

212 East Bomen Road
Bomen NSW 2650
T: 02 6937 1900



Postage Address:
PO Box 6266
WAGGA WAGGA NSW 2650
ABN 50 114 135 821

January 2023 Monthly Monitoring Report

Published Date - Friday, 17 March 2023

212 East Bomen Road
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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 In the case of quarterly reported results the previous quarter's result will be shown until it is superseded.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: - 17/03/23

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	08/11/2022	01/11/2022-31/01/2023	5	<2
Lead	TM-12	milligrams per cubic metre	Quarterly	N/A	08/11/2022	01/11/2022-31/01/2023	0.5	0.18
Type 1 and Type 2 substances in aggregate	TM-12 TM-13 TM-14	milligrams per cubic metre	Quarterly	N/A	08/11/2022	01/11/2022-31/01/2023	1	0.23

Comment:

No Point 1 samples taken this month, previous 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: - 17/03/23

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	15/12/2022	01/11/2022-31/01/2023	5	1.4
Lead	TM-12	milligrams per cubic metre	Quarterly	N/A	15/12/2022	01/11/2022-31/01/2023	0.5	0.038
Sulfuric acid mist and sulfur trioxide (as SO ₃)	TM-3	milligrams per cubic metre	Quarterly	N/A	15/12/2022	01/11/2022-31/01/2023	5	0.12
Type 1 and Type 2 substances in aggregate	TM-12 TM-13 TM-14	milligrams per cubic metre	Quarterly	N/A	15/12/2022	01/11/2022-31/01/2023	1	0.05
Dioxins & Furans	TM-18	nanograms per cubic metre	Yearly	N/A	03/08/2022	01/05/2022-30/04/2023	0.1	0.0041

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: - 17/03/23

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	01/02/2023	01/01/2023-31/01/2023	400	131.0	0	18.9	16.9

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: - 17/03/23

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	03/08/2022	250	39

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: - 17/03/23

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	12/05/2022	250	89

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: - 17/03/23

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	12/05/2022	5	<2

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: - 17/03/23

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	Special Frequency 1	N/A	09/11/2022	01/11/2022-31/01/2023	5	<2
Type 1 and Type 2 substances in aggregate	TM-12 TM-13 TM-14	milligrams per cubic metre	Special Frequency 1	N/A	15/12/2022	01/11/2022-31/01/2023	1	0.04
Lead	TM-12	milligrams per cubic metre	Special Frequency 1	N/A	15/12/2022	01/11/2022-31/01/2023	0.5	0.02

Comment:

No Point 6 samples taken this month, previous results compliant. As per condition E2 of 12878, Special frequency 1 means one round of post commissioning monitoring and annual thereafter.

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February 2023 Monthly Monitoring Report

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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: - 20/03/23

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	08/02/2023	01/02/2023-30/04/2023	5	4.7
Lead	TM-12	milligrams per cubic metre	Quarterly	N/A	08/02/2023	01/02/2023-30/04/2023	0.5	0.05
Type 1 and Type 2 substances in aggregate	TM-12 TM-13 TM-14	milligrams per cubic metre	Quarterly	N/A	08/02/2023	01/02/2023-30/04/2023	1	0.079

Comment:

Point 1 samples taken this 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: - 20/03/23

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	08/02/2023	01/02/2023-30/04/2023	5	2
Lead	TM-12	milligrams per cubic metre	Quarterly	N/A	08/02/2023	01/02/2023-30/04/2023	0.5	0.09
Sulfuric acid mist and sulfur trioxide (as SO ₃)	TM-3	milligrams per cubic metre	Quarterly	N/A	08/02/2023	01/02/2023-30/04/2023	5	1.2
Type 1 and Type 2 substances in aggregate	TM-12 TM-13 TM-14	milligrams per cubic metre	Quarterly	N/A	08/02/2023	01/02/2023-30/04/2023	1	0.11
Dioxins & Furans	TM-18	nanograms per cubic metre	Yearly	N/A	03/08/2022	01/05/2022-30/04/2023	0.1	0.0041

Comment:

Point 2 samples taken this month, results compliant.



EPL: 12878

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

Published: - 20/03/23

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	01/03/2023	01/02/2023-28/02/2023	400	194.5	0.1	31.0	24.7

Comment:

Mean, median, minimum and maximum results for continuous monitoring of sulphur dioxide are taken from 669 measured results for the month out of a possible 672.

3.3 Monitoring point 3

EPL: 12878

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

Published: - 20/03/23

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	03/08/2022	250	39

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: - 20/03/23

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	12/05/2022	250	89

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: - 20/03/23

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	12/05/2022	5	<2

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: - 20/03/23

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	Special Frequency 1	N/A	08/02/2023	01/02/2023-30/04/2023	5	4.2
Type 1 and Type 2 substances in aggregate	TM-12 TM-13 TM-14	milligrams per cubic metre	Special Frequency 1	N/A	08/02/2023	01/02/2023-30/04/2023	1	0.1
Lead	TM-12	milligrams per cubic metre	Special Frequency 1	N/A	08/02/2023	01/02/2023-30/04/2023	0.5	0.072

Comment:

Point 6 samples taken this month, results compliant. As per condition E2 of 12878, Special frequency 1 means one round of post commissioning monitoring and annual thereafter.

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March 2023 Monthly Monitoring Report

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1. Introduction

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EPA Identification Number	Type of Monitoring Point	Type of Discharge Point	Location Description
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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: - 9/05/23

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	08/02/2023	01/02/2023-30/04/2023	5	4.7
Lead	TM-12	milligrams per cubic metre	Quarterly	N/A	08/02/2023	01/02/2023-30/04/2023	0.5	0.05
Type 1 and Type 2 substances in aggregate	TM-12 TM-13 TM-14	milligrams per cubic metre	Quarterly	N/A	08/02/2023	01/02/2023-30/04/2023	1	0.079

Comment:

No Point 1 samples taken this month, previous 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: - 9/05/23

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	08/02/2023	01/02/2023-30/04/2023	5	2
Lead	TM-12	milligrams per cubic metre	Quarterly	N/A	08/02/2023	01/02/2023-30/04/2023	0.5	0.09
Sulfuric acid mist and sulfur trioxide (as SO3)	TM-3	milligrams per cubic metre	Quarterly	N/A	08/02/2023	01/02/2023-30/04/2023	5	1.2
Type 1 and Type 2 substances in aggregate	TM-12 TM-13 TM-14	milligrams per cubic metre	Quarterly	N/A	08/02/2023	01/02/2023-30/04/2023	1	0.11
Dioxins & Furans	TM-18	nanograms per cubic metre	Yearly	N/A	03/08/2022	01/05/2022-30/04/2023	0.1	0.0041

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: - 9/05/23

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	01/03/2023	01/03/2023-31/03/2023	400	129.2	12.0	30.5	12.7

Comment:

Mean, median, minimum and maximum results for continuous monitoring of sulphur dioxide are taken from 549 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: - 9/05/23

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	03/08/2022	250	39

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: - 9/05/23

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	12/05/2022	250	89

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: - 9/05/23

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	12/05/2022	5	<2

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: - 9/05/23

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	Special Frequency 1	N/A	08/02/2023	01/02/2023-30/04/2023	5	4.2
Type 1 and Type 2 substances in aggregate	TM-12 TM-13 TM-14	milligrams per cubic metre	Special Frequency 1	N/A	08/02/2023	01/02/2023-30/04/2023	1	0.1
Lead	TM-12	milligrams per cubic metre	Special Frequency 1	N/A	08/02/2023	01/02/2023-30/04/2023	0.5	0.072

Comment:

No Point 6 samples taken this month, previous results compliant. As per condition E2 of 12878, Special frequency 1 means one round of post commissioning monitoring and annual thereafter.

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April 2023 Monthly Monitoring Report

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1. Introduction

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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
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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: - 9/05/23

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	08/02/2023	01/02/2023-30/04/2023	5	4.7
Lead	TM-12	milligrams per cubic metre	Quarterly	N/A	08/02/2023	01/02/2023-30/04/2023	0.5	0.05
Type 1 and Type 2 substances in aggregate	TM-12 TM-13 TM-14	milligrams per cubic metre	Quarterly	N/A	08/02/2023	01/02/2023-30/04/2023	1	0.079

Comment:

No Point 1 samples taken this month, previous 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: - 9/05/23

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	08/02/2023	01/02/2023-30/04/2023	5	2
Lead	TM-12	milligrams per cubic metre	Quarterly	N/A	08/02/2023	01/02/2023-30/04/2023	0.5	0.09
Sulfuric acid mist and sulfur trioxide (as SO ₃)	TM-3	milligrams per cubic metre	Quarterly	N/A	08/02/2023	01/02/2023-30/04/2023	5	1.2
Type 1 and Type 2 substances in aggregate	TM-12 TM-13 TM-14	milligrams per cubic metre	Quarterly	N/A	08/02/2023	01/02/2023-30/04/2023	1	0.11
Dioxins & Furans	TM-18	nanograms per cubic metre	Yearly	N/A	03/08/2022	01/05/2022-30/04/2023	0.1	0.0041

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: - 9/05/23

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	01/05/2023	01/04/2023-30/04/2023	400	131.2	10.3	29.4	26.6

Comment:

Mean, median, minimum and maximum results for continuous monitoring of sulphur dioxide are taken from 720 measured results for the month out of a possible 720.

3.3 Monitoring point 3

EPL: 12878

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

Published: - 9/05/23

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	03/08/2022	250	39

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: - 9/05/23

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	12/05/2022	250	89

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: - 9/05/23

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	12/05/2022	5	<2

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: - 9/05/23

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	Special Frequency 1	N/A	08/02/2023	01/02/2023-30/04/2023	5	4.2
Type 1 and Type 2 substances in aggregate	TM-12 TM-13 TM-14	milligrams per cubic metre	Special Frequency 1	N/A	08/02/2023	01/02/2023-30/04/2023	1	0.1
Lead	TM-12	milligrams per cubic metre	Special Frequency 1	N/A	08/02/2023	01/02/2023-30/04/2023	0.5	0.072

Comment:

No Point 6 samples taken this month, previous results compliant. As per condition E2 of 12878, Special frequency 1 means one round of post commissioning monitoring and annual thereafter.

212 East Bomen Road
Bomen NSW 2650
T: 02 6937 1900



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PO Box 6266
WAGGA WAGGA NSW 2650
ABN 50 114 135 821

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Bomen NSW 2650
T: 02 6937 1900



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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: - 12/12/23

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	08/02/2023	01/02/2023-30/04/2023	5	4.7
Lead	TM-12	milligrams per cubic metre	Quarterly	N/A	08/02/2023	01/02/2023-30/04/2023	0.5	0.05
Type 1 and Type 2 substances in aggregate	TM-12 TM-13 TM-14	milligrams per cubic metre	Quarterly	N/A	08/02/2023	01/02/2023-30/04/2023	1	0.079

Comment:

Point 1 samples taken this month, awaiting results, previous 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: - 12/12/23

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	08/02/2023	01/02/2023-30/04/2023	5	2
Lead	TM-12	milligrams per cubic metre	Quarterly	N/A	08/02/2023	01/02/2023-30/04/2023	0.5	0.09
Sulfuric acid mist and sulfur trioxide (as SO ₃)	TM-3	milligrams per cubic metre	Quarterly	N/A	08/02/2023	01/02/2023-30/04/2023	5	1.2
Type 1 and Type 2 substances in aggregate	TM-12 TM-13 TM-14	milligrams per cubic metre	Quarterly	N/A	08/02/2023	01/02/2023-30/04/2023	1	0.11
Dioxins & Furans	TM-18	nanograms per cubic metre	Yearly	N/A	03/08/2022	01/05/2022-30/04/2023	0.1	0.0041

Comment:

Point 2 samples taken this month, awaiting results, previous results compliant.



EPL: 12878

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

Published: - 12/12/23

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	01/06/2023	01/05/2023-30/05/2023	400	199.7	11.4	38.3	32.9

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: - 12/12/23

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	03/08/2022	250	39

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: - 12/12/23

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	12/05/2022	250	89

Comment:

Point 4 samples taken this month, awaiting results, 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: - 12/12/23

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	12/05/2022	5	<2

Comment:

Point 5 samples taken this month, awaiting results, 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: - 12/12/23

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	08/02/2023	01/02/2023-30/04/2023	5	4.2
Type 1 and Type 2 substances in aggregate	TM-12 TM-13 TM-14	milligrams per cubic metre	Annual	N/A	08/02/2023	01/02/2023-30/04/2023	1	0.1
Lead	TM-12	milligrams per cubic metre	Annual	N/A	08/02/2023	01/02/2023-30/04/2023	0.5	0.072

Comment:

Point 6 samples taken this month, awaiting results, previous results compliant.

212 East Bomen Road
Bomen NSW 2650
T: 02 6937 1900



Postage Address:
PO Box 6266
WAGGA WAGGA NSW 2650
ABN 50 114 135 821

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T: 02 6937 1900



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PO Box 6266
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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: - 12/12/23

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	18/05/2023	01/05/2023-31/07/2023	5	<2
Lead	TM-12	milligrams per cubic metre	Quarterly	N/A	18/05/2023	01/05/2023-31/07/2023	0.5	0.061
Type 1 and Type 2 substances in aggregate	TM-12 TM-13 TM-14	milligrams per cubic metre	Quarterly	N/A	18/05/2023	01/05/2023-31/07/2023	1	0.089

Comment:

No Point 1 samples taken this month, previous 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: - 12/12/23

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	18/05/2023	01/05/2023-31/07/2023	5	2.7
Lead	TM-12	milligrams per cubic metre	Quarterly	N/A	18/05/2023	01/05/2023-31/07/2023	0.5	0.15
Sulfuric acid mist and sulfur trioxide (as SO ₃)	TM-3	milligrams per cubic metre	Quarterly	N/A	18/05/2023	01/05/2023-31/07/2023	5	0.81
Type 1 and Type 2 substances in aggregate	TM-12 TM-13 TM-14	milligrams per cubic metre	Quarterly	N/A	18/05/2023	01/05/2023-31/07/2023	1	0.17
Dioxins & Furans	TM-18	nanograms per cubic metre	Yearly	N/A	03/08/2022	01/05/2022-30/04/2023	0.1	0.0041

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: - 12/12/23

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	01/06/2023	01/05/2023-30/05/2023	400	221.9	13.4	46.3	37.9

Comment:

Mean, median, minimum and maximum results for continuous monitoring of sulphur dioxide are taken from 720 measured results for the month out of a possible 720.

3.3 Monitoring point 3

EPL: 12878

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

Published: - 12/12/23

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	03/08/2022	250	39

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: - 12/12/23

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	18/05/2023	250	99

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: - 12/12/23

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	18/05/2023	5	<2

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: - 12/12/23

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	18/05/2023	01/05/2023-30/04/2024	5	1.9
Type 1 and Type 2 substances in aggregate	TM-12 TM-13 TM-14	milligrams per cubic metre	Annual	N/A	18/05/2023	01/05/2023-30/04/2024	1	0.03
Lead	TM-12	milligrams per cubic metre	Annual	N/A	18/05/2023	01/05/2023-30/04/2024	0.5	0.012

Comment:

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

212 East Bomen Road
Bomen NSW 2650
T: 02 6937 1900



Postage Address:
PO Box 6266
WAGGA WAGGA NSW 2650
ABN 50 114 135 821

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Bomen NSW 2650
T: 02 6937 1900



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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: - 12/12/23

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	18/05/2023	01/05/2023-31/07/2023	5	<2
Lead	TM-12	milligrams per cubic metre	Quarterly	N/A	18/05/2023	01/05/2023-31/07/2023	0.5	0.061
Type 1 and Type 2 substances in aggregate	TM-12 TM-13 TM-14	milligrams per cubic metre	Quarterly	N/A	18/05/2023	01/05/2023-31/07/2023	1	0.089

Comment:

No Point 1 samples taken this month, previous 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: - 12/12/23

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	18/05/2023	01/05/2023-31/07/2023	5	2.7
Lead	TM-12	milligrams per cubic metre	Quarterly	N/A	18/05/2023	01/05/2023-31/07/2023	0.5	0.15
Sulfuric acid mist and sulfur trioxide (as SO ₃)	TM-3	milligrams per cubic metre	Quarterly	N/A	18/05/2023	01/05/2023-31/07/2023	5	0.81
Type 1 and Type 2 substances in aggregate	TM-12 TM-13 TM-14	milligrams per cubic metre	Quarterly	N/A	18/05/2023	01/05/2023-31/07/2023	1	0.17
Dioxins & Furans	TM-18	nanograms per cubic metre	Yearly	N/A	03/08/2022	01/05/2022-30/04/2023	0.1	0.0041

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: - 12/12/23

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	01/08/2023	01/07/2023-31/07/2023	400	256.8	14.1	48.2	39.5

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: - 12/12/23

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	03/08/2022	250	39

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: - 12/12/23

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	18/05/2023	250	99

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: - 12/12/23

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	18/05/2023	5	<2

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: - 12/12/23

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	18/05/2023	01/05/2023-30/04/2024	5	1.9
Type 1 and Type 2 substances in aggregate	TM-12 TM-13 TM-14	milligrams per cubic metre	Annual	N/A	18/05/2023	01/05/2023-30/04/2024	1	0.03
Lead	TM-12	milligrams per cubic metre	Annual	N/A	18/05/2023	01/05/2023-30/04/2024	0.5	0.012

Comment:

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

212 East Bomen Road
Bomen NSW 2650
T: 02 6937 1900



Postage Address:
PO Box 6266
WAGGA WAGGA NSW 2650
ABN 50 114 135 821

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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: - 12/12/23

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	18/05/2023	01/05/2023-31/07/2023	5	<2
Lead	TM-12	milligrams per cubic metre	Quarterly	N/A	18/05/2023	01/05/2023-31/07/2023	0.5	0.061
Type 1 and Type 2 substances in aggregate	TM-12 TM-13 TM-14	milligrams per cubic metre	Quarterly	N/A	18/05/2023	01/05/2023-31/07/2023	1	0.089

Comment:

Point 1 samples taken this month, awaiting results, previous 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: - 12/12/23

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	18/05/2023	01/05/2023-31/07/2023	5	2.7
Lead	TM-12	milligrams per cubic metre	Quarterly	N/A	18/05/2023	01/05/2023-31/07/2023	0.5	0.15
Sulfuric acid mist and sulfur trioxide (as SO ₃)	TM-3	milligrams per cubic metre	Quarterly	N/A	18/05/2023	01/05/2023-31/07/2023	5	0.81
Type 1 and Type 2 substances in aggregate	TM-12 TM-13 TM-14	milligrams per cubic metre	Quarterly	N/A	18/05/2023	01/05/2023-31/07/2023	1	0.17
Dioxins & Furans	TM-18	nanograms per cubic metre	Yearly	N/A	03/08/2022	01/05/2022-30/04/2023	0.1	0.0041

Comment:

Point 2 samples taken this month, awaiting results, previous results compliant.



EPL: 12878

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

Published: - 12/12/23

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	01/08/2023	01/07/2023-31/07/2023	400	223.2	10.7	42.1	33.3

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: - 12/12/23

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	03/08/2022	250	39

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: - 12/12/23

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	18/05/2023	250	99

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: - 12/12/23

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	18/05/2023	5	<2

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: - 12/12/23

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	18/05/2023	01/05/2023-30/04/2024	5	1.9
Type 1 and Type 2 substances in aggregate	TM-12 TM-13 TM-14	milligrams per cubic metre	Annual	N/A	18/05/2023	01/05/2023-30/04/2024	1	0.03
Lead	TM-12	milligrams per cubic metre	Annual	N/A	18/05/2023	01/05/2023-30/04/2024	0.5	0.012

Comment:

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

212 East Bomen Road
Bomen NSW 2650
T: 02 6937 1900



Postage Address:
PO Box 6266
WAGGA WAGGA NSW 2650
ABN 50 114 135 821

September 2023 Monthly Monitoring Report

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212 East Bomen Road
Bomen NSW 2650
T: 02 6937 1900



Postage Address:
PO Box 6266
WAGGA WAGGA NSW 2650
ABN 50 114 135 821

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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: - 12/12/23

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	18/05/2023	01/05/2023-31/07/2023	5	<2
Lead	TM-12	milligrams per cubic metre	Quarterly	N/A	18/05/2023	01/05/2023-31/07/2023	0.5	0.061
Type 1 and Type 2 substances in aggregate	TM-12 TM-13 TM-14	milligrams per cubic metre	Quarterly	N/A	18/05/2023	01/05/2023-31/07/2023	1	0.089

Comment:

Point 1 samples taken this month, awaiting results, previous 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: - 12/12/23

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	18/05/2023	01/05/2023-31/07/2023	5	2.7
Lead	TM-12	milligrams per cubic metre	Quarterly	N/A	18/05/2023	01/05/2023-31/07/2023	0.5	0.15
Sulfuric acid mist and sulfur trioxide (as SO ₃)	TM-3	milligrams per cubic metre	Quarterly	N/A	18/05/2023	01/05/2023-31/07/2023	5	0.81
Type 1 and Type 2 substances in aggregate	TM-12 TM-13 TM-14	milligrams per cubic metre	Quarterly	N/A	18/05/2023	01/05/2023-31/07/2023	1	0.17
Dioxins & Furans	TM-18	nanograms per cubic metre	Yearly	N/A	03/08/2022	01/05/2022-30/04/2023	0.1	0.0041

Comment:

Point 2 samples taken this month, awaiting results, previous results compliant.



EPL: 12878

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

Published: - 12/12/23

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	01/10/2023	01/09/2023-30/09/2023	400	261.6	0	32.4	25.3

Comment:

Mean, median, minimum and maximum results for continuous monitoring of sulphur dioxide are taken from 720 measured results for the month out of a possible 720.

3.3 Monitoring point 3

EPL: 12878

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

Published: - 12/12/23

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	03/08/2022	250	39

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: - 12/12/23

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	18/05/2023	250	99

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: - 12/12/23

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	18/05/2023	5	<2

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: - 12/12/23

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	18/05/2023	01/05/2023-30/04/2024	5	1.9
Type 1 and Type 2 substances in aggregate	TM-12 TM-13 TM-14	milligrams per cubic metre	Annual	N/A	18/05/2023	01/05/2023-30/04/2024	1	0.03
Lead	TM-12	milligrams per cubic metre	Annual	N/A	18/05/2023	01/05/2023-30/04/2024	0.5	0.012

Comment:

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

212 East Bomen Road
Bomen NSW 2650
T: 02 6937 1900



Postage Address:
PO Box 6266
WAGGA WAGGA NSW 2650
ABN 50 114 135 821

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212 East Bomen Road
Bomen NSW 2650
T: 02 6937 1900



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PO Box 6266
WAGGA WAGGA NSW 2650
ABN 50 114 135 821

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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: - 12/12/23

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	02/08/2023	01/08/2023-31/10/2023	5	<2
Lead	TM-12	milligrams per cubic metre	Quarterly	N/A	02/08/2023	01/08/2023-31/10/2023	0.5	0.22
Type 1 and Type 2 substances in aggregate	TM-12 TM-13 TM-14	milligrams per cubic metre	Quarterly	N/A	02/08/2023	01/08/2023-31/10/2023	1	0.26

Comment:

No Point 1 samples taken this month, previous 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: - 12/12/23

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	02/08/2023	01/08/2023-31/10/2023	5	2.1
Lead	TM-12	milligrams per cubic metre	Quarterly	N/A	27/09/2023	01/08/2023-31/10/2023	0.5	0.11
Sulfuric acid mist and sulfur trioxide (as SO ₃)	TM-3	milligrams per cubic metre	Quarterly	N/A	02/08/2023	01/08/2023-31/10/2023	5	0.58
Type 1 and Type 2 substances in aggregate	TM-12 TM-13 TM-14	milligrams per cubic metre	Quarterly	N/A	27/09/2023	01/08/2023-31/10/2023	1	0.14
Dioxins & Furans	TM-18	nanograms per cubic metre	Yearly	N/A	02/08/2023	01/05/2023-30/04/2024	0.1	0.0081

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: - 12/12/23

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	01/11/2023	01/10/2023-31/10/2023	400	251.9	12.3	42.6	34.8

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: - 12/12/23

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	03/08/2022	250	39

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: - 12/12/23

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	18/05/2023	250	99

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: - 12/12/23

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	18/05/2023	5	<2

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: - 12/12/23

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	18/05/2023	01/05/2023-30/04/2024	5	1.9
Type 1 and Type 2 substances in aggregate	TM-12 TM-13 TM-14	milligrams per cubic metre	Annual	N/A	18/05/2023	01/05/2023-30/04/2024	1	0.03
Lead	TM-12	milligrams per cubic metre	Annual	N/A	18/05/2023	01/05/2023-30/04/2024	0.5	0.012

Comment:

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

212 East Bomen Road
Bomen NSW 2650
T: 02 6937 1900



Postage Address:
PO Box 6266
WAGGA WAGGA NSW 2650
ABN 50 114 135 821

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212 East Bomen Road
Bomen NSW 2650
T: 02 6937 1900



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PO Box 6266
WAGGA WAGGA NSW 2650
ABN 50 114 135 821

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1. Introduction

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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: - 12/12/23

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	02/08/2023	01/08/2023-31/10/2023	5	<2
Lead	TM-12	milligrams per cubic metre	Quarterly	N/A	02/08/2023	01/08/2023-31/10/2023	0.5	0.22
Type 1 and Type 2 substances in aggregate	TM-12 TM-13 TM-14	milligrams per cubic metre	Quarterly	N/A	02/08/2023	01/08/2023-31/10/2023	1	0.26

Comment:

Point 1 samples taken this month, awaiting results, previous 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: - 12/12/23

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	02/08/2023	01/08/2023-31/10/2023	5	2.1
Lead	TM-12	milligrams per cubic metre	Quarterly	N/A	27/09/2023	01/08/2023-31/10/2023	0.5	0.11
Sulfuric acid mist and sulfur trioxide (as SO ₃)	TM-3	milligrams per cubic metre	Quarterly	N/A	02/08/2023	01/08/2023-31/10/2023	5	0.58
Type 1 and Type 2 substances in aggregate	TM-12 TM-13 TM-14	milligrams per cubic metre	Quarterly	N/A	27/09/2023	01/08/2023-31/10/2023	1	0.14
Dioxins & Furans	TM-18	nanograms per cubic metre	Yearly	N/A	02/08/2023	01/05/2023-30/04/2024	0.1	0.0081

Comment:

Point 2 samples taken this month, awaiting results, previous results compliant.



EPL: 12878

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

Published: - 12/12/23

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	01/12/2023	01/11/2023-30/11/2023	400	249.8	0	34.1	27.6

Comment:

Mean, median, minimum and maximum results for continuous monitoring of sulphur dioxide are taken from 720 measured results for the month out of a possible 720.

3.3 Monitoring point 3

EPL: 12878

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

Published: - 12/12/23

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	03/08/2022	250	39

Comment:

Point 3 samples taken this month, awaiting results, 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: - 12/12/23

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	18/05/2023	250	99

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: - 12/12/23

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	18/05/2023	5	<2

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: - 12/12/23

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	18/05/2023	01/05/2023-30/04/2024	5	1.9
Type 1 and Type 2 substances in aggregate	TM-12 TM-13 TM-14	milligrams per cubic metre	Annual	N/A	18/05/2023	01/05/2023-30/04/2024	1	0.03
Lead	TM-12	milligrams per cubic metre	Annual	N/A	18/05/2023	01/05/2023-30/04/2024	0.5	0.012

Comment:

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

212 East Bomen Road
Bomen NSW 2650
T: **02 6937 1900**



Postage Address:
PO Box 6266
WAGGA WAGGA NSW 2650
ABN 50 114 135 821

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212 East Bomen Road
Bomen NSW 2650
T: 02 6937 1900



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ABN 50 114 135 821

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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: - 16/01/24

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	07/11/2023	01/11/2023-31/01/2024	5	<3
Lead	TM-12	milligrams per cubic metre	Quarterly	N/A	07/11/2023	01/11/2023-31/01/2024	0.5	0.076
Type 1 and Type 2 substances in aggregate	TM-12 TM-13 TM-14	milligrams per cubic metre	Quarterly	N/A	07/11/2023	01/11/2023-31/01/2024	1	0.1

Comment:

No Point 1 samples taken this month, previous 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: - 16/01/24

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	08/11/2023	01/11/2023-31/01/2024	5	<1
Lead	TM-12	milligrams per cubic metre	Quarterly	N/A	08/11/2023	01/11/2023-31/01/2024	0.5	0.13
Sulfuric acid mist and sulfur trioxide (as SO ₃)	TM-3	milligrams per cubic metre	Quarterly	N/A	08/11/2023	01/11/2023-31/01/2024	5	2.9
Type 1 and Type 2 substances in aggregate	TM-12 TM-13 TM-14	milligrams per cubic metre	Quarterly	N/A	08/11/2023	01/11/2023-31/01/2024	1	0.15
Dioxins & Furans	TM-18	nanograms per cubic metre	Yearly	N/A	02/08/2023	01/05/2023-30/04/2024	0.1	0.0081

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: - 16/01/24

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	01/01/2024	01/12/2023-31/12/2023	400	135.8	5.3	25.9	22.0

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: - 16/01/24

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	07/11/2023	250	87

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: - 16/01/24

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	18/05/2023	250	99

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: - 16/01/24

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	18/05/2023	5	<2

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: - 16/01/24

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	18/05/2023	01/05/2023-30/04/2024	5	1.9
Type 1 and Type 2 substances in aggregate	TM-12 TM-13 TM-14	milligrams per cubic metre	Annual	N/A	18/05/2023	01/05/2023-30/04/2024	1	0.03
Lead	TM-12	milligrams per cubic metre	Annual	N/A	18/05/2023	01/05/2023-30/04/2024	0.5	0.012

Comment:

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