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3/07/2025

June 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.

website includes that concered as part of the Entholise that rotation determined size includes that concered on the last day of any given monthly included the concered.							
Report contents	_						
Section A. Map of Newcastle	e Grain Terminal and the location of sampling p	oints as per the Environmental Protection					
		Monitoring triggered in this period and summarised in report?	✓ Yes see Section B	☐ No has not been included in report			
Section B. Newcastle Grain Terminal fumigation emissions monitoring (Sampling Point 2)			and summarised in reports	see Section B	nas not been included in report		
Site details EPL Number Licensee Name Address EPL Public Register Link	1296 GrainCorp Operations Limited Newcastle Grain Terminal https://apps.epa.nsw.gov.au/prpoeoapp/De	tail.aspx?instid=1296&id=1296&option=licen	ice&searchrange=licence⦥=POEO%20lice	ence&prp=no&status=Issued			
Technical Reviewer	_						
	M.Anderton						
	Name						
	3/07/2025						
	Date						

A. Sampling points as per EPL - Newcastle Grain Terminal

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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 furnigant ventilation monitoring data summany; June 2025
All ar monitoring has been conducted in azorderou with the methodology proceded or a methodology approach in writing with XSM EDA.

Machine Sequence: Conference during early smill discin

No. of ventilation exists disring early. Sequence: Sequence (Sequence).

No. of weedlation events during month:									
Sampling date (start of ventilation		Sampler	Result Limit				Monitoring	Ferendance	
(start of ventilation event) and silo number	Pollutant (discharged to air)	Sampler (fumigator)	Min. value	Max. value	100 percentile (allowable)	Units of measure	Monitoring point location	(yes/no)	
minut									
	Sornanio I								
	Methyl bromide					grams per cubic meter	Point 2	no	
	Volumetric flow rate					meters cubed/second	Point 2	no	
	Scenario 2								
	Methyl bromide			-		arams per cubic meter	Point 2	-	
	Volumetric flow rate					meters cubed/second	Point 2		
	Scenario I			,					
	Methyl bromide					grams per cubic meter	Point 2	no	
	Volumetric flow rate					meters cubed/ second	Point 2	no	
	Scenario 2								
	3/07/2025					grams per cubic meter	Point 2		
	Volumetric flow rate					meters cubed/second			
	Somania I					Timent Cooley McDille	rum 2		
	Methyl bromide					grams per cubic meter	Point 2	no	
	3/07/2025					meters cubed/second	Point 2	no	
	Scenario 2								
	Methyl bromide	-	-			erams per cubic meter	Point 2	-	
	Volumetric flow rate			-		meters cubed/ second	Point 2		
	Scenario I								
	Methyl bromide					grams per cubic meter	Point 2	no	
	Volumetric flow rate					meters cubed/second		no	
	Somania 2								
	Methyl bromide					grams per cubic meter	Point 2		
	Volumetric flow rate					meters cubed/ second	Point 2		
	Somanio I								
	Methyl bromide								
						meters robed/second	Point 2	no	
	Volumetric flow rate					meters cubed/ second	Point 2	no	
	Scenaria 2								
	Methyl bromide	-	-	-		erams per cubic meter	Point 2		
	Volumetric flow rate		-			meters cubed/ second	Point 2		
	Scenario I								
	Methyl bromide					arams per cubic meter	Point 2	no	
	Volumetric flow rate					meters cubed/ second	Point 2	no	
	Scenario 2						_		
	Methyl bromide					grams per cubic meter	Point 2		
	Volumetric flow rate					meters cubed/ second	Point 2		
	Scenario I								
	Methyl bromide					grams per cubic meter	Point 2	no	
	Volumetric flow rate					meters cubed/second	Point 2		
	Scenario 2								
	Methyl bromide					erams per cubic meter	Pariet C		
	Methyl bromide Volumetric flow rate					meters cubed/second	Point 2		
			-		-	menen cubed/second	Point 2	<u> </u>	
	Scenario I								
	Methyl bromide					arams per cubic meter	Point 2	no	
	Volumetric flow rate					meters cubed/ second	Point 2	no	
	Scenario 2								
	Methyl bromide	-	-			erams per cubic meter	Point 2	-	
	Volumetric flow rate					meters cubed/ second	Point 2		
-	Phosphine		N/A		73	parts per million	Point 2		
	Phosphine					parts per million			
			N/A N/A			parts per million			
			N/A			parts per million			
	Phosphine		N/A		73	parts per million	Point 2		

MONITORING NOTES.

Scenario 1 is defined as having a furrigation concentration of 10 grams per cubic meter and a one hour initial ventilation period Scenario 2 is defined as having a furrigation concentration of 10.4 grams per cubic meter and a three-hour initial ventilation period