

WAMBO COAL
POLLUTION MONITORING DATA
1 FEBRUARY 2025 – 28 FEBRUARY 2025

FEBRUARY MONTHLY REPORT

Published 07 March 2025

Environment Protection Licence Number: 529
Licensee: Wambo Coal Pty Limited, PMB 1, Singleton NSW 2330
Premises: Wambo Coal Pty Limited, Jerrys Plains Road, Warkworth NSW 2330

The following pollution monitoring data is published as a requirement of the Wambo Environmental Protection Licence (EPL) 529. A link to EPL529 can be found on the Environmental Protection Authority (EPA) Public Register. A link to the EPA's public register can be found at: <https://www.epa.nsw.gov.au/licensing-and-regulation/public-registers/about-prpoeo>

Monthly interim reports will be provided on a fortnightly basis until a final monthly report is produced when all monthly data is available.

The location of each sampling point is provided in 'Plan 2672-2' at the end of this document.

Monitoring Data

Surface and Mine Water Dam Monitoring

Monitoring Frequency: Once per month

Sampling Method: Grab sample

Limits: Nil

Table 1 - WCPL Surface and Mine Water Dam Results

EPL ID	Site ID	Date	pH	EC (µS/cm)	TSS (mg/L)	Comments
Point 24	SW01	25/02/2025	7.43	557	5	
Point 25	SW02	25/02/2025	7.61	625	5	
Point 26	SW03	25/02/2025	7.31	606	5	
Point 27	SW04	25/02/2025	-	-	-	DRY
Point 28	SW05	25/02/2025	-	-	-	DRY
Point 29	SW06	25/02/2025	-	-	-	DRY
Point 30	SW07	25/02/2025	7.91	796	5	
Point 31	SW08	25/02/2025	-	-	-	DRY
Point 33	SW15	10/02/2025	9.08	6220	62	
Point 34	SW27a	25/02/2025	-	-	-	DRY
Point 36	SW32a	25/02/2025	-	-	-	DRY
Point 39	SW39	25/02/2025	-	-	-	DRY
Point 40	SW40	25/02/2025	7.29	835	7	
Point 41	SW41	25/02/2025	-	-	-	DRY
Point 42	SW54	25/02/2025	-	-	-	DRY

Water Discharge Monitoring

Monitoring Frequency: Continuous during discharge (EC, pH, Turbidity)
 Daily during discharge (TSS, Volume)
 Sampling Method: In line instrumentation (EC, pH Turbidity)
 Grab sample (TSS)
 Limits: pH- 6.5 to 9.5
 TSS – 120
 Volume – 250ML/day
 Date sampled: Continuous
 Date obtained: Continuous

Table 2 - WCPL Discharge Monitoring

Site	Date	pH (Avg)	Conductivity (µS/cm) Avg	TSS (mg/L)	Turbidity (NTU)	Volume (ML/day)	Comments
Point 4	No Discharge in February						
Point 19	No Discharge in February						

Sewerage Treatment Monitoring

Monitoring Frequency: Quarterly during discharge
 Sampling Method: Grab sample
 Limits: Nil
 Date sampled: No Samples in February
 Date obtained: No Samples in February

Table 3- WCPL Discharge Monitoring

EPL ID	Site ID	Date	pH	Faecal Coliforms (CFU/100mL)	Comments
Point 43	STPD3	-	-	-	No discharge
Point 52	STPD2				Sample required Quarterly
Point 56	STP1	-	-	-	Sample required Quarterly

PM10 Monitoring

Monitoring Frequency: Continuous

Sampling Method: AM22

Limits: Nil

Date sampled: Continuous

Date obtained: Continuous

Table 4 - WCPL PM10 Results

Date	PM02 (D2)- Wambo Road (Caban) (EPA14)		PM03 (D4) - Thelander (EPA15)		PM04 (D1) - Muller (EPA16)		PM05 (D5) - Kelly (EPA 53)	
	PM10 24 Hour Result (ug/m ³)	Annual Average	PM10 24 Hour Result (ug/m ³)	Annual Average	PM10 24 Hour Result (ug/m ³)	Annual Average	PM10 24 Hour Result (ug/m ³)	Annual Average
1/02/2025	12.4	14.06	13.4	10.66	20.1	18.53	14.0	21.30
2/02/2025	13.5	14.02	17.7	10.65	23.0	18.48	18.7	21.27
3/02/2025	12.9	13.95	5.0	10.63	21.6	18.42	11.7	21.21
4/02/2025	23.4	13.92	17.4	10.65	45.1	18.42	23.9	21.12
5/02/2025	19.4	13.89	13.1	10.66	25.1	18.37	20.8	21.03
6/02/2025	21.2	13.90	21.5	10.67	27.3	18.39	19.3	21.03
7/02/2025	15.4	13.92	15.5	10.68	27.3	18.44	14.7	21.04
8/02/2025	17.7	13.93	13.1	10.69	34.4	18.49	17.9	21.04
9/02/2025	17.5	13.94	16.7	10.70	29.0	18.52	17.3	21.03
10/02/2025	9.5	13.94	9.8	10.71	11.9	18.50	16.0	21.03
11/02/2025	NaN	13.91	4.0	10.65	10.6	18.46	13.1	21.00
12/02/2025	NaN	13.90	4.6	10.63	12.3	18.42	13.2	20.99
13/02/2025	15.0	13.90	NaN	10.62	16.3	18.42	11.5	20.97
14/02/2025	18.6	13.92	13.4	10.62	26.7	18.45	22.1	20.98
15/02/2025	15.5	13.94	11.6	10.62	15.5	18.46	14.7	20.99
16/02/2025	12.3	13.94	12.6	10.64	20.9	18.47	10.3	20.98
17/02/2025	15.7	13.95	18.8	10.67	29.5	18.50	21.2	20.98
18/02/2025	26.4	13.97	20.6	10.67	35.3	18.54	22.8	20.98
19/02/2025	19.5	13.99	18.5	10.69	28.2	18.57	20.0	21.00
20/02/2025	11.1	14.00	6.1	10.68	16.1	18.58	14.1	21.01
21/02/2025	18.8	14.02	17.6	10.71	21.5	18.60	17.2	21.03
22/02/2025	15.8	14.00	13.9	10.73	19.9	18.57	7.7	20.99
23/02/2025	25.2	14.02	15.9	10.75	29.9	18.61	18.0	20.97
24/02/2025	26.4	14.07	16.8	10.77	32.4	18.66	24.2	20.99
25/02/2025	16.2	14.06	13.3	10.75	22.7	18.67	15.5	20.99
26/02/2025	23.8	14.06	17.7	10.75	29.0	18.68	18.1	20.97
27/02/2025	28.5	14.10	22.5	10.78	33.5	18.71	16.7	20.97
28/02/2025	23.2	14.09	20.0	10.75	33.2	18.70	29.5	20.99

*NaN >75% of data collected during period

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