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	$\mu g/m^3$	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	$\mu g/m^3$	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					-	-	-	-

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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					-	-	-	-

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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 LAeq 30 dB, which is insignificant in terms of any applicable criterion.*

WHITEHAVEN CHPP – MONTHLY MONITORING SUMMARY

Whitehaven

Gunnedah CHPP
EPL Monitoring Locations

Date: May 2025 Scale: 1:10,000
MGA Zone 56 Author: H.Mills

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/m²/month	Continuous	1	09/02/2026	06/03/26				1.1
11	PM_{10} Kendo	µg/m³	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/m³	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.*

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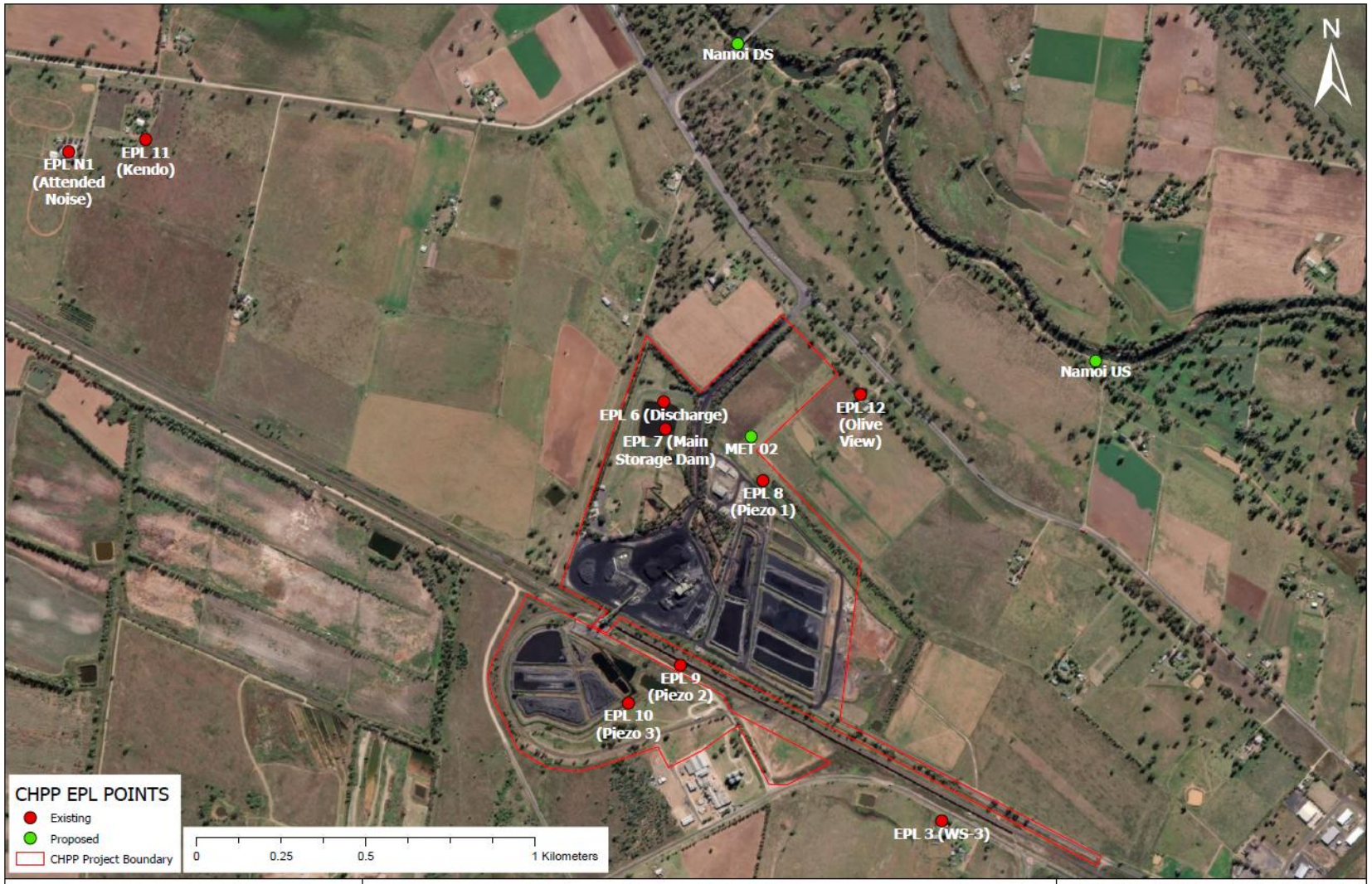
Not Measurable (NM): *indicates that some site noise was audible, but indeterminate due to one of the following reasons:*

• 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

Gunnedah CHPP
EPL Monitoring Locations

Date: May 2025 Scale: 1:10,000
MGA Zone 56 Author: H.Mills

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/m²/month	Continuous	1	10/03/2026	13/04/2026				2.8
11	PM_{10} Kendo	µg/m³	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/m³	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
			L_{A1}, 1 minute	L_{Aeq}, 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.*

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.*

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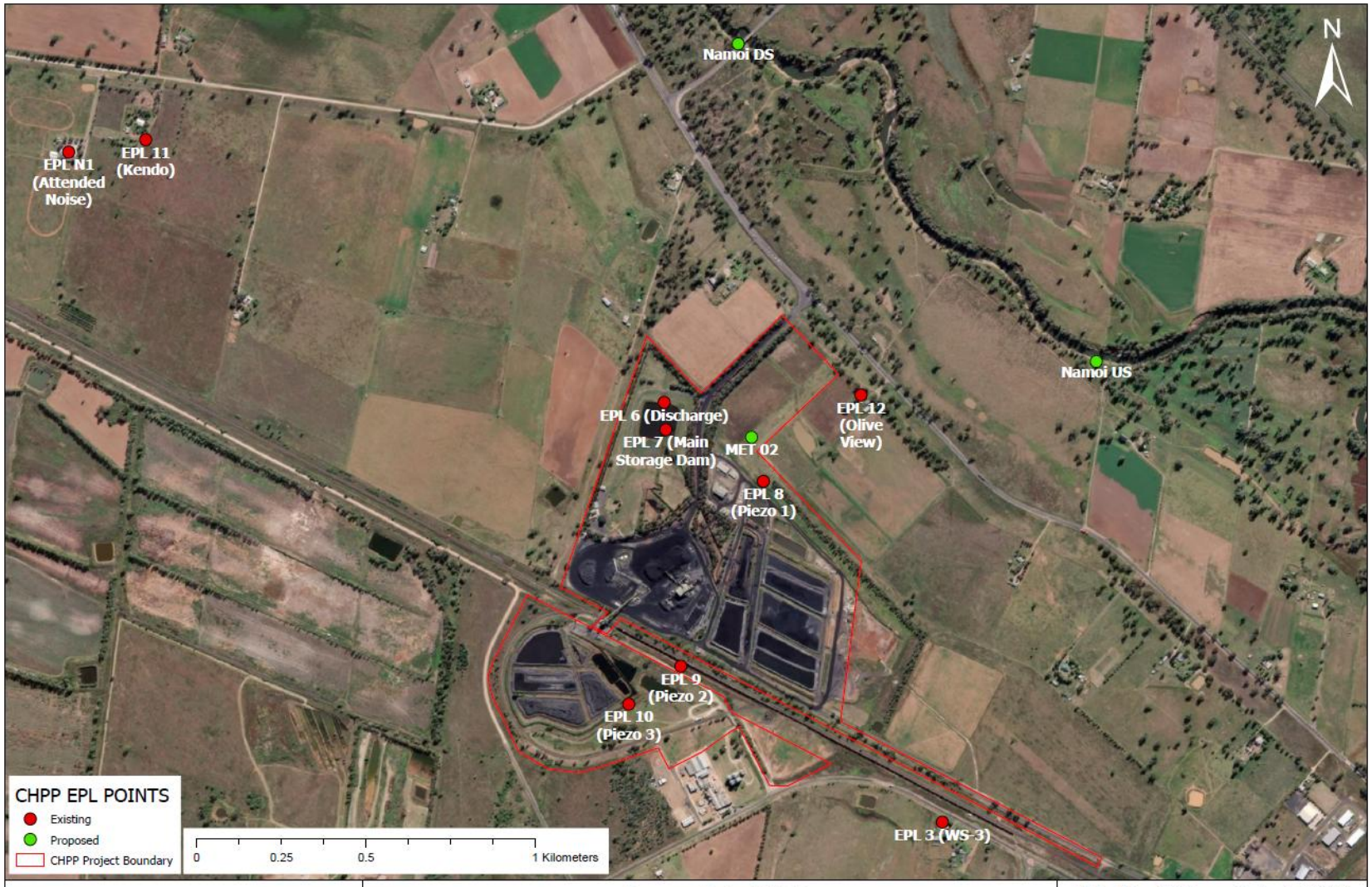
- *site noise levels were masked by another relatively loud noise source, but were estimated to be less than LAeq 30 dB, which is insignificant in terms of any applicable criterion.*

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: April 2026
Obtained Date: 28th May 2026
Publication Date: 28th May 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/m²/month	Continuous	1	10/04/2026	28/05/2026				1.1
11	PM_{10} Kendo	µg/m³	Every 6 days	5	01/04/2026 07/04/2026 13/04/2026 21/04/2026 25/04/2026	07/05/2026	14.8	22.78	20.	34.5
12	PM_{10} Olive View	µg/m³	Every 6 days	5	01/04/2026 07/04/2026 13/04/2026 21/04/2026 25/04/2026	07/05/2026	6.6	17.92	17.1	28.2
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)	-	-	-	-	-	-	-
	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					-	-	-	-

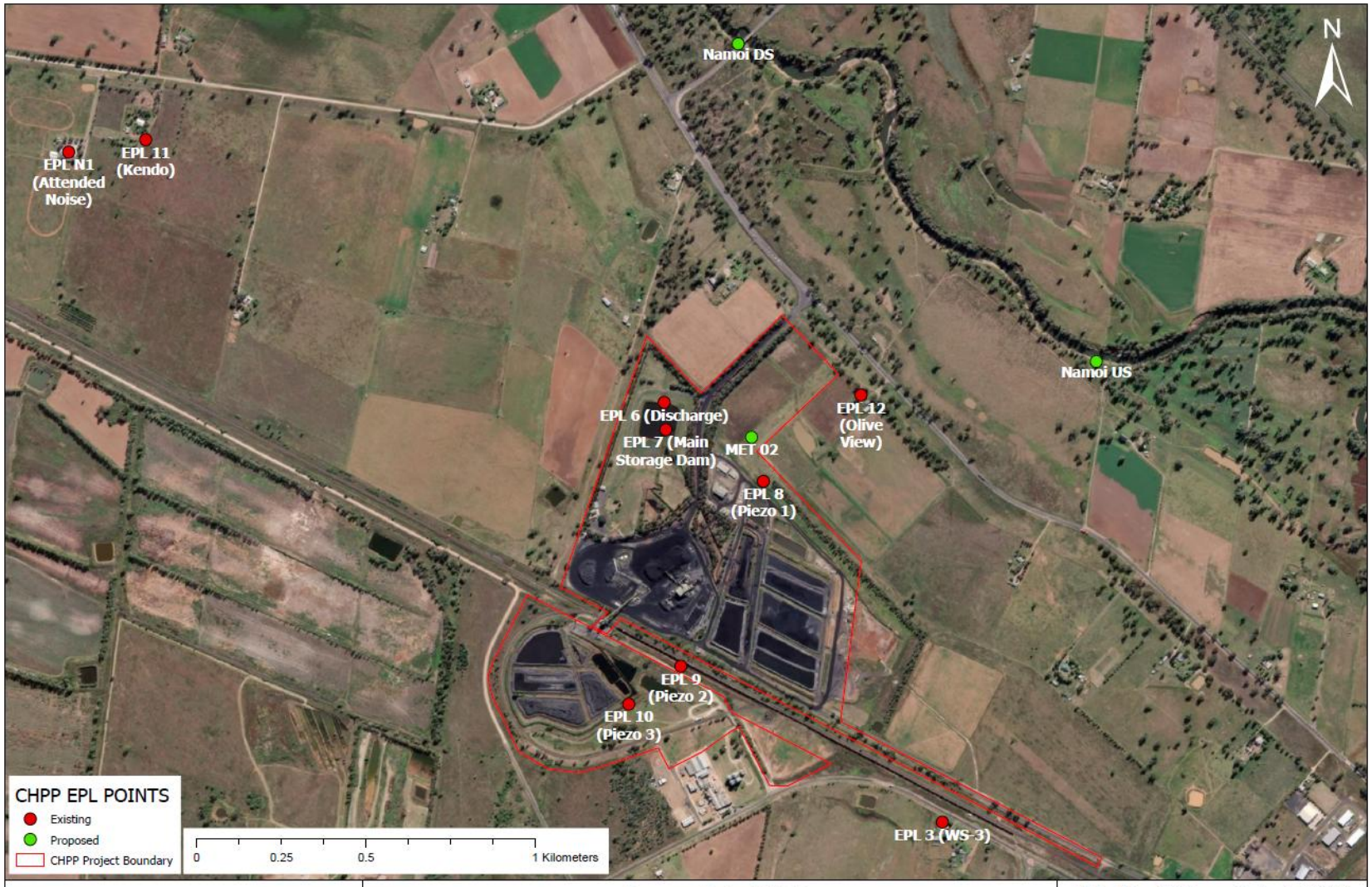
WHITEHAVEN CHPP – MONTHLY MONITORING SUMMARY

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**					-	-	-	-
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**					-	-	-	-

WHITEHAVEN CHPP – MONTHLY MONITORING SUMMARY

No noise monitoring during April

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: May 2026
Obtained Date: 12th June 2026
Publication Date: 22nd June 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/m²/month	Continuous	1	08/05/2026	04/06/2026				2
11	PM_{10} Kendo	µg/m³	Every 6 days	6	01/05/2026 07/05/2026 13/05/2026 19/54/2026 26/05/2026 31/05/2026	12/06/2026	1.3	5.9	5	14.5
12	PM_{10} Olive View	µg/m³	Every 6 days	6	01/05/2026 07/05/2026 13/05/2026 19/54/2026 26/05/2026 31/05/2026	12/06/2026	1.4	5.3	4.7	10
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	-	-	-	-	-	1861
	Oil and Grease	mg/L					-	-	-	<5
	Total Organic Carbon	mg/L					-	-	-	5

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
	Total Suspended Solids	mg/L					-	-	-	48
	pH (Field)	pH					-	-	-	8.3

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					-	-	-	-

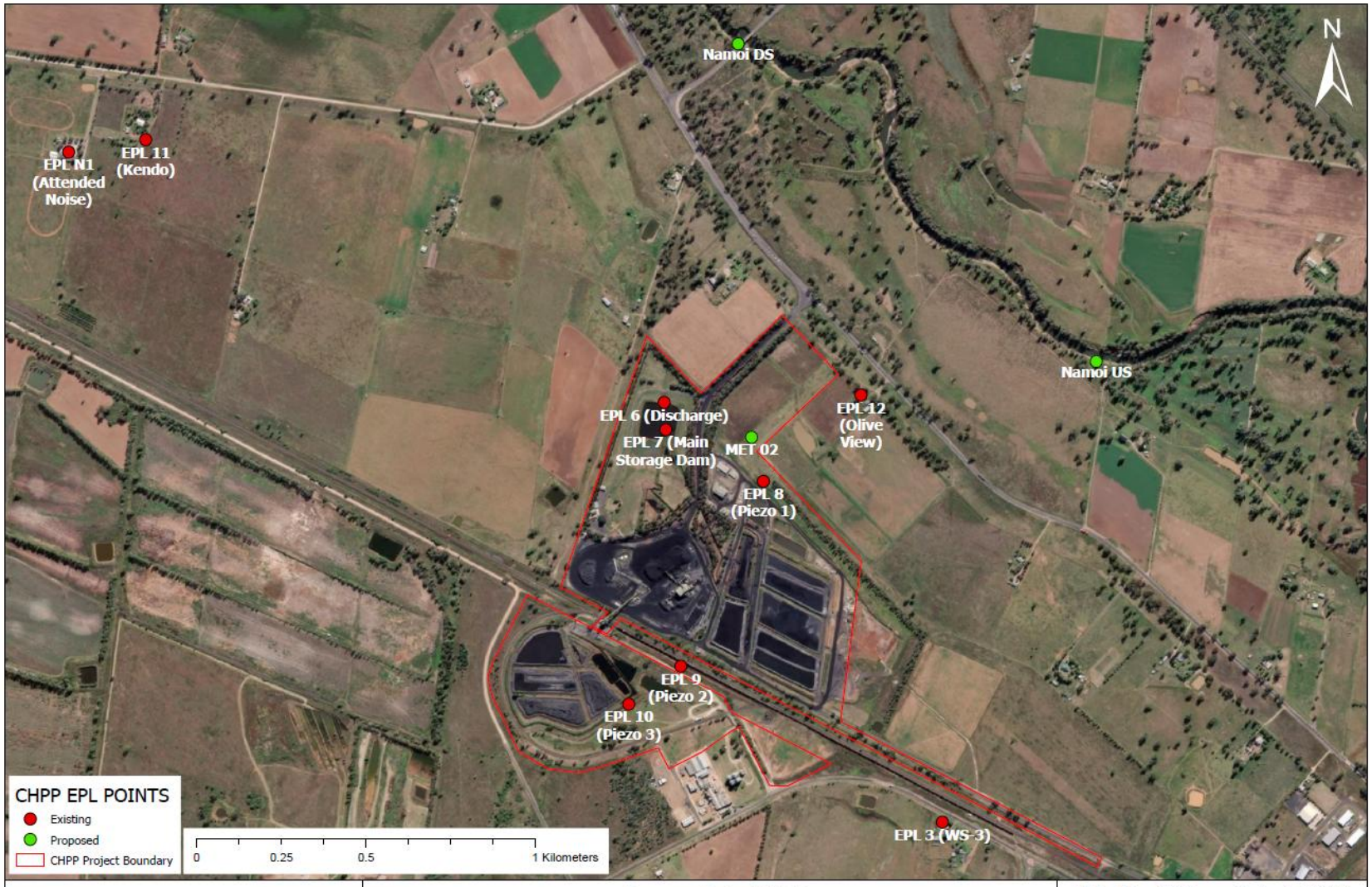
WHITEHAVEN CHPP – MONTHLY MONITORING SUMMARY

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
	Potassium	mg/L					-	-	-	-
	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					-	-	-	-

WHITEHAVEN CHPP – MONTHLY MONITORING SUMMARY

No noise monitoring during May

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: June 2026
Obtained Date: 15th July 2026
Publication Date: 27th July 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/m²/month	Continuous	1	05/06/2026	13/07/2026				0.5
11	PM_{10} Kendo	µg/m³	Every 6 days	3	06/06/2026 12/06/2026 18/06/2026 24/06/2026 ** 30/06/2026 **	15/07/2026	1.5	8	3.8	18.9
12	PM_{10} Olive View	µg/m³	Every 6 days	3	06/06/2026 12/06/2026 18/06/2026 24/06/2026 ** 30/06/2026 **	15/07/2026	4.5	7	7.4	9.2
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					-	-	-	-
	pH (Field)	pH					-	-	-	-

**** Two runs unavailable during June due to filter paper degradation. Re-sampled results to be available in July's report.**

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	15/06/2026	23/06/2026	-	-	-	0.02
	Bicarbonate	mg/L					-	-	-	1310
	Calcium	mg/L					-	-	-	54
	Chloride	mg/L					-	-	-	2080
	Conductivity	µs/cm					-	-	-	10100
	Lead	mg/L					-	-	-	<0.001
	Magnesium	mg/L					-	-	-	192
	Nitrate	mg/L					-	-	-	1.2
	Potassium	mg/L					-	-	-	27000
	Sodium	mg/L					-	-	-	2130
	Standing Water Level	m					-	-	-	7.32
	Sulphate	mg/L					-	-	-	1680
	pH	pH					-	-	-	8.14
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					-	-	-	-

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
	Standing Water Level	**M**					-	-	-	-
	Sulphate	**mg/L**					-	-	-	-
	pH	**pH**					-	-	-	-
10	**Ammonia**	**mg/L**	Quarterly (P3) (Mar, Jun, Sep, Dec)	1	15/06/2026	23/06/2026	-	-	-	0.04
	Bicarbonate	**mg/L**					-	-	-	773
	Calcium	**mg/L**					-	-	-	220
	Chloride	**mg/L**					-	-	-	1420
	Conductivity	**µs/cm**					-	-	-	5800
	Lead	**mg/L**					-	-	-	<0.001
	Magnesium	**mg/L**					-	-	-	226
	Nitrate	**mg/L**					-	-	-	3.95
	Potassium	**mg/L**					-	-	-	68000
	Sodium	**mg/L**					-	-	-	714
	Standing Water Level	**M**					-	-	-	1.89
	Sulphate	**mg/L**					-	-	-	301
	pH	**pH**					-	-	-	7.78

*** Unable to sample due to no access to bore. New sample results are to be available in next report.**

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
			L_{A1}, 1 minute	L_{Aeq}, 15 minute				
N1	09/07/2026	15 mins day	-	25	35	3.0 m/s SSE	**Site Related Noise Events:** Dozer operations briefly 34-36 **Other Noise Events:** Wind 37-40 Birds 37-52 Animals 40-44 Farming equipment 48-58	No
		15 mins evening	-	38#	35	2.8 m/s ESE	**Site Related Noise Events:** Dozer operations 37-44 General site activity 37-45 Onsite horn and impacts 42-55 **Other Noise Events:** Traffic 42-49	
		15 mins night	-	35	35	2.5 m/s ESE	**Site Related Noise Events:** Dozer operations 34-46 Onsite impacts 44-47 Onsite horn 49 **Other Noise Events:** Traffic 33-46	
		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.*

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.*

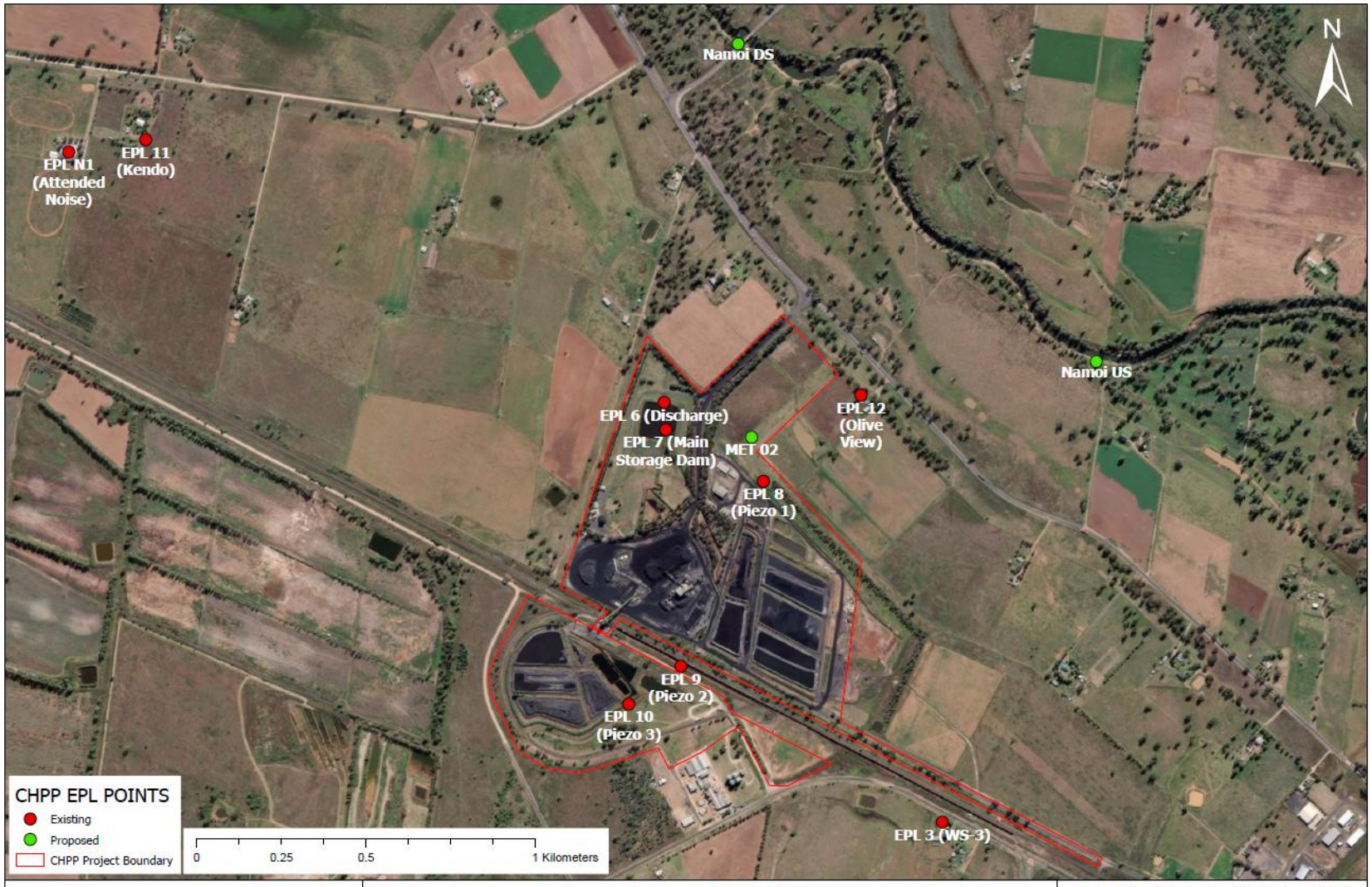
I/A: *When site noise is noted as inaudible (I/A), no site noise was audible at the monitoring location.*

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 LAeq 30 dB, which is insignificant in terms of any applicable criterion.*

*A review of meteorological conditions at the time of the evening monitoring period was conducted and concluded that non-significant weather conditions were present during the evening monitoring period and as a result noise emission limits outlined in the EPL were not applicable at the time.*

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: July 2026
Obtained Date: 11th August 2026
Publication Date: 24th July 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/m²/month	Continuous	1	06/07/2026	06/08/2026				1.1
11	PM_{10} Kendo	µg/m³	Every 6 days	7	6/07/2026 9/07/2026 12/07/2026 18/07/2026 27/07/2026 28/07/2026 30/07/2026	10/08/2026	0.6	11.5	3.7	37.3
12	PM_{10} Olive View	µg/m³	Every 6 days	7	6/07/2026 9/07/2026 12/07/2026 18/07/2026 27/07/2026 28/07/2026 30/07/2026	10/08/2026	0.7	7.5	5.2	19.8
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					-	-	-	-

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
	Total Suspended Solids	mg/L					-	-	-	-
	pH (Field)	pH					-	-	-	-

** Two runs unavailable during June due to filter paper degradation. Re-sampled results to be available in July's report.

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)	1	30/07/2026	11/08/2026	-	-	-	0.03
	Bicarbonate	mg/L					-	-	-	904
	Calcium	mg/L					-	-	-	243
	Chloride	mg/L					-	-	-	1100

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
	Conductivity	**µs/cm**					-	-	-	5540
	Lead	**mg/L**					-	-	-	0.002
	Magnesium	**mg/L**					-	-	-	220
	Nitrate	**mg/L**					-	-	-	0.67
	Potassium	**mg/L**					-	-	-	108000
	Sodium	**mg/L**					-	-	-	597
	Standing Water Level	**M**					-	-	-	1.99
	Sulphate	**mg/L**					-	-	-	678
	pH	**pH**					-	-	-	7.92
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**					-	-	-	-

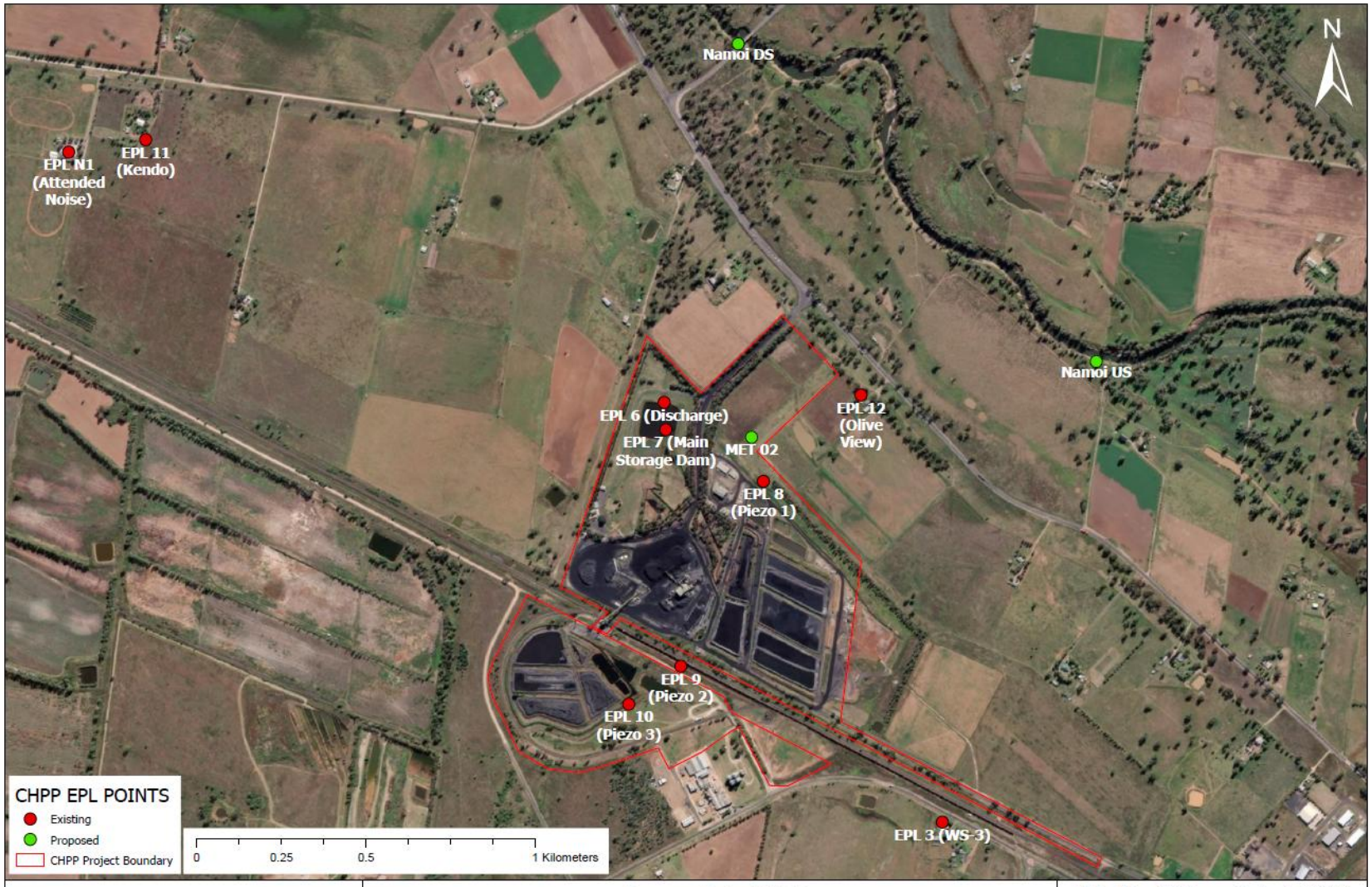
WHITEHAVEN CHPP – MONTHLY MONITORING SUMMARY

Table 3 – Monitoring (Quarterly Noise – Limits Apply)

(Mar, Jun, Sep, Dec)

No attended noise monitoring in July

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: August 2026
Obtained Date: 11/09/226
Publication Date: 22/09/2026

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	07/08/2026	11/09/2026				1.2
11	PM_{10} Kendo	$\mu g/m^3$	Every 6 days	5	5/08/2026 11/08/2026 17/08/2026 23/08/2026 29/08/2026	10/09/2026	2.3	6.94	5.3	17.2
12	PM_{10} Olive View	$\mu g/m^3$	Every 6 days	5	5/08/2026 11/08/2026 17/08/2026 23/08/2026 29/08/2026	10/09/2026	1.8	7.7	6.7	15.6
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	24/08/2026	01/09/2026	-	-	-	1880
	Oil and Grease	mg/L					-	-	-	<5
	Total Organic Carbon	mg/L					-	-	-	2
	Total Suspended Solids	mg/L					-	-	-	16
	pH (Field)	pH					-	-	-	8.14

**** Two runs unavailable during June due to filter paper degradation. Re-sampled results to be available in July's report.**

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)	-	-	-	-	-	-	-
	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					-	-	-	-

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
	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**					-	-	-	-

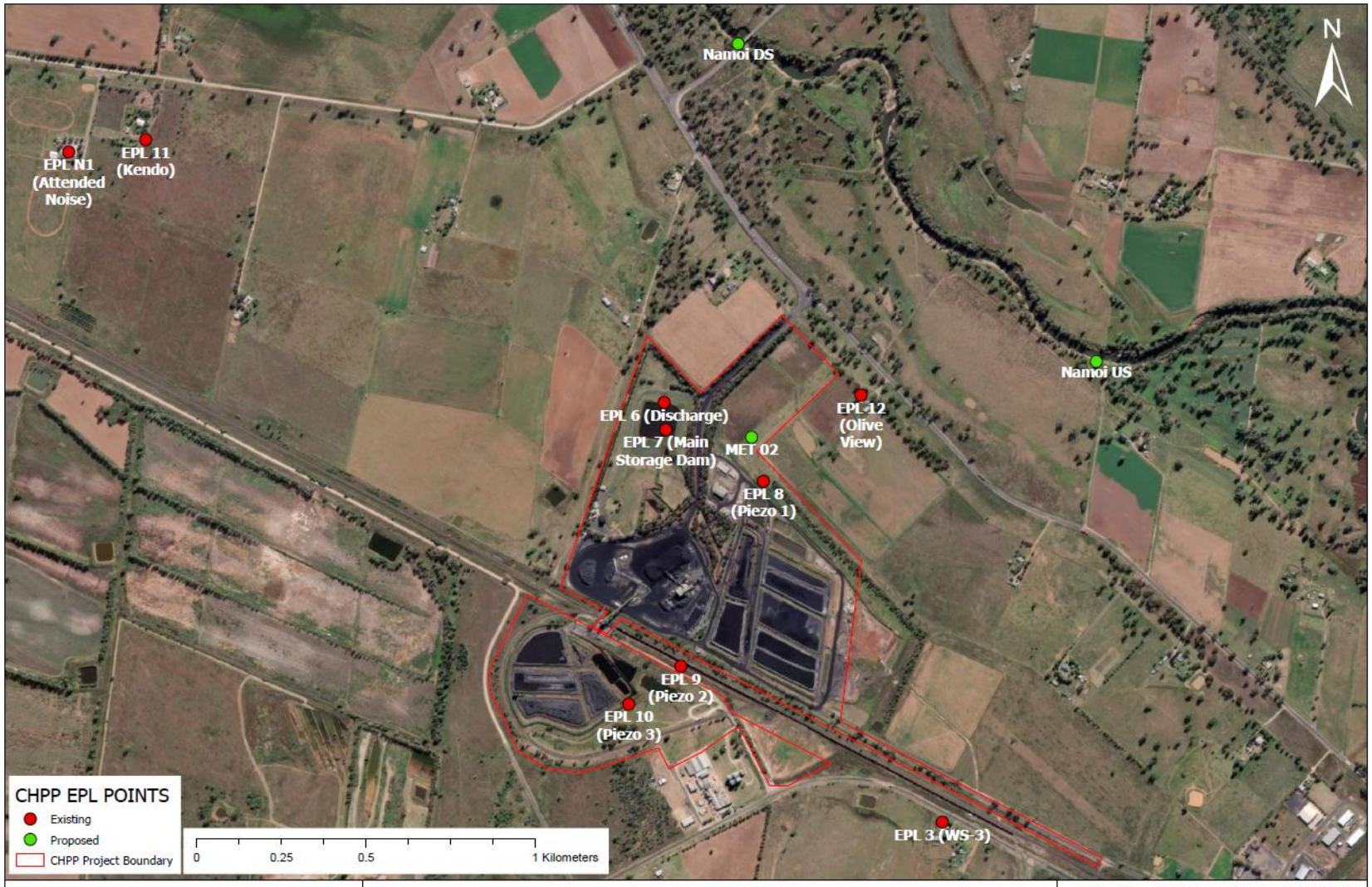
WHITEHAVEN CHPP – MONTHLY MONITORING SUMMARY

Table 3 – Monitoring (Quarterly Noise – Limits Apply)

(Mar, Jun, Sep, Dec)

No attended noise monitoring in August

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: September 2026
Obtained Date: 09/10/226
Publication Date: 20/10/2026

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	07/09/2026	25/09/2026				2.1
11	PM_{10} Kendo	$\mu g/m^3$	Every 6 days	5	4/09/2026 19/09/2026 22/09/2026 24/09/2026 28/09/2026	09/10/2026	1.4	11.9	15.1	18
12	PM_{10} Olive View	$\mu g/m^3$	Every 6 days	5	4/09/2026 19/09/2026 22/09/2026 24/09/2026 28/09/2026	09/10/2026	3.1	20.84	19.3	44
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					-	-	-	-

**** Two runs unavailable during June due to filter paper degradation. Re-sampled results to be available in July's report.**

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	28/09/2026	07/10/2026	-	-	-	0.07
	Bicarbonate	mg/L					-	-	-	1200
	Calcium	mg/L					-	-	-	66
	Chloride	mg/L					-	-	-	1840
	Conductivity	µs/cm					-	-	-	9750
	Lead	mg/L					-	-	-	< 0.001
	Magnesium	mg/L					-	-	-	187
	Nitrate	mg/L					-	-	-	1.3
	Potassium	mg/L					-	-	-	27000
	Sodium	mg/L					-	-	-	2110
	Standing Water Level	m					-	-	-	6.84
	Sulphate	mg/L					-	-	-	1450
	pH	pH					-	-	-	8.47
9	Ammonia	mg/L	Quarterly (P2) (Mar, Jun, Sep, Dec)	1	28/09/2026	07/10/2026	-	-	-	0.66
	Bicarbonate	mg/L					-	-	-	974
	Calcium	mg/L					-	-	-	295
	Chloride	mg/L					-	-	-	1050
	Conductivity	µs/cm					-	-	-	5720
	Lead	mg/L					-	-	-	< 0.001
	Magnesium	mg/L					-	-	-	242
	Nitrate	mg/L					-	-	-	0.02
	Potassium	mg/L					-	-	-	128000
	Sodium	mg/L					-	-	-	728

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
	Standing Water Level	**M**					-	-	-	2.11
	Sulphate	**mg/L**					-	-	-	671
	pH	**pH**					-	-	-	7.75
10	**Ammonia**	**mg/L**	Quarterly (P3) (Mar, Jun, Sep, Dec)	1	29/09/2026	08/10/2026	-	-	-	0.07
	Bicarbonate	**mg/L**					-	-	-	769
	Calcium	**mg/L**					-	-	-	241
	Chloride	**mg/L**					-	-	-	1250
	Conductivity	**µs/cm**					-	-	-	5780
	Lead	**mg/L**					-	-	-	< 0.001
	Magnesium	**mg/L**					-	-	-	232
	Nitrate	**mg/L**					-	-	-	12.2
	Potassium	**mg/L**					-	-	-	62000
	Sodium	**mg/L**					-	-	-	728
	Standing Water Level	**M**					-	-	-	1.69
	Sulphate	**mg/L**					-	-	-	288
	pH	**pH**					-	-	-	7.66

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
			L_{A1}, 1 minute	L_{Aeq}, 15 minute				
N1	17/09/2026	15 mins day	-	25	35	3.6-4.6m/s SE	**Site Related Noise Events:** Site faintly audible at times, but not measurable **Other Noise Events:** Birdsong 40-63, Traffic <30-43, Wind in trees 30-50	No
		15 mins evening	-	38#	35	3.4m/s SE	**Site Related Noise Events:** General site activity <30-34 Truck horn 38-39 Reversing alarm 22-25 **Other Noise Events:** Frogs <20. Dogs <30, Traffic 33-45	
		15 mins night	-	35	35	2.9-3.5m/s SE	**Site Related Noise Events:** General site activity 30-37 Siren 22-25 Truck horn 39-41 **Other Noise Events:** Birdsong 35-37, Dogs 43-54, Traffic 31-43	
		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.*

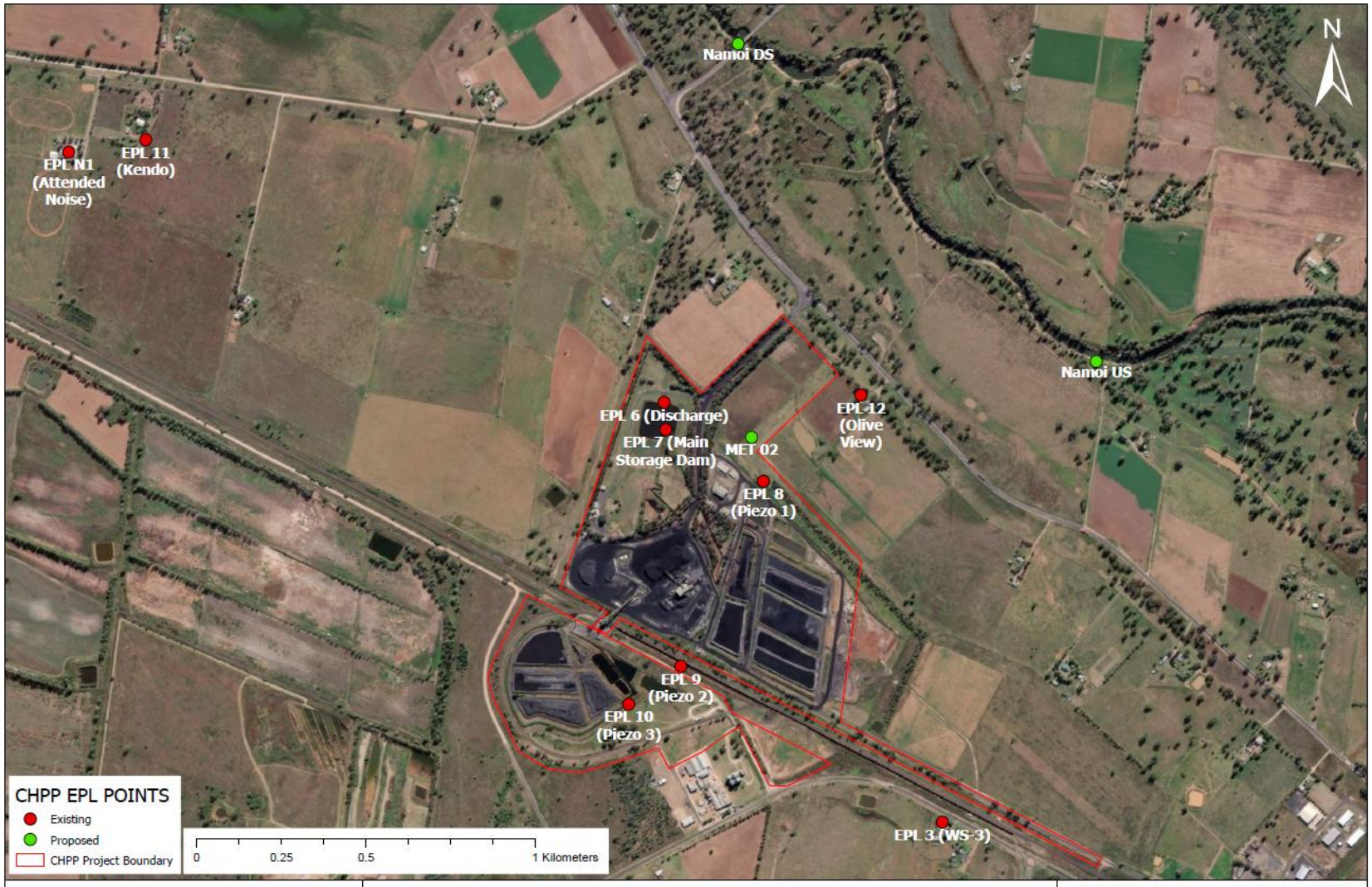
L_{Aeq}, 15 minute: *The A-weighted equivalent noise level (basically the average noise level). It is defined as the steady sound level that contains the same amount of acoustical energy as the corresponding time-varying sound, in this instance over a period of 15 minutes.*

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 LAeq 30 dB, which is insignificant in terms of any applicable criterion.*

*A review of meteorological conditions at the time of the evening monitoring period was conducted and concluded that non-significant weather conditions were present during the evening monitoring period and as a result noise emission limits outlined in the EPL were not applicable at the time.*

WHITEHAVEN CHPP – MONTHLY MONITORING SUMMARY