	<b>Management Process15S--157</b>	
	<b>Plant / Area:</b> Milperra	<b>Version:</b> 4.2
	<b>Version Date:</b> 20/05/2024	<b>Review Due:</b> 10/04/2025
	<b>Author:</b> Sai Gollapudi	<b>Approver:</b> Sai Gollapudi
	<b>Original ID #:</b> 41706	<b>Page 1 of 14</b>
<b>Milperra website posted information</b>		

# Air Monitoring

**09<sup>th</sup> MAY 2024**

At Jamestrong Packaging Milperra, we undertake annual monitoring of air emissions as per the requirement in our EPA license.

Air emissions are monitored from 2 stacks by an independent NATA approved company.


The results of this monitoring are forwarded to the EPA annually.

## License Details

<b>EPA Licence No</b>	20054
<b>Licensee Name</b>	JAMESTRONG PACKAGING AUSTRALIA PTY LTD
<b>Premises Name</b>	Jamestrong Packaging Metal - Milperra
<b>Licensee Address</b>	11 Amour Street, Milperra NSW 2214

## Monitoring Frequency and Sampling Method

Pollutant	Units of Measure	Frequency	Sampling Method
Nitrogen Oxides	Milligrams per cubic metre	Yearly	TM-11
Total Solid Particles	Milligrams per cubic metre	Yearly	TM-15
Volatile Organic compounds	Milligrams per cubic metre	Yearly	TM-34

	<b>Management Process15S--157</b>	
	<b>Plant / Area:</b> Milperra	<b>Version:</b> 4.2
	<b>Version Date:</b> 20/05/2024	<b>Review Due:</b> 10/04/2025
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	<b>Original ID #:</b> 41706	<b>Page 2 of 14</b>
<b>Milperra website posted information</b>		


## Results May 2024

### Discharge & Monitoring Point 1 (East Flue Stack)

Pollutant	Unit of measure	Pollutant Limit	Date Measured	Date data obtained	Date data published	No. of samples required by licence	No. of samples collected and analysed	Highest sample value
Nitrogen Oxides	milligrams per cubic meter	350milligrams per cubic metre	26/03/24	26/03/24	18/04/24	1	1	130
Total Solid Particles	milligrams per cubic meter	50milligrams per cubic metre	26/03/24	26/03/24	18/04/24	1	1	2.5
Volatile Organic Compounds	milligrams per cubic meter	20milligrams per cubic metre	26/03/24	26/03/24	18/04/24	1	1	2.3

### Discharge & Monitoring Point 2 (West Flue Stack)

Pollutant	Unit of measure	Pollutant Limit	Date Measured	Date data obtained	Date data published	No. of samples required by licence	No. of samples collected and analysed	Highest sample value
Nitrogen Oxides	milligrams per cubic meter	350milligrams per cubic metre	26/03/24	26/03/24	18/04/24	1	1	10
Total Solid Particles	milligrams per cubic meter	50milligrams per cubic metre	26/03/24	26/03/24	18/04/24	1	1	<2
Volatile Organic Compounds	milligrams per cubic meter	40milligrams per cubic metre	26/03/24	26/03/24	18/04/24	1	1	8.8

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	<b>Version Date:</b> 20/05/2024	<b>Review Due:</b> 10/04/2025
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	<b>Original ID #:</b> 41706	<b>Page 3 of 14</b>
<b>Milperra website posted information</b>		


## Results May 2023

### Discharge & Monitoring Point 1 (East Flue Stack)

Pollutant	Unit of measure	Pollutant Limit	Date Measured	Date data obtained	Date data published	No. of samples required by licence	No. of samples collected and analysed	Highest sample value
Nitrogen Oxides	milligrams per cubic meter	350milligrams per cubic metre	03/04/23	03/04/23	05/05/23	1	1	93
Total Solid Particles	milligrams per cubic meter	50milligrams per cubic metre	03/04/23	03/04/23	05/05/23	1	1	3
Volatile Organic Compounds	milligrams per cubic meter	20milligrams per cubic metre	03/04/23	03/04/23	05/05/23	1	1	0.09

### Discharge & Monitoring Point 2 (West Flue Stack)

Pollutant	Unit of measure	Pollutant Limit	Date Measured	Date data obtained	Date data published	No. of samples required by licence	No. of samples collected and analysed	Highest sample value
Nitrogen Oxides	milligrams per cubic meter	350milligram s per cubic metre	03/04/23	03/04/23	05/05/23	1	1	<4
Total Solid Particles	milligrams per cubic meter	50milligrams per cubic metre	03/04/23	03/04/23	05/05/23	1	1	<3
Volatile Organic Compounds	milligrams per cubic meter	40milligrams per cubic metre	03/04/23	03/04/23	05/05/23	1	1	34

	<b>Management Process15S--157</b>	
	<b>Plant / Area:</b> Milperra	<b>Version:</b> 4.2
	<b>Version Date:</b> 20/05/2024	<b>Review Due:</b> 10/04/2025
	<b>Author:</b> Sai Gollapudi	<b>Approver:</b> Sai Gollapudi
	<b>Original ID #:</b> 41706	<b>Page 4 of 14</b>
<b>Milperra website posted information</b>		


## Results May 2022

### Discharge & Monitoring Point 1 (East Flue Stack)

Pollutant	Unit of measure	Pollutant Limit	Date Measured	Date data obtained	Date data published	No. of samples required by licence	No. of samples collected and analysed	Highest sample value
Nitrogen Oxides	milligrams per cubic meter	350milligrams per cubic metre	11/04/22	11/04/22	12/05/22	1	1	110
Total Solid Particles	milligrams per cubic meter	50milligrams per cubic metre	11/04/22	11/04/22	12/05/22	1	1	3.6
Volatile Organic Compounds	milligrams per cubic meter	20milligrams per cubic metre	11/04/22	11/04/22	12/05/22	1	1	0.36

### Discharge & Monitoring Point 2 (West Flue Stack)

Pollutant	Unit of measure	Pollutant Limit	Date Measured	Date data obtained	Date data published	No. of samples required by licence	No. of samples collected and analysed	Highest sample value
Nitrogen Oxides	milligrams per cubic meter	350milligram s per cubic metre	11/04/22	11/04/22	12/05/22	1	1	<4
Total Solid Particles	milligrams per cubic meter	50milligrams per cubic metre	11/04/22	11/04/22	12/05/22	1	1	3.4
Volatile Organic Compounds	milligrams per cubic meter	40milligrams per cubic metre	11/04/22	11/04/22	12/05/22	1	1	25

	<b>Management Process15S--157</b>	
	<b>Plant / Area:</b> Milperra	<b>Version:</b> 4.2
	<b>Version Date:</b> 20/05/2024	<b>Review Due:</b> 10/04/2025
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	<b>Original ID #:</b> 41706	<b>Page</b> 5 of 14
<b>Milperra website posted information</b>		

## Results May 2021

### Discharge & Monitoring Point 1 (East Flue Stack)

Pollutant	Unit of measure	Pollutant Limit	Date Measured	Date data obtained	Date data published	No. of samples required by licence	No. of samples collected and analysed	Highest sample value
Nitrogen Oxides	milligrams per cubic meter	350milligrams per cubic metre	13/04/21	13/04/21	05/05/21	1	1	150
Total Solid Particles	milligrams per cubic meter	50milligrams per cubic metre	13/04/21	13/04/21	05/05/21	1	1	<2
Volatile Organic Compounds	milligrams per cubic meter	20milligrams per cubic metre	13/04/21	13/04/21	05/05/21	1	1	1.2

### Discharge & Monitoring Point 2 (West Flue Stack)

Pollutant	Unit of measure	Pollutant Limit	Date Measured	Date data obtained	Date data published	No. of samples required by licence	No. of samples collected and analysed	Highest sample value
Nitrogen Oxides	milligrams per cubic meter	350milligram s per cubic metre	13/04/21	13/04/21	05/05/21	1	1	19
Total Solid Particles	milligrams per cubic meter	50milligrams per cubic metre	13/04/21	13/04/21	05/05/21	1	1	<2
Volatile Organic Compounds	milligrams per cubic meter	40milligrams per cubic metre	13/04/21	13/04/21	05/05/21	1	1	19

## Results April 2020

### Discharge & Monitoring Point 1 (East Flue Stack)

Pollutant	Unit of measure	Pollutant Limit	Date Measured	Date data obtained	Date data published	No. of samples required by licence	No. of samples collected and analysed	Highest sample value
Nitrogen Oxides	milligrams per cubic meter	350milligrams per cubic metre	15/04/20	15/05/20	11/05/20	1	1	150
Total Solid Particles	milligrams per cubic meter	50milligrams per cubic metre	15/04/20	15/04/20	11/05/20	1	1	<2
Volatile Organic Compounds	milligrams per cubic meter	20milligrams per cubic metre	15/04/20	15/04/20	11/05/20	1	1	1.1

### Discharge & Monitoring Point 2 (West Flue Stack)

Pollutant	Unit of measure	Pollutant Limit	Date Measured	Date data obtained	Date data published	No. of samples required by licence	No. of samples collected and analysed	Highest sample value
Nitrogen Oxides	milligrams per cubic meter	350milligram s per cubic metre	15/04/20	15/04/20	11/05/20	1	1	15
Total Solid Particles	milligrams per cubic meter	50milligrams per cubic metre	15/04/20	15/04/20	11/05/20	1	1	2.1
Volatile Organic Compounds	milligrams per cubic meter	40milligrams per cubic metre	15/04/20	15/04/20	11/05/20	1	1	26

## Results April 2019

### Discharge & Monitoring Point 1 (East Flue Stack)

Pollutant	Unit of measure	Pollutant Limit	Date Measured	Date data obtained	Date data published	No. of samples required by licence	No. of samples collected and analysed	Highest sample value
Nitrogen Oxides	milligrams per cubic meter	350milligrams per cubic metre	12/03/19	12/03/19	10/04/19	1	1	100
Total Solid Particles	milligrams per cubic meter	50milligrams per cubic metre	12/03/19	12/03/19	10/04/19	1	1	3.9
Volatile Organic Compounds	milligrams per cubic meter	20milligrams per cubic metre	12/03/19	12/03/19	10/04/19	1	1	0.042

### Discharge & Monitoring Point 2 (West Flue Stack)

Pollutant	Unit of measure	Pollutant Limit	Date Measured	Date data obtained	Date data published	No. of samples required by licence	No. of samples collected and analysed	Highest sample value
Nitrogen Oxides	milligrams per cubic meter	350milligrams per cubic metre	12/03/19	12/03/19	10/04/19	1	1	<3
Total Solid Particles	milligrams per cubic meter	50milligrams per cubic metre	12/03/19	12/03/19	10/04/19	1	1	2.4
Volatile Organic Compounds	milligrams per cubic meter	40milligrams per cubic metre	12/03/19	12/03/19	10/04/19	1	1	11

## Results April 2018

### Discharge & Monitoring Point 1 (East Flue Stack)

Pollutant	Unit of measure	Pollutant Limit	Date Measured	Date data obtained	Date data published	No. of samples required by licence	No. of samples collected and analysed	Highest sample value
Nitrogen Oxides	milligrams per cubic meter	350milligrams per cubic metre	05/03/18	05/03/18	05/04/18	1	1	110
Total Solid Particles	milligrams per cubic meter	50milligrams per cubic metre	05/03/18	05/03/18	05/04/18	1	1	<3
Volatile Organic Compounds	milligrams per cubic meter	20milligrams per cubic metre	05/03/18	05/03/18	05/04/18	1	1	1.8

### Discharge & Monitoring Point 2 (West Flue Stack)

Pollutant	Unit of measure	Pollutant Limit	Date Measured	Date data obtained	Date data published	No. of samples required by licence	No. of samples collected and analysed	Highest sample value
Nitrogen Oxides	milligrams per cubic meter	350milligram s per cubic metre	05/03/18	05/03/18	05/04/18	1	1	11
Total Solid Particles	milligrams per cubic meter	50milligrams per cubic metre	05/03/18	05/03/18	05/04/18	1	1	2.3
Volatile Organic Compounds	milligrams per cubic meter	40milligrams per cubic metre	05/03/18	05/03/18	05/04/18	1	1	7.4



## Results May 2017

### Discharge & Monitoring Point 1 (East Flue Stack)

Pollutant	Unit of measure	Pollutant Limit	Date Measured	Date data obtained	Date data published	No. of samples required by licence	No. of samples collected and analysed	Highest sample value
Nitrogen Oxides	milligrams per cubic meter	350milligrams per cubic metre	13/04/17	13/04/17	05/05/17	1	1	130
Total Solid Particles	milligrams per cubic meter	50milligrams per cubic metre	13/04/17	13/04/17	05/05/17	1	1	2.6
Volatile Organic Compounds	milligrams per cubic meter	20milligrams per cubic metre	13/04/17	13/04/17	05/05/17	1	1	1.1

### Discharge & Monitoring Point 2 (West Flue Stack)

Pollutant	Unit of measure	Pollutant Limit	Date Measured	Date data obtained	Date data published	No. of samples required by licence	No. of samples collected and analysed	Highest sample value
Nitrogen Oxides	milligrams per cubic meter	350milligrams per cubic metre	13/04/17	13/04/17	05/05/17	1	1	11
Total Solid Particles	milligrams per cubic meter	50milligrams per cubic metre	13/04/17	13/04/17	05/05/17	1	1	3.5
Volatile Organic Compounds	milligrams per cubic meter	40milligrams per cubic metre	13/04/17	13/04/17	05/05/17	1	1	9.4

## Results March 2016

### Discharge & Monitoring Point 1 (East Flue Stack)

Pollutant	Unit of measure	Pollutant Limit	Date Measured	Date data obtained	Date data published	No. of samples required by licence	No. of samples collected and analysed	Highest sample value
Nitrogen Oxides	milligrams per cubic meter	350milligrams per cubic metre	16/09/15	16/09/15	19/10/15	1	1	91
Total Solid Particles	milligrams per cubic meter	50milligrams per cubic metre	16/09/15	16/09/15	19/10/15	1	1	1.0
Volatile Organic Compounds	milligrams per cubic meter	20milligrams per cubic metre	18/02/16	18/02/16	23/06/16	1	1	0.24

### Discharge & Monitoring Point 2 (West Flue Stack)

Pollutant	Unit of measure	Pollutant Limit	Date Measured	Date data obtained	Date data published	No. of samples required by licence	No. of samples collected and analysed	Highest sample value
Nitrogen Oxides	milligrams per cubic meter	350milligrams per cubic metre	16/09/15	16/09/15	19/10/15	1	1	13
Total Solid Particles	milligrams per cubic meter	50milligrams per cubic metre	16/09/15	16/09/15	19/10/15	1	1	4.8
Volatile Organic Compounds	milligrams per cubic meter	40milligrams per cubic metre	18/02/16	18/02/16	23/06/16	1	1	3.3

## Results November 2014

### Discharge & Monitoring Point 1 (East Flue Stack)

Pollutant	Unit of measure	Pollutant Limit	Date Measured	Date data obtained	Date data published	No. of samples required by licence	No. of samples collected and analysed	Highest sample value
Nitrogen Oxides	milligrams per cubic meter	350milligrams per cubic metre	01/10/14	01/10/14	25/11/14	1	1	100
Total Solid Particles	milligrams per cubic meter	50milligrams per cubic metre	01/10/14	01/10/14	25/11/14	1	1	2.8
Volatile Organic Compounds	milligrams per cubic meter	20milligrams per cubic metre	12/11/14	12/11/14	12/11/14	1	1	3.4

### Discharge & Monitoring Point 2 (West Flue Stack)

Pollutant	Unit of measure	Pollutant Limit	Date Measured	Date data obtained	Date data published	No. of samples required by licence	No. of samples collected and analysed	Highest sample value
Nitrogen Oxides	milligrams per cubic meter	350milligram s per cubic metre	01/10/14	01/10/14	25/11/14	1	1	12
Total Solid Particles	milligrams per cubic meter	50milligrams per cubic metre	01/10/14	01/10/14	25/11/14	1	1	8.8
Volatile Organic Compounds	milligrams per cubic meter	40milligrams per cubic metre	12/11/14	12/11/14	25/11/14	1	1	2.3

## Results November 2013

### Discharge & Monitoring Point 1 (East Flue Stack)

Pollutant	Unit of measure	Pollutant Limit	Date Measured	Date data obtained	Date data published	No. of samples required by licence	No. of samples collected and analysed	Highest sample value
Nitrogen Oxides	milligrams per cubic meter	350milligrams per cubic metre	22/10/13	22/10/13	06/11/13	1	1	130
Total Solid Particles	milligrams per cubic meter	50milligrams per cubic metre	22/10/13	22/10/13	06/11/13	1	1	5.8
Volatile Organic Compounds	milligrams per cubic meter	20milligrams per cubic metre	22/10/13	22/10/13	06/11/13	1	1	10

### Discharge & Monitoring Point 2 (West Flue Stack)

Pollutant	Unit of measure	Pollutant Limit	Date Measured	Date data obtained	Date data published	No. of samples required by licence	No. of samples collected and analysed	Highest sample value
Nitrogen Oxides	milligrams per cubic meter	350milligram s per cubic metre	22/10/13	22/10/13	06/11/13	1	1	13
Total Solid Particles	milligrams per cubic meter	50milligrams per cubic metre	22/10/13	22/10/13	06/11/13	1	1	7.3
Volatile Organic Compounds	milligrams per cubic meter	40milligrams per cubic metre	22/10/13	22/10/13	06/11/13	1	1	11

Location of monitored stacks on Jamestrong Packaging Milperra site



Milperra website posted information

