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4/06/2025

May 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 confected as part of the chynolinental Protection Electic (EPL) for the Newcastie Grain Ferminal site. Monthly monitoring summaries are completed on the last day of any given month for the data confected.								
Report contents	_							
Section A. Map of Newcastle Licence	Grain Terminal and the location of sampling points as per the Environmental Protection							
Section B. Newcastle Grain T	erminal 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 Licensee Name	1296 GrainCorp Operations Limited							
Address EPL Public Register Link	Newcastle Grain Terminal https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=1296&id=1296&option=licence	ce&searchrange=licence⦥=POEO%20lic	ence&prp=no&status=Issued					
Technical Reviewer	<u>-</u>							
	M.Anderton Name							
	4/06/2025							
	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 furnigant ventilation monitoring data summary; May 2025
 All ar monitoring has been conducted in azorderou with the methodology provided or a methodology approved in writing with XSM EDA.
 Machine Symposis. Conference during very smillidizin
 No. of ventilation results during content.

Sampling date (start of ventilation event) and silo number								
	Pollutant (discharged to air)	Sampler (fumigator)	Min. value	Max. value	Limit 100 percentile (allowable)	Units of measure	Monitoring point location	Exceedance (yes/no)
J3 01-05-25	Scenario I							
	Methyl bromide	C Corcoran G Fryer		3.6	10		Decise 2	
	Volumetric flow rate		0.346	9,347	0.494	meters cubed/ second	Point 2	no
	Scenario 2							
	Methyl bromide				19.4	grams per cubic meter	Point 2	-
	Volumetric flow rate					meters cubed/ second		
						INCOME CODED INCOME	Poin 2	
17 29-04-25	Scenario I	G Fryer C						
	Methyl bromide	Corcoran	2	5	10	grams per cubic meter	Point 2	no
	Volumetric flow rate		0.411	0.42	0.494	meters cubed/second	Point 2	no
					•	•		
	Scimanio 2							
	Methyl bromide	-	-	-	19.4	grams per cubic meter	Point 2	-
	Volumetric flow rate				0.17	meters cubed/ second	Point 2	
H1 07-05-25	Scimanio I							
W1 07-05-25			1.6		10			
	Methyl bromide	J Neill G Freer		8.6	10	erams per cubic meter	Point 2	no
	Volumetric flow rate		0.161	0.141	0.494	meters cubed/second	Point 2	no
l	Scenario 2							
1	Methyl bromide				19.4	grams per cubic meter	Pojet 2	
l								
	Volumetric flow rate				0.17	meters cubed/ second	Point 2	
HS 10-05-25	Scenario I							
1	Methyl bromide	J Neill G Freer	1.6	6.8	10	arams per cubic meter	Point 2	no
1	Volumetric flow rate		0.32	0.302	0.494	meters cubed/ second	Point 2	
1								
1	Scenario 2							
1	Methyl bromide	-		18.2	19.4	erams per cubic meter	Point 2	-
	Volumetric flow rate		0.167	0.166	0.17	meters cubed/ second	Point 2	
J1 01-05-25	Sormania I							
		C Corcoran G Front						
	Methyl bromide	Front	0.8	4.6	10	grams per cubic meter	Point 2	no
	Volumetric flow rate		0.287	0.29	0.494	meters cubed/second	Point 2	no
	Scimania 2							
	Methyl bromide				19.4		Decises 2	
						Traini Car Cook Hatta	Form 2	
	Volumetric flow rate				0.17	meters cubed/ second	Point 2	-
	Scenario I				1	ı		
	Methyl bromide				10	grams per cubic meter	Point 2	no
	Volumetric flow rate				0.494	meters cubed/ second	Point 2	no
	Volumetric flow rate Scenario 2				0.494	meters cubed/second		no
		-	_		0.494	meters cubed/second		no -
	Scenario 2	-		-		meters cubed/ second grams per cubic meter meters cubed/ second	Point 2	
	Scenario 2 Methyl bromide	-			19.4	meters cubed/second grams per cubic meter meters cubed/second	Point 2	-
	Scenario 2 Methyl bromide Volumetric flow rate Scenario 1	-	-	-	19.4	grams per cubic meter meters cubic/ second	Point 2	
	Scenario 2 Methyl bromide Volumetric flow rate Scenario I Methyl bromide		-	-	19.4	grams per cubic meter meters cubed/ second	Point 2	
	Scenario 2 Methyl bromide Volumetric flow rate Scenario 1		-		19.4	grams per cubic meter meters cubed/ second grams per cubic meter meters cubed/ second	Point 2	
	Scenario 2 Methyl bromide Volumetric flow rate Scenario I Methyl bromide				19.4	grams per cubic meter meters cubed/second grams per cubic meter meters cubed/second	Point 2	
	Scenario 2 Mathyl bromide Volumetric flow rate Scenario 2 Methyl bromide Volumetric flow rate Scenario 2 Scenario 2	-			12.4 0.17	maters cubed/ second grams per cubic mater maters cubed/ second grams per cubic mater maters cubed/ second	Point 2	
	Scenario 2 Methyl bromide Volumetric flow rate Scenario 2 Methyl bromide Volumetric flow rate Scenario 2 Methyl bromide Scenario 2 Methyl bromide	-	-		12.4 0.17 10 0.494	erems per cubic meter meters cubed/ second	Point 2	
	Correctio 2 Marthyl Insurelde Volumentels: Four rate Correctio 2 Marthyl Insurelde Volumentels: Four rate Generatio 2 Marthyl Insurelde Volumentels: Four rate Generatio 2 Marthyl Insurelde				12.4 0.17	maters cubed/ second grams per cubic mater maters cubed/ second stans see cubic mater maters cubed/ second grams see cubic mater maters cubed/ second	Point 2	
	Scenario 2 Methyl bromide Volumetric flow rate Scenario 2 Methyl bromide Volumetric flow rate Scenario 2 Methyl bromide Scenario 2 Methyl bromide	-	-		12.4 0.17 10 0.494	erems per cubic meter meters cubed/ second	Point 2	
	Correctio 2 Marthyl Insurelde Volumentels: Four rate Correctio 2 Marthyl Insurelde Volumentels: Four rate Generatio 2 Marthyl Insurelde Volumentels: Four rate Generatio 2 Marthyl Insurelde			-	12.4 0.17 10 0.494	erems per cubic meter meters cubed/ second	Point 2	
	Economic 2 Welling the broader Welling the control Welling the control Score and the control Welling the cont				12.4 0.17 10 0.494 13.4 0.17	maters cubed/ second stems are cubic mater. maters cubed/ second exams are cubic mater maters cubed/ second exams are cubic mater.	Point 2	ne n
	Secretor 2 Metalya Instruction Volumentale flow rate Secretor 2 Metalya Instruction Metalya Instruction Volumentale flow rate Secretor 2 Metalya Instruction Volumentale flow rate Secretor 2 Metalya Instruction Volumentale flow rate Volumentale flow rate Volumentale flow rate				19.4 0.17 10 0.494 12.4 0.17	maten cubed/second erams ser cubic meter maten cubed/second erams ser cubic meter maten cubed/second	Point 2	
	Months of Security Models of Security Volumental Security Months Securi		-		19.4 0.17 10 0.694 19.4 0.17	meters cubed/second arams ser cubic maters meters cubed/second arams ser cubic maters meters cubed/second years ser cubic maters maters cubed/second	Point 2	80 80 80 80
	Secretor 2 Metalya Instruction Volumentale flow rate Secretor 2 Metalya Instruction Metalya Instruction Volumentale flow rate Secretor 2 Metalya Instruction Volumentale flow rate Secretor 2 Metalya Instruction Volumentale flow rate Volumentale flow rate Volumentale flow rate				12.4 0.17 10 0.494 13.4 0.17	maters cubed/ second stems are cubic mater. maters cubed/ second exams are cubic mater maters cubed/ second exams are cubic mater.	Point 2	no n
	Months of Security Models of Security Volumental Security Months Securi				19.4 0.17 10 0.694 19.4 0.17	melen subed/ second premiser subside second	Point 2	no n
	Sometra 2 Modelly bounded, from rate America 1 Modelly bounded, from rate America 2 Modelly bounded, from rate Sometra 2 Modelly bounded, from rate Sometra 2 Modelly bounded, from rate Sometra 3 Modelly bounded, from rate Sometra 3 Modelly bounded, from rate Sometra 3 Modelly bounded, from rate Sometra 2 Modelly bounded				12.4 0.37 10 0.694 13.4 0.37	meters cubed/second arams ser cubic maters meters cubed/second arams ser cubic maters meters cubed/second years ser cubic maters maters cubed/second	Point 2	
	Sometra 2 Modelly bounded, from rate America 1 Modelly bounded, from rate America 2 Modelly bounded, from rate Sometra 2 Modelly bounded, from rate Sometra 2 Modelly bounded, from rate Sometra 3 Modelly bounded, from rate Sometra 3 Modelly bounded, from rate Sometra 3 Modelly bounded, from rate Sometra 2 Modelly bounded				12.4 0.37 10 0.694 13.4 0.37	melen subed/ second premiser subside second	Point 2	
	Sometra 2 Modelly bounded, from rate America 1 Modelly bounded, from rate America 2 Modelly bounded, from rate Sometra 2 Modelly bounded, from rate Sometra 2 Modelly bounded, from rate Sometra 3 Modelly bounded, from rate Sometra 3 Modelly bounded, from rate Sometra 3 Modelly bounded, from rate Sometra 2 Modelly bounded				12.4 0.37 10 0.694 13.4 0.37	melen subed/ second premiser subside second	Point 2	
	Sometra 2 Modelly bounded, from rate America 1 Modelly bounded, from rate America 2 Modelly bounded, from rate Sometra 2 Modelly bounded, from rate Sometra 2 Modelly bounded, from rate Sometra 3 Modelly bounded, from rate Sometra 3 Modelly bounded, from rate Sometra 3 Modelly bounded, from rate Sometra 2 Modelly bounded	-			12.4 0.37 10 0.694 13.4 0.37	melen subed/ second premiser subside second	Point 2	
	Sometra 2 Modelly bounded, from rate America 1 Modelly bounded, from rate America 2 Modelly bounded, from rate Sometra 2 Modelly bounded, from rate Sometra 2 Modelly bounded, from rate Sometra 3 Modelly bounded, from rate Sometra 3 Modelly bounded, from rate Sometra 3 Modelly bounded, from rate Sometra 2 Modelly bounded		-		12.4 0.37 10 0.694 13.4 0.37	melen subed/ second premiser subside second	Point 2	no n
	Sometra 2 Modelly bounded, from rate America 1 Modelly bounded, from rate America 2 Modelly bounded, from rate Sometra 2 Modelly bounded, from rate Sometra 2 Modelly bounded, from rate Sometra 3 Modelly bounded, from rate Sometra 3 Modelly bounded, from rate Sometra 3 Modelly bounded, from rate Sometra 2 Modelly bounded				12.4 0.37 10 0.694 13.4 0.37	melen subed/ second premiser subside second	Point 2	
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JS 30-05-25	Commiss 2 White-marks fire are as commiss for a real commission f	Corcoran C Corcoran G Fryer			124 237 10 248 114 24 24 24 24 24 24 24 24 24 24 24 24 24	mater, ubed second posts, sec color, mater materia ubed second posts, sec color, materia posts, se	Point 2 Point 3 Point 3 Point 3 Point 4 Point 4 Point 4 Point 5 Point 5 Point 5 Point 5 Point 6 Point 6 Point 7 Point	
JS 30-05-25	Compris 2 Moderal broades Moderal broa	C Corcoran G Fryer	N/A		124 0.37 10 0.051 114 0.051 114 0.051 115 0.051 115 0.051 115 0.051 117 0.77	meters ubent seemed annes en oblik meter meters nitset seemed annes en oblik meter a	Point 2 Point 3	
JS 30-05-25	Commercia de Marcha Mercado de Cardo de	C Corcoran G Fryer	N/A N/A		194 0.37 10 0.651 134 517 10 0.651 114 0.37 12 17 12 17 13 17 14 17 15 17 17	maters uplend second annexes see colois maters maters related second annexes colois maters annexes colois maters annexes colois maters maters colois maters annexes colois maters annexes colois maters annexes colois annexes colois annexes a	Point 2 Point 2 Point 2 Point 2 Point 2 Point 2 Point 3 Point 4 Point 3 Point 5 Point 5 Point 5 Point 6 Point 7 Point	
JS 30-05-25	Commercia de Marcha Mercado de Cardo de	C Corcoran G Fryer	N/A N/A		194 0.37 10 0.651 134 517 10 0.651 114 0.37 12 17 12 17 13 17 14 17 15 17 17	meters ubent seemed annes en oblik meter meters nitset seemed annes en oblik meter a	Point 2 Point 2 Point 2 Point 2 Point 2 Point 2 Point 3 Point 4 Point 3 Point 5 Point 5 Point 5 Point 6 Point 7 Point	
JS 30-05-25	Commercia de Marcha Mercado de Cardo de	C Corcoran G Fryer	N/A N/A		194 0.37 10 0.651 134 517 10 0.651 114 0.37 12 17 12 17 13 17 14 17 15 17 17	maters uplend second annexes see colois maters maters related second annexes colois maters annexes colois maters annexes colois maters maters colois maters annexes colois maters annexes colois maters annexes colois annexes colois annexes a	Point 2 Point 2 Point 2 Point 2 Point 2 Point 2 Point 3 Point 4 Point 3 Point 5 Point 5 Point 5 Point 6 Point 7 Point	

AGOSTORIUS UCTES
Comercia 1 definede a having a furrigation concentration of 10 gaves per cubic meter and a one hour initial westilation period
Comercia 2 defined as having a furrigation concentration of 104 grams per cubic meter and a three hour initial ventilation period