

April 2017 - Carrington Grain Terminal Monitoring Summary Report

The following Newcastle Grain Terminal monthly monitoring summary report has been prepared by GrainCorp in accordance with Section 66 of the *Pollution of the Environment Operations Act 1997*. Monitoring data shared with the public on the website includes that collected as part of the Environmental Protection Licence (EPL) for the Newcastle Grain Terminal site. Monthly monitoring summaries are completed on the last day of any given month for the data collected.

Report contents

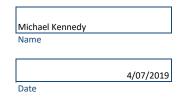
Section A. Map of Newcastle Grain Terminal and the location of sampling points as per the Environmental Protection Licence

Section B. Newcastle Grain Terminal fumigation emissions monitoring (Sampling Point 2)	Monitoring triggered in this period	Yes	No
	and summarised in report?	see Section B	has not been included in report

Site details

EPL Number	1296
Licensee Name	GrainCorp Operations Limited
Address	Newcastle Grain Terminal
EPL Public Register Link	https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=1296&id=1296&option=licence&searchrange=licence⦥=POEO%20licence&prp=no&status=Issued

Technical Reviewer



Date published to website

4/07/2019 Date



A. Sampling points as per EPL - Newcastle Grain Terminal

Environment Protection licence (EPL) Monitoring Locations

Point	Location at Newcastle Grain Terminal				
2	Discharge from the vent stack fumigation chamber located at the northern-most grain silos				

B. GrainCorp - Newcastle fumigant ventilation monitoring data summary: April 2017

All air monitoring has been conducted in accordance with the methodology prescribed or a methodology approved in writing with NSW EPA.

Monitoring frequency: Continuous during every ventilation

No. of ventilation events during month: 1

Sampling date		Sampler (fumigator)	Re	Result			Manitaring naint	Fuendamen
(start of ventilation event) & silo vented	Pollutant (discharged to air)		Min. value	Max. value	100 percentile (allowable)	Units of measure	Monitoring point location	Exceedance (yes/no)
12/04/2017	Scenario 1							
Silo G7						grams per cubic		
	Methyl bromide	G. Gazzard	N/A	1.4	10	meter	Point 2	No
		G. Gazzard				meters cubed/		
	Volumetric flow rate		0.14	0.145	0.494	second	Point 2	No
	Scenario 2 - Not Applicable							
						grams per cubic		
	Methyl bromide		-	-	19.4	meter	-	-
		-				meters cubed/		
	Volumetric flow rate		-	-	0.17	second	-	-

MONITORING NOTES:

Scenario 1 is defined as having a fumigation concentration of 10 grams per cubic meter and a one hour initial ventilation period Scenario 2 is defined as having a fumigation concentration of 19.4 grams per cubic meter and a three hour initial ventilation period