

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					
Point 25	SW02					
Point 26	SW03					
Point 27	SW04					
Point 28	SW05					
Point 29	SW06					
Point 30	SW07					
Point 31	SW08					
Point 33	SW15					
Point 34	SW27a					
Point 36	SW32a					
Point 39	SW39					
Point 40	SW40					
Point 41	SW41					
Point 42	SW54					

No Data

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 <sup>3</sup> )	Annual Average	PM10 24 Hour Result (ug/m <sup>3</sup> )	Annual Average	PM10 24 Hour Result (ug/m <sup>3</sup> )	Annual Average	PM10 24 Hour Result (ug/m <sup>3</sup> )	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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