



March 2025 - 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?	<input checked="" type="checkbox"/> Yes see Section B	<input type="checkbox"/> No has not been included in report
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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

Name
Date

Date published to website

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

8. GrainCorp - Newcastle fumigant ventilation monitoring data summary: March 2025

All air monitoring has been conducted in accordance with the methodology presented in a methodology approved in writing with the relevant regulatory authority. Certified fumigant air monitoring.

No. of ventilation events during month: 20

Sampling date (start and end times) (start and end times)	Publication/Storage to aid (Publication/Storage to aid)	Sample (Sample)	Temp		Humidity (Relative Humidity)	Wind of direction (Wind of direction)	Direction (Wind direction)	Frequency (Per 24h)
			Min value	Max value				
03/01/2025	Fumigation 6	Initial	18	14	71	SW	SW	0
		Final	18	14	71	SW	SW	0
		Min	18	14	71	SW	SW	0
		Max	18	14	71	SW	SW	0
		Average	18	14	71	SW	SW	0
03/02/2025	Fumigation 6	Initial	18	14	71	SW	SW	0
		Final	18	14	71	SW	SW	0
		Min	18	14	71	SW	SW	0
		Max	18	14	71	SW	SW	0
		Average	18	14	71	SW	SW	0
03/03/2025	Fumigation 6	Initial	18	14	71	SW	SW	0
		Final	18	14	71	SW	SW	0
		Min	18	14	71	SW	SW	0
		Max	18	14	71	SW	SW	0
		Average	18	14	71	SW	SW	0
03/04/2025	Fumigation 6	Initial	18	14	71	SW	SW	0
		Final	18	14	71	SW	SW	0
		Min	18	14	71	SW	SW	0
		Max	18	14	71	SW	SW	0
		Average	18	14	71	SW	SW	0
03/05/2025	Fumigation 6	Initial	18	14	71	SW	SW	0
		Final	18	14	71	SW	SW	0
		Min	18	14	71	SW	SW	0
		Max	18	14	71	SW	SW	0
		Average	18	14	71	SW	SW	0
03/06/2025	Fumigation 6	Initial	18	14	71	SW	SW	0
		Final	18	14	71	SW	SW	0
		Min	18	14	71	SW	SW	0
		Max	18	14	71	SW	SW	0
		Average	18	14	71	SW	SW	0
03/07/2025	Fumigation 6	Initial	18	14	71	SW	SW	0
		Final	18	14	71	SW	SW	0
		Min	18	14	71	SW	SW	0
		Max	18	14	71	SW	SW	0
		Average	18	14	71	SW	SW	0
03/08/2025	Fumigation 6	Initial	18	14	71	SW	SW	0
		Final	18	14	71	SW	SW	0
		Min	18	14	71	SW	SW	0
		Max	18	14	71	SW	SW	0
		Average	18	14	71	SW	SW	0
03/09/2025	Fumigation 6	Initial	18	14	71	SW	SW	0
		Final	18	14	71	SW	SW	0
		Min	18	14	71	SW	SW	0
		Max	18	14	71	SW	SW	0
		Average	18	14	71	SW	SW	0
03/10/2025	Fumigation 6	Initial	18	14	71	SW	SW	0
		Final	18	14	71	SW	SW	0
		Min	18	14	71	SW	SW	0
		Max	18	14	71	SW	SW	0
		Average	18	14	71	SW	SW	0
03/11/2025	Fumigation 6	Initial	18	14	71	SW	SW	0
		Final	18	14	71	SW	SW	0
		Min	18	14	71	SW	SW	0
		Max	18	14	71	SW	SW	0
		Average	18	14	71	SW	SW	0
03/12/2025	Fumigation 6	Initial	18	14	71	SW	SW	0
		Final	18	14	71	SW	SW	0
		Min	18	14	71	SW	SW	0
		Max	18	14	71	SW	SW	0
		Average	18	14	71	SW	SW	0

Methodology notes:
 Humidity is defined as being a humidity concentration of 70g/m³ per cubic meter and a one hour initial ventilation period.
 Humidity is defined as being a humidity concentration of 20g/m³ per cubic meter and a three hour initial ventilation period.