

212 East Bomen Road
Bomen NSW 2650
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Postage Address:
PO Box 6266
WAGGA WAGGA NSW 2650
ABN 50 114 135 821

January 2025 Monthly Monitoring Report

Published Date - Wednesday, 5 March 2025

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1. Introduction

This monthly monitoring report relates to the operation of Enirgi Power Storage Recycling Pty Ltd., 509 Byrnes Rd, Bomen, New South Wales 2650. The results stated in this report are the latest results received for the substance monitored. In the case of quarterly reported results the previous quarter's result will be shown until it is superseded.

2. Monitoring Points (EPA Identification number)

EPA Identification Number	Type of Monitoring Point	Type of Discharge Point	Location Description
1	Discharge to Air	Discharge to Air	CX section sanitary air emissions from stack
2	Discharge to Air	Discharge to Air	Process gases and sanitary air emissions from stack
3	Discharge to Air	Discharge to Air	Refining kettle burners emissions from stack
4	Discharge to Air	Discharge to Air	Steam boiler emissions from stack
5	Discharge to Air	Discharge to Air	Sodium sulphate drying emissions from stack
6	Discharge to Air	Discharge to Air	Hygiene Air emissions from stack (in Licence but has not yet been built)



3. Monitoring Results

3.1 Monitoring Point 1

EPL 12878

Licensee: Enirgi Power Storage Recycling Pty Ltd., 509 Byrnes Rd, Bomen, New South Wales 2650

Published: - 5/03/25

Substance	Sampling Method	Units of measure	Frequency	Averaging Period (if applicable)	Date obtained	Date Range	100 percent concentration limit	Result
Solid Particles	TM-15	milligrams per cubic metre	Quarterly	N/A	18/12/2024	01/11/2024-31/01/2025	5	2.5
Lead	TM-12	milligrams per cubic metre	Quarterly	N/A	06/11/2024	01/11/2024-31/01/2025	0.5	0.28
Type 1 and Type 2 substances in aggregate	TM-12 TM-13 TM-14	milligrams per cubic metre	Quarterly	N/A	06/11/2024	01/11/2024-31/01/2025	1	0.35

Comment:

Point 1 samples taken last month, results compliant.



3.2 Monitoring point 2

EPL: 12878

Licensee: Enirgi Power Storage Recycling Pty Ltd., 509 Byrnes Rd, Bomen, New South Wales 2650

Published: - 5/03/25

Substance	Sampling Method	Units of measure	Frequency	Averaging Period (if applicable)	Date obtained	Date Range	100 percent concentration limit	Result
Solid Particles	TM-15	milligrams per cubic metre	Quarterly	N/A	06/11/2024	01/11/2024-31/01/2025	5	2.6
Lead	TM-12	milligrams per cubic metre	Quarterly	N/A	06/11/2024	01/11/2024-31/01/2025	0.5	0.059
Sulfuric acid mist and sulfur trioxide (as SO ₃)	TM-3	milligrams per cubic metre	Quarterly	N/A	05/11/2024	01/11/2024-31/01/2025	5	2.9
Type 1 and Type 2 substances in aggregate	TM-12 TM-13 TM-14	milligrams per cubic metre	Quarterly	N/A	06/11/2024	01/11/2024-31/01/2025	1	0.095
Dioxins & Furans	TM-18	nanograms per cubic metre	Yearly	N/A	06/08/2024	01/05/2024-30/04/2025	0.1	0.0028

Comment:

No Point 2 samples taken this month, previous results compliant.



EPL: 12878

Licensee: Enirgi Power Storage Recycling Pty Ltd., 509 Byrnes Rd, Bomen, New South Wales 2650

Published: - 5/03/25

Substance	Sampling Method	Units of measure	Frequency	Averaging Period (if applicable)	Date obtained	Date Range	100 percent concentration limit	Result			
								Max	Min	Mean	Median
Sulphur dioxide	CEM-2	milligrams per cubic metre	Continuous	1 hour	01/02/2025	01/01/2025-31/01/2025	400	303.4	1.0	41.3	24.2

Comment:

Mean, median, minimum and maximum results for continuous monitoring of sulphur dioxide are taken from 744 measured results for the month out of a possible 744.

3.3 Monitoring point 3

EPL: 12878

Licensee: Enirgi Power Storage Recycling Pty Ltd., 509 Byrnes Rd, Bomen, New South Wales 2650

Published: - 5/03/25

Substance	Sampling Method	Units of measure	Frequency	Averaging Period (if applicable)	Date obtained	100 percent concentration limit	Result
Nitrogen dioxide	TM-11	milligrams per cubic metre	Yearly	N/A	05/11/2024	250	71

Comment:

No Point 3 samples taken this month, previous result compliant.



3.4 Monitoring point 4

EPL: 12878

Licensee: Enirgi Power Storage Recycling Pty Ltd., 509 Byrnes Rd, Bomen, New South Wales 2650

Published: - 5/03/25

Substance	Sampling Method	Units of measure	Frequency	Averaging Period (if applicable)	Date obtained	100 percent concentration limit	Result
Nitrogen dioxide	TM-11	milligrams per cubic metre	Yearly	N/A	1/05/2024	250	97

Comment:

No Point 4 samples taken this month, previous results compliant.

3.5 Monitoring point 5

EPL: 12878

Licensee: Enirgi Power Storage Recycling Pty Ltd., 509 Byrnes Rd, Bomen, New South Wales 2650

Published: - 5/03/25

Substance	Sampling Method	Units of measure	Frequency	Averaging Period (if applicable)	Date obtained	100 percent concentration limit	Result
Solid Particles	TM-15	milligrams per cubic metre	Yearly	N/A	07/11/2024	5	<3

Comment:

No Point 5 samples taken this month, previous results compliant.



3.6 Monitoring Point 6

EPL 12878

Licensee: Enirgi Power Storage Recycling Pty Ltd., 509 Byrnes Rd, Bomen, New South Wales 2650

Published: - 5/03/25

Substance	Sampling Method	Units of measure	Frequency	Averaging Period (if applicable)	Date obtained	Date Range	100 percent concentration limit	Result
Solid Particles	TM-15	milligrams per cubic metre	Annual	N/A	06/08/2024	01/05/2024-30/04/2025	5	2
Type 1 and Type 2 substances in aggregate	TM-12 TM-13 TM-14	milligrams per cubic metre	Annual	N/A	06/08/2024	01/05/2024-30/04/2025	1	0.055
Lead	TM-12	milligrams per cubic metre	Annual	N/A	06/08/2024	01/05/2024-30/04/2025	0.5	0.03

Comment:

No Point 6 samples taken this month, previous results compliant.

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February 2025 Monthly Monitoring Report

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1. Introduction

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5	Discharge to Air	Discharge to Air	Sodium sulphate drying emissions from stack
6	Discharge to Air	Discharge to Air	Hygiene Air emissions from stack (in Licence but has not yet been built)



3. Monitoring Results

3.1 Monitoring Point 1

EPL 12878

Licensee: Enirgi Power Storage Recycling Pty Ltd., 509 Byrnes Rd, Bomen, New South Wales 2650

Published: - 6/03/25

Substance	Sampling Method	Units of measure	Frequency	Averaging Period (if applicable)	Date obtained	Date Range	100 percent concentration limit	Result
Solid Particles	TM-15	milligrams per cubic metre	Quarterly	N/A	18/12/2024	01/11/2024-31/01/2025	5	2.5
Lead	TM-12	milligrams per cubic metre	Quarterly	N/A	06/11/2024	01/11/2024-31/01/2025	0.5	0.28
Type 1 and Type 2 substances in aggregate	TM-12 TM-13 TM-14	milligrams per cubic metre	Quarterly	N/A	06/11/2024	01/11/2024-31/01/2025	1	0.35

Comment:

No Point 1 samples taken this month, previous results compliant.



3.2 Monitoring point 2

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Substance	Sampling Method	Units of measure	Frequency	Averaging Period (if applicable)	Date obtained	Date Range	100 percent concentration limit	Result
Solid Particles	TM-15	milligrams per cubic metre	Quarterly	N/A	06/11/2024	01/11/2024-31/01/2025	5	2.6
Lead	TM-12	milligrams per cubic metre	Quarterly	N/A	06/11/2024	01/11/2024-31/01/2025	0.5	0.059
Sulfuric acid mist and sulfur trioxide (as SO3)	TM-3	milligrams per cubic metre	Quarterly	N/A	05/11/2024	01/11/2024-31/01/2025	5	2.9
Type 1 and Type 2 substances in aggregate	TM-12 TM-13 TM-14	milligrams per cubic metre	Quarterly	N/A	06/11/2024	01/11/2024-31/01/2025	1	0.095
Dioxins & Furans	TM-18	nanograms per cubic metre	Yearly	N/A	06/08/2024	01/05/2024-30/04/2025	0.1	0.0028

Comment:

No Point 2 samples taken this month, previous results compliant.



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Substance	Sampling Method	Units of measure	Frequency	Averaging Period (if applicable)	Date obtained	Date Range	100 percent concentration limit	Result			
								Max	Min	Mean	Median
Sulphur dioxide	CEM-2	milligrams per cubic metre	Continuous	1 hour	01/03/2025	01/02/2025-28/02/2025	400	312.9	0.8	48.2	27.2

Comment:

Mean, median, minimum and maximum results for continuous monitoring of sulphur dioxide are taken from 672 measured results for the month out of a possible 672.

3.3 Monitoring point 3

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Published: - 6/03/25

Substance	Sampling Method	Units of measure	Frequency	Averaging Period (if applicable)	Date obtained	100 percent concentration limit	Result
Nitrogen dioxide	TM-11	milligrams per cubic metre	Yearly	N/A	05/11/2024	250	71

Comment:

No Point 3 samples taken this month, previous result compliant.



3.4 Monitoring point 4

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Published: - 6/03/25

Substance	Sampling Method	Units of measure	Frequency	Averaging Period (if applicable)	Date obtained	100 percent concentration limit	Result
Nitrogen dioxide	TM-11	milligrams per cubic metre	Yearly	N/A	1/05/2024	250	97

Comment:

No Point 4 samples taken this month, previous results compliant.

3.5 Monitoring point 5

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Substance	Sampling Method	Units of measure	Frequency	Averaging Period (if applicable)	Date obtained	100 percent concentration limit	Result
Solid Particles	TM-15	milligrams per cubic metre	Yearly	N/A	07/11/2024	5	<3

Comment:

No Point 5 samples taken this month, previous results compliant.



3.6 Monitoring Point 6

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Published: - 6/03/25

Substance	Sampling Method	Units of measure	Frequency	Averaging Period (if applicable)	Date obtained	Date Range	100 percent concentration limit	Result
Solid Particles	TM-15	milligrams per cubic metre	Annual	N/A	06/08/2024	01/05/2024-30/04/2025	5	2
Type 1 and Type 2 substances in aggregate	TM-12 TM-13 TM-14	milligrams per cubic metre	Annual	N/A	06/08/2024	01/05/2024-30/04/2025	1	0.055
Lead	TM-12	milligrams per cubic metre	Annual	N/A	06/08/2024	01/05/2024-30/04/2025	0.5	0.03

Comment:

No Point 6 samples taken this month, previous results compliant.