICID=12789>

Licensee: Narrabri Coal Operations Pty Ltd

Licensee Address: Narrabri Mine, 10 Kurrajong Creek Road, BAAN BAA NSW 2390

EPL Monitoring Points: See Figure 1 below

Sampling Period: April 2025

Obtained Date: 29.04.2025

Publication Date: 16.05.2025

Table 1 – No Pollutant Limits Apply

EPA ID	Pollutant	Units of Measure	Sample Method	Monitoring Frequency	No. of Samples for the Month	Dates Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
ND3	Deposited Matter	g/m ² /month	Lab Analysis	Once a month (min. 4 weeks)	1	11/04/2025	29/04/2025	NA	NA	NA	0.4
11 (SD4)	Conductivity	µs/cm	In situ	Upon discharge (within 12 hours)	<i>No discharge occurred during sampling period (SD4)</i>						
	TOC	mg/L	Lab Analysis								
13 (SD2)	Conductivity	µs/cm	In situ	Upon discharge (within 12 hours)	1	03/04/2025	10/04/2025	NA	NA	NA	314
	TOC	mg/L	Lab Analysis		1	03/04/2025	10/04/2025	NA	NA	NA	13
14 (KC1US)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27, 43	<i>No discharge occurred during sampling period of EPA 11</i>						
	TOC	mg/L	Lab Analysis								
	Oil & Grease	mg/L	Lab Analysis								
	pH	pH	In situ								
	TSS	mg/L	Lab Analysis								
15 (KC1DS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27, 43	<i>No discharge occurred during sampling period of EPA 11</i>						
	TOC	mg/L	Lab Analysis								
	Oil & Grease	mg/L	Lab Analysis								
	pH	pH	In situ								
	TSS	mg/L	Lab Analysis								

16 (KC2US)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27, 43	1	03/04/2025	10/04/2025	NA	NA	NA	74.9
	TOC	mg/L	Lab Analysis		1	03/04/2025	10/04/2025	NA	NA	NA	14
	Oil & Grease	mg/L	Lab Analysis		1	03/04/2025	10/04/2025	NA	NA	NA	<5
	pH	pH	In situ		1	03/04/2025	10/04/2025	NA	NA	NA	7.15
	TSS	mg/L	Lab Analysis		1	03/04/2025	10/04/2025	NA	NA	NA	10
17 (KC2DS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43	1	03/04/2025	10/04/2025	NA	NA	NA	104.3
	TOC	mg/L	Lab Analysis		1	03/04/2025	10/04/2025	NA	NA	NA	14
	Oil & Grease	mg/L	Lab Analysis		1	03/04/2025	10/04/2025	NA	NA	NA	<5
	pH	pH	In situ		1	03/04/2025	10/04/2025	NA	NA	NA	7.25
	TSS	mg/L	Lab Analysis		1	03/04/2025	10/04/2025	NA	NA	NA	17
18 (SD7)	Conductivity	µs/cm	In Situ	Upon discharge (within 12 hours)	No discharge occurred during sampling period (SD7)						
	TOC	mg/L	Lab Analysis								
19 (KCUS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43	Sampled prior to discharge of EPA 43 (29.03.2025)						
	TOC	mg/L	Lab Analysis								
	Oil & Grease	mg/L	Lab Analysis								
	pH	pH	In situ								
	TSS	mg/L	Lab Analysis								
20 (KCDS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter &	Ambient flow sampled (31.03.2025) following significant rain event trigger (28.03.2025)						
	TOC	mg/L	Lab Analysis								

	Oil & Grease	mg/L	Lab Analysis	after each wet weather discharge from points 11, 13, 18,27,43		
	pH	pH	In situ			
	TSS	mg/L	Lab Analysis			
21 (PCa)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43	<i>Ambient flow sampled (31.03.2025) following significant rain event trigger (28.03.2025)</i>	
	TOC	mg/L	Lab Analysis			
	Oil & Grease	mg/L	Lab Analysis			
	pH	pH	In situ			
	TSS	mg/L	Lab Analysis			
22 (PC1)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43	<i>Ambient flow sampled (31.03.2025) following significant rain event trigger (28.03.2025)</i>	
	TOC	mg/L	Lab Analysis			
	Oil & Grease	mg/L	Lab Analysis			
	pH	pH	In situ			
	TSS	mg/L	Lab Analysis			
24 (NR1)	pH	pH	In situ	Upon Discharge (within 4 hrs)	<i>Namoi discharge point – Not constructed or currently utilised (NR1)</i>	
	TDS	mg/L	Lab Analysis			
25 (NRUS)	pH	pH	In situ	Upon Discharge (within 4 hrs)	<i>Namoi discharge point – Not constructed or currently utilised (NRUS)</i>	
	TDS	mg/L	Lab Analysis			
26 (NRDS)	pH	pH	In situ	Upon Discharge (within 4 hrs)	<i>Namoi discharge point – Not constructed or currently utilised (NRDS)</i>	
	TDS	mg/L	Lab Analysis			
28 (P28)	Conductivity	µs/cm	In situ	Quarterly	0	
	pH	pH	In situ		0	

	SWL	mbtoc	In situ		0	<i>Not scheduled for sampling during sampling period</i>
	Bicarbonate	mg/L	Lab Analysis		0	
	Calcium	mg/L	Lab Analysis		0	
	Carbonate	mg/L	Lab Analysis		0	
	Chloride	mg/L	Lab Analysis		0	
	Magnesium	mg/L	Lab Analysis		0	
	Potassium	mg/L	Lab Analysis		0	
	Sodium	mg/L	Lab Analysis		0	
	Sulphate	mg/L	Lab Analysis		0	
29 (P29)	Conductivity	µs/cm	In situ	Quarterly	0	<i>Not scheduled for sampling during sampling period</i>
	pH	pH	In situ		0	
	SWL	mbtoc	In situ		0	
	Bicarbonate	mg/L	Lab Analysis		0	
	Calcium	mg/L	Lab Analysis		0	
	Carbonate	mg/L	Lab Analysis		0	
	Chloride	mg/L	Lab Analysis		0	
	Magnesium	mg/L	Lab Analysis		0	
	Potassium	mg/L	Lab Analysis		0	
	Sodium	mg/L	Lab Analysis		0	

	Sulphate	mg/L	Lab Analysis		0	
30 (P30)	Conductivity	µs/cm	In situ	Quarterly	0	Not scheduled for sampling during sampling period
	pH	pH	In situ		0	
	SWL	mbtoc	In situ		0	
	Bicarbonate	mg/L	Lab Analysis		0	
	Calcium	mg/L	Lab Analysis		0	
	Carbonate	mg/L	Lab Analysis		0	
	Chloride	mg/L	Lab Analysis		0	
	Magnesium	mg/L	Lab Analysis		0	
	Potassium	mg/L	Lab Analysis		0	
	Sodium	mg/L	Lab Analysis		0	
	Sulphate	mg/L	Lab Analysis		0	
31 (P31)	Conductivity	µs/cm	In situ	Quarterly	0	Not scheduled for sampling during sampling period
	pH	pH	In situ		0	
	SWL	mbtoc	In situ		0	
	Bicarbonate	mg/L	Lab Analysis		0	
	Calcium	mg/L	Lab Analysis		0	
	Carbonate	mg/L	Lab Analysis		0	
	Chloride	mg/L	Lab Analysis		0	

	Magnesium	mg/L	Lab Analysis		0	
	Potassium	mg/L	Lab Analysis		0	
	Sodium	mg/L	Lab Analysis		0	
	Sulphate	mg/L	Lab Analysis		0	
32 (P32)	Conductivity	µs/cm	In situ	Quarterly	0	Not scheduled for sampling during sampling period
	pH	pH	In situ		0	
	SWL	mbtoc	In situ		0	
	Bicarbonate	mg/L	Lab Analysis		0	
	Calcium	mg/L	Lab Analysis		0	
	Carbonate	mg/L	Lab Analysis		0	
	Chloride	mg/L	Lab Analysis		0	
	Magnesium	mg/L	Lab Analysis		0	
	Potassium	mg/L	Lab Analysis		0	
	Sodium	mg/L	Lab Analysis		0	
	Sulphate	mg/L	Lab Analysis		0	
33 (P33)	Conductivity	µs/cm	In situ	Quarterly	0	Not scheduled for sampling during sampling period
	pH	pH	In situ		0	
	SWL	mbtoc	In situ		0	
	Bicarbonate	mg/L	Lab Analysis		0	
	Calcium	mg/L	Lab Analysis		0	

	Carbonate	mg/L	Lab Analysis		0	
	Chloride	mg/L	Lab Analysis		0	
	Magnesium	mg/L	Lab Analysis		0	
	Potassium	mg/L	Lab Analysis		0	
	Sodium	mg/L	Lab Analysis		0	
	Sulphate	mg/L	Lab Analysis		0	
34 (P34)	Conductivity	µs/cm	In situ	Quarterly	0	Not scheduled for sampling during sampling period
	pH	pH	In situ		0	
	SWL	mbtoc	In situ		0	
	Bicarbonate	mg/L	Lab Analysis		0	
	Calcium	mg/L	Lab Analysis		0	
	Carbonate	mg/L	Lab Analysis		0	
	Chloride	mg/L	Lab Analysis		0	
	Magnesium	mg/L	Lab Analysis		0	
	Potassium	mg/L	Lab Analysis		0	
	Sodium	mg/L	Lab Analysis		0	
	Sulphate	mg/L	Lab Analysis		0	
35 (P58)	Conductivity	µs/cm	In situ	Quarterly	0	
	pH	pH	In situ		0	
	SWL	mbtoc	In situ		0	

	Bicarbonate	mg/L	Lab Analysis		0	<i>Not scheduled for sampling during sampling period</i>
	Calcium	mg/L	Lab Analysis		0	
	Carbonate	mg/L	Lab Analysis		0	
	Chloride	mg/L	Lab Analysis		0	
	Magnesium	mg/L	Lab Analysis		0	
	Potassium	mg/L	Lab Analysis		0	
	Sodium	mg/L	Lab Analysis		0	
	Sulfate	mg/L	Lab Analysis		0	
36 (P83)	Conductivity	µs/cm	In situ	Quarterly	0	<i>Not scheduled for sampling during sampling period</i>
	pH	pH	In situ		0	
	SWL	mbtoc	In situ		0	
	Bicarbonate	mg/L	Lab Analysis		0	
	Calcium	mg/L	Lab Analysis		0	
	Carbonate	mg/L	Lab Analysis		0	
	Chloride	mg/L	Lab Analysis		0	
	Magnesium	mg/L	Lab Analysis		0	
	Potassium	mg/L	Lab Analysis		0	
	Sodium	mg/L	Lab Analysis		0	
	Sulphate	mg/L	Lab Analysis		0	

37 (P84)	Conductivity	µs/cm	In situ	Quarterly	0	Not scheduled for sampling during sampling period
	pH	pH	In situ		0	
	SWL	mbtoc	In situ		0	
	Bicarbonate	mg/L	Lab Analysis		0	
	Calcium	mg/L	Lab Analysis		0	
	Carbonate	mg/L	Lab Analysis		0	
	Chloride	mg/L	Lab Analysis		0	
	Magnesium	mg/L	Lab Analysis		0	
	Potassium	mg/L	Lab Analysis		0	
	Sodium	mg/L	Lab Analysis		0	
	Sulphate	mg/L	Lab Analysis		0	
38 (P85)	Conductivity	µs/cm	In situ	Quarterly	0	Not scheduled for sampling during sampling period
	pH	pH	In situ		0	
	SWL	mbtoc	In situ		0	
	Bicarbonate	mg/L	Lab Analysis		0	
	Calcium	mg/L	Lab Analysis		0	
	Carbonate	mg/L	Lab Analysis		0	
	Chloride	mg/L	Lab Analysis		0	
	Magnesium	mg/L	Lab Analysis		0	
	Potassium	mg/L	Lab Analysis		0	

	Sodium	mg/L	Lab Analysis		0	
	Sulfate	mg/L	Lab Analysis		0	
39 (P88)	Conductivity	µs/cm	In situ	Quarterly	0	Not scheduled for sampling during sampling period
	pH	pH	In situ		0	
	SWL	mbtoc	In situ		0	
	Bicarbonate	mg/L	Lab Analysis		0	
	Calcium	mg/L	Lab Analysis		0	
	Carbonate	mg/L	Lab Analysis		0	
	Chloride	mg/L	Lab Analysis		0	
	Magnesium	mg/L	Lab Analysis		0	
	Potassium	mg/L	Lab Analysis		0	
	Sodium	mg/L	Lab Analysis		0	
	Sulfate	mg/L	Lab Analysis		0	
40 (P89)	Conductivity	µs/cm	In situ	Quarterly	0	Not scheduled for sampling during sampling period
	pH	pH	In situ		0	
	SWL	mbtoc	In situ		0	
	Bicarbonate	mg/L	Lab Analysis		0	
	Calcium	mg/L	Lab Analysis		0	
	Carbonate	mg/L	Lab Analysis		0	
	Chloride	mg/L	Lab Analysis		0	

	Magnesium	mg/L	Lab Analysis		0	
	Potassium	mg/L	Lab Analysis		0	
	Sodium	mg/L	Lab Analysis		0	
	Sulphate	mg/L	Lab Analysis		0	
43 (SD9)	Conductivity	µs/cm	In situ	Upon discharge (within 12 hours)	0	Discharge commenced 29.03.2025, ceased 04.04.2025
	TOC	mg/L	Lab Analysis		0	
44 (KCTOP)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43	0	Sampled prior to discharge of EPA 43 (29.03.2025)
	TOC	mg/L	Lab Analysis		0	
	Oil & Grease	mg/L	Lab Analysis		0	
	pH	pH	In situ		0	
	TSS	mg/L	Lab Analysis		0	

Table 2 - Pollutant Limits Apply (Water)

EPL ID	Pollutant	Units of Measure	Sample Method	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Max or Only Value	EPL Limit	Exceedance (Yes/No)	Comments (Mine Site Sample ID)
11	TSS	mg/L	Lab Analysis	Upon discharge	0	<i>No discharge occurred during sampling period</i>					50	No ^a	SD4
	Oil & Grease	mg/L	Lab Analysis		0						10	No	
	pH	pH	In situ		0						6.5-8.5	No	
13	TSS	mg/L	Lab Analysis	Upon discharge	1	03/04/2025	10/10/2025	NA	NA	51	50	No ^a	SD2
	Oil & Grease	mg/L	Lab Analysis		1	03/04/2025	10/10/2025	NA	NA	<5	10	No	
	pH	pH	In situ		1	03/04/2025	10/10/2025	NA	NA	8.12	6.5-8.5	No	
18	TSS	mg/L	Lab Analysis	Upon discharge	0	<i>No discharge occurred during sampling period</i>					50	NA	SD7
	Oil & Grease	mg/L	Lab Analysis		0						10	NA	
	pH	pH	In situ		0						6.5-8.5	NA	
24	TDS	mg/L	Lab Analysis	Upon discharge	0	<i>Namoi discharge point – Not constructed or currently utilised.</i>					350	NA	NR1
	pH	pH	In situ		0						6.5-8.5	NA	
27	TSS	mg/L	Lab Analysis	Upon discharge	0	<i>No discharge occurred during sampling period</i>					50	NA	SD8
	Oil & Grease	mg/L	Lab Analysis		0						10	NA	
	pH	pH	In situ		0						6.5-8.5	NA	
43	TSS	mg/L	Lab Analysis	Upon discharge	0	Discharge commenced 29.03.2025, ceased 04.04.2025					50	No ^a	SD9
	Oil & Grease	mg/L	Lab Analysis		0						10	No	
	pH	pH	In situ		0						6.5-8.5	No	

^a Total Suspended Solids (TSS) concentration limit did not apply as per EPL12789 Condition L2.5(a) as the controlled discharge occurred solely because of rainfall exceeding 38.4mm over a consecutive 5-day period (triggered 28/03/2025).

Table 3 – Quarterly Attended Noise Monitoring results summary table

Nosie monitoring not scheduled in April 2025. Next scheduled sampling is for June 2025.

EPL ID	Date	Measured Levels – dB(A) L _{eq} 15min Day	Measured Levels – dB(A) L _{eq} 15min Evening	Measured Levels – dB(A) L _{eq} 15min Night	Measured Levels – dB(A) L _{A1} (1 min) Night	Limit(s)	Measurement Periods	Weather Compliant Conditions (D/E/N)			Compliant (Yes/No)	Date Obtained
N5						<u>Day, Evening & Night:</u> 35	Day – 1.5 hrs					
						<u>Night</u>	Evening – 0.5 hrs					
						<u>L_{A1} (1 min):</u> 45	Night – 1 hr					
N6						<u>Day, Evening & Night:</u> 35	Day – 1.5 hrs					
						<u>Night</u>	Evening – 0.5 hrs					
						<u>L_{A1} (1 min):</u> 45	Night – 1 hr					
N8						<u>Day, Evening & Night:</u> 35	Day – 1.5 hrs					
						<u>Night</u>	Evening – 0.5 hrs					
						<u>L_{A1} (1 min):</u> 45	Night – 1 hr					
N9						<u>Day, Evening & Night:</u> 35	Day – 1.5 hrs					
						<u>Night</u>	Evening – 0.5 hrs					
						<u>L_{A1} (1 min):</u> 45	Night – 1 hr					



NARRABRI MINE – MONTHLY MONITORING SUMMARY

Site Information

EPL No: 12789

EPA Website Link: <http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=106922&SYSUID=1&LICID=12789>

Licensee: Narrabri Coal Operations Pty Ltd

Licensee Address: Narrabri Mine, 10 Kurrajong Creek Road, BAAN BAA NSW 2390

EPL Monitoring Points: See Figure 1 below

Sampling Period: May 2025

Obtained Date: 17.06.2025

Publication Date: 18.06.2025

Table 1 – No Pollutant Limits Apply

EPL ID	Pollutant	Units of Measure	Sample Method	Monitoring Frequency	No. of Samples for the Month	Dates Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
ND3	Deposited Matter	g/m ² /month	Lab Analysis	Once a month (min. 4 weeks)	1	12/05/2025	28/05/2025	NA	NA	NA	0.2
11 (SD4)	Conductivity	µs/cm	In situ	Upon discharge (within 12 hours)	No discharge occurred during sampling period (SD4)						
	TOC	mg/L	Lab Analysis								
13 (SD2)	Conductivity	µs/cm	In situ	Upon discharge (within 12 hours)	No discharge occurred during sampling period (SD2)						
	TOC	mg/L	Lab Analysis								
14 (KC1US)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27, 43	No discharge occurred during sampling period of EPA 11						
	TOC	mg/L	Lab Analysis								
	Oil & Grease	mg/L	Lab Analysis								
	pH	pH	In situ								
	TSS	mg/L	Lab Analysis								
15 (KC1DS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27, 43	No discharge occurred during sampling period of EPA 11						
	TOC	mg/L	Lab Analysis								
	Oil & Grease	mg/L	Lab Analysis								
	pH	pH	In situ								
	TSS	mg/L	Lab Analysis								

16 (KC2US)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27, 43	No discharge occurred during sampling period of EPA 13
	TOC	mg/L	Lab Analysis		
	Oil & Grease	mg/L	Lab Analysis		
	pH	pH	In situ		
	TSS	mg/L	Lab Analysis		
17 (KC2DS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43	No discharge occurred during sampling period of EPA 13
	TOC	mg/L	Lab Analysis		
	Oil & Grease	mg/L	Lab Analysis		
	pH	pH	In situ		
	TSS	mg/L	Lab Analysis		
18 (SD7)	Conductivity	µs/cm	In Situ	Upon discharge (within 12 hours)	No discharge occurred during sampling period (SD7)
	TOC	mg/L	Lab Analysis		
19 (KCUS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43	No discharge occurred during sampling period of EPA 43
	TOC	mg/L	Lab Analysis		
	Oil & Grease	mg/L	Lab Analysis		
	pH	pH	In situ		
	TSS	mg/L	Lab Analysis		
20 (KCDS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter &	No discharge occurred during sampling period of EPA 43
	TOC	mg/L	Lab Analysis		

	Oil & Grease	mg/L	Lab Analysis	after each wet weather discharge from points 11, 13, 18,27,43	
	pH	pH	In situ		
	TSS	mg/L	Lab Analysis		
21 (PCa)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43	<i>Not scheduled for sampling during sampling period</i>
	TOC	mg/L	Lab Analysis		
	Oil & Grease	mg/L	Lab Analysis		
	pH	pH	In situ		
	TSS	mg/L	Lab Analysis		
22 (PC1)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43	<i>Not scheduled for sampling during sampling period</i>
	TOC	mg/L	Lab Analysis		
	Oil & Grease	mg/L	Lab Analysis		
	pH	pH	In situ		
	TSS	mg/L	Lab Analysis		
24 (NR1)	pH	pH	In situ	Upon Discharge (within 4 hrs)	<i>Namoi discharge point – Not constructed or currently utilised (NR1)</i>
	TDS	mg/L	Lab Analysis		
25 (NRUS)	pH	pH	In situ	Upon Discharge (within 4 hrs)	<i>Namoi discharge point – Not constructed or currently utilised (NRUS)</i>
	TDS	mg/L	Lab Analysis		
26 (NRDS)	pH	pH	In situ	Upon Discharge (within 4 hrs)	<i>Namoi discharge point – Not constructed or currently utilised (NRDS)</i>
	TDS	mg/L	Lab Analysis		
28 (P28)	Conductivity	µs/cm	In situ	Quarterly	
	pH	pH	In situ		

	SWL	mbtoc	In situ		Bore was dry during sampling period						
	Bicarbonate	mg/L	Lab Analysis								
	Calcium	mg/L	Lab Analysis								
	Carbonate	mg/L	Lab Analysis								
	Chloride	mg/L	Lab Analysis								
	Magnesium	mg/L	Lab Analysis								
	Potassium	mg/L	Lab Analysis								
	Sodium	mg/L	Lab Analysis								
	Sulphate	mg/L	Lab Analysis								
29 (P29)	Conductivity	µs/cm	In situ	Quarterly	1	28.05.2025	17.06.2025	NA	NA	NA	15620
	pH	pH	In situ		1	28.05.2025	17.06.2025	NA	NA	NA	7.19
	SWL	mbtoc	In situ		1	28.05.2025	17.06.2025	NA	NA	NA	4.38
	Bicarbonate	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	778
	Calcium	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	99
	Carbonate	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	<1
	Chloride	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	4650
	Magnesium	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	224
	Potassium	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	4
	Sodium	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	2790

	Sulphate	mg/L	Lab Analysis		0	28.05.2025	17.06.2025	NA	NA	NA	632
30 (P30)	Conductivity	µs/cm	In situ	Quarterly	1	28.05.2025	17.06.2025	NA	NA	NA	17520
	pH	pH	In situ		1	28.05.2025	17.06.2025	NA	NA	NA	6.85
	SWL	mbtoc	In situ		1	28.05.2025	17.06.2025	NA	NA	NA	11.25
	Bicarbonate	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	981
	Calcium	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	150
	Carbonate	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	<1
	Chloride	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	5000
	Magnesium	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	364
	Potassium	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	20
	Sodium	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	3140
	Sulphate	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	1150
31 (P31)	Conductivity	µs/cm	In situ	Quarterly	1	28.05.2025	17.06.2025	NA	NA	NA	7360
	pH	pH	In situ		1	28.05.2025	17.06.2025	NA	NA	NA	7.13
	SWL	mbtoc	In situ		1	28.05.2025	17.06.2025	NA	NA	NA	16.20
	Bicarbonate	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	943
	Calcium	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	85
	Carbonate	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	<1
	Chloride	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	1640
	Magnesium	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	156

	Potassium	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	13
	Sodium	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	1180
	Sulphate	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	342
32 (P32)	Conductivity	µs/cm	In situ	Quarterly	1	28.05.2025	17.06.2025	NA	NA	NA	2141
	pH	pH	In situ		1	28.05.2025	17.06.2025	NA	NA	NA	8.26
	SWL	mbtoc	In situ		1	28.05.2025	17.06.2025	NA	NA	NA	6.82
	Bicarbonate	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	973
	Calcium	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	1
	Carbonate	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	57
	Chloride	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	86
	Magnesium	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	5
	Potassium	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	<1
	Sodium	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	498
	Sulphate	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	87
33 (P33)	Conductivity	µs/cm	In situ	Quarterly	1	28.05.2025	17.06.2025	NA	NA	NA	4760
	pH	pH	In situ		1	28.05.2025	17.06.2025	NA	NA	NA	7.04
	SWL	mbtoc	In situ		1	28.05.2025	17.06.2025	NA	NA	NA	14.21
	Bicarbonate	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	344
	Calcium	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	5
	Carbonate	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	<1

	Chloride	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	907
	Magnesium	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	14
	Potassium	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	3
	Sodium	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	775
	Sulphate	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	141
34 (P34)	Conductivity	µs/cm	In situ	Quarterly	Bore was dry during sampling period						
	pH	pH	In situ								
	SWL	mbtoc	In situ								
	Bicarbonate	mg/L	Lab Analysis								
	Calcium	mg/L	Lab Analysis								
	Carbonate	mg/L	Lab Analysis								
	Chloride	mg/L	Lab Analysis								
	Magnesium	mg/L	Lab Analysis								
	Potassium	mg/L	Lab Analysis								
	Sodium	mg/L	Lab Analysis								
	Sulphate	mg/L	Lab Analysis								
35 (P58)	Conductivity	µs/cm	In situ	Quarterly	1	28.05.2025	17.06.2025	NA	NA	NA	12560
	pH	pH	In situ		1	28.05.2025	17.06.2025	NA	NA	NA	7.29
	SWL	mbtoc	In situ		1	28.05.2025	17.06.2025	NA	NA	NA	19.00
	Bicarbonate	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	4430

	Calcium	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	38
	Carbonate	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	<1
	Chloride	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	1910
	Magnesium	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	69
	Potassium	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	78
	Sodium	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	3030
	Sulfate	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	162
36 (P83)	Conductivity	µs/cm	In situ	Quarterly	Bore was dry during sampling period						
	pH	pH	In situ								
	SWL	mbtoc	In situ								
	Bicarbonate	mg/L	Lab Analysis								
	Calcium	mg/L	Lab Analysis								
	Carbonate	mg/L	Lab Analysis								
	Chloride	mg/L	Lab Analysis								
	Magnesium	mg/L	Lab Analysis								
	Potassium	mg/L	Lab Analysis								
	Sodium	mg/L	Lab Analysis								
	Sulphate	mg/L	Lab Analysis								

37 (P84)	Conductivity	µs/cm	In situ	Quarterly	1	28.05.2025	17.06.2025	NA	NA	NA	22940
	pH	pH	In situ		1	28.05.2025	17.06.2025	NA	NA	NA	6.72
	SWL	mbtoc	In situ		1	28.05.2025	17.06.2025	NA	NA	NA	13.52
	Bicarbonate	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	2580
	Calcium	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	92
	Carbonate	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	<1
	Chloride	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	6130
	Magnesium	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	395
	Potassium	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	36
	Sodium	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	4440
	Sulphate	mg/L	Lab Analysis		1	28.05.2025	17.06.2025	NA	NA	NA	1130
38 (P85)	Conductivity	µs/cm	In situ	Quarterly	0	Bore was dry during sampling period					
	pH	pH	In situ		0						
	SWL	mbtoc	In situ		0						
	Bicarbonate	mg/L	Lab Analysis		0						
	Calcium	mg/L	Lab Analysis		0						
	Carbonate	mg/L	Lab Analysis		0						
	Chloride	mg/L	Lab Analysis		0						
	Magnesium	mg/L	Lab Analysis		0						
	Potassium	mg/L	Lab Analysis		0						

	Sodium	mg/L	Lab Analysis		0	
	Sulfate	mg/L	Lab Analysis		0	
39 (P88)	Conductivity	µs/cm	In situ	Quarterly	0	Bore was dry during sampling period
	pH	pH	In situ		0	
	SWL	mbtoc	In situ		0	
	Bicarbonate	mg/L	Lab Analysis		0	
	Calcium	mg/L	Lab Analysis		0	
	Carbonate	mg/L	Lab Analysis		0	
	Chloride	mg/L	Lab Analysis		0	
	Magnesium	mg/L	Lab Analysis		0	
	Potassium	mg/L	Lab Analysis		0	
	Sodium	mg/L	Lab Analysis		0	
	Sulfate	mg/L	Lab Analysis		0	
40 (P89)	Conductivity	µs/cm	In situ	Quarterly	0	Bore was dry during sampling period
	pH	pH	In situ		0	
	SWL	mbtoc	In situ		0	
	Bicarbonate	mg/L	Lab Analysis		0	
	Calcium	mg/L	Lab Analysis		0	
	Carbonate	mg/L	Lab Analysis		0	
	Chloride	mg/L	Lab Analysis		0	

	Magnesium	mg/L	Lab Analysis		0	
	Potassium	mg/L	Lab Analysis		0	
	Sodium	mg/L	Lab Analysis		0	
	Sulphate	mg/L	Lab Analysis		0	
43 (SD9)	Conductivity	µs/cm	In situ	Upon discharge (within 12 hours)	0	No discharge occurred during sampling period (SD9)
	TOC	mg/L	Lab Analysis		0	
44 (KCTOP)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43	0	No discharge occurred during sampling period of EPA 43
	TOC	mg/L	Lab Analysis		0	
	Oil & Grease	mg/L	Lab Analysis		0	
	pH	pH	In situ		0	
	TSS	mg/L	Lab Analysis		0	

Table 2 - Pollutant Limits Apply (Water)

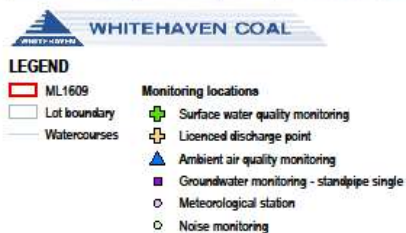
EPL ID	Pollutant	Units of Measure	Sample Method	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Max or Only Value	EPL Limit	Exceedance (Yes/No)	Comments (Mine Site Sample ID)
11	TSS	mg/L	Lab Analysis	Upon discharge	0	<i>No discharge occurred during sampling period</i>					50	NA	SD4
	Oil & Grease	mg/L	Lab Analysis		0						10	NA	
	pH	pH	In situ		0						6.5-8.5	NA	
13	TSS	mg/L	Lab Analysis	Upon discharge	0	<i>No discharge occurred during sampling period</i>					50	NA	SD2
	Oil & Grease	mg/L	Lab Analysis		0						10	NA	
	pH	pH	In situ		0						6.5-8.5	NA	
18	TSS	mg/L	Lab Analysis	Upon discharge	0	<i>No discharge occurred during sampling period</i>					50	NA	SD7
	Oil & Grease	mg/L	Lab Analysis		0						10	NA	
	pH	pH	In situ		0						6.5-8.5	NA	
24	TDS	mg/L	Lab Analysis	Upon discharge	0	<i>Namoi discharge point – Not constructed or currently utilised.</i>					350	NA	NR1
	pH	pH	In situ		0						6.5-8.5	NA	
27	TSS	mg/L	Lab Analysis	Upon discharge	0	<i>No discharge occurred during sampling period</i>					50	NA	SD8
	Oil & Grease	mg/L	Lab Analysis		0						10	NA	
	pH	pH	In situ		0						6.5-8.5	NA	
43	TSS	mg/L	Lab Analysis	Upon discharge	0	<i>No discharge occurred during sampling period</i>					50	NA	SD9
	Oil & Grease	mg/L	Lab Analysis		0						10	NA	
	pH	pH	In situ		0						6.5-8.5	NA	

Table 3 – Quarterly Attended Noise Monitoring results summary table

Nosie monitoring not scheduled in May 2025. Next scheduled sampling is for June 2025

EPL ID	Date	Measured Levels – dB(A) Leq 15min Day	Measured Levels – dB(A) Leq 15min Evening	Measured Levels – dB(A) Leq 15min Night	Measured Levels – dB(A) LA1 (1 min) Night	Limit(s)	Measurement Periods	Weather Compliant Conditions (D/E/N)			Compliant (Yes/No)	Date Obtained
N5						<u>Day, Evening & Night:</u> 35 <u>LA1 (1 min):</u> 45	Day – 1.5 hrs					
							Evening – 0.5 hrs					
							Night – 1 hr					
N6						<u>Day, Evening & Night:</u> 35 <u>LA1 (1 min):</u> 45	Day – 1.5 hrs					
							Evening – 0.5 hrs					
							Night – 1 hr					
N8						<u>Day, Evening & Night:</u> 35 <u>LA1 (1 min):</u> 45	Day – 1.5 hrs					
							Evening – 0.5 hrs					
							Night – 1 hr					
N9						<u>Day, Evening & Night:</u> 35 <u>LA1 (1 min):</u> 45	Day – 1.5 hrs					
							Evening – 0.5 hrs					
							Night – 1 hr					

Figure 1 – EPL 12789 Monitoring Locations





NARRABRI MINE – MONTHLY MONITORING SUMMARY

Site Information

EPL No: 12789

EPA Website Link: <http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=106922&SYSUID=1&LICID=12789>

Licensee: Narrabri Coal Operations Pty Ltd

Licensee Address: Narrabri Mine, 10 Kurrajong Creek Road, BAAN BAA NSW 2390

EPL Monitoring Points: See Figure 1 below

Sampling Period: June 2025

Obtained Date: 22.07.2025

Publication Date: 22.07.2025

Table 1 – No Pollutant Limits Apply

EPL ID	Pollutant	Units of Measure	Sample Method	Monitoring Frequency	No. of Samples for the Month	Dates Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
ND3	Deposited Matter	g/m ² /month	Lab Analysis	Once a month (min. 4 weeks)	1	12/06/2025	25/06/2025	NA	NA	NA	0.5
11 (SD4)	Conductivity	µs/cm	In situ	Upon discharge (within 12 hours)	No discharge occurred during sampling period (SD4)						
	TOC	mg/L	Lab Analysis								
13 (SD2)	Conductivity	µs/cm	In situ	Upon discharge (within 12 hours)	No discharge occurred during sampling period (SD2)						
	TOC	mg/L	Lab Analysis								
14 (KC1US)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27, 43	No discharge occurred during sampling period of EPA 11						
	TOC	mg/L	Lab Analysis								
	Oil & Grease	mg/L	Lab Analysis								
	pH	pH	In situ								
	TSS	mg/L	Lab Analysis								
15 (KC1DS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27, 43	No discharge occurred during sampling period of EPA 11						
	TOC	mg/L	Lab Analysis								
	Oil & Grease	mg/L	Lab Analysis								
	pH	pH	In situ								
	TSS	mg/L	Lab Analysis								

16 (KC2US)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27, 43	No discharge occurred during sampling period of EPA 13
	TOC	mg/L	Lab Analysis		
	Oil & Grease	mg/L	Lab Analysis		
	pH	pH	In situ		
	TSS	mg/L	Lab Analysis		
17 (KC2DS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43	No discharge occurred during sampling period of EPA 13
	TOC	mg/L	Lab Analysis		
	Oil & Grease	mg/L	Lab Analysis		
	pH	pH	In situ		
	TSS	mg/L	Lab Analysis		
18 (SD7)	Conductivity	µs/cm	In Situ	Upon discharge (within 12 hours)	No discharge occurred during sampling period (SD7)
	TOC	mg/L	Lab Analysis		
19 (KCUS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43	No discharge occurred during sampling period of EPA 43
	TOC	mg/L	Lab Analysis		
	Oil & Grease	mg/L	Lab Analysis		
	pH	pH	In situ		
	TSS	mg/L	Lab Analysis		
20 (KCDS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter &	No discharge occurred during sampling period of EPA 43
	TOC	mg/L	Lab Analysis		

	Oil & Grease	mg/L	Lab Analysis	after each wet weather discharge from points 11, 13, 18,27,43	
	pH	pH	In situ		
	TSS	mg/L	Lab Analysis		
21 (PCa)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43	<i>Not scheduled for sampling during sampling period</i>
	TOC	mg/L	Lab Analysis		
	Oil & Grease	mg/L	Lab Analysis		
	pH	pH	In situ		
	TSS	mg/L	Lab Analysis		
22 (PC1)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43	<i>Not scheduled for sampling during sampling period</i>
	TOC	mg/L	Lab Analysis		
	Oil & Grease	mg/L	Lab Analysis		
	pH	pH	In situ		
	TSS	mg/L	Lab Analysis		
24 (NR1)	pH	pH	In situ	Upon Discharge (within 4 hrs)	<i>Namoi discharge point – Not constructed or currently utilised (NR1)</i>
	TDS	mg/L	Lab Analysis		
25 (NRUS)	pH	pH	In situ	Upon Discharge (within 4 hrs)	<i>Namoi discharge point – Not constructed or currently utilised (NRUS)</i>
	TDS	mg/L	Lab Analysis		
26 (NRDS)	pH	pH	In situ	Upon Discharge (within 4 hrs)	<i>Namoi discharge point – Not constructed or currently utilised (NRDS)</i>
	TDS	mg/L	Lab Analysis		
28 (P28)	Conductivity	µs/cm	In situ	Quarterly	
	pH	pH	In situ		

	SWL	mbtoc	In situ		<i>Bore was dry during sampling period</i>
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		
29 (P29)	Conductivity	µs/cm	In situ	Quarterly	<i>Not scheduled for sampling during sampling period</i>
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		

	Sulphate	mg/L	Lab Analysis		
30 (P30)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		
31 (P31)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		

	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		
32 (P32)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		
33 (P33)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		

	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		
34 (P34)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		
35 (P58)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		

	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulfate	mg/L	Lab Analysis		
36 (P83)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		

37 (P84)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		
38 (P85)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		

	Sodium	mg/L	Lab Analysis		
	Sulfate	mg/L	Lab Analysis		
39 (P88)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulfate	mg/L	Lab Analysis		
40 (P89)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		

	Magnesium	mg/L	Lab Analysis			
	Potassium	mg/L	Lab Analysis			
	Sodium	mg/L	Lab Analysis			
	Sulphate	mg/L	Lab Analysis			
43 (SD9)	Conductivity	µs/cm	In situ	Upon discharge (within 12 hours)	0	No discharge occurred during sampling period (SD9)
	TOC	mg/L	Lab Analysis		0	
44 (KCTOP)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43	0	No discharge occurred during sampling period of EPA 43
	TOC	mg/L	Lab Analysis		0	
	Oil & Grease	mg/L	Lab Analysis		0	
	pH	pH	In situ		0	
	TSS	mg/L	Lab Analysis		0	

Table 2 - Pollutant Limits Apply (Water)

EPL ID	Pollutant	Units of Measure	Sample Method	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Max or Only Value	EPL Limit	Exceedance (Yes/No)	Comments (Mine Site Sample ID)
11	TSS	mg/L	Lab Analysis	Upon discharge	0	No discharge occurred during sampling period					50	NA	SD4
	Oil & Grease	mg/L	Lab Analysis		0						10	NA	
	pH	pH	In situ		0						6.5-8.5	NA	
13	TSS	mg/L	Lab Analysis	Upon discharge	0	No discharge occurred during sampling period					50	NA	SD2
	Oil & Grease	mg/L	Lab Analysis		0						10	NA	
	pH	pH	In situ		0						6.5-8.5	NA	
18	TSS	mg/L	Lab Analysis	Upon discharge	0	No discharge occurred during sampling period					50	NA	SD7
	Oil & Grease	mg/L	Lab Analysis		0						10	NA	
	pH	pH	In situ		0						6.5-8.5	NA	
24	TDS	mg/L	Lab Analysis	Upon discharge	0	Namoi discharge point – Not constructed or currently utilised.					350	NA	NR1
	pH	pH	In situ		0						6.5-8.5	NA	
27	TSS	mg/L	Lab Analysis	Upon discharge	0	No discharge occurred during sampling period					50	NA	SD8
	Oil & Grease	mg/L	Lab Analysis		0						10	NA	
	pH	pH	In situ		0						6.5-8.5	NA	
43	TSS	mg/L	Lab Analysis	Upon discharge	0	No discharge occurred during sampling period					50	NA	SD9
	Oil & Grease	mg/L	Lab Analysis		0						10	NA	
	pH	pH	In situ		0						6.5-8.5	NA	

Table 3 – Quarterly Attended Noise Monitoring Results

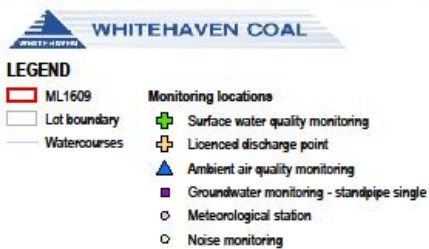
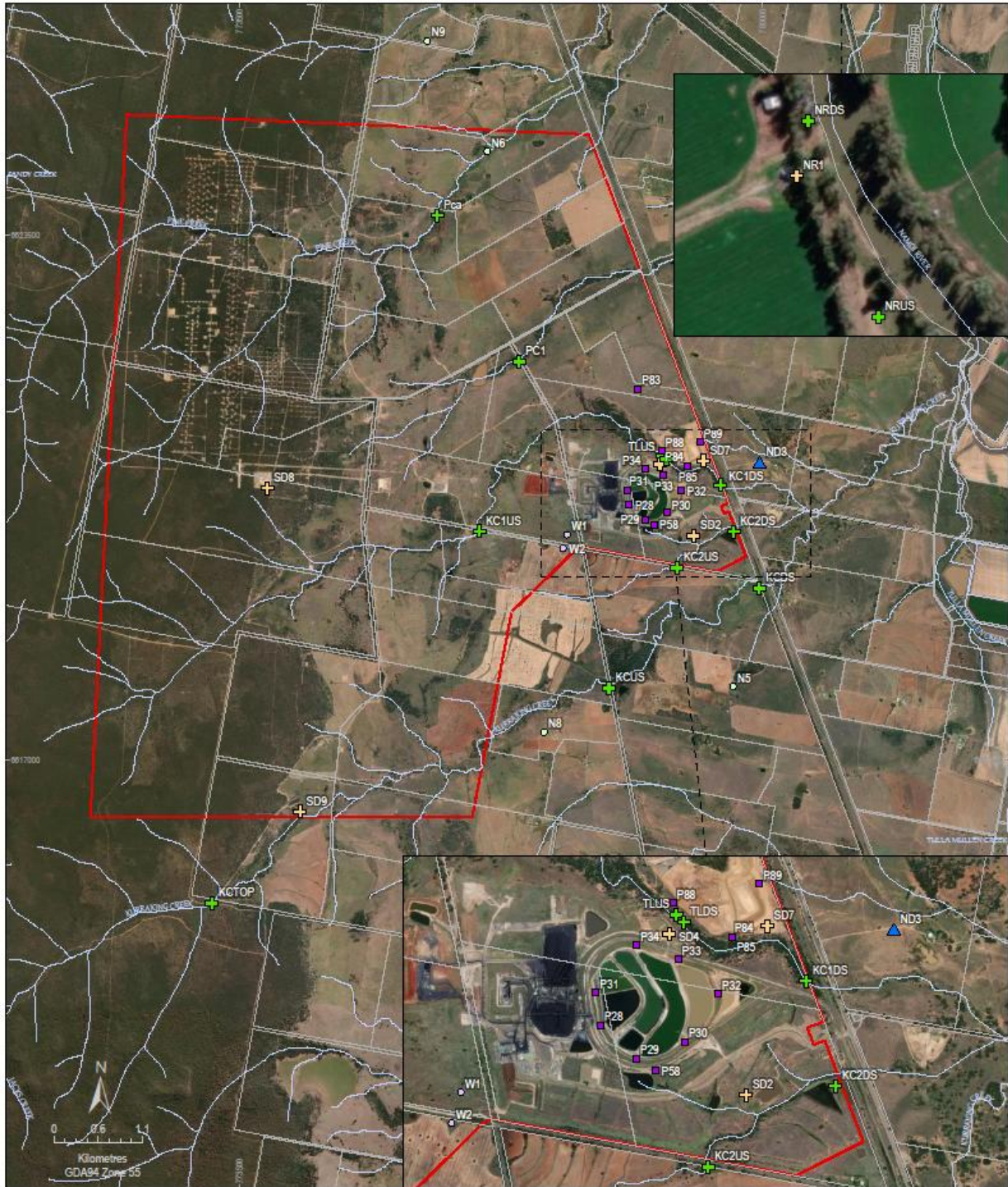
EPL ID	Date	Measured Levels – dB(A) Leq 15min Day	Measured Levels – dB(A) Leq 15min Evening	Measured Levels – dB(A) Leq 15min Night	Measured Levels – dB(A) LA1 (1 min) Night	Limit(s)	Measurement Periods	Weather Compliant Conditions (D/E/N)			Compliant (Yes/No)	Date Obtained
N5 ¹	23/06/2025 ²	I/A	34	30	35	<u>Day, Evening & Night:</u> 35 <u>Night</u> <u>LA1 (1 min):</u> 45	Day – 1.5 hrs Evening – 0.5 hrs Night – 1 hr	N	N	N	Y	22/07/2025
	24/06/2025 ²	N/M	35	35	47			N	N	N	Y	
	25/06/2025 ²	I/A	35	26	42			Y	N	Y	Y	
N6	23/06/2025 ²	I/A	I/A	I/A	I/A			N	N	Y	Y	
	24/06/2025 ²	35	I/A	27	32			Y	N	N	Y	
	25/06/2025 ²	26	N/M	30	38			N	Y	Y	Y	
N8 ¹	23/06/2025 ²	I/A	34	35	39			N	N	N	Y	
	24/06/2025 ²	35	35	35	47			N	N	N	Y	
	25/06/2025 ²	32	32	30	35			N	Y	Y	Y	
N9	23/06/2025 ²	I/A	I/A	I/A	I/A			N	N	Y	Y	
	24/06/2025 ²	34	I/A	30	34			N	N	N	Y	
	25/06/2025 ²	33	I/A	26	33			Y	Y	Y	Y	

I/A = Inaudible, N/M = Not Measurable

Note 1: Property is owned by Narrabri Coal Operations. Noise limits contained in Conditions 1-3, Schedule 4 of PA 08_0144 Mod 2 and the identical limits contained in condition L3 of Environment Protection Licence No 12789 are not applicable.

Note 2: Evening and Night monitoring conducted on this date, Day monitoring conducted during the following day period

Figure 1 – EPL 12789 Monitoring Locations





NARRABRI MINE – MONTHLY MONITORING SUMMARY

Site Information

EPL No: 12789

EPA Website Link: <http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=106922&SYSUID=1&LICID=12789>

Licensee: Narrabri Coal Operations Pty Ltd

Licensee Address: Narrabri Mine, 10 Kurrajong Creek Road, BAAN BAA NSW 2390

EPL Monitoring Points: See Figure 1 below

Sampling Period: July 2025

Obtained Date: 04.08.2025

Publication Date: 14.08.2025

Table 1 – No Pollutant Limits Apply

EPL ID	Pollutant	Units of Measure	Sample Method	Monitoring Frequency	No. of Samples for the Month	Dates Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
ND3	Deposited Matter	g/m ² /month	Lab Analysis	Once a month (min. 4 weeks)	1	10/07/2025	23/07/2025	NA	NA	NA	0.5
11 (SD4)	Conductivity	µs/cm	In situ	Upon discharge (within 12 hours)	No discharge occurred during sampling period (SD4)						
	TOC	mg/L	Lab Analysis								
13 (SD2)	Conductivity	µs/cm	In situ	Upon discharge (within 12 hours)	No discharge occurred during sampling period (SD2)						
	TOC	mg/L	Lab Analysis								
14 (KC1US)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27, 43	No flow was recorded at EPA 14 during the sampling period following a wet-weather event						
	TOC	mg/L	Lab Analysis								
	Oil & Grease	mg/L	Lab Analysis								
	pH	pH	In situ								
	TSS	mg/L	Lab Analysis								
15 (KC1DS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27, 43	No flow was recorded at EPA 15 during the sampling period following a wet-weather event						
	TOC	mg/L	Lab Analysis								
	Oil & Grease	mg/L	Lab Analysis								
	pH	pH	In situ								
	TSS	mg/L	Lab Analysis								
16 (KC2US)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet	1	28.07.2025	04.08.2025	NA	NA	NA	109
	TOC	mg/L	Lab Analysis		1	28.07.2025	04.08.2025	NA	NA	NA	20
	Oil & Grease	mg/L	Lab Analysis		1	28.07.2025	04.08.2025	NA	NA	NA	14
	pH	pH	In situ		1	28.07.2025	04.08.2025	NA	NA	NA	7.41

	TSS	mg/L	Lab Analysis	weather discharge from points 11, 13, 18,27, 43	1	28.07.2025	04.08.2025	NA	NA	NA	22
17 (KC2DS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43	No flow was recorded at EPA 17 during the sampling period following a wet-weather event						
	TOC	mg/L	Lab Analysis								
	Oil & Grease	mg/L	Lab Analysis								
	pH	pH	In situ								
	TSS	mg/L	Lab Analysis								
18 (SD7)	Conductivity	µs/cm	In Situ	Upon discharge (within 12 hours)	No discharge occurred during sampling period (SD7)						
	TOC	mg/L	Lab Analysis								
19 (KCUS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43	1	28/07/2025	04/08/2025	NA	NA	NA	931
	TOC	mg/L	Lab Analysis		1	28/07/2025	04/08/2025	NA	NA	NA	17
	Oil & Grease	mg/L	Lab Analysis		1	28/07/2025	04/08/2025	NA	NA	NA	<5
	pH	pH	In situ		1	28/07/2025	04/08/2025	NA	NA	NA	7.71
	TSS	mg/L	Lab Analysis		1	28/07/2025	04/08/2025	NA	NA	NA	11
20 (KCDS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43	1	28/07/2025	04/08/2025	NA	NA	NA	453
	TOC	mg/L	Lab Analysis		1	28/07/2025	04/08/2025	NA	NA	NA	20
	Oil & Grease	mg/L	Lab Analysis		1	28/07/2025	04/08/2025	NA	NA	NA	<5
	pH	pH	In situ		1	28/07/2025	04/08/2025	NA	NA	NA	7.80
	TSS	mg/L	Lab Analysis		1	28/07/2025	04/08/2025	NA	NA	NA	64
21 (PCa)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43	1	28/07/2025	04/08/2025	NA	NA	NA	149
	TOC	mg/L	Lab Analysis		1	28/07/2025	04/08/2025	NA	NA	NA	13
	Oil & Grease	mg/L	Lab Analysis		1	28/07/2025	04/08/2025	NA	NA	NA	8
	pH	pH	In situ		1	28/07/2025	04/08/2025	NA	NA	NA	7.31
	TSS	mg/L	Lab Analysis		1	28/07/2025	04/08/2025	NA	NA	NA	112
	Conductivity	µs/cm	In situ		1	28/07/2025	04/08/2025	NA	NA	NA	169

22 (PC1)	TOC	mg/L	Lab Analysis	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43	1	28/07/2025	04/08/2025	NA	NA	NA	15
	Oil & Grease	mg/L	Lab Analysis		1	28/07/2025	04/08/2025	NA	NA	NA	<5
	pH	pH	In situ		1	28/07/2025	04/08/2025	NA	NA	NA	7.59
	TSS	mg/L	Lab Analysis		1	28/07/2025	04/08/2025	NA	NA	NA	12
24 (NR1)	pH	pH	In situ	Upon Discharge (within 4 hrs)	Namoi discharge point – Not constructed or currently utilised (NR1)						
	TDS	mg/L	Lab Analysis								
25 (NRUS)	pH	pH	In situ	Upon Discharge (within 4 hrs)	Namoi discharge point – Not constructed or currently utilised (NRUS)						
	TDS	mg/L	Lab Analysis								
26 (NRDS)	pH	pH	In situ	Upon Discharge (within 4 hrs)	Namoi discharge point – Not constructed or currently utilised (NRDS)						
	TDS	mg/L	Lab Analysis								
28 (P28)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period						
	pH	pH	In situ								
	SWL	mbtoc	In situ								
	Bicarbonate	mg/L	Lab Analysis								
	Calcium	mg/L	Lab Analysis								
	Carbonate	mg/L	Lab Analysis								
	Chloride	mg/L	Lab Analysis								
	Magnesium	mg/L	Lab Analysis								
	Potassium	mg/L	Lab Analysis								
	Sodium	mg/L	Lab Analysis								
	Sulphate	mg/L	Lab Analysis								
29 (P29)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period						
	pH	pH	In situ								
	SWL	mbtoc	In situ								
	Bicarbonate	mg/L	Lab Analysis								
	Calcium	mg/L	Lab Analysis								
	Carbonate	mg/L	Lab Analysis								
	Chloride	mg/L	Lab Analysis								
	Magnesium	mg/L	Lab Analysis								
	Potassium	mg/L	Lab Analysis								

	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		
30 (P30)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		
31 (P31)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		
32 (P32)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		

	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		
33 (P33)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		
34 (P34)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		
35 (P58)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulfate	mg/L	Lab Analysis		
	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period

36 (P83)	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		

37 (P84)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		
38 (P85)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulfate	mg/L	Lab Analysis		
39 (P88)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulfate	mg/L	Lab Analysis		
	Conductivity	µs/cm	In situ	Quarterly	

40 (P89)	pH	pH	In situ		Not scheduled for sampling during sampling period						
	SWL	mbtoc	In situ								
	Bicarbonate	mg/L	Lab Analysis								
	Calcium	mg/L	Lab Analysis								
	Carbonate	mg/L	Lab Analysis								
	Chloride	mg/L	Lab Analysis								
	Magnesium	mg/L	Lab Analysis								
	Potassium	mg/L	Lab Analysis								
	Sodium	mg/L	Lab Analysis								
	Sulphate	mg/L	Lab Analysis								
43 (SD9)	Conductivity	µs/cm	In situ	Upon discharge (within 12 hours)	1	28/07/2025	04/08/2025	NA	NA	NA	1450
	TOC	mg/L	Lab Analysis		1	28/07/2025	04/08/2025	NA	NA	NA	18
44 (KCTOP)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43	No flow was recorded at EPA 44 during the sampling period following a wet-weather event						
	TOC	mg/L	Lab Analysis								
	Oil & Grease	mg/L	Lab Analysis								
	pH	pH	In situ								
	TSS	mg/L	Lab Analysis								

Table 2 - Pollutant Limits Apply (Water)

EPL ID	Pollutant	Units of Measure	Sample Method	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Max or Only Value	EPL Limit	Exceedance (Yes/No)	Comments (Mine Site Sample ID)
11	TSS	mg/L	Lab Analysis	Upon discharge	0	No discharge occurred during sampling period					50	NA	SD4
	Oil & Grease	mg/L	Lab Analysis		0						10	NA	
	pH	pH	In situ		0						6.5-8.5	NA	
13	TSS	mg/L	Lab Analysis	Upon discharge	0	No discharge occurred during sampling period					50	NA	SD2
	Oil & Grease	mg/L	Lab Analysis		0						10	NA	
	pH	pH	In situ		0						6.5-8.5	NA	
18	TSS	mg/L	Lab Analysis	Upon discharge	0	No discharge occurred during sampling period					50	NA	SD7
	Oil & Grease	mg/L	Lab Analysis		0						10	NA	
	pH	pH	In situ		0						6.5-8.5	NA	
24	TDS	mg/L	Lab Analysis	Upon discharge	0	Namoi discharge point – Not constructed or currently utilised.					350	NA	NR1
	pH	pH	In situ		0						6.5-8.5	NA	
27	TSS	mg/L	Lab Analysis	Upon discharge	0	No discharge occurred during sampling period					50	NA	SD8
	Oil & Grease	mg/L	Lab Analysis		0						10	NA	
	pH	pH	In situ		0						6.5-8.5	NA	
43	TSS	mg/L	Lab Analysis	Upon discharge	1	28/07/2025	04/08/2025	NA	NA	3060	50	No ^a	SD9
	Oil & Grease	mg/L	Lab Analysis		1	28/07/2025	04/08/2025	NA	NA	<5	10	No	
	pH	pH	In situ		1	28/07/2025	04/08/2025	NA	NA	7.68	6.5-8.5	No	

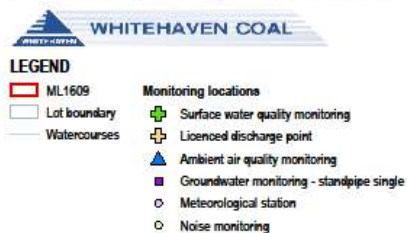
^a Total Suspended Solids (TSS) concentration limit did not apply as per EPL12789 Condition L2.5(a) as the controlled discharge occurred solely because of rainfall exceeding 38.4mm over a consecutive 5-day period (triggered 26/07/2025).



Table 3 – Quarterly Attended Noise Monitoring Results

Noise monitoring not scheduled in July 2025. Next scheduled sampling is for September 2025

Figure 1 – EPL 12789 Monitoring Locations



NARRABRI MINE

Figure 1
EPL 12789 Monitoring Locations
February 2024



NARRABRI MINE – MONTHLY MONITORING SUMMARY

Site Information

EPL No: 12789

EPA Website Link: <http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=106922&SYSUID=1&LICID=12789>

Licensee: Narrabri Coal Operations Pty Ltd

Licensee Address: Narrabri Mine, 10 Kurrajong Creek Road, BAAN BAA NSW 2390

EPL Monitoring Points: See Figure 1 below

Sampling Period: August 2025

Obtained Date: 15.09.2025

Publication Date: 18.09.2025

Table 1 – No Pollutant Limits Apply

EPL ID	Pollutant	Units of Measure	Sample Method	Monitoring Frequency	No. of Samples for the Month	Dates Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
ND3	Deposited Matter	g/m ² /month	Lab Analysis	Once a month (min. 4 weeks)	1	11/08/2025	28/08/2025	NA	NA	NA	0.2
11 (SD4)	Conductivity	µs/cm	In situ	Upon discharge (within 12 hours)	No discharge occurred during sampling period (SD4)						
	TOC	mg/L	Lab Analysis								
13 (SD2)	Conductivity	µs/cm	In situ	Upon discharge (within 12 hours)	No discharge occurred during sampling period (SD2)						
	TOC	mg/L	Lab Analysis								
14 (KC1US)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43, 45	No flow was recorded at EPA 14 during the sampling period following a wet-weather event						
	TOC	mg/L	Lab Analysis								
	Oil & Grease	mg/L	Lab Analysis								
	pH	pH	In situ								
	TSS	mg/L	Lab Analysis								
15 (KC1DS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43, 45	No flow was recorded at EPA 15 during the sampling period following a wet-weather event						
	TOC	mg/L	Lab Analysis								
	Oil & Grease	mg/L	Lab Analysis								
	pH	pH	In situ								
	TSS	mg/L	Lab Analysis								

16 (KC2US)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43, 45	No flow was recorded at EPA 16 during the sampling period following a wet-weather event						
	TOC	mg/L	Lab Analysis								
	Oil & Grease	mg/L	Lab Analysis								
	pH	pH	In situ								
	TSS	mg/L	Lab Analysis								
17 (KC2DS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43, 45	No flow was recorded at EPA 17 during the sampling period following a wet-weather event						
	TOC	mg/L	Lab Analysis								
	Oil & Grease	mg/L	Lab Analysis								
	pH	pH	In situ								
	TSS	mg/L	Lab Analysis								
18 (SD7)	Conductivity	µs/cm	In Situ	Upon discharge (within 12 hours)	No discharge occurred during sampling period (SD7)						
	TOC	mg/L	Lab Analysis								
19 (KCUS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43, 45	1	04/08/2025	04/08/2025	NA	NA	NA	453
	Oil & Grease	mg/L	Lab Analysis		1	04/08/2025	18/08/2025	NA	NA	NA	<5
	pH	pH	In situ		1	04/08/2025	04/08/2025	NA	NA	NA	7.59
	TSS	mg/L	Lab Analysis		1	04/08/2025	18/08/2025	NA	NA	NA	14
20 (KCDS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43, 45	No flow was recorded at EPA 20 during the sampling period following a wet-weather event						
	TOC	mg/L	Lab Analysis								
	Oil & Grease	mg/L	Lab Analysis								
	pH	pH	In situ								
	TSS	mg/L	Lab Analysis								

21 (PCa)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43, 45	No flow was recorded at EPA 21 during the sampling period following a wet-weather event
	TOC	mg/L	Lab Analysis		
	Oil & Grease	mg/L	Lab Analysis		
	pH	pH	In situ		
	TSS	mg/L	Lab Analysis		
22 (PC1)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43, 45	No flow was recorded at EPA 21 during the sampling period following a wet-weather event
	TOC	mg/L	Lab Analysis		
	Oil & Grease	mg/L	Lab Analysis		
	pH	pH	In situ		
	TSS	mg/L	Lab Analysis		
24 (NR1)	pH	pH	In situ	Upon Discharge (within 4 hrs)	Namoi discharge point – Not constructed or currently utilised (NR1)
	TDS	mg/L	Lab Analysis		
25 (NRUS)	pH	pH	In situ	Upon Discharge (within 4 hrs)	Namoi discharge point – Not constructed or currently utilised (NRUS)
	TDS	mg/L	Lab Analysis		
26 (NRDS)	pH	pH	In situ	Upon Discharge (within 4 hrs)	Namoi discharge point – Not constructed or currently utilised (NRDS)
	TDS	mg/L	Lab Analysis		
28 (P28)	Conductivity	µs/cm	In situ	Quarterly	Bore dry – unable to sample
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		

29 (P29)	Conductivity	µs/cm	In situ	Quarterly	1	28/08/25	28/08/25	NA	NA	NA	17540
	pH	pH	In situ		1	28/08/25	28/08/25	NA	NA	NA	7.12
	SWL	mbtoc	In situ		1	28/08/25	28/08/25	NA	NA	NA	4.25
	Bicarbonate	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	690
	Calcium	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	118
	Carbonate	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	<1
	Chloride	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	6040
	Magnesium	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	301
	Potassium	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	5
	Sodium	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	3250
	Sulphate	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	670
30 (P30)	Conductivity	µs/cm	In situ	Quarterly	1	28/08/25	28/08/25	NA	NA	NA	16410
	pH	pH	In situ		1	28/08/25	28/08/25	NA	NA	NA	6.97
	SWL	mbtoc	In situ		1	28/08/25	28/08/25	NA	NA	NA	10.94
	Bicarbonate	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	873
	Calcium	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	121
	Carbonate	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	<1
	Chloride	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	5410
	Magnesium	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	343
	Potassium	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	15
	Sodium	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	3060
	Sulphate	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	1040
31 (P31)	Conductivity	µs/cm	In situ	Quarterly	1	28/08/25	28/08/25	NA	NA	NA	7390
	pH	pH	In situ		1	28/08/25	28/08/25	NA	NA	NA	7.05
	SWL	mbtoc	In situ		1	28/08/25	28/08/25	NA	NA	NA	16
	Bicarbonate	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	879
	Calcium	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	100
	Carbonate	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	<1
	Chloride	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	1780
	Magnesium	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	183
	Potassium	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	13
	Sodium	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	1200
	Sulphate	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	343

32 (P32)	Conductivity	µs/cm	In situ	Quarterly	1	28/08/25	28/08/25	NA	NA	NA	3500
	pH	pH	In situ		1	28/08/25	28/08/25	NA	NA	NA	7.91
	SWL	mbtoc	In situ		1	28/08/25	28/08/25	NA	NA	NA	8.24
	Bicarbonate	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	947
	Calcium	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	3
	Carbonate	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	18
	Chloride	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	532
	Magnesium	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	16
	Potassium	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	<1
	Sodium	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	789
	Sulphate	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	224
33 (P33)	Conductivity	µs/cm	In situ	Quarterly	1	28/08/25	28/08/25	NA	NA	NA	6180
	pH	pH	In situ		1	28/08/25	28/08/25	NA	NA	NA	7.13
	SWL	mbtoc	In situ		1	28/08/25	28/08/25	NA	NA	NA	10.92
	Bicarbonate	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	392
	Calcium	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	14
	Carbonate	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	<1
	Chloride	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	1590
	Magnesium	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	48
	Potassium	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	4
	Sodium	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	1170
	Sulphate	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	245
34 (P34)	Conductivity	µs/cm	In situ	Quarterly	Bore dry – unable to sample						
	pH	pH	In situ								
	SWL	mbtoc	In situ								
	Bicarbonate	mg/L	Lab Analysis								
	Calcium	mg/L	Lab Analysis								
	Carbonate	mg/L	Lab Analysis								
	Chloride	mg/L	Lab Analysis								
	Magnesium	mg/L	Lab Analysis								
	Potassium	mg/L	Lab Analysis								
	Sodium	mg/L	Lab Analysis								
	Sulphate	mg/L	Lab Analysis								

35 (P58)	Conductivity	µs/cm	In situ	Quarterly	1	28/08/25	28/08/25	NA	NA	NA	11960
	pH	pH	In situ		1	28/08/25	28/08/25	NA	NA	NA	6.84
	SWL	mbtoc	In situ		1	28/08/25	28/08/25	NA	NA	NA	17.42
	Bicarbonate	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	4620
	Calcium	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	31
	Carbonate	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	<1
	Chloride	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	2170
	Magnesium	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	75
	Potassium	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	86
	Sodium	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	3180
	Sulfate	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	156
36 (P83)	Conductivity	µs/cm	In situ	Quarterly	Bore dry – unable to sample						
	pH	pH	In situ								
	SWL	mbtoc	In situ								
	Bicarbonate	mg/L	Lab Analysis								
	Calcium	mg/L	Lab Analysis								
	Carbonate	mg/L	Lab Analysis								
	Chloride	mg/L	Lab Analysis								
	Magnesium	mg/L	Lab Analysis								
	Potassium	mg/L	Lab Analysis								
	Sodium	mg/L	Lab Analysis								
	Sulphate	mg/L	Lab Analysis								
37 (P84)	Conductivity	µs/cm	In situ	Quarterly	1	28/08/25	28/08/25	NA	NA	NA	20540
	pH	pH	In situ		1	28/08/25	28/08/25	NA	NA	NA	6.57
	SWL	mbtoc	In situ		1	28/08/25	28/08/25	NA	NA	NA	13.49
	Bicarbonate	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	2850
	Calcium	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	84
	Carbonate	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	<1
	Chloride	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	6470
	Magnesium	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	397
	Potassium	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	38
	Sodium	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	4560
	Sulphate	mg/L	Lab Analysis		1	29/08/25	05/09/25	NA	NA	NA	1040

38 (P85)	Conductivity	µs/cm	In situ	Quarterly	Bore dry – unable to sample
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulfate	mg/L	Lab Analysis		
39 (P88)	Conductivity	µs/cm	In situ	Quarterly	Bore dry – unable to sample
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulfate	mg/L	Lab Analysis		
40 (P89)	Conductivity	µs/cm	In situ	Quarterly	Bore dry – unable to sample
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		

43 (SD9)	Conductivity	µs/cm	In situ	Upon discharge (within 12 hours)	1	04/08/2025	04/08/2025	NA	NA	NA	395
	TOC	mg/L	Lab Analysis		1	04/08/2025	18/08/2025	NA	NA	NA	15
44 (KCTOP)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43, 45	1	04/08/2025	04/08/2025	NA	NA	NA	256
	TOC	mg/L	Lab Analysis		1	04/08/2025	18/08/2025	NA	NA	NA	34
	Oil & Grease	mg/L	Lab Analysis		1	04/08/2025	18/08/2025	NA	NA	NA	<5
	pH	pH	In situ		1	04/08/2025	04/08/2025	NA	NA	NA	6.77
	TSS	mg/L	Lab Analysis		1	04/08/2025	18/08/2025	NA	NA	NA	<5
45 (SD10)	Conductivity	µs/cm	In situ	Upon discharge (within 12 hours)	No discharge occurred during sampling period (SD10)						
	TOC	mg/L	Lab Analysis								

Table 2 - Pollutant Limits Apply (Water)

EPL ID	Pollutant	Units of Measure	Sample Method	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Max or Only Value	EPL Limit	Exceedance (Yes/No)	Comments (Mine Site Sample ID)
11	TSS	mg/L	Lab Analysis	Upon discharge	1	No discharge occurred during sampling period					50	NA	SD4
	Oil & Grease	mg/L	Lab Analysis		1						10	NA	
	pH	pH	In situ		1						6.5-8.5	NA	
13	TSS	mg/L	Lab Analysis	Upon discharge	1	No discharge occurred during sampling period					50	NA	SD2
	Oil & Grease	mg/L	Lab Analysis		1						10	NA	
	pH	pH	In situ		1						6.5-8.5	NA	
18	TSS	mg/L	Lab Analysis	Upon discharge	1	No discharge occurred during sampling period					50	NA	SD7
	Oil & Grease	mg/L	Lab Analysis		1						10	NA	
	pH	pH	In situ		1						6.5-8.5	NA	
24	TDS	mg/L	Lab Analysis	Upon discharge	0	Namoi discharge point – Not constructed or currently utilised.					350	NA	NR1
	pH	pH	In situ		0						6.5-8.5	NA	
27	TSS	mg/L	Lab Analysis	Upon discharge	1	No discharge occurred during sampling period					50	NA	SD8
	Oil & Grease	mg/L	Lab Analysis		1						10	NA	
	pH	pH	In situ		1						6.5-8.5	NA	
43	TSS	mg/L	Lab Analysis	Upon discharge	1	04/08/2025	18/08/2025	NA	NA	378	50	No ^a	SD9
	Oil & Grease	mg/L	Lab Analysis		1	04/08/2025	18/08/2025	NA	NA	<5	10	No	
	pH	pH	In situ		1	04/08/2025	04/08/2025	NA	NA	7.29	6.5-8.5	No	

Table 3 - Pollutant Limits Apply (Water)

45	TSS	mg/L	Lab Analysis	Upon discharge	1	<i>No discharge occurred during sampling period</i>	50	NA	SD10
	Oil & Grease	mg/L	Lab Analysis		1		10	NA	
	pH	pH	In situ		1		6.5-8.5	NA	

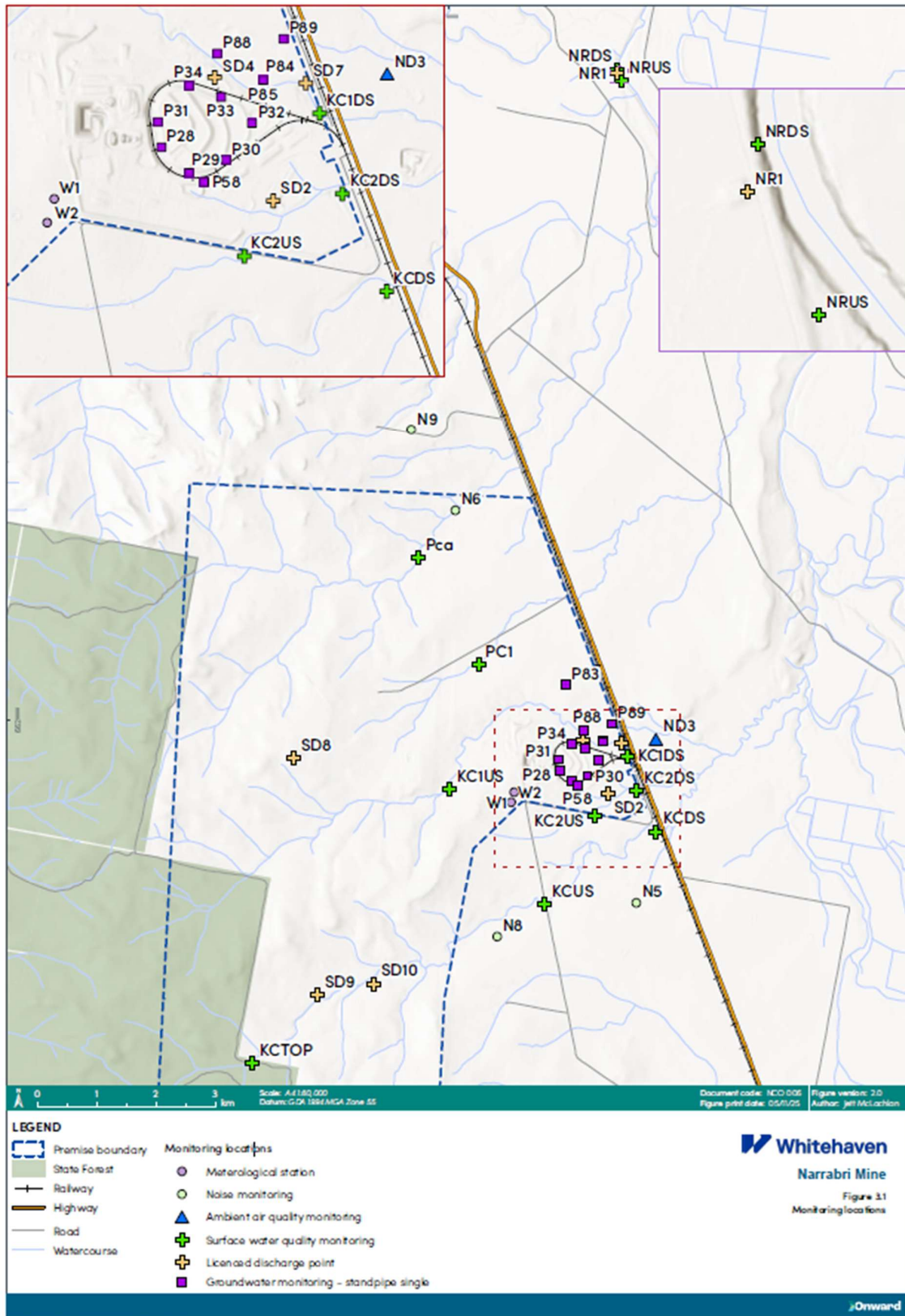
^a Total Suspended Solids (TSS) concentration limit did not apply as per EPL12789 Condition L2.5(a) as the controlled discharge occurred solely because of rainfall exceeding 38.4mm over a consecutive 5-day period (triggered 2/08/2025).



Table 4 – Quarterly Attended Noise Monitoring Results

Noise monitoring not scheduled in July 2025. Next scheduled sampling is for September 2025

Figure 1 – EPL 12789 Monitoring Locations





NARRABRI MINE – MONTHLY MONITORING SUMMARY

Site Information

EPL No: 12789

EPA Website Link: <http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=106922&SYSUID=1&LICID=12789>

Licensee: Narrabri Coal Operations Pty Ltd

Licensee Address: Narrabri Mine, 10 Kurrajong Creek Road, BAAN BAA NSW 2390

EPL Monitoring Points: See Figure 1 below

Sampling Period: September 2025

Obtained Date: 15.10.2025

Publication Date: 16.10.2025

Table 1 – No Pollutant Limits Apply

EPL ID	Pollutant	Units of Measure	Sample Method	Monitoring Frequency	No. of Samples for the Month	Dates Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
ND3	Deposited Matter	g/m ² /month	Lab Analysis	Once a month (min. 4 weeks)	1	10/09/2025	29/09/2025	NA	NA	NA	0.3
11 (SD4)	Conductivity	µs/cm	In situ	Upon discharge (within 12 hours)	No discharge occurred during sampling period (SD4)						
	TOC	mg/L	Lab Analysis								
13 (SD2)	Conductivity	µs/cm	In situ	Upon discharge (within 12 hours)	No discharge occurred during sampling period (SD2)						
	TOC	mg/L	Lab Analysis								
14 (KC1US)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43, 45	No flow was recorded at EPA 14 during the sampling period following a wet-weather event						
	TOC	mg/L	Lab Analysis								
	Oil & Grease	mg/L	Lab Analysis								
	pH	pH	In situ								
	TSS	mg/L	Lab Analysis								
15 (KC1DS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43, 45	No flow was recorded at EPA 15 during the sampling period following a wet-weather event						
	TOC	mg/L	Lab Analysis								
	Oil & Grease	mg/L	Lab Analysis								
	pH	pH	In situ								
	TSS	mg/L	Lab Analysis								

16 (KC2US)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43, 45	No flow was recorded at EPA 16 during the sampling period following a wet-weather event
	TOC	mg/L	Lab Analysis		
	Oil & Grease	mg/L	Lab Analysis		
	pH	pH	In situ		
	TSS	mg/L	Lab Analysis		
17 (KC2DS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43, 45	No flow was recorded at EPA 17 during the sampling period following a wet-weather event
	TOC	mg/L	Lab Analysis		
	Oil & Grease	mg/L	Lab Analysis		
	pH	pH	In situ		
	TSS	mg/L	Lab Analysis		
18 (SD7)	Conductivity	µs/cm	In Situ	Upon discharge (within 12 hours)	No discharge occurred during sampling period (SD7)
	TOC	mg/L	Lab Analysis		
19 (KCUS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43, 45	No flow was recorded at EPA 20 during the sampling period following a wet-weather event
	Oil & Grease	mg/L	Lab Analysis		
	pH	pH	In situ		
	TSS	mg/L	Lab Analysis		
20 (KCDS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43, 45	No flow was recorded at EPA 20 during the sampling period following a wet-weather event
	TOC	mg/L	Lab Analysis		
	Oil & Grease	mg/L	Lab Analysis		
	pH	pH	In situ		
	TSS	mg/L	Lab Analysis		

21 (PCa)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43, 45	No flow was recorded at EPA 21 during the sampling period following a wet-weather event
	TOC	mg/L	Lab Analysis		
	Oil & Grease	mg/L	Lab Analysis		
	pH	pH	In situ		
	TSS	mg/L	Lab Analysis		
22 (PC1)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43, 45	No flow was recorded at EPA 21 during the sampling period following a wet-weather event
	TOC	mg/L	Lab Analysis		
	Oil & Grease	mg/L	Lab Analysis		
	pH	pH	In situ		
	TSS	mg/L	Lab Analysis		
24 (NR1)	pH	pH	In situ	Upon Discharge (within 4 hrs)	Namoi discharge point – Not constructed or currently utilised (NR1)
	TDS	mg/L	Lab Analysis		
25 (NRUS)	pH	pH	In situ	Upon Discharge (within 4 hrs)	Namoi discharge point – Not constructed or currently utilised (NRUS)
	TDS	mg/L	Lab Analysis		
26 (NRDS)	pH	pH	In situ	Upon Discharge (within 4 hrs)	Namoi discharge point – Not constructed or currently utilised (NRDS)
	TDS	mg/L	Lab Analysis		
28 (P28)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		

29 (P29)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		
30 (P30)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		
31 (P31)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		

32 (P32)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		
33 (P33)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		
34 (P34)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		

35 (P58)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulfate	mg/L	Lab Analysis		
36 (P83)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		
37 (P84)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		

38 (P85)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulfate	mg/L	Lab Analysis		
39 (P88)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulfate	mg/L	Lab Analysis		
40 (P89)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		

43 (SD9)	Conductivity	µs/cm	In situ	Upon discharge (within 12 hours)	No discharge occurred during sampling period (SD9)
	TOC	mg/L	Lab Analysis		
44 (KCTOP)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43, 45	No discharge occurred during sampling period (SD9)
	TOC	mg/L	Lab Analysis		
	Oil & Grease	mg/L	Lab Analysis		
	pH	pH	In situ		
	TSS	mg/L	Lab Analysis		
45 (SD10)	Conductivity	µs/cm	In situ	Upon discharge (within 12 hours)	No discharge occurred during sampling period (SD10)
	TOC	mg/L	Lab Analysis		

Table 2 - Pollutant Limits Apply (Water)

EPL ID	Pollutant	Units of Measure	Sample Method	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Max or Only Value	EPL Limit	Exceedance (Yes/No)	Comments (Mine Site Sample ID)
11	TSS	mg/L	Lab Analysis	Upon discharge	1	No discharge occurred during sampling period					50	NA	SD4
	Oil & Grease	mg/L	Lab Analysis		1						10	NA	
	pH	pH	In situ		1						6.5-8.5	NA	
13	TSS	mg/L	Lab Analysis	Upon discharge	1	No discharge occurred during sampling period					50	NA	SD2
	Oil & Grease	mg/L	Lab Analysis		1						10	NA	
	pH	pH	In situ		1						6.5-8.5	NA	
18	TSS	mg/L	Lab Analysis	Upon discharge	1	No discharge occurred during sampling period					50	NA	SD7
	Oil & Grease	mg/L	Lab Analysis		1						10	NA	
	pH	pH	In situ		1						6.5-8.5	NA	
24	TDS	mg/L	Lab Analysis	Upon discharge	0	Namoi discharge point – Not constructed or currently utilised.					350	NA	NR1
	pH	pH	In situ		0						6.5-8.5	NA	
27	TSS	mg/L	Lab Analysis	Upon discharge	1	No discharge occurred during sampling period					50	NA	SD8
	Oil & Grease	mg/L	Lab Analysis		1						10	NA	
	pH	pH	In situ		1						6.5-8.5	NA	
43	TSS	mg/L	Lab Analysis	Upon discharge	1	No discharge occurred during sampling period					50	No ^a	SD9
	Oil & Grease	mg/L	Lab Analysis		1						10	No	
	pH	pH	In situ		1						6.5-8.5	No	
45	TSS	mg/L	Lab Analysis	Upon discharge	1	No discharge occurred during sampling period					50	NA	SD10
	Oil & Grease	mg/L	Lab Analysis		1						10	NA	
	pH	pH	In situ		1						6.5-8.5	NA	

Table 3 – Quarterly Attended Noise Monitoring Results

Noise monitoring was undertaken in September 2025.

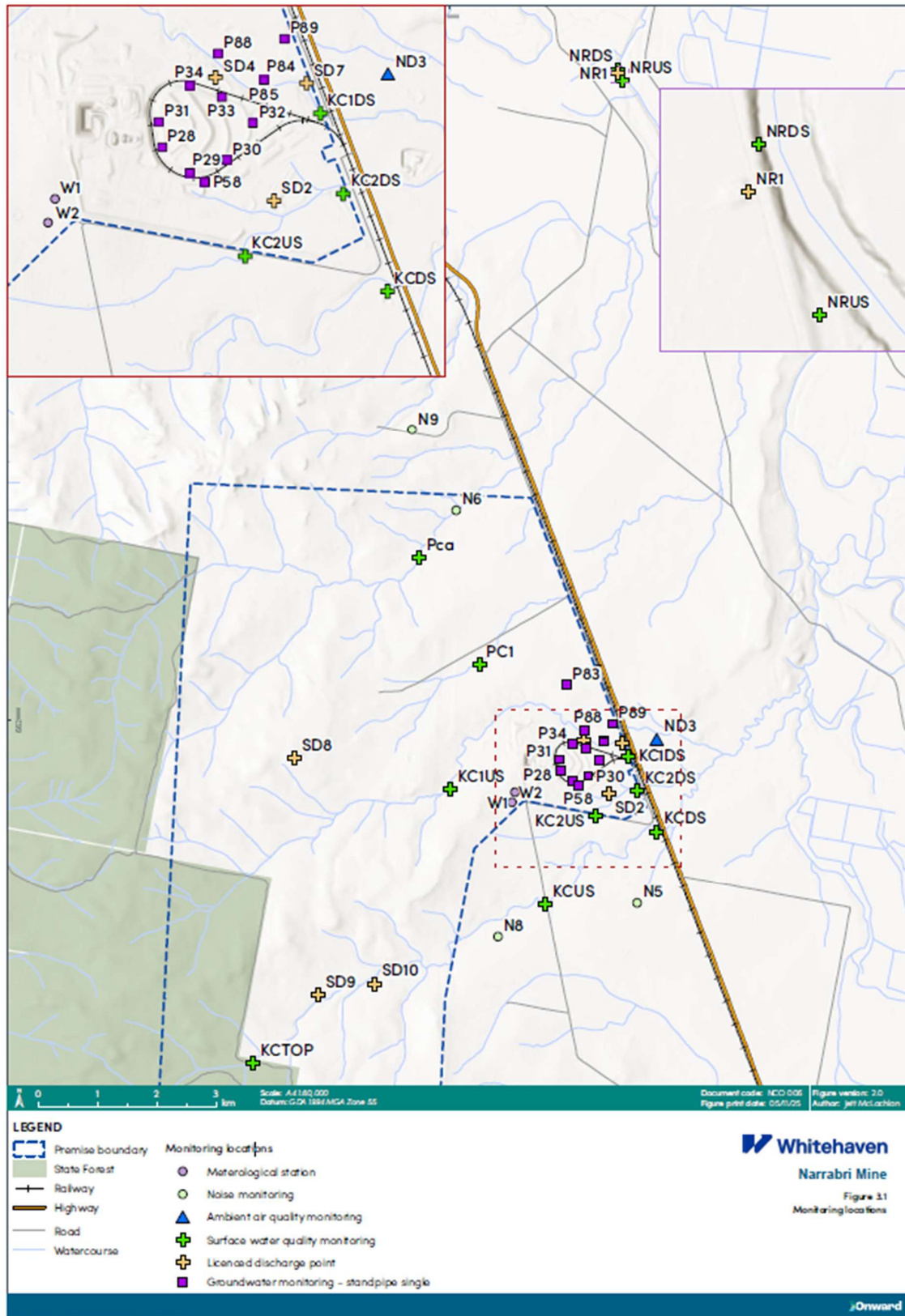
EPL ID ID	Date	Measured Levels LA eq(15 min) Day	Measured Levels LA eq(15 min) Evening	Measured Levels LA eq(15 min) Night	Measured Levels LA1 (1 min) Night	Limit (s)	Measurement	Standard Weather			Date Obtained
							Periods	Day	Evening	Night	
N5 ¹	08/09/2025 ³	I/A	29	30	35	Day, Evening, Night – LAeq(15min) - 35 dBA Night LA1(1min) – 45 dBA	Day - 1.5 hrs Evening - 0.5 hrs Night – 1hrs	N	Y	Y	07/10/2022
	09/09/2025 ³	I/A	32	30	40			N	Y	N	
	10/09/2025 ³	32	26	32	35			N	N	N	
N6	08/09/2025 ³	I/A	I/A	<20	20			N	Y	Y	
	09/09/2025 ³	I/A	23	I/A	I/A			N	Y	Y	
	10/09/2025 ³	28	I/A	26	28			N	N	N	
N8 ¹	08/09/2025 ³	I/A	32	34	44			N	Y	Y	
	09/09/2025 ³	N/M	35	35	45			N	Y	N	
	10/09/2025 ³	N/M	I/A	30	38			N	N	N	
N9 ¹	08/09/2025 ³	I/A	I/A	I/A	I/A			N	Y	Y	
	09/09/2025 ³	I/A	I/A	I/A	I/A			N	Y	Y	
	10/09/2025 ³	30	I/A	25	28			N	N	N	

I/A = Inaudible, N/M = Not Measurable

Note 1: Property is owned by Narrabri Coal Operations. Noise limits contained in Conditions 1-3, Schedule 4 of PA 08_0144 Mod 2 and the identical limits contained in condition L3 of Environment Protection Licence No 12789 are not applicable.

Note 2: Evening and Night monitoring conducted on this date, Day monitoring conducted during the following day period

Figure 1 – EPL 12789 Monitoring Locations



NARRABRI MINE – MONTHLY MONITORING SUMMARY

Site Information

EPL No: 12789

EPA Website Link: <http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=106922&SYSUID=1&LICID=12789>

Licensee: Narrabri Coal Operations Pty Ltd

Licensee Address: Narrabri Mine, 10 Kurrajong Creek Road, BAAN BAA NSW 2390

EPL Monitoring Points: See Figure 1 below

Sampling Period: October 2025

Obtained Date: 20.11.2025

Publication Date: 25.11.2025

Table 1 – No Pollutant Limits Apply

EPL ID	Pollutant	Units of Measure	Sample Method	Monitoring Frequency	No. of Samples for the Month	Dates Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
ND3	Deposited Matter	g/m ² /month	Lab Analysis	Once a month (min. 4 weeks)	1	10/10/2025	21/10/2025	NA	NA	NA	0.2
11 (SD4)	Conductivity	µs/cm	In situ	Upon discharge (within 12 hours)	No discharge occurred during sampling period (SD4)						
	TOC	mg/L	Lab Analysis								
13 (SD2)	Conductivity	µs/cm	In situ	Upon discharge (within 12 hours)	No discharge occurred during sampling period (SD2)						
	TOC	mg/L	Lab Analysis								
14 (KC1US)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43, 45	No flow was recorded at EPA 14 during the sampling period following a wet-weather event						
	TOC	mg/L	Lab Analysis								
	Oil & Grease	mg/L	Lab Analysis								
	pH	pH	In situ								
	TSS	mg/L	Lab Analysis								
15 (KC1DS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43, 45	No flow was recorded at EPA 15 during the sampling period following a wet-weather event						
	TOC	mg/L	Lab Analysis								
	Oil & Grease	mg/L	Lab Analysis								
	pH	pH	In situ								
	TSS	mg/L	Lab Analysis								

16 (KC2US)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43, 45	No flow was recorded at EPA 16 during the sampling period following a wet-weather event
	TOC	mg/L	Lab Analysis		
	Oil & Grease	mg/L	Lab Analysis		
	pH	pH	In situ		
	TSS	mg/L	Lab Analysis		
17 (KC2DS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43, 45	No flow was recorded at EPA 17 during the sampling period following a wet-weather event
	TOC	mg/L	Lab Analysis		
	Oil & Grease	mg/L	Lab Analysis		
	pH	pH	In situ		
	TSS	mg/L	Lab Analysis		
18 (SD7)	Conductivity	µs/cm	In Situ	Upon discharge (within 12 hours)	No discharge occurred during sampling period (SD7)
	TOC	mg/L	Lab Analysis		
19 (KCUS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43, 45	No flow was recorded at EPA 19 during the sampling period following a wet-weather event
	Oil & Grease	mg/L	Lab Analysis		
	pH	pH	In situ		
	TSS	mg/L	Lab Analysis		
20 (KCDS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43, 45	No flow was recorded at EPA 20 during the sampling period following a wet-weather event
	TOC	mg/L	Lab Analysis		
	Oil & Grease	mg/L	Lab Analysis		
	pH	pH	In situ		
	TSS	mg/L	Lab Analysis		

21 (PCa)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43, 45	No flow was recorded at EPA 21 during the sampling period following a wet-weather event
	TOC	mg/L	Lab Analysis		
	Oil & Grease	mg/L	Lab Analysis		
	pH	pH	In situ		
	TSS	mg/L	Lab Analysis		
22 (PC1)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43, 45	No flow was recorded at EPA 21 during the sampling period following a wet-weather event
	TOC	mg/L	Lab Analysis		
	Oil & Grease	mg/L	Lab Analysis		
	pH	pH	In situ		
	TSS	mg/L	Lab Analysis		
24 (NR1)	pH	pH	In situ	Upon Discharge (within 4 hrs)	Namoi discharge point – Not constructed or currently utilised (NR1)
	TDS	mg/L	Lab Analysis		
25 (NRUS)	pH	pH	In situ	Upon Discharge (within 4 hrs)	Namoi discharge point – Not constructed or currently utilised (NRUS)
	TDS	mg/L	Lab Analysis		
26 (NRDS)	pH	pH	In situ	Upon Discharge (within 4 hrs)	Namoi discharge point – Not constructed or currently utilised (NRDS)
	TDS	mg/L	Lab Analysis		
28 (P28)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		

29 (P29)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		
30 (P30)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		
31 (P31)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		

32 (P32)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		
33 (P33)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		
34 (P34)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		
35 (P58)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		

	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulfate	mg/L	Lab Analysis		
36 (P83)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		
37 (P84)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		

38 (P85)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulfate	mg/L	Lab Analysis		
39 (P88)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulfate	mg/L	Lab Analysis		
40 (P89)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		

43 (SD9)	Conductivity	µs/cm	In situ	Upon discharge (within 12 hours)	No discharge occurred during sampling period (SD9)
	TOC	mg/L	Lab Analysis		
44 (KCTOP)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43, 45	No discharge occurred during sampling period (SD9)
	TOC	mg/L	Lab Analysis		
	Oil & Grease	mg/L	Lab Analysis		
	pH	pH	In situ		
	TSS	mg/L	Lab Analysis		
45 (SD10)	Conductivity	µs/cm	In situ	Upon discharge (within 12 hours)	No discharge occurred during sampling period (SD10)
	TOC	mg/L	Lab Analysis		

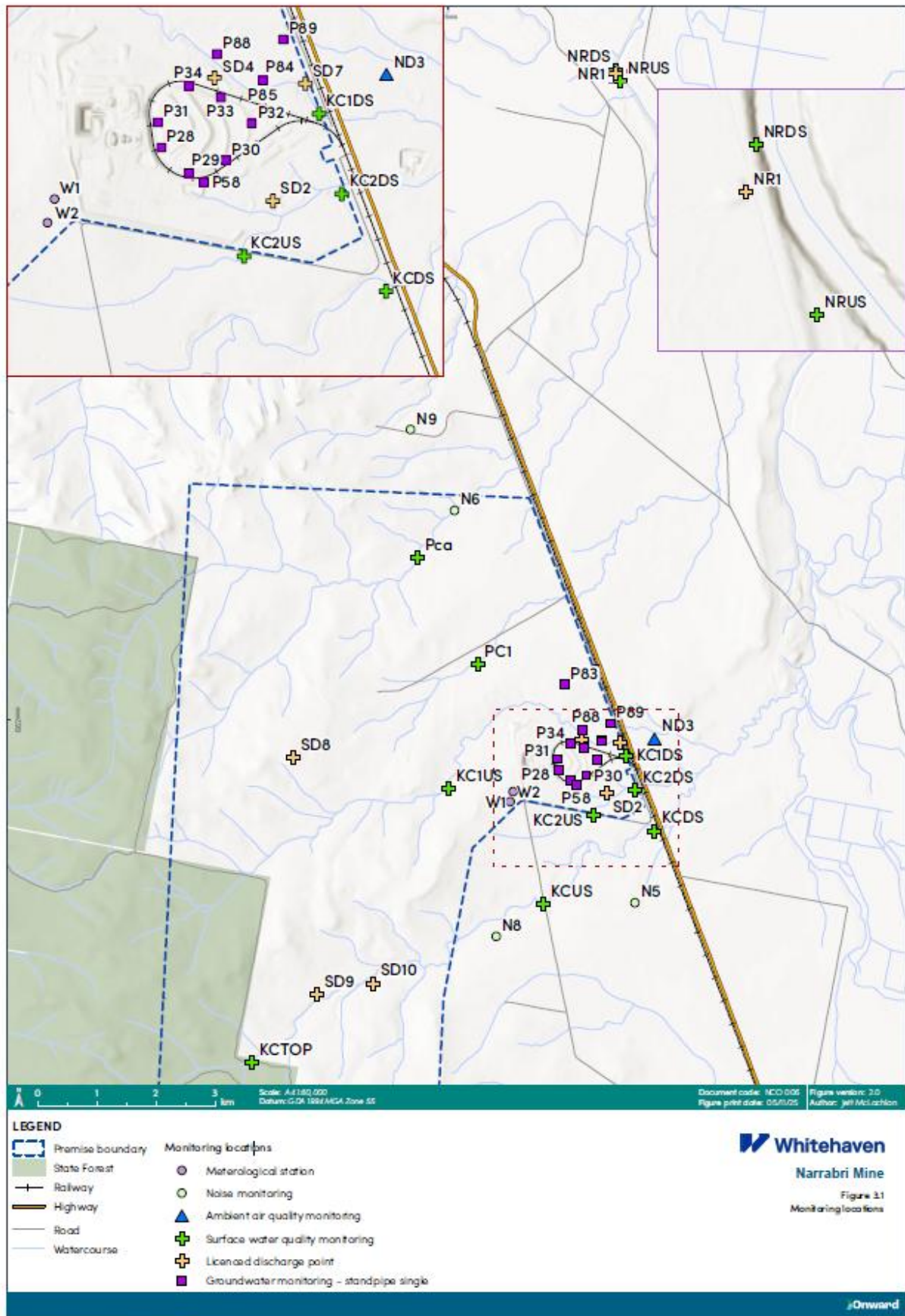
Table 2 - Pollutant Limits Apply (Water)

EPL ID	Pollutant	Units of Measure	Sample Method	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Max or Only Value	EPL Limit	Exceedance (Yes/No)	Comments (Mine Site Sample ID)
11	TSS	mg/L	Lab Analysis	Upon discharge	1	No discharge occurred during sampling period					50	NA	SD4
	Oil & Grease	mg/L	Lab Analysis		1						10	NA	
	pH	pH	In situ		1						6.5-8.5	NA	
13	TSS	mg/L	Lab Analysis	Upon discharge	1	No discharge occurred during sampling period					50	NA	SD2
	Oil & Grease	mg/L	Lab Analysis		1						10	NA	
	pH	pH	In situ		1						6.5-8.5	NA	
18	TSS	mg/L	Lab Analysis	Upon discharge	1	No discharge occurred during sampling period					50	NA	SD7
	Oil & Grease	mg/L	Lab Analysis		1						10	NA	
	pH	pH	In situ		1						6.5-8.5	NA	
24	TDS	mg/L	Lab Analysis	Upon discharge	0	Namoi discharge point – Not constructed or currently utilised.					350	NA	NR1
	pH	pH	In situ		0						6.5-8.5	NA	
27	TSS	mg/L	Lab Analysis	Upon discharge	1	No discharge occurred during sampling period					50	NA	SD8
	Oil & Grease	mg/L	Lab Analysis		1						10	NA	
	pH	pH	In situ		1						6.5-8.5	NA	
43	TSS	mg/L	Lab Analysis	Upon discharge	1	No discharge occurred during sampling period					50	No ^a	SD9
	Oil & Grease	mg/L	Lab Analysis		1						10	No	
	pH	pH	In situ		1						6.5-8.5	No	
45	TSS	mg/L	Lab Analysis	Upon discharge	1	No discharge occurred during sampling period					50	NA	SD10
	Oil & Grease	mg/L	Lab Analysis		1						10	NA	
	pH	pH	In situ		1						6.5-8.5	NA	

Table 3 – Quarterly Attended Noise Monitoring Results

Noise monitoring not scheduled for October. Next scheduled sampling is December 2025

Figure 1 – EPL 12789 Monitoring Locations



NARRABRI MINE – MONTHLY MONITORING SUMMARY

Site Information

EPL No: 12789

EPA Website Link: <http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=106922&SYSUID=1&LICID=12789>

Licensee: Narrabri Coal Operations Pty Ltd

Licensee Address: Narrabri Mine, 10 Kurrajong Creek Road, BAAN BAA NSW 2390

EPL Monitoring Points: See Figure 1 below

Sampling Period: November 2025

Obtained Date: 20.12.2025

Publication Date: 22.12.2025

Table 1 – No Pollutant Limits Apply

EPL ID	Pollutant	Units of Measure	Sample Method	Monitoring Frequency	No. of Samples for the Month	Dates Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
ND3	Deposited Matter	g/m ² /month	Lab Analysis	Once a month (min. 4 weeks)	1	11/11/2025	11/11/2025	NA	NA	NA	0.8
11 (SD4)	Conductivity	µs/cm	In situ	Upon discharge (within 12 hours)	No discharge occurred during sampling period (SD4)						
	TOC	mg/L	Lab Analysis								
13 (SD2)	Conductivity	µs/cm	In situ	Upon discharge (within 12 hours)	No discharge occurred during sampling period (SD2)						
	TOC	mg/L	Lab Analysis								
14 (KC1US)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43, 45	No flow was recorded at EPA 14 during the sampling period following a wet-weather event						
	TOC	mg/L	Lab Analysis								
	Oil & Grease	mg/L	Lab Analysis								
	pH	pH	In situ								
	TSS	mg/L	Lab Analysis								
15 (KC1DS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43, 45	No flow was recorded at EPA 15 during the sampling period following a wet-weather event						
	TOC	mg/L	Lab Analysis								
	Oil & Grease	mg/L	Lab Analysis								
	pH	pH	In situ								
	TSS	mg/L	Lab Analysis								

16 (KC2US)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43, 45	No flow was recorded at EPA 16 during the sampling period following a wet-weather event
	TOC	mg/L	Lab Analysis		
	Oil & Grease	mg/L	Lab Analysis		
	pH	pH	In situ		
	TSS	mg/L	Lab Analysis		
17 (KC2DS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43, 45	No flow was recorded at EPA 17 during the sampling period following a wet-weather event
	TOC	mg/L	Lab Analysis		
	Oil & Grease	mg/L	Lab Analysis		
	pH	pH	In situ		
	TSS	mg/L	Lab Analysis		
18 (SD7)	Conductivity	µs/cm	In Situ	Upon discharge (within 12 hours)	No discharge occurred during sampling period (SD7)
	TOC	mg/L	Lab Analysis		
19 (KCUS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43, 45	No flow was recorded at EPA 19 during the sampling period following a wet-weather event
	Oil & Grease	mg/L	Lab Analysis		
	pH	pH	In situ		
	TSS	mg/L	Lab Analysis		
20 (KCDS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43, 45	No flow was recorded at EPA 20 during the sampling period following a wet-weather event
	TOC	mg/L	Lab Analysis		
	Oil & Grease	mg/L	Lab Analysis		
	pH	pH	In situ		
	TSS	mg/L	Lab Analysis		

21 (PCa)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43, 45	No flow was recorded at EPA 21 during the sampling period following a wet-weather event
	TOC	mg/L	Lab Analysis		
	Oil & Grease	mg/L	Lab Analysis		
	pH	pH	In situ		
	TSS	mg/L	Lab Analysis		
22 (PC1)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43, 45	No flow was recorded at EPA 21 during the sampling period following a wet-weather event
	TOC	mg/L	Lab Analysis		
	Oil & Grease	mg/L	Lab Analysis		
	pH	pH	In situ		
	TSS	mg/L	Lab Analysis		
24 (NR1)	pH	pH	In situ	Upon Discharge (within 4 hrs)	Namoi discharge point – Not constructed or currently utilised (NR1)
	TDS	mg/L	Lab Analysis		
25 (NRUS)	pH	pH	In situ	Upon Discharge (within 4 hrs)	Namoi discharge point – Not constructed or currently utilised (NRUS)
	TDS	mg/L	Lab Analysis		
26 (NRDS)	pH	pH	In situ	Upon Discharge (within 4 hrs)	Namoi discharge point – Not constructed or currently utilised (NRDS)
	TDS	mg/L	Lab Analysis		
28 (P28)	Conductivity	µs/cm	In situ	Quarterly	Bore dry – unable to sample
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		

29 (P29)	Conductivity	µs/cm	In situ	Quarterly	1	7/11/2025	21/11/2025	NA	NA	NA	19590
	pH	pH	In situ		1	7/11/2025	21/11/2025	NA	NA	NA	7.15
	SWL	mbtoc	In situ		1	7/11/2025	21/11/2025	NA	NA	NA	4.2
	Bicarbonate	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	608
	Calcium	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	195
	Carbonate	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	< 1
	Chloride	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	6330
	Magnesium	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	376
	Potassium	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	6000
	Sodium	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	3580
	Sulphate	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	773
30 (P30)	Conductivity	µs/cm	In situ	Quarterly	1	7/11/2025	21/11/2025	NA	NA	NA	16220
	pH	pH	In situ		1	7/11/2025	21/11/2025	NA	NA	NA	6.84
	SWL	mbtoc	In situ		1	7/11/2025	21/11/2025	NA	NA	NA	10.9
	Bicarbonate	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	838
	Calcium	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	157
	Carbonate	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	< 1
	Chloride	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	4960
	Magnesium	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	340
	Potassium	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	19000
	Sodium	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	3010
	Sulphate	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	1020
31 (P31)	Conductivity	µs/cm	In situ	Quarterly	1	7/11/2025	21/11/2025	NA	NA	NA	6730
	pH	pH	In situ		1	7/11/2025	21/11/2025	NA	NA	NA	7.02
	SWL	mbtoc	In situ		1	7/11/2025	21/11/2025	NA	NA	NA	15.99
	Bicarbonate	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	809
	Calcium	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	97
	Carbonate	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	< 1
	Chloride	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	1600
	Magnesium	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	155
	Potassium	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	13000
	Sodium	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	1160
	Sulphate	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	334

32 (P32)	Conductivity	µs/cm	In situ	Quarterly	1	7/11/2025	21/11/2025	NA	NA	NA	3640
	pH	pH	In situ		1	7/11/2025	21/11/2025	NA	NA	NA	7.86
	SWL	mbtoc	In situ		1	7/11/2025	21/11/2025	NA	NA	NA	6.4
	Bicarbonate	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	799
	Calcium	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	4
	Carbonate	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	54
	Chloride	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	559
	Magnesium	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	14
	Potassium	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	< 1000
	Sodium	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	813
	Sulphate	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	202
33 (P33)	Conductivity	µs/cm	In situ	Quarterly	1	7/11/2025	21/11/2025	NA	NA	NA	14700
	pH	pH	In situ		1	7/11/2025	21/11/2025	NA	NA	NA	6.98
	SWL	mbtoc	In situ		1	7/11/2025	21/11/2025	NA	NA	NA	14.88
	Bicarbonate	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	484
	Calcium	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	86
	Carbonate	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	< 1
	Chloride	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	4890
	Magnesium	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	226
	Potassium	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	14000
	Sodium	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	2910
	Sulphate	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	758
34 (P34)	Conductivity	µs/cm	In situ	Quarterly	1	Bore dry – unable to sample					
	pH	pH	In situ		1						
	SWL	mbtoc	In situ		1						
	Bicarbonate	mg/L	Lab Analysis		1						
	Calcium	mg/L	Lab Analysis		1						
	Carbonate	mg/L	Lab Analysis		1						
	Chloride	mg/L	Lab Analysis		1						
	Magnesium	mg/L	Lab Analysis		1						
	Potassium	mg/L	Lab Analysis		1						
	Sodium	mg/L	Lab Analysis		1						
	Sulphate	mg/L	Lab Analysis		1						
35 (P58)	Conductivity	µs/cm	In situ	Quarterly	1	7/11/2025	21/11/2025	NA	NA	NA	12090
	pH	pH	In situ		1	7/11/2025	21/11/2025	NA	NA	NA	6.71
	SWL	mbtoc	In situ		1	7/11/2025	21/11/2025	NA	NA	NA	18.37
	Bicarbonate	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	4530

	Calcium	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	34
	Carbonate	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	< 1
	Chloride	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	1880
	Magnesium	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	66
	Potassium	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	83000
	Sodium	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	2860
	Sulfate	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	147
36 (P83)	Conductivity	µs/cm	In situ	Quarterly	1	Bore dry – unable to sample					
	pH	pH	In situ		1						
	SWL	mbtoc	In situ		1						
	Bicarbonate	mg/L	Lab Analysis		1						
	Calcium	mg/L	Lab Analysis		1						
	Carbonate	mg/L	Lab Analysis		1						
	Chloride	mg/L	Lab Analysis		1						
	Magnesium	mg/L	Lab Analysis		1						
	Potassium	mg/L	Lab Analysis		1						
	Sodium	mg/L	Lab Analysis		1						
	Sulphate	mg/L	Lab Analysis		1						
37 (P84)	Conductivity	µs/cm	In situ	Quarterly	1	7/11/2025	21/11/2025	NA	NA	NA	20390
	pH	pH	In situ		1	7/11/2025	21/11/2025	NA	NA	NA	6.68
	SWL	mbtoc	In situ		1	7/11/2025	21/11/2025	NA	NA	NA	13.42
	Bicarbonate	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	2610
	Calcium	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	109
	Carbonate	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	< 1
	Chloride	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	6000
	Magnesium	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	388
	Potassium	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	38000
	Sodium	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	4370
	Sulphate	mg/L	Lab Analysis		1	7/11/2025	21/11/2025	NA	NA	NA	1010

38 (P85)	Conductivity	µs/cm	In situ	Quarterly	1	Bore dry – unable to sample
	pH	pH	In situ		1	
	SWL	mbtoc	In situ		1	
	Bicarbonate	mg/L	Lab Analysis		1	
	Calcium	mg/L	Lab Analysis		1	
	Carbonate	mg/L	Lab Analysis		1	
	Chloride	mg/L	Lab Analysis		1	
	Magnesium	mg/L	Lab Analysis		1	
	Potassium	mg/L	Lab Analysis		1	
	Sodium	mg/L	Lab Analysis		1	
	Sulfate	mg/L	Lab Analysis		1	
39 (P88)	Conductivity	µs/cm	In situ	Quarterly	1	Bore dry – unable to sample
	pH	pH	In situ		1	
	SWL	mbtoc	In situ		1	
	Bicarbonate	mg/L	Lab Analysis		1	
	Calcium	mg/L	Lab Analysis		1	
	Carbonate	mg/L	Lab Analysis		1	
	Chloride	mg/L	Lab Analysis		1	
	Magnesium	mg/L	Lab Analysis		1	
	Potassium	mg/L	Lab Analysis		1	
	Sodium	mg/L	Lab Analysis		1	
	Sulfate	mg/L	Lab Analysis		1	
40 (P89)	Conductivity	µs/cm	In situ	Quarterly	1	Bore dry – unable to sample
	pH	pH	In situ		1	
	SWL	mbtoc	In situ		1	
	Bicarbonate	mg/L	Lab Analysis		1	
	Calcium	mg/L	Lab Analysis		1	
	Carbonate	mg/L	Lab Analysis		1	
	Chloride	mg/L	Lab Analysis		1	
	Magnesium	mg/L	Lab Analysis		1	
	Potassium	mg/L	Lab Analysis		1	
	Sodium	mg/L	Lab Analysis		1	
	Sulphate	mg/L	Lab Analysis		1	

43 (SD9)	Conductivity	µs/cm	In situ	Upon discharge (within 12 hours)	No discharge occurred during sampling period (SD9)
	TOC	mg/L	Lab Analysis		
44 (KCTOP)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43, 45	No discharge occurred during sampling period (SD9)
	TOC	mg/L	Lab Analysis		
	Oil & Grease	mg/L	Lab Analysis		
	pH	pH	In situ		
	TSS	mg/L	Lab Analysis		
45 (SD10)	Conductivity	µs/cm	In situ	Upon discharge (within 12 hours)	No discharge occurred during sampling period (SD10)
	TOC	mg/L	Lab Analysis		

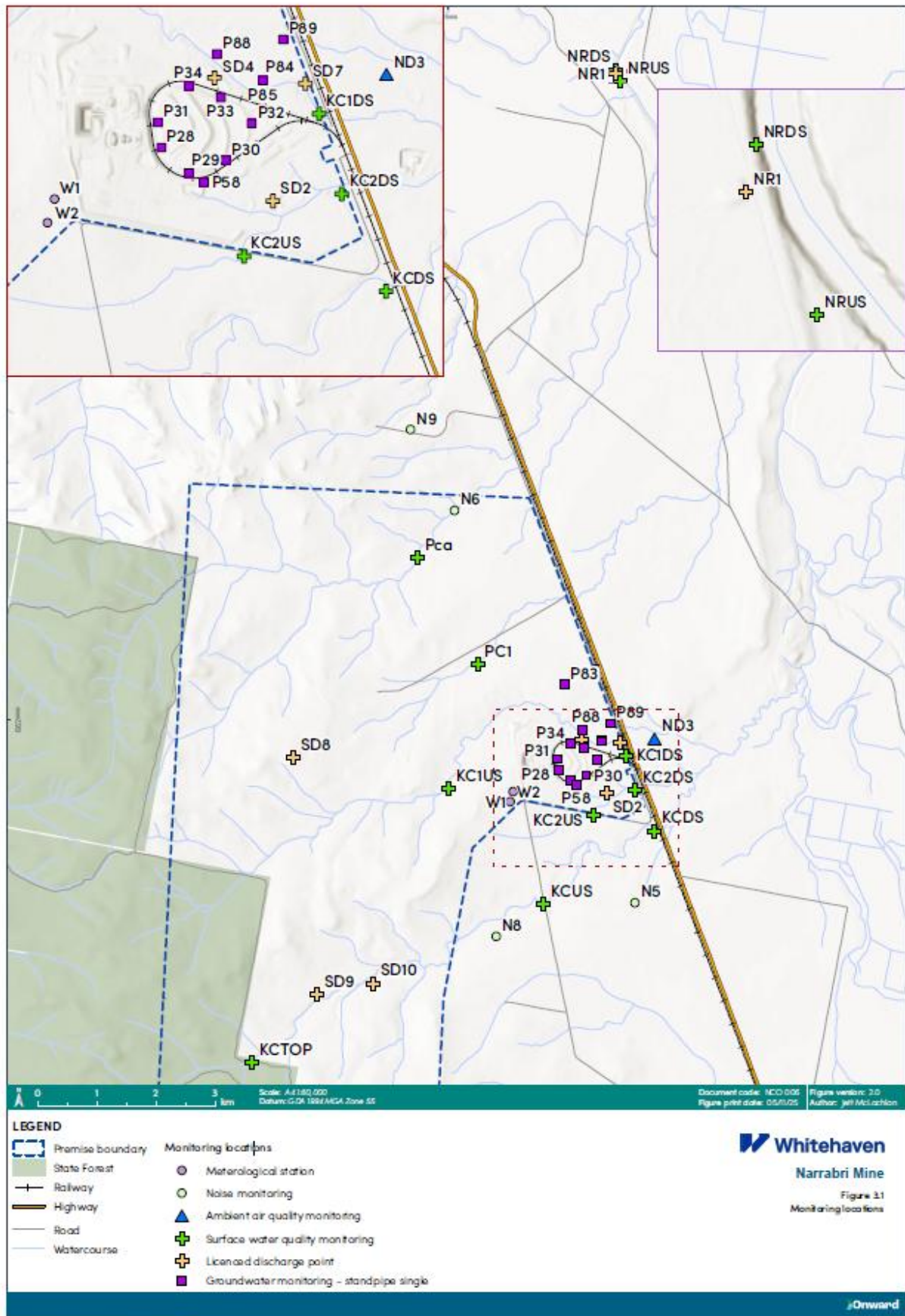
Table 2 - Pollutant Limits Apply (Water)

EPL ID	Pollutant	Units of Measure	Sample Method	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Max or Only Value	EPL Limit	Exceedance (Yes/No)	Comments (Mine Site Sample ID)
11	TSS	mg/L	Lab Analysis	Upon discharge	1	No discharge occurred during sampling period					50	NA	SD4
	Oil & Grease	mg/L	Lab Analysis		1						10	NA	
	pH	pH	In situ		1						6.5-8.5	NA	
13	TSS	mg/L	Lab Analysis	Upon discharge	1	No discharge occurred during sampling period					50	NA	SD2
	Oil & Grease	mg/L	Lab Analysis		1						10	NA	
	pH	pH	In situ		1						6.5-8.5	NA	
18	TSS	mg/L	Lab Analysis	Upon discharge	1	No discharge occurred during sampling period					50	NA	SD7
	Oil & Grease	mg/L	Lab Analysis		1						10	NA	
	pH	pH	In situ		1						6.5-8.5	NA	
24	TDS	mg/L	Lab Analysis	Upon discharge	0	Namoi discharge point – Not constructed or currently utilised.					350	NA	NR1
	pH	pH	In situ		0						6.5-8.5	NA	
27	TSS	mg/L	Lab Analysis	Upon discharge	1	No discharge occurred during sampling period					50	NA	SD8
	Oil & Grease	mg/L	Lab Analysis		1						10	NA	
	pH	pH	In situ		1						6.5-8.5	NA	
43	TSS	mg/L	Lab Analysis	Upon discharge	1	No discharge occurred during sampling period					50	No ^a	SD9
	Oil & Grease	mg/L	Lab Analysis		1						10	No	
	pH	pH	In situ		1						6.5-8.5	No	
45	TSS	mg/L	Lab Analysis	Upon discharge	1	No discharge occurred during sampling period					50	NA	SD10
	Oil & Grease	mg/L	Lab Analysis		1						10	NA	
	pH	pH	In situ		1						6.5-8.5	NA	

Table 3 – Quarterly Attended Noise Monitoring Results

Noise monitoring not scheduled for October. Next scheduled sampling is December 2025

Figure 1 – EPL 12789 Monitoring Locations



NARRABRI MINE – MONTHLY MONITORING SUMMARY

Site Information

EPL No: 12789

EPA Website Link: <http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=106922&SYSUID=1&LICID=12789>

Licensee: Narrabri Coal Operations Pty Ltd

Licensee Address: Narrabri Mine, 10 Kurrajong Creek Road, BAAN BAA NSW 2390

EPL Monitoring Points: See Figure 1 below

Sampling Period: December 2025

Obtained Date: 20/01/2026

Publication Date: 20/01/2026

Table 1 – No Pollutant Limits Apply

EPL ID	Pollutant	Units of Measure	Sample Method	Monitoring Frequency	No. of Samples for the Month	Dates Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
ND3	Deposited Matter	g/m ² /month	Lab Analysis	Once a month (min. 4 weeks)	1	10/12/2025	24/12/2025	NA	NA	NA	2
11 (SD4)	Conductivity	µs/cm	In situ	Upon discharge (within 12 hours)	No discharge occurred during sampling period (SD4)						
	TOC	mg/L	Lab Analysis								
13 (SD2)	Conductivity	µs/cm	In situ	Upon discharge (within 12 hours)	No discharge occurred during sampling period (SD2)						
	TOC	mg/L	Lab Analysis								
	TOC	mg/L	Lab Analysis								
14 (KC1US)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27, 43	No flow recorded during discharge of EPL 43						
	TOC	mg/L	Lab Analysis								
	Oil & Grease	mg/L	Lab Analysis								
	pH	pH	In situ								
	TSS	mg/L	Lab Analysis								
15 (KC1DS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27, 43	No flow recorded during discharge of EPL 43						
	TOC	mg/L	Lab Analysis								
	Oil & Grease	mg/L	Lab Analysis								
	pH	pH	In situ								
	TSS	mg/L	Lab Analysis								

16 (KC2US)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27, 43	No flow recorded during discharge of EPL 43						
	TOC	mg/L	Lab Analysis								
	Oil & Grease	mg/L	Lab Analysis								
	pH	pH	In situ								
	TSS	mg/L	Lab Analysis								
17 (KC2DS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43	No flow recorded during discharge of EPL 43						
	TOC	mg/L	Lab Analysis								
	Oil & Grease	mg/L	Lab Analysis								
	pH	pH	In situ								
	TSS	mg/L	Lab Analysis								
18 (SD7)	Conductivity	µs/cm	In Situ	Upon discharge (within 12 hours)	No discharge occurred during sampling period (SD7)						
	TOC	mg/L	Lab Analysis								
19 (KCUS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43	1	12/12/2025	12/12/2025	NA	NA	NA	94.87
	TOC	mg/L	Lab Analysis		1	12/12/2025	22/12/2025	NA	NA	NA	18
	Oil & Grease	mg/L	Lab Analysis		1	12/12/2025	22/12/2025	NA	NA	NA	<5
	pH	pH	In situ		1	12/12/2025	12/12/2025	NA	NA	NA	7.77
	TSS	mg/L	Lab Analysis		1	12/12/2025	22/12/2025	NA	NA	NA	120

20 (KCDS)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43	No flow recorded during discharge of EPL 43
	TOC	mg/L	Lab Analysis		
	Oil & Grease	mg/L	Lab Analysis		
	pH	pH	In situ		
	TSS	mg/L	Lab Analysis		
21 (PCa)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43	No flow recorded during sampling period
	TOC	mg/L	Lab Analysis		
	Oil & Grease	mg/L	Lab Analysis		
	pH	pH	In situ		
	TSS	mg/L	Lab Analysis		
22 (PC1)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43	No flow recorded during sampling period
	TOC	mg/L	Lab Analysis		
	Oil & Grease	mg/L	Lab Analysis		
	pH	pH	In situ		
	TSS	mg/L	Lab Analysis		
24 (NR1)	pH	pH	In situ	Upon Discharge (within 4 hrs)	Namoi discharge point – Not constructed or currently utilised (NR1)
	TDS	mg/L	Lab Analysis		

25 (NRUS)	pH	pH	In situ	Upon Discharge (within 4 hrs)	<i>Namoi discharge point – Not constructed or currently utilised (NRUS)</i>
	TDS	mg/L	Lab Analysis		
26 (NRDS)	pH	pH	In situ	Upon Discharge (within 4 hrs)	<i>Namoi discharge point – Not constructed or currently utilised (NRDS)</i>
	TDS	mg/L	Lab Analysis		
28 (P28)	Conductivity	µs/cm	In situ	Quarterly	<i>Not scheduled for sampling during sampling period</i>
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		
29 (P29)	Conductivity	µs/cm	In situ	Quarterly	<i>Not scheduled for sampling during sampling period</i>
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		
30 (P30)	Conductivity	µs/cm	In situ	Quarterly	<i>Not scheduled for sampling during sampling period</i>
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		

	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		
31 (P31)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		
32 (P32)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		
33 (P33)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		

	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		
34 (P34)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		

35 (P58)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulfate	mg/L	Lab Analysis		
36 (P83)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulphate	mg/L	Lab Analysis		
37 (P84)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		

	Sulphate	mg/L	Lab Analysis		
38 (P85)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulfate	mg/L	Lab Analysis		
39 (P88)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		
	Potassium	mg/L	Lab Analysis		
	Sodium	mg/L	Lab Analysis		
	Sulfate	mg/L	Lab Analysis		
40 (P89)	Conductivity	µs/cm	In situ	Quarterly	Not scheduled for sampling during sampling period
	pH	pH	In situ		
	SWL	mbtoc	In situ		
	Bicarbonate	mg/L	Lab Analysis		
	Calcium	mg/L	Lab Analysis		
	Carbonate	mg/L	Lab Analysis		
	Chloride	mg/L	Lab Analysis		
	Magnesium	mg/L	Lab Analysis		

	Potassium	mg/L	Lab Analysis								
	Sodium	mg/L	Lab Analysis								
	Sulphate	mg/L	Lab Analysis								
43 (SD9)	Conductivity	µs/cm	In situ	Upon discharge (within 12 hours)	12/12/2025	12/12/2025	NA	NA	NA	NA	209
	TOC	mg/L	Lab Analysis		12/12/2025	23/12/2025		NA	NA	NA	5
44 (KCTOP)	Conductivity	µs/cm	In situ	In the event of flow during the quarter & after each wet weather discharge from points 11, 13, 18,27,43	No flow recorded during discharge of EPL 43						
	TOC	mg/L	Lab Analysis								
	Oil & Grease	mg/L	Lab Analysis								
	pH	pH	In situ								
	TSS	mg/L	Lab Analysis								

Table 2 - Pollutant Limits Apply (Water)

EPL ID	Pollutant	Units of Measure	Sample Method	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Max or Only Value	EPL Limit	Exceedance (Yes/No)	Comments (Mine Site Sample ID)
11	TSS	mg/L	Lab Analysis	Upon discharge	0	<i>No discharge occurred during sampling period</i>					50	NA	SD4
	Oil & Grease	mg/L	Lab Analysis		0						10	NA	
	pH	pH	In situ		0						6.5-8.5	NA	
13	TSS	mg/L	Lab Analysis	Upon discharge	0	<i>No discharge occurred during sampling period</i>					50	NA	SD2
	Oil & Grease	mg/L	Lab Analysis		0						10	NA	
	pH	pH	In situ		0						6.5-8.5	NA	
18	TSS	mg/L	Lab Analysis	Upon discharge	0	<i>No discharge occurred during sampling period</i>					50	NA	SD7
	Oil & Grease	mg/L	Lab Analysis		0						10	NA	
	pH	pH	In situ		0						6.5-8.5	NA	
24	TDS	mg/L	Lab Analysis	Upon discharge	0	<i>Namoi discharge point – Not constructed or currently utilised.</i>					350	NA	NR1
	pH	pH	In situ		0						6.5-8.5	NA	
27	TSS	mg/L	Lab Analysis	Upon discharge	0	<i>No discharge occurred during sampling period</i>					50	NA	SD8
	Oil & Grease	mg/L	Lab Analysis		0						10	NA	
	pH	pH	In situ		0						6.5-8.5	NA	

EPL ID	Pollutant	Units of Measure	Sample Method	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Max or Only Value	EPL Limit	Exceedance (Yes/No)	Comments (Mine Site Sample ID)
43	TSS	mg/L	Lab Analysis	Upon discharge	0	12/12/2025	23/12/2025	-	-	10300	50	No ^a	SD9
	Oil & Grease	mg/L	Lab Analysis		0	12/12/2025	23/12/2025	-	-	<5	10	No	
	pH	pH	In situ		0	12/12/2025	12/12/2025	-	-	8.4	6.5-8.5	No	

^a Total Suspended Solids (TSS) concentration limit did not apply as per EPL12789 Condition L2.5(a) as the controlled discharge occurred solely as a result of rainfall exceeding 38.4mm over a consecutive 5-day period (triggered 11/12/2025).

Table 3 – Quarterly Attended Noise Monitoring December 2025 Results Summary Table

EPL ID	Date	Measured Levels LA eq (15 min) Day	Measured Levels LA eq (15 min) Evening	Measured Levels LA eq (15 min) Night	Measured Levels LA1 (1 min) Night	Limit (s)	Measurement	Standard Weather			Date Obtained
							Periods	Day	Evening	Night	
N5 ¹	1/12/2025 ²	<25	I/A	<25	32 (32)	Day, Evening, Night – LAeq(15min) - 35 dBA Night LA1(1min) – 45 dBA LAmax – 52 dBA	Day - 1.5 hrs Evening - 0.5 hrs Night – 1hrs	N	Y	Y	23/12/2025
	2/12/2025 ²	27	<25	N/M	N/M			Y	Y	Y	
	3/12/2025 ²	<35	N/M	<25	<25 (<25)			N	Y	Y	
N6	1/12/2025 ²	25	I/A	I/A	I/A			Y	Y	Y	
	2/12/2025 ²	I/A	I/A	26	34 (34)			Y	Y	Y	
	3/12/2025 ²	I/A	I/A	<25	27 (27)			N	Y	Y	
N8 ¹	1/12/2025 ²	N/M	I/A	I/A	I/A			N	Y	Y	
	2/12/2025 ²	25	I/A	I/A	I/A			Y	Y	Y	
	3/12/2025 ²	I/A	27	31	33 (33)			N	Y	Y	
N9 ¹	1/12/2025 ²	N/M	I/A	I/A	I/A			Y	Y	Y	
	2/12/2025 ²	31	I/A	25	33 (33)			Y	Y	Y	
	3/12/2025 ²	I/A	I/A	25	26 (26)			Y	Y	Y	

I/A = Inaudible, N/M = Not Measurable

Note 1: Property is owned by Narrabri Coal Operations. Noise limits contained in Conditions 1-3, Schedule 4 of PA 08_0144 Mod 2 and the identical limits contained in condition L3 of Environment Protection Licence No 12789 are not applicable.

Note 2: Evening and Night monitoring conducted on this date, Day monitoring conducted during the following day period

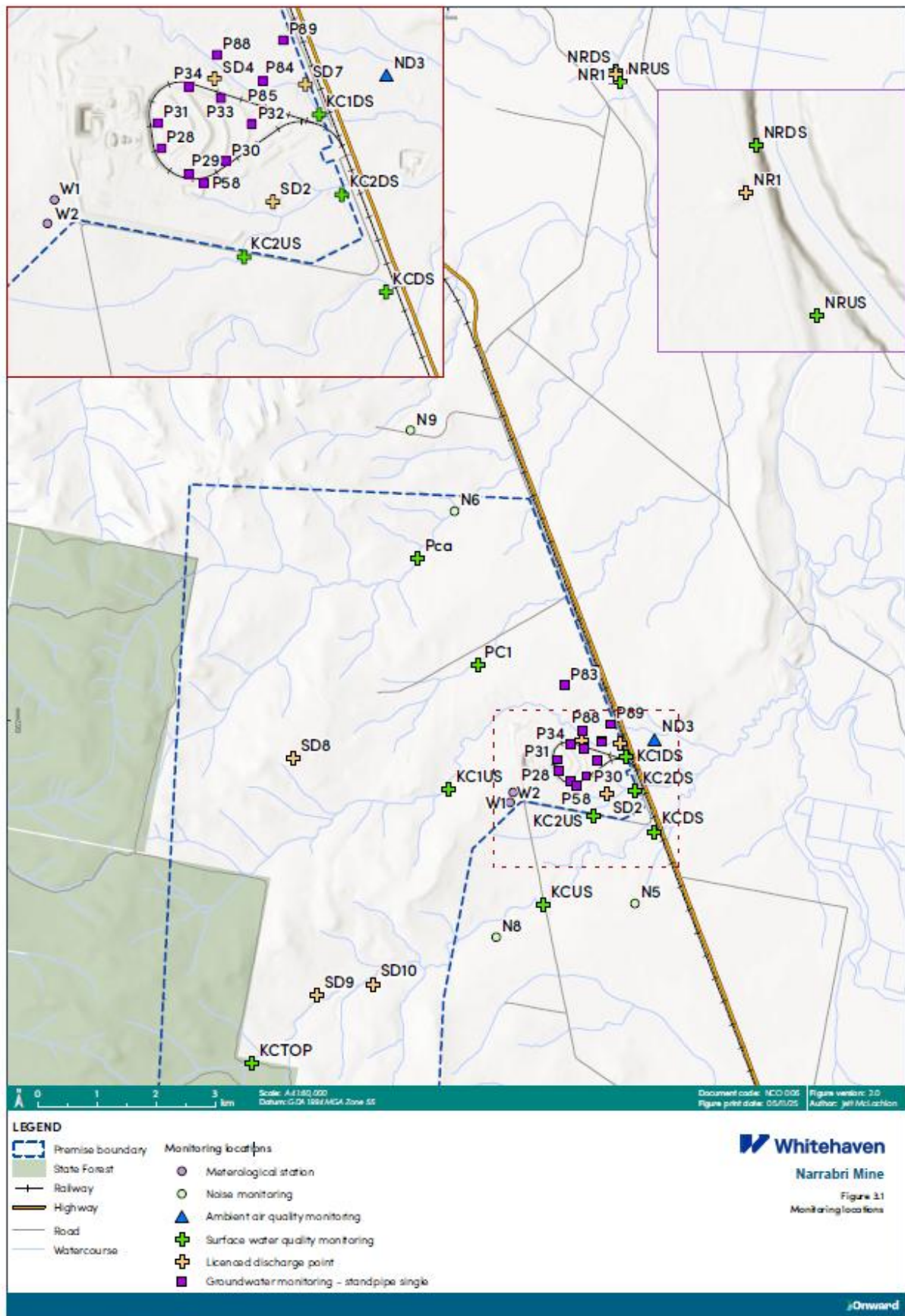


Figure 1 – EPL 12789 Monitoring Locations