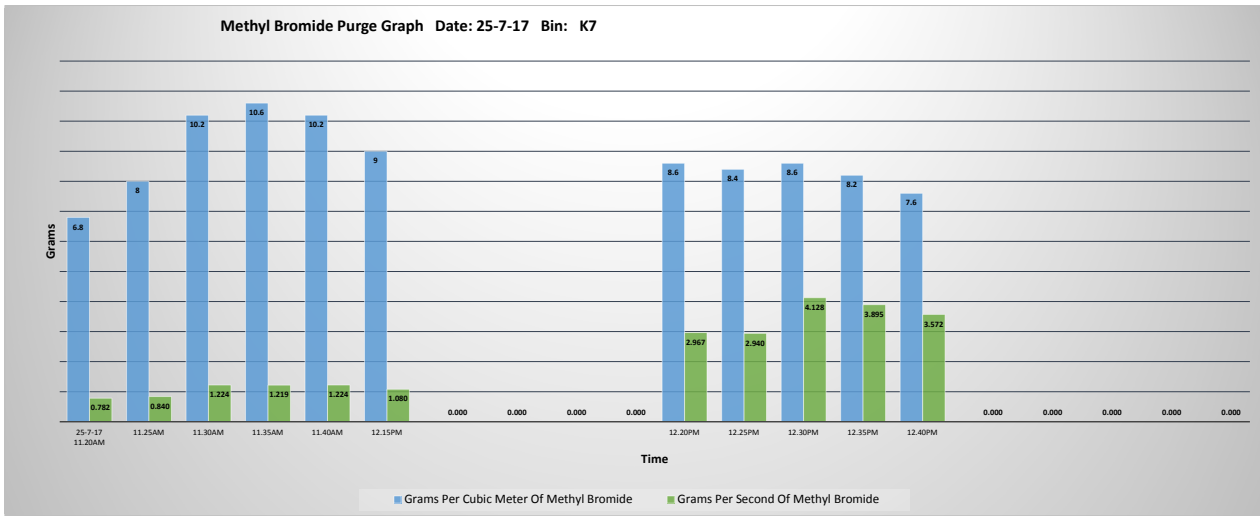


EPL Number: 1296
 EPL Holder: GRAINCORP OPERATIONS LIMITED
 EPL Name Of Facility: NEWCASTLE GRAIN TERMINAL, DENISON STREET, CARRINGTON NSW 2294
 EPL Website Link: <http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=1296&id=1296&option=licence&searchrange=licence&range=POEO licence&prp=no&status=issued>
 Monitoring Frequency: Every Fumigation
 Date Published: "Originally published 04/08/2017, revised 01/03/2018"



| Grams Per Cubic Meter Greater Than 10g/m ³ | Grams Per Second | Sample Time | Volumetric Flow Rate (Metres ³ per second) | Fumigator | The maximum fumigation concentration rate in silo must not exceed: 20g/m ³ of Methyl Bromide; Compliance Yes/No | The maximum velocity from vent stack during ventilation must not exceed: 0.13 metres ³ per second of Methyl Bromide; Compliance Yes/No |
|---|------------------|-----------------|---|----------------|--|---|
| 6.8 | 0.782 | 25-7-17 11.20am | 0.115 | Jason Neill | Yes | Yes |
| 8 | 0.840 | 11.25am | 0.105 | Paul Cowling | Yes | Yes |
| 10.2 | 1.224 | 11.30am | 0.12 | Paul Carpenter | Yes | Yes |
| 10.6 | 1.219 | 11.35am | 0.115 | | Yes | Yes |
| 10.2 | 1.224 | 11.40am | 0.12 | | Yes | Yes |
| 9 | 1.080 | 12.15pm | 0.12 | | Yes | Yes |
| | 0.000 | | | | Yes | Yes |
| | 0.000 | | | | Yes | Yes |
| | 0.000 | | | | Yes | Yes |
| | 0.000 | | | | 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/m ³ | Grams Per Second | Sample Time | Volumetric Flow Rate (Metres ³ per second) | Fumigator | The maximum fumigation concentration rate in silo must not exceed: 10g/m ³ of Methyl Bromide; Compliance Yes/No | The maximum velocity from vent stack during ventilation must not exceed: 0.495 metres ³ per second of Methyl Bromide; Compliance Yes/No |
|--|------------------|-------------|---|-----------|--|--|
| 8.6 | 2.967 | 12.20pm | 0.345 | | Yes | Yes |
| 8.4 | 2.940 | 12.25pm | 0.35 | | Yes | Yes |
| 8.6 | 4.128 | 12.30pm | 0.48 | | Yes | Yes |
| 8.2 | 3.895 | 12.35pm | 0.475 | | Yes | Yes |
| 7.6 | 3.572 | 12.40pm | 0.47 | | 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 | 1796 | 24/07/2017 | 9.59am | 24.75 |
| Vent Stack Used | Start Ventilation | stop Ventilation | complete Ventilation | Duration Of Ventilation (Hours) |
| Vent stack 1 | 25-7-17 11.20am | 26-7-17 9.50am | 28/07/2017 | 25.5 |
| | 28-7-17 8.00am | 28-7-17 11.00am | | |