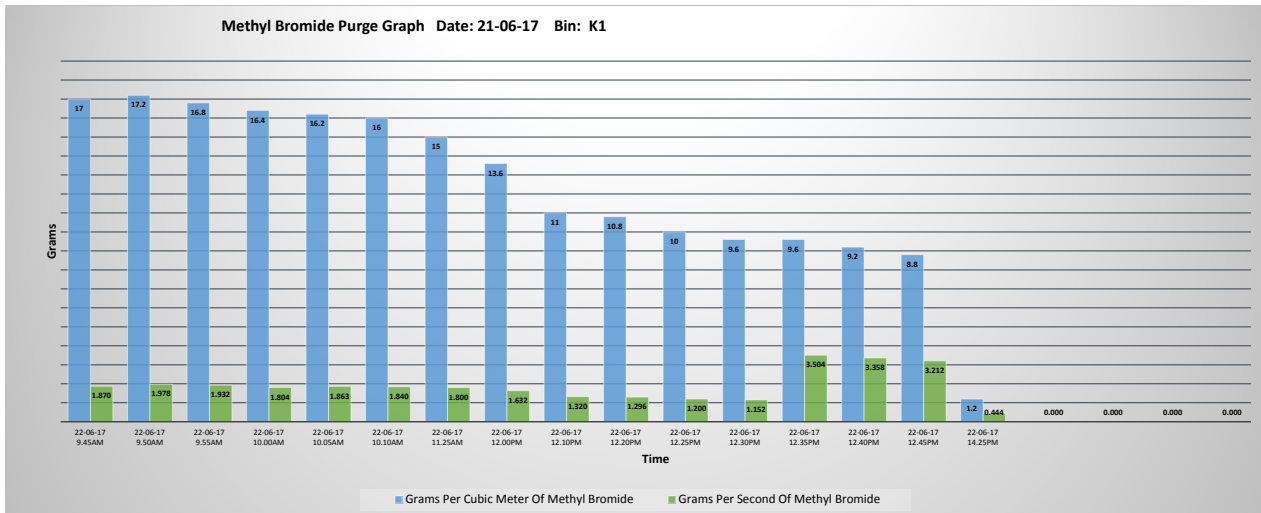


EPL Number: 1296
 EPL Holder: GRAINCORP OPERATIONS LIMITED
 EPL Name Of Facility: NEWCASTLE GRAIN TERMINAL, DENISON STREET, CARRINGTON NSW 2294
 EPL Website Link: <http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=1296&id=1296&option=licence&searchrange=licence&range=POEO licence&prp=no&status=issued>

Monitoring Frequency: Every Fumigation
 Date Published: "Originally published 10/07/2017, revised 01/03/2018"



| Grams Per Cubic Meter Greater Than 10g/m³ | Grams Per Second | Sample Time | Volumetric Flow Rate (Metres³ per second) | Fumigator | The maximum fumigation concentration rate in silo must not exceed: 20g/m³ of Methyl Bromide; Compliance Yes/No | The maximum velocity from vent stack during ventilation must not exceed: 0.13 metres³ per second of Methyl Bromide; Compliance Yes/No |
|---|------------------|------------------|---|-------------|--|---|
| 17 | 1.870 | 22-06-17 9:45AM | 0.11 | Tom Brown | Yes | Yes |
| 17.2 | 1.978 | 22-06-17 9:50AM | 0.115 | Jason Neill | Yes | Yes |
| 16.8 | 1.932 | 22-06-17 9:55AM | 0.115 | | Yes | Yes |
| 16.4 | 1.804 | 22-06-17 10:00AM | 0.11 | | Yes | Yes |
| 16.2 | 1.863 | 22-06-17 10:05AM | 0.115 | | Yes | Yes |
| 16 | 1.840 | 22-06-17 10:10AM | 0.115 | | Yes | Yes |
| 15 | 1.800 | 22-06-17 11:25AM | 0.12 | | Yes | Yes |
| 13.6 | 1.632 | 22-06-17 12:00PM | 0.12 | | Yes | Yes |
| 11 | 1.320 | 22-06-17 12:10PM | 0.12 | | Yes | Yes |
| 10.8 | 1.296 | 22-06-17 12:20PM | 0.12 | | Yes | Yes |

The fields below are to be only used when the concentration level in the silo being purged get to 10g/m³ or less

| Grams Per Cubic Meter Less Than 10g/m³ | Grams Per Second | Sample Time | Volumetric Flow Rate (Metres³ per second) | Fumigator | The maximum fumigation concentration rate in silo must not exceed: 10g/m³ of Methyl Bromide; Compliance Yes/No | The maximum velocity from vent stack during ventilation must not exceed: 0.495 metres³ per second of Methyl Bromide; Compliance Yes/No |
|--|------------------|------------------|---|-----------|--|--|
| 10 | 1.200 | 22-06-17 12:25PM | 0.12 | | Yes | Yes |
| 9.6 | 1.152 | 22-06-17 12:30PM | 0.12 | | Yes | Yes |
| 9.6 | 3.504 | 22-06-17 12:35PM | 0.365 | | Yes | Yes |
| 9.2 | 3.358 | 22-06-17 12:40PM | 0.365 | | Yes | Yes |
| 8.8 | 3.212 | 22-06-17 12:45PM | 0.365 | | Yes | Yes |
| 1.2 | 0.444 | 22-06-17 14:25PM | 0.37 | | Yes | Yes |
| | 0.000 | | | | Yes | Yes |
| | 0.000 | | | | Yes | Yes |
| | 0.000 | | | | Yes | Yes |
| | 0.000 | | | | Yes | Yes |

| Quantity Of Fumigant Used | Quantity Of Grain (Tonnes) | Date Of Fumigation | Time Of Fumigation | Exposure Time (Hours) |
|---------------------------|----------------------------|--------------------|----------------------|---------------------------------|
| 64kg | 1671 | 21/06/2017 | 9.45am | 24 |
| Vent Stack Used | Start Ventilation | stop Ventilation | complete Ventilation | Duration Of Ventilation (Hours) |
| Vent stack 1 | 22/06/2017 9.45AM | 22-06-17 14.30PM | | 53.1 |
| | 23-06-17 20.00PM | 24-06-17 13.20PM | | |