

WAMBO COAL
POLLUTION MONITORING DATA
1 MARCH 2026 – 31 MARCH 2026

MARCH MONTHLY REPORT

Published 28 April 2026

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	30/03/2026	7.32	491	7	
Point 25	SW02	30/03/2026	7.44	525	5	
Point 26	SW03	30/03/2026	7.35	500	7	
Point 27	SW04	30/03/2026	-	-	-	DRY
Point 28	SW05	30/03/2026	-	-	-	DRY
Point 29	SW06	30/03/2026	-	-	-	DRY
Point 30	SW07	30/03/2026	7.29	745	20	
Point 31	SW08	30/03/2026	-	-	-	DRY
Point 33	SW15	2/03/2026	9.00	5960	4250	
Point 34	SW27a	30/03/2026	-	-	-	DRY
Point 36	SW32a	30/03/2026	-	-	-	DRY
Point 39	SW39	30/03/2026	-	-	-	DRY
Point 40	SW40	30/03/2026	-	-	-	-
Point 41	SW41	30/03/2026	-	-	-	DRY
Point 42	SW54	30/03/2026	-	-	-	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 March						
Point 19	No Discharge in March						

Sewerage Treatment Monitoring

Monitoring Frequency: Quarterly during discharge
 Sampling Method: Grab sample
 Limits: Nil
 Date sampled: No Samples in March 2026
 Date obtained: No Samples in March 2026

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
1/03/2026	8.7	15.17	8.3	10.94	25.2	18.91	18.9	20.01
2/03/2026	18.1	15.14	12.6	10.88	29.9	18.87	15.8	19.95
3/03/2026	14.2	15.09	12.3	10.88	20.6	18.83	18.6	19.94
4/03/2026	15.9	15.10	16.1	10.90	16.7	18.83	27.0	19.97
5/03/2026	30.1	15.14	24.1	10.94	35.3	18.87	23.3	19.99
6/03/2026	24.9	15.18	21.1	10.97	39.7	18.94	29.5	20.04
7/03/2026	20.3	15.20	13.6	10.97	22.8	18.96	18.0	20.04
8/03/2026	7.0	15.19	8.0	10.96	15.5	18.96	9.4	20.00
9/03/2026	4.9	15.18	1.0	10.95	6.8	18.94	1.0	19.97
10/03/2026	11.4	15.17	11.2	10.95	16.9	18.93	13.6	19.97
11/03/2026	11.6	15.17	7.6	10.95	13.0	18.92	25.9	20.00
12/03/2026	31.4	15.23	21.5	11.00	31.2	18.96	26.8	20.04
13/03/2026	16.7	15.25	18.2	11.02	27.0	18.98	20.2	20.04
14/03/2026	15.8	15.25	12.6	11.02	27.7	19.00	24.9	20.04
15/03/2026	23.3	15.26	13.3	11.01	33.6	19.02	20.0	20.04
16/03/2026	28.7	15.26	19.3	11.01	35.2	19.03	30.6	20.06
17/03/2026	21.4	15.25	16.5	11.01	30.4	19.05	39.4	20.00
18/03/2026	16.3	15.22	14.0	11.00	25.6	19.03	37.7	20.02
19/03/2026	12.0	15.22	11.1	10.99	16.9	19.00	18.1	20.01
20/03/2026	11.1	15.18	15.5	10.97	22.7	18.98	16.2	19.99
21/03/2026	12.2	15.16	7.8	10.95	17.3	18.94	16.5	19.98
22/03/2026	9.3	15.15	11.6	10.96	13.6	18.93	20.9	19.99
23/03/2026	9.7	15.14	15.0	10.96	14.3	18.93	6.3	19.97
24/03/2026	15.8	15.17	19.9	10.99	22.5	18.95	17.9	19.98
25/03/2026	21.2	15.19	11.4	10.99	21.1	18.97	26.3	20.01
26/03/2026	14.6	15.21	10.7	11.00	10.6	18.96	17.6	20.00
27/03/2026	6.2	15.19	4.4	10.99	5.2	18.94	20.7	20.03
28/03/2026	8.4	15.18	7.5	10.98	14.8	18.93	10.4	20.01
29/03/2026	21.3	15.21	13.5	10.99	26.8	18.96	18.0	20.02
30/03/2026	18.0	15.25	16.4	11.02	26.1	19.01	16.7	20.07
31/03/2026	18.4	15.28	15.2	11.05	25.7	19.07	14.2	20.10

*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
1/03/2026	23.6	19.9	28.0	23.3	19.7	27.0	75.5	51.9	99.9	160	760	0.4	2.4	0.8	5.3	135	19.7	42.3	10.3
2/03/2026	25.9	19.7	34.0	25.6	19.9	33.0	65.2	32.9	99.9	180	927	0	1.4	0.1	3.6	149	27.5	97.0	7.1
3/03/2026	23.4	20.5	29.4	23.2	20.2	28.9	86.3	54.7	99.9	116	700	6.4	1.2	0.1	2.6	170	24.3	91.6	8.2
4/03/2026	24.2	21.3	28.3	24.0	21.4	27.9	85.4	58.5	99.9	92	349	0.2	1.3	0.0	3.7	247	24.9	87.9	9.1
5/03/2026	26.1	19.2	35.5	26.0	19.5	34.7	73.4	32.5	99.9	213	918	0	1.2	0.1	4.8	183	28.8	92.6	7.5
6/03/2026	27.0	19.2	36.0	26.8	19.7	35.0	68.7	32.4	99.9	209	792	0	1.7	0.0	6.0	141	26.3	92.6	8.1
7/03/2026	25.9	20.5	31.2	25.5	20.2	30.4	73.4	47.9	99.9	119	615	4.8	1.7	0.2	4.9	168	23.6	91.2	7.0
8/03/2026	22.6	19.8	26.2	22.4	19.5	25.6	81.4	57.8	99.9	114	738	9	2.6	0.9	4.7	152	18.3	27.0	8.3
9/03/2026	21.1	19.3	24.2	21.0	19.1	23.8	93.7	72.5	99.9	92	593	11.8	2.0	0.7	4.5	159	16.7	59.9	7.3
10/03/2026	23.7	19.7	29.8	23.5	19.6	29.1	77.3	43.6	99.9	214	900	0.2	1.8	0.1	4.8	129	21.5	80.9	8.2
11/03/2026	25.3	17.7	36.2	25.3	18.1	35.5	67.2	22.9	99.9	229	821	0	1.5	0.1	4.1	248	26.5	95.0	8.3
12/03/2026	24.2	16.6	34.6	24.1	17.1	33.9	65.5	24.6	99.9	210	797	0	2.2	0.1	6.6	147	31.4	91.7	9.1
13/03/2026	20.4	18.5	22.6	20.3	18.3	22.2	74.6	59.9	99.9	54	332	0.6	2.0	0.4	4.7	142	18.2	35.6	11.3
14/03/2026	20.4	14.6	25.7	20.3	15.0	25.1	58.5	39.0	82.9	178	778	0	2.1	0.4	4.8	134	19.6	51.3	8.0
15/03/2026	20.7	11.3	29.8	20.8	11.8	29.1	63.7	33.4	99.9	230	781	0	1.0	0.0	2.8	161	30.5	91.2	6.9
16/03/2026	22.9	13.0	33.4	22.9	13.5	32.6	62.7	25.4	99.9	199	788	0	1.2	0.0	4.0	184	28.4	89.5	7.7
17/03/2026	25.7	18.1	33.8	25.7	18.2	32.7	59.0	28.7	99.0	168	837	0	2.0	0.0	5.5	194	26.0	91.6	6.8
18/03/2026	24.8	21.8	29.7	24.5	21.9	28.8	68.3	44.6	84.4	149	913	0	2.1	0.6	4.6	129	18.4	60.5	8.0
19/03/2026	21.9	19.9	24.1	21.7	19.9	23.6	93.6	79.4	99.9	74	435	6.2	0.8	0.1	1.9	140	19.4	49.9	6.7
20/03/2026	22.5	17.8	28.3	22.3	18.2	27.3	80.7	51.2	99.9	189	881	0.2	1.4	0.0	4.7	151	24.1	68.9	5.8
21/03/2026	21.8	15.8	29.7	21.6	16.5	28.6	83.2	44.7	99.9	171	811	2.2	1.1	0.0	3.4	143	26.7	85.0	6.6
22/03/2026	22.4	18.5	28.8	22.3	18.8	28.1	77.2	43.5	99.9	161	781	0.8	1.8	0.1	4.6	141	20.7	69.3	7.8
23/03/2026	22.2	18.6	27.7	22.1	19.1	27.3	81.1	47.3	99.9	124	830	2.4	1.8	0.2	5.5	137	21.9	100.4	8.6
24/03/2026	22.6	17.8	28.4	22.5	18.3	27.6	71.4	37.3	99.9	205	867	0	2.2	0.3	4.8	142	20.9	52.1	8.1
25/03/2026	22.2	14.3	30.5	22.2	14.8	29.8	74.2	37.0	99.9	201	730	0	1.1	0.1	3.0	149	29.5	81.9	6.5
26/03/2026	22.7	14.8	32.9	22.7	15.3	32.1	70.3	29.5	99.9	149	741	0	2.2	0.1	17.8	263	33.6	98.7	12.9
27/03/2026	16.6	14.4	20.1	16.4	14.3	20.1	55.2	40.2	80.0	137	725	0	4.4	2.0	7.1	290	19.7	30.3	14.6
28/03/2026	17.3	11.8	22.9	17.1	12.7	22.1	54.2	36.4	79.8	145	788	0	2.0	0.0	5.1	202	27.0	95.5	9.9
29/03/2026	16.8	7.2	25.4	16.8	8.2	24.6	70.2	39.1	99.9	173	830	0	1.7	0.1	4.9	148	25.5	102.8	5.8
30/03/2026	19.0	10.7	26.3	18.9	11.4	25.4	68.2	38.7	99.9	172	792	0	1.5	0.1	4.7	147	24.3	84.6	6.8
31/03/2026	19.4	9.8	27.4	19.4	10.6	26.7	67.7	32.2	99.9	188	732	0	1.5	0.0	4.6	140	24.9	74.2	8.4

Total	22.4	7.2	36.2	22.3	8.2	35.5	72.5	22.9	99.9	162	927	45.2	1.8	0.0	17.8	167	24.2	102.8	5.8
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