

WAMBO COAL
POLLUTION MONITORING DATA
1 NOVEMBER 2025 – 30 NOVEMBER 2025
NOVEMBER MONTHLY REPORT

Published 4 December 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	Lab results yet to be received.				
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					

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 November						
Point 19	No Discharge in November						

Sewerage Treatment Monitoring

Monitoring Frequency: Quarterly during discharge

Sampling Method: Grab sample

Limits: Nil

Date sampled: No Samples in November 2025

Date obtained: No Samples in November 2025

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
1/11/2025	9.70	13.99	11.39	10.08	19.50	18.22	12.87	18.34
2/11/2025	14.40	13.99	11.73	10.07	22.10	18.20	13.97	18.36
3/11/2025	25.80	14.02	17.57	10.09	25.40	18.20	47.25	18.42
4/11/2025	12.00	14.01	6.38	10.08	7.60	18.15	23.21	18.38
5/11/2025	10.50	13.96	15.17	10.07	14.90	18.09	26.14	18.30
6/11/2025	26.40	13.98	14.82	10.08	31.00	18.10	14.65	18.28
7/11/2025	26.30	13.98	17.87	10.09	30.70	18.08	33.87	18.28
8/11/2025	27.10	13.97	16.21	10.08	24.70	18.06	44.85	18.28
9/11/2025	18.00	14.00	27.43	10.15	16.40	18.09	16.92	18.27
10/11/2025	20.50	13.98	16.41	10.14	29.80	18.06	27.15	18.26
11/11/2025	18.10	13.98	10.02	10.11	15.80	18.01	23.28	18.27
12/11/2025	19.20	13.99	11.93	10.12	35.00	18.03	17.81	18.25
13/11/2025	20.90	14.02	14.30	10.14	20.80	18.04	42.83	18.34
14/11/2025	37.20	14.09	25.73	10.18	50.20	18.13	58.75	18.47
15/11/2025	25.30	14.12	22.23	10.21	32.80	18.16	34.87	18.53
16/11/2025	9.10	14.10	7.29	10.20	7.90	18.11	38.27	18.58
17/11/2025	12.90	14.10	7.44	10.20	10.80	18.08	32.57	18.62
18/11/2025	24.38	14.12	15.05	10.22	27.34	18.11	22.45	18.61
19/11/2025	35.00	14.18	23.76	10.26	30.86	18.15	35.39	18.68
20/11/2025	35.30	14.22	22.44	10.28	32.53	18.17	39.95	18.75
21/11/2025	9.00	14.21	7.89	10.27	16.60	18.13	10.63	18.74
22/11/2025	14.20	14.21	15.34	10.29	21.60	18.13	15.93	18.75
23/11/2025	10.20	14.20	5.76	10.28	13.10	18.11	11.31	18.75
24/11/2025	19.10	14.20	15.29	10.28	25.10	18.09	12.34	18.73
25/11/2025	21.00	14.18	11.73	10.27	16.80	18.03	29.10	18.72
26/11/2025	NaN	14.15	1.81	10.22	11.70	17.96	20.80	18.69
27/11/2025	20.10	14.15	13.44	10.22	21.60	17.93	25.65	18.66
28/11/2025	23.60	14.15	17.24	10.23	37.50	17.95	32.59	18.64
29/11/2025	18.70	14.18	15.85	10.26	25.00	17.99	33.79	18.69
30/11/2025	18.80	14.19	6.87	10.23	26.20	18.00	22.53	18.69

*NaN >75% of data collected during period

Meteorological Monitoring

Monitoring Frequency: Continuous

Sampling Method: Site Meteorological Station EPA17

Limits: Nil

Date sampled: continuous

Date obtained: continuous

Table 5 - WCPL Meteorology

Date	Temperature (2m)			Temperature (10m)			Humidity			Solar Radiation		RAIN	Wind Speed at 10m			Wind Direction at 10m	Sigma Theta		
	Average	Min	Max	Average	Min	Max	Average	Min	Max	Average	Max	Sum (mm)	Average	Min	Max	Average	Average	Max	Min
1/11/2025	21.3	17.6	24.1	21.2	17.9	23.7	74.7	52.6	99.9	203	727	5.6	2.1	0.2	33.8	148	26.6	96.2	9.9
2/11/2025	21.3	16.7	25.4	21.2	17.9	24.9	79.6	62.7	99.9	157	721	0	1.7	0.1	3.7	147	21.8	98.4	7.5
3/11/2025	26.9	19.9	37.5	26.8	19.8	37.0	62.6	18.6	99.9	238	899	0	2.0	0.2	6.4	218	28.0	68.6	8.7
4/11/2025	19.6	10.8	24.8	19.5	12.6	23.8	44.7	19.7	75.2	249	973	0.4	4.0	0.2	7.2	279	22.1	79.7	9.7
5/11/2025	18.3	7.8	28.5	18.5	9.1	27.7	43.1	19.1	77.8	312	966	0	2.3	0.1	5.0	252	26.2	80.4	7.1
6/11/2025	18.9	7.4	29.1	19.0	7.7	28.8	59.7	17.4	99.9	309	961	0	1.3	0	5.2	165	32.5	95.5	5.6
7/11/2025	23.2	14.3	33.4	23.3	15	32.8	59.6	22.1	99.9	219	947	0	1.4	0.1	6.0	216	30.5	96.8	8.5
8/11/2025	26.8	20.4	32.9	26.7	21.7	32.2	50.7	32.6	85.9	227	1006	0	3.4	0.2	13.1	275	24.3	67.4	9.2
9/11/2025	20.9	14.9	27.7	20.7	15	27.0	45.8	19.1	89.2	295	963	0	3.0	0.3	6.3	218	23.6	91.8	10.5
10/11/2025	19.1	12.4	26.2	19.0	13.2	25.5	56.7	27.2	89.7	245	1054	0	1.2	0.1	4.1	156	29.6	97.6	6
11/11/2025	20.3	8.9	29.6	20.2	9.7	28.7	47.5	10.9	99.9	306	974	0	2.7	0.1	6.7	234	26.3	76.4	9.7
12/11/2025	17.2	5.7	25.4	17.1	7.2	24.6	35.6	15.4	72.4	316	968	0	1.9	0.2	5.6	172	27.7	90.5	9.4
13/11/2025	19.4	5.2	31.6	19.7	5.7	30.7	44.9	10.3	99.9	302	978	0	1.9	0	5.2	243	28.8	84.1	7
14/11/2025	21.3	13.9	31.7	21.2	14.5	30.8	48.8	14.1	75.8	267	1067	0	1.9	0.1	6.3	145	29.8	81.3	10.1
15/11/2025	22.7	17.4	32.8	22.5	17.9	31.9	68.6	28	99.9	221	965	2.6	1.3	0.1	4.1	201	30.3	88.0	10.7
16/11/2025	24.9	16.5	33.2	25.0	18.2	32.5	53.1	14.2	99.9	284	972	0.4	2.9	0.1	6.0	255	27.3	95.7	8.3
17/11/2025	21.3	13.5	28.0	21.8	15.5	27.2	36.5	12.6	76.1	322	1118	0	2.6	0.1	6.2	216	25.9	92.4	6.1
18/11/2025	20.3	8.2	30.7	20.7	9.4	30.0	43.6	20	84.1	319	980	0	1.4	0.1	3.7	202	37.0	93.0	8.9
19/11/2025	23.9	10.3	35.2	24.0	11	34.5	48.3	16.8	97.3	315	963	0	1.6	0.1	4.9	196	29.7	94.6	7.6
20/11/2025	23.8	13.5	36.4	23.8	14.1	35.0	58.2	18.7	99.8	224	991	0	1.8	0	6.8	195	26.1	95.6	7.9
21/11/2025	19.4	16.9	21.2	19.0	16.6	20.5	74.2	64.6	99.9	106	463	3.8	2.6	0.9	5.2	157	19.0	30.8	9.5
22/11/2025	21.1	16.8	26.0	20.9	16.7	25.3	80.9	55.8	99.9	147	1085	1.6	1.7	0.5	4.4	144	19.1	49.2	7.6
23/11/2025	25.0	18.6	34.4	24.9	19	33.9	69.9	22.6	99.9	235	1005	6	1.8	0.1	5.1	234	25.1	89.4	9.7
24/11/2025	23.3	17.3	30.7	23.1	17.9	29.6	67.6	42	99.9	309	946	0	2.6	0.1	5.7	113	25.1	91.3	8.5
25/11/2025	26.3	18.1	39.2	26.0	18.1	38.5	54.2	21.2	93.9	227	1045	0	3.3	0.1	14.0	273	26.9	97.5	11.9
26/11/2025	26.3	19.4	36.1	26.3	18.9	35.1	60.4	30	99.9	223	993	16.6	3.4	0.1	16.6	273	24.8	86.0	8.6
27/11/2025	25.2	15.6	34.2	25.4	15.9	33.5	51.5	11.8	99.9	332	1010	0	2.3	0.1	7.7	244	30.2	95.0	8.2
28/11/2025	23.6	11.2	34.8	23.9	11.6	34.0	47.6	12.1	99.9	325	1006	0	1.6	0	4.5	240	30.3	94.4	5.7
29/11/2025	24.8	17.7	33.6	24.8	18	32.9	46.7	20.2	77.5	230	1066	0	3.1	0.1	9.0	225	27.6	94.7	9.3
30/11/2025	22.6	13.7	30.6	22.5	15	29.6	41.9	15.6	85.3	322	1072	0	2.7	0	7.4	223	25.7	74.3	7.2
Total	22.3	5.2	39.2	22.3	5.7	38.5	55.0	10.3	99.9	260	1118	37	2.3	0	33.8	209	26.9	98.4	5.6

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