



March 2026 - 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
and summarised in report?

Yes
see Section B

No
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&range=POEO%20licence&prp=no&status=Issued

Technical Reviewer

E. Stephens
Name

10/04/2026
Date

Date published to website

16/04/2026
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- March 26

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 event

No. of ventilation events during month: 12

Sampling date (Start of ventilation event) and site number	Pollutant (Discharged to air)	Sampler / Parameter	Results		Limit (100 percentile (allowable))	Units of measure	Monitoring point location	Exceedance level(s)	
			Min. value	Max. value					
02-05-26	Methyl bromide	C Corrosion A Density	1.8	5.8	30	grams per cubic meter	Point 2	0%	
			Volumetric flow rate	0.314	0.361	0.404	meters cubed/second	Point 2	0%
Scenario 2	Methyl bromide				19.4	grams per cubic meter	Point 2	-	
			Volumetric flow rate			0.17	meters cubed/second	Point 2	-
03-05-26	Methyl bromide	A Density F Flow	6.2	7.4	30	grams per cubic meter	Point 2	0%	
			Volumetric flow rate	0.235	0.236	0.404	meters cubed/second	Point 2	0%
Scenario 2	Methyl bromide				19.4	grams per cubic meter	Point 2	-	
			Volumetric flow rate			0.17	meters cubed/second	Point 2	-
02-08-26	Methyl bromide	F Flow C Corrosion	0.4	7.6	30	grams per cubic meter	Point 2	0%	
			Volumetric flow rate	0.192	0.189	0.404	meters cubed/second	Point 2	0%
Scenario 2	Methyl bromide				19.4	grams per cubic meter	Point 2	-	
			Volumetric flow rate			0.17	meters cubed/second	Point 2	-
03-03-26	Methyl bromide	A Density F Flow	1.8	4.4	30	grams per cubic meter	Point 2	0%	
			Volumetric flow rate	0.383	0.387	0.404	meters cubed/second	Point 2	0%
Scenario 2	Methyl bromide				19.4	grams per cubic meter	Point 2	-	
			Volumetric flow rate			0.17	meters cubed/second	Point 2	-
04-19-26	Methyl bromide	C Corrosion A Density	1.8	6.4	30	grams per cubic meter	Point 2	0%	
			Volumetric flow rate	0.48	0.477	0.404	meters cubed/second	Point 2	0%
Scenario 2	Methyl bromide				19.4	grams per cubic meter	Point 2	-	
			Volumetric flow rate			0.17	meters cubed/second	Point 2	-
02-12-26	Methyl bromide	C Corrosion A Density	1.8	7.6	30	grams per cubic meter	Point 2	0%	
			Volumetric flow rate	0.411	0.406	0.404	meters cubed/second	Point 2	0%
Scenario 2	Methyl bromide				19.4	grams per cubic meter	Point 2	-	
			Volumetric flow rate			0.17	meters cubed/second	Point 2	-
03-18-26	Methyl bromide	S Corrosion F Flow	0.1	7.6	30	grams per cubic meter	Point 2	0%	
			Volumetric flow rate	0.38	0.38	0.404	meters cubed/second	Point 2	0%
Scenario 2	Methyl bromide				19.4	grams per cubic meter	Point 2	-	
			Volumetric flow rate			0.17	meters cubed/second	Point 2	-
04-19-26	Methyl bromide	S Corrosion F Flow	0.2	6.4	30	grams per cubic meter	Point 2	0%	
			Volumetric flow rate	0.146	0.146	0.404	meters cubed/second	Point 2	0%
Scenario 2	Methyl bromide				19.4	grams per cubic meter	Point 2	-	
			Volumetric flow rate			0.17	meters cubed/second	Point 2	-
07-23-26	Methyl bromide	C Corrosion F Flow	1	7.6	30	grams per cubic meter	Point 2	0%	
			Volumetric flow rate	0.421	0.412	0.404	meters cubed/second	Point 2	0%
Scenario 2	Methyl bromide				19.4	grams per cubic meter	Point 2	-	
			Volumetric flow rate			0.17	meters cubed/second	Point 2	-
03-23-26	Methyl bromide	F Corrosion S Corrosion	0.8	1.6	30	grams per cubic meter	Point 2	0%	
			Volumetric flow rate	0.271	0.273	0.404	meters cubed/second	Point 2	0%
Scenario 2	Methyl bromide				19.4	grams per cubic meter	Point 2	-	
			Volumetric flow rate			0.17	meters cubed/second	Point 2	-
03-31-26	Methyl bromide	C Corrosion F Flow	2.4	6.4	30	grams per cubic meter	Point 2	0%	
			Volumetric flow rate	0.375	0.375	0.404	meters cubed/second	Point 2	0%
Scenario 2	Methyl bromide				19.4	grams per cubic meter	Point 2	-	
			Volumetric flow rate			0.17	meters cubed/second	Point 2	-
03-31-26	Methyl bromide	C Corrosion F Flow	2.5	8.2	30	grams per cubic meter	Point 2	0%	
			Volumetric flow rate	0.373	0.374	0.404	meters cubed/second	Point 2	0%
Scenario 2	Methyl bromide	C Corrosion F Flow	10	18	19.4	grams per cubic meter	Point 2	0%	
			Volumetric flow rate	0.183	0.181	0.17	meters cubed/second	Point 2	0%

MONITORING NOTES:
Scenario 1 is defined as having a fumigant concentration of 10 grams per cubic meter and a one-hour initial ventilation period.
Scenario 2 is defined as having a fumigant concentration of 19.4 grams per cubic meter and a three-hour initial ventilation period.