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|---|-----------------------------------|----------------------------------|
|  | Management Process15S--157 | |
| | Plant / Area: Milperra | Version: 4.0 |
| | Version Date: 25/05/2023 | Review Due: 10/04/2024 |
| | Author: Sai Gollapudi | Approver: Wayne Handfield |
| | Original ID #: 41706 | Page 1 of 13 |
| Milperra website posted information | | |

Air Monitoring

16th MAY 2023

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

| | |
|-------------------------|--|
| EPA Licence No | 20054 |
| Licensee Name | JAMESTRONG PACKAGING AUSTRALIA PTY LTD |
| Premises Name | Jamestrong Packaging Metal - Milperra |
| Licensee Address | 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 |

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 | 350milligrams 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 |


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 | 350milligrams 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 |

| | | |
|---|-----------------------------------|----------------------------------|
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| | Original ID #: 41706 | Page 4 of 13 |
| Milperra website posted information | | |

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 | 350milligram s 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 | 350milligrams 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 | 350milligrams 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

