



WHITEHAVEN CHPP – MONTHLY MONITORING SUMMARY

Site Information

EPL No: 3637

EPA Website Link: <http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=33514&SYSUID=1&LICID=3637>

Licensee: Whitehaven Coal Mining Limited

Licensee Address: Boggabri Road, Gunnedah NSW 2380

EPL Monitoring Points: See Figure 1 below

Sampling Period: January 2026

Obtained Date: 16th Feb 2026

Publication Date: 20th Feb 2026

Table 1 - No Pollutant Limits Apply

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Measurements for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
3	Solid Particles	g/m ² /month	Continuous	1	8/1/26	6/2/26				1.6
11	PM ₁₀ Kendo	µg/m ³	Every 6 days	6*	01/01/26 07/01/26 13/01/26 19/01/26 25/01/26 31/01/26	16/2/26	5.5	16.6	15.45	25.5
12	PM ₁₀ Olive View	µg/m ³	Every 6 days	6*	03/01/26 07/01/26 13/01/26 19/01/26 25/01/26 31/01/26	16/2/26	4.0	13.25	10.3	35
6	Conductivity (Field)	µs/cm	Each overflow event	0	-	-	-	-	-	-
	Oil and Grease	mg/L					-	-	-	-
	Total Organic Carbon	mg/L					-	-	-	-
	Total Suspended Solids	mg/L					-	-	-	-
	pH (Field)	pH					-	-	-	-
7	Conductivity (Field)	µs/cm	Quarterly (Feb, May, Aug, Nov)	0	-	-	-	-	-	-
	Oil and Grease	mg/L					-	-	-	-
	Total Organic Carbon	mg/L					-	-	-	-
	Total Suspended Solids	mg/L					-	-	-	-

WHITEHAVEN CHPP – MONTHLY MONITORING SUMMARY

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Measurements for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
	pH (Field)	pH					-	-	-	-

Table 2 – Groundwater Monitoring (Quarterly – No Limits apply)

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Period	Date Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
8	Ammonia	mg/L	Quarterly (P1) (Mar, Jun, Sep, Dec)	-			-	-	-	-
	Bicarbonate	mg/L					-	-	-	-
	Calcium	mg/L					-	-	-	-
	Chloride	mg/L					-	-	-	-
	Conductivity	µs/cm					-	-	-	-
	Lead	mg/L					-	-	-	-
	Magnesium	mg/L					-	-	-	-
	Nitrate	mg/L					-	-	-	-
	Potassium	mg/L					-	-	-	-
	Sodium	mg/L					-	-	-	-
	Standing Water Level	m					-	-	-	-
	Sulphate	mg/L					-	-	-	-
pH	pH	-	-	-	-					
9	Ammonia	mg/L	Quarterly (P2) (Mar, Jun, Sep, Dec)	-			-	-	-	-
	Bicarbonate	mg/L					-	-	-	-
	Calcium	mg/L					-	-	-	-
	Chloride	mg/L					-	-	-	-
	Conductivity	µs/cm					-	-	-	-
	Lead	mg/L					-	-	-	-
	Magnesium	mg/L					-	-	-	-
	Nitrate	mg/L					-	-	-	-
	Potassium	mg/L					-	-	-	-

WHITEHAVEN CHPP – MONTHLY MONITORING SUMMARY

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Period	Date Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
	Sodium	mg/L					-	-	-	-
	Standing Water Level	M					-	-	-	-
	Sulphate	mg/L					-	-	-	-
	pH	pH					-	-	-	-
10	Ammonia	mg/L	Quarterly (P3) (Mar, Jun, Sep, Dec)	-	-	-	-	-	-	-
	Bicarbonate	mg/L					-	-	-	-
	Calcium	mg/L					-	-	-	-
	Chloride	mg/L					-	-	-	-
	Conductivity	µs/cm					-	-	-	-
	Lead	mg/L					-	-	-	-
	Magnesium	mg/L					-	-	-	-
	Nitrate	mg/L					-	-	-	-
	Potassium	mg/L					-	-	-	-
	Sodium	mg/L					-	-	-	-
	Standing Water Level	M					-	-	-	-
	Sulphate	mg/L					-	-	-	-
	pH	pH					-	-	-	-

Table 3 – Monitoring (Quarterly Noise – Limits Apply)

(Mar, Jun, Sep, Dec)

No monitoring occurred during January
Notes:



WHITEHAVEN CHPP – MONTHLY MONITORING SUMMARY

dB(A): The overall level of a sound is usually expressed in terms of dBA, which is measured using a sound level meter with an “A-weighting” filter. This is an electronic filter having a frequency response

corresponding approximately to that of human hearing.

L_{Aeq}, 15 minute: The A-weighted equivalent noise level (basically the average noise level). It is defined as the steady sound level that contains the same amount of acoustical energy as the corresponding time-varying sound, in this instance over a period of 15 minutes.

L_{A1}, 1 minute: The noise level exceeded for 1% of the 15 minute interval.

I/A: When site noise is noted as inaudible (I/A), no site noise was audible at the monitoring location.

Not Measurable (NM): indicates that some site noise was audible, but indeterminate due to one of the following reasons:

- site noise levels were insignificant and unlikely, in many cases, to be even noticed; or
- site noise levels were masked by another relatively loud noise source, but were estimated to be less than L_{Aeq} 30 dB, which is insignificant in terms of any applicable criterion.

WHITEHAVEN CHPP – MONTHLY MONITORING SUMMARY



CHPP EPL POINTS
 ● Existing
 ● Proposed
 CHPP Project Boundary

0 0.25 0.5 1 Kilometers



WHITEHAVEN CHPP – MONTHLY MONITORING SUMMARY

Site Information

EPL No: 3637

EPA Website Link: <http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=33514&SYSUID=1&LICID=3637>

Licensee: Whitehaven Coal Mining Limited

Licensee Address: Boggabri Road, Gunnedah NSW 2380

EPL Monitoring Points: See Figure 1 below

Sampling Period: February 2026

Obtained Date: 10th Feb 2026

Publication Date: 19th Feb 2026

Table 1 - No Pollutant Limits Apply

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Measurements for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
3	Solid Particles	g/m ² /month	Continuous	1	09/02/2026	06/03/26				1.1
11	PM ₁₀ Kendo	µg/m ³	Every 6 days	4*	06/02/2026 12/02/2026 18/02/2026 24/02/2026	09/03/26	11.4	21.82	21.5	32.9
12	PM ₁₀ Olive View	µg/m ³	Every 6 days	4*	06/02/2026 12/02/2026 18/02/2026 24/02/2026	09/03/26	8.2	19.5	21.7	24.6
6	Conductivity (Field)	µs/cm	Each overflow event	0	-	-	-	-	-	-
	Oil and Grease	mg/L					-	-	-	-
	Total Organic Carbon	mg/L					-	-	-	-
	Total Suspended Solids	mg/L					-	-	-	-
	pH (Field)	pH					-	-	-	-
7	Conductivity (Field)	µs/cm	Quarterly (Feb, May, Aug, Nov)	1	09/02/2026	10/03/26	-	-	-	1684
	Oil and Grease	mg/L					-	-	-	<5
	Total Organic Carbon	mg/L					-	-	-	6
	Total Suspended Solids	mg/L					-	-	-	34
	pH (Field)	pH					-	-	-	8.5

Table 2 – Groundwater Monitoring (Quarterly – No Limits apply)

WHITEHAVEN CHPP – MONTHLY MONITORING SUMMARY

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Period	Date Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
8	Ammonia	mg/L	Quarterly (P1) (Mar, Jun, Sep, Dec)	-	-	-	-	-	-	-
	Bicarbonate	mg/L					-	-	-	-
	Calcium	mg/L					-	-	-	-
	Chloride	mg/L					-	-	-	-
	Conductivity	µs/cm					-	-	-	-
	Lead	mg/L					-	-	-	-
	Magnesium	mg/L					-	-	-	-
	Nitrate	mg/L					-	-	-	-
	Potassium	mg/L					-	-	-	-
	Sodium	mg/L					-	-	-	-
	Standing Water Level	m					-	-	-	-
	Sulphate	mg/L					-	-	-	-
pH	pH	-	-	-	-					
9	Ammonia	mg/L	Quarterly (P2) (Mar, Jun, Sep, Dec)	-	-	-	-	-	-	-
	Bicarbonate	mg/L					-	-	-	-
	Calcium	mg/L					-	-	-	-
	Chloride	mg/L					-	-	-	-
	Conductivity	µs/cm					-	-	-	-
	Lead	mg/L					-	-	-	-
	Magnesium	mg/L					-	-	-	-
	Nitrate	mg/L					-	-	-	-
	Potassium	mg/L					-	-	-	-
	Sodium	mg/L					-	-	-	-
	Standing Water Level	M					-	-	-	-
	Sulphate	mg/L					-	-	-	-
pH	pH	-	-	-	-					
10	Ammonia	mg/L	Quarterly	-	-	-	-	-	-	-

WHITEHAVEN CHPP – MONTHLY MONITORING SUMMARY

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Period	Date Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
	Bicarbonate	mg/L	(P3) (Mar, Jun, Sep, Dec)				-	-	-	-
	Calcium	mg/L					-	-	-	-
	Chloride	mg/L					-	-	-	-
	Conductivity	µs/cm					-	-	-	-
	Lead	mg/L					-	-	-	-
	Magnesium	mg/L					-	-	-	-
	Nitrate	mg/L					-	-	-	-
	Potassium	mg/L					-	-	-	-
	Sodium	mg/L					-	-	-	-
	Standing Water Level	M					-	-	-	-
	Sulphate	mg/L					-	-	-	-
	pH	pH					-	-	-	-

Table 3 – Monitoring (Quarterly Noise – Limits Apply)

(Mar, Jun, Sep, Dec)

No monitoring occurred during January
Notes:

dB(A): The overall level of a sound is usually expressed in terms of dBA, which is measured using a sound level meter with an “A-weighting” filter. This is an electronic filter having a frequency response corresponding approximately to that of human hearing.

L_{Aeq}, 15 minute: The A-weighted equivalent noise level (basically the average noise level). It is defined as the steady sound level that contains the same amount of acoustical energy as the corresponding time-varying sound, in this instance over a period of 15 minutes.

L_{A1}, 1 minute: The noise level exceeded for 1% of the 15 minute interval.

I/A: When site noise is noted as inaudible (I/A), no site noise was audible at the monitoring location.



WHITEHAVEN CHPP – MONTHLY MONITORING SUMMARY

Not Measurable (NM): indicates that some site noise was audible, but indeterminate due to one of the following reasons:

- site noise levels were insignificant and unlikely, in many cases, to be even noticed; or
- site noise levels were masked by another relatively loud noise source, but were estimated to be less than LAeq 30 dB, which is insignificant in terms of any applicable criterion.

WHITEHAVEN CHPP – MONTHLY MONITORING SUMMARY





WHITEHAVEN CHPP – MONTHLY MONITORING SUMMARY

Site Information

EPL No: 3637

EPA Website Link: <http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=33514&SYSUID=1&LICID=3637>

Licensee: Whitehaven Coal Mining Limited

Licensee Address: Boggabri Road, Gunnedah NSW 2380

EPL Monitoring Points: See Figure 1 below

Sampling Period: March 2026

Obtained Date: 13th Apr 2026

Publication Date: 17th Apr 2026

Table 1 - No Pollutant Limits Apply

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Measurements for the Month	Date Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
3	Solid Particles	g/m ² /month	Continuous	1	10/03/2026	13/04/2026				2.8
11	PM ₁₀ Kendo	µg/m ³	Every 6 days	5	02/03/2026 08/03/2026 14/03/2026 20/03/2026 26/03/2026	08/04/2026	5.30	11.78	6.70	25.10
12	PM ₁₀ Olive View	µg/m ³	Every 6 days	5	02/03/2026 08/03/2026 14/03/2026 20/03/2026 26/03/2026	08/04/2026	4.60	14.30	7.60	30.00
6	Conductivity (Field)	µs/cm	Each overflow event	0	-	-	-	-	-	-
	Oil and Grease	mg/L					-	-	-	-
	Total Organic Carbon	mg/L					-	-	-	-
	Total Suspended Solids	mg/L					-	-	-	-
	pH (Field)	pH					-	-	-	-
7	Conductivity (Field)	µs/cm	Quarterly (Feb, May, Aug, Nov)	-	-	-	-	-	-	-
	Oil and Grease	mg/L					-	-	-	-
	Total Organic Carbon	mg/L					-	-	-	-
	Total Suspended Solids	mg/L					-	-	-	-
	pH (Field)	pH					-	-	-	-



WHITEHAVEN CHPP – MONTHLY MONITORING SUMMARY

Table 2 – Groundwater Monitoring (Quarterly – No Limits apply)

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Period	Date Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
8	Ammonia	mg/L	Quarterly (P1) (Mar, Jun, Sep, Dec)	1	10/03/2026	16/03/2026	-	-	-	0.04
	Bicarbonate	mg/L					-	-	-	1350
	Calcium	mg/L					-	-	-	68
	Chloride	mg/L					-	-	-	1920
	Conductivity	µs/cm					-	-	-	10100
	Lead	mg/L					-	-	-	< 0.001
	Magnesium	mg/L					-	-	-	193
	Nitrate	mg/L					-	-	-	1.22
	Potassium	mg/L					-	-	-	27000
	Sodium	mg/L					-	-	-	2080
	Standing Water Level	m					-	-	-	6.36
	Sulphate	mg/L					-	-	-	1440
	pH	pH					-	-	-	8.3
9	Ammonia	mg/L	Quarterly (P2) (Mar, Jun, Sep, Dec)	1	10/03/2026	16/03/2026	-	-	-	2.03
	Bicarbonate	mg/L					-	-	-	982
	Calcium	mg/L					-	-	-	276
	Chloride	mg/L					-	-	-	1080
	Conductivity	µs/cm					-	-	-	5940
	Lead	mg/L					-	-	-	< 0.001
	Magnesium	mg/L					-	-	-	236
	Nitrate	mg/L					-	-	-	0.13
	Potassium	mg/L					-	-	-	131000
	Sodium	mg/L					-	-	-	681
	Standing Water Level	M					-	-	-	2.19
	Sulphate	mg/L					-	-	-	712

WHITEHAVEN CHPP – MONTHLY MONITORING SUMMARY

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Period	Date Sampled	Date Obtained	Min Value	Mean Value	Median Value	Max or Only Value
	pH	pH					-	-	-	7.66
10	Ammonia	mg/L	Quarterly (P3) (Mar, Jun, Sep, Dec)	1	10/03/2026	16/03/2026	-	-	-	1.3
	Bicarbonate	mg/L					-	-	-	791
	Calcium	mg/L					-	-	-	233
	Chloride	mg/L					-	-	-	1310
	Conductivity	µs/cm					-	-	-	5680
	Lead	mg/L					-	-	-	< 0.001
	Magnesium	mg/L					-	-	-	224
	Nitrate	mg/L					-	-	-	0.95
	Potassium	mg/L					-	-	-	67000
	Sodium	mg/L					-	-	-	687
	Standing Water Level	M					-	-	-	1.58
	Sulphate	mg/L					-	-	-	310
	pH	pH					-	-	-	7.88

WHITEHAVEN CHPP – MONTHLY MONITORING SUMMARY

Table 3 – Monitoring (Quarterly Noise – Limits Apply)

(Mar, Jun, Sep, Dec)

EPL ID	Date	Measurement Period	Measured levels – CHPP – dB(A)		Limit(s)- dB(A)	Wind speed (m/s)	Observations	(Potential) Non-compliance /breach
			LA1, 1 minute	LAeq, 15 minute				
N1	17/03/2026	15 mins day	-	N/M	35	2.0 m/s W	Wind 40-51, Birds 45-71 General site activity faintly audible at times	No
		15 mins evening	-	25	35	0.9 m/s ESE	Dozer operations 36-43, General site activity 32-35, Onsite horn and impacts 37-47 Dog 43-49, Traffic 42-45	
		15 mins night	-	<25	35	1.2 m/s SE	Dozer operations 34-37, General site activity 30-33 Dog 40-58, Traffic 36-44	
		1 min night	25	-	45			

Notes:

dB(A): The overall level of a sound is usually expressed in terms of dBA, which is measured using a sound level meter with an “A-weighting” filter. This is an electronic filter having a frequency response corresponding approximately to that of human hearing.

LAeq, 15 minute: The A-weighted equivalent noise level (basically the average noise level). It is defined as the steady sound level that contains the same amount of acoustical energy as the corresponding time-varying sound, in this instance over a period of 15 minutes.

LA1, 1 minute: The noise level exceeded for 1% of the 15 minute interval.

I/A: When site noise is noted as inaudible (I/A), no site noise was audible at the monitoring location.

Not Measurable (NM): indicates that some site noise was audible, but indeterminate due to one of the following reasons:

- site noise levels were insignificant and unlikely, in many cases, to be even noticed; or
- site noise levels were masked by another relatively loud noise source, but were estimated to be less than LAeq 30 dB, which is insignificant in terms of any applicable criterion.

WHITEHAVEN CHPP – MONTHLY MONITORING SUMMARY
