

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**

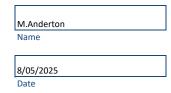
Section A. Map of Newcastle Grain Terminal and the location of sampling points as per the Environmental Protection Licence

	Monitoring triggered in this period	✓ Yes	🗌 No
Section B. Newcastle Grain Terminal fumigation emissions monitoring (Sampling Point 2)	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	$https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=1296&id=1296&option=licence&searchrange=licence⦥=POEO%20licence&prp=no&status=lssued_product in the second status and the second statu$

#### **Technical Reviewer**



#### Date published to website



# 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 2025 soutced in accordance with the methodology prescribed or a methodology approved in writing with NSW EPA.

All air monitoring has been conducted in accordance teted in accordance with the methodology prescribed or a methodology Monitoring frequency: Continuous during every ventilation

	Monitoring frequency: No. of ventilation events during month:							
Sampling date (start of ventilation event) and silo number	Pollutant (discharged to air)	Sampler (fumigator)	R	esult	Limit 100 percentilo	Units of measure	Monitoring point	Exceedance
event) and silo number	Pointain (unchanged to an)	(fumigator)	Min. value	Max. value	100 percentile (allowable)	Units of measure	point location	( <b>yes/</b> no)
K1 01-04-25	Scenario 1							
	Methyl bromide	C Corcoran S Flanagan	2.4	5.8	10	grams per cubic meter	Point 2	no
	Volumetric flow rate		0.188	0.178	0.494	meters cubed/second	Point 2	no
	Scenario 2							
	Methyl bromide				19.4	erams per cubic meter	Point 2	
	Volumetric flow rate				0.17	meters cubed/second	Point 2	
K7 05-04-25	Scenario I							
K/ 05-04-25	Methyl bromide	A Donnelly C Corcoran	1.2	6.2	10	erams per cubic meter	Point 2	10
	Volumetric flow rate		0.389	0.369	0.494	meters cubed/second	Point 2	10
	Scenario 2							
	Methyl bromide				19.4	grams per cubic meter	Point 2	
	Volumetric flow rate				0.17	meters cubed/ second	Point 2	
1 11-04-25	Scenario 1							
	Methyl bromide	C Corcoran G Fryer	2.6	4	10	erams per cubic meter	Point 2	10
	Volumetric flow rate		0.227	0.225	0.494	meters cubed/second	Point 2	10
	Scenario 2							
	Methyl bromide				19.4	grams per cubic meter	Point 2	
	Volumetric flow rate				0.17	meters cubed/second		
3 11-04-25	Scenario 2				0.17	and a course second	, June 2	
	Methyl bromide	C Corcoran S Crozier		7.6	10	erams per cubic meter	Point 2	50
	Volumetric flow rate	-	0.35	0,347	0.434	meters cubed/second		
	Volumetric flow rate		- C6.9	w.44/	0.434		r sell i	no
	Scenario 2 Methyl bromide				19.4	anna an adur a	Bariat 7	
	Volumetric flow rate			·	0.17	meters cubed/second	Point 2	
63 05-04-25	Scenario 1	-	-		0.17	meters cuded/ second	Point 2	
53 03-04-25	Methyl bromide	A Donnelly C Corcoran	0.2	4.4	10	erams per cubic meter	Point 2	
	Volumetric flow rate	Corcoran	0.2		0.494	grams per cubic meter	Point 2	10
			0.189	0.192	0.494	meters cubed/second	Point 2	10
	Scenario 2				19.4		Pariat 2	
	Methyl bromide					grams per cubic meter	Point 2 Point 2	
	Volumetric flow rate				0.17	meters cubed/ second	Point 2	-
62 16-04-25	Scenario I	S Flanagan G		1	1	1		
1						erams per cubic meter		
	Methyl bromide	Freer			10		Font 2	
	Volumetric flow rate	Freer	0.09	0.09	0.494	meters cubed/second	Point 2	no
	Volumetric flow rate Scenario 2	free .	0.09	0.09	0.494	meters cubed/second		80
	Volumetric flow rate Scenario 2 Methyl bramide	Freer -	0.09	0.09	0.424		Point 2 Point 2	no -
	Volumetric flow rate Scenario 2 Methyl bromide Volumetric flow rate		-	0.09	0.494	meters cubed/second		-
	Volumetric flow rate Scenario 2 Methyl bromide Volumetric flow rate Scenario 1		-	0.09	0.494	meters cubed/second		-
	Volumetric flow rate Scenario 2 Methyl bromide Volumetric flow rate Scenario 2 Methyl bromide		-	0.09	0.494	meters cubed/second erams per cubic meter meters cubed/second erams per cubic meter	Point 2 Point 2 Point 2	-
	Volumetric Row rate Scremorio 2 Methyl branicle Volumetric Row rate Scremorio 1 Methyl branicle Volumetric Row rate		-	0.09	0.494	meters cubed/second	Point 2 Point 2 Point 2	- - - - -
	Volumetris (Row rate Scremario 2 Methyl branicle Volumetric (Row rate Scremario 1 Methyl branicle Volumetric (Row rate Scremario 2		-		0.494 19.4 0.17 10 0.494	msten: cubed/second erams per cubic meter msten: cubed/second erams per cubic meter meter: cubed/second	Paint 2 Paint 2 Paint 2 Paint 2 Paint 2	
	Volumetris, flow rate Genorice 2 Methyl kromide Volumetris, flow rate Genorice 2 Methyl kromide Volumetris, flow rate Genorice 2 Methyl kromide		-		0.494 19.4 9.17 10 0.494 19.4	meters cubed / second arises par cubic meter maters cubed / second prams par cubic meter meters cubed / second grams par cubic meter	Point 2 Point 2 Point 2 Point 2 Point 2	ne
	Volumetric flow rate Screeners 2 Methyd transide Volumetric flow rate Screeners 1 Methyd transide Volumetric flow rate Screener 2 Methyd transide Volumetric flow rate Volumetric flow rate		-		0.494 19.4 0.17 10 0.494	msten: cubed/second erams per cubic meter msten: cubed/second erams per cubic meter meter: cubed/second	Paint 2 Paint 2 Paint 2 Paint 2 Paint 2	no
	Volumetric flow rate Scenarce 2 Methyl forenide Volumetric flow rate Scenarce 2 Methyl forenide Volumetric flow rate Scenarce 2 Methyl forenide Volumetric flow rate Scenarce 2	free	-		0.494 19.4 0.17 10 0.494 19.4 0.17	meters cubed / second arises par cubic meter maters cubed / second prams par cubic meter meters cubed / second grams par cubic meter	Point 2 Point 2 Point 2 Point 2 Point 2	no 
	Valumetric flow rates Screenite 2 Valumetric flow rates Screenite 2 Mathyle foremide Valumetric flow rates Screenite 2 Mathyle foremide Valumetric flow rates Screenite 2 Mathyle foremide	Free .			0.494 19.4 0.17 10 0.494 19.4 0.17 19.4 19.4 19.4	meters cubed / second arises par cubic meter maters cubed / second prams par cubic meter meters cubed / second grams par cubic meter	Point 2 Point 2 Point 2 Point 2 Point 2	
	Volumetric flow rate Scenarce 2 Methyl forenide Volumetric flow rate Scenarce 2 Methyl forenide Volumetric flow rate Scenarce 2 Methyl forenide Volumetric flow rate Scenarce 2	free .			0.494 19.4 0.17 10 0.494 19.4 0.17	meters cubed / second arises par cubic meter maters cubed / second prams par cubic meter meters cubed / second grams par cubic meter	Point 2 Point 2 Point 2 Point 2 Point 2	10 10 10 10 10 10 10 10 10 10 10 10
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	Voluments frem star Andrey Voluments Werker Voluments Method brands Werker Voluments Method brands Voluments Method brands Method Voluments Method brands Method				0.094 18.4 0.17 19 0.094 18.4 0.17 19 0.094 18.4 0.17 10 0.094 18.4 19.4 19	matericabel second arem en cabel second matericabel second generative cabel second generative cabel second generative cabel second generative cabel second generative cabel second generative cabel second	Point 2 Point 2 Point 2 Point 2 Point 2 Point 2 Point 2 Point 2 Point 2 Point 2	80 
	Voluments frem star Andrey Voluments Werker Voluments Method brands Werker Voluments Method brands Voluments Method brands Method	Proof	2009 		0.094 18.4 0.17 19 0.094 18.4 0.17 19 0.094 18.4 0.17 10 0.094 18.4 19.4 19	matericabel second arem en cabel second matericabel second generative cabel second generative cabel second generative cabel second generative cabel second generative cabel second generative cabel second	Point 2 Point 2 Point 2 Point 2 Point 2 Point 2 Point 2 Point 2 Point 2 Point 2	
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	Voluments frem star Andrey Voluments Werker Voluments Method brands Werker Voluments Method brands Voluments Method brands Method		0.09 		0.094 18.4 0.17 19 0.094 18.4 0.17 19 0.094 18.4 0.17 10 0.094 18.4 19.4 19	matericabel second arem en cabel second matericabel second generative cabel second generative cabel second generative cabel second generative cabel second generative cabel second generative cabel second	Point 2 Point 2 Point 2 Point 2 Point 2 Point 2 Point 2 Point 2 Point 2 Point 2	80 
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	Voluments frem star Andrey Voluments Werker Voluments Method brands Werker Voluments Method brands Voluments Method brands Method				0.094 18.4 0.17 19 0.094 18.4 0.17 19 0.094 18.4 0.17 10 0.094 18.4 19.4 19	maten cakel second arem en cakel second maten cakel second genera en cakel second genera per cakel second	Point 2 Point 2 Point 2 Point 2 Point 2 Point 2 Point 2 Point 2 Point 2 Point 2	
	Voluments frem star Andrey Voluments Werker Voluments Method brands Werker Voluments Method brands Voluments Method brands Method	Inter Internet Intern			0.094 18.4 0.17 19 0.094 18.4 0.17 19 0.094 18.4 0.17 10 0.094 18.4 19.4 19	maten cakel second arem en cakel second maten cakel second genera en cakel second genera per cakel second	Point 2 Point 2 Point 2 Point 2 Point 2 Point 2 Point 2 Point 2 Point 2 Point 2	
27894.3	Voluments frem star Andrey Voluments Werker Voluments Method brands Werker Voluments Method brands Voluments Method brands Method	STilegen A	· · · · · · · · · · · · · · · · · · ·		0.494	maten cakel second arem en cakel second maten cakel second genera en cakel second genera per cakel second	Point 2 Point 2 Point 2 Point 2 Point 2 Point 2 Point 2 Point 2 Point 2 Point 2	
57 19 44 J	Voluments frem star Andrey Voluments Werker Voluments Method brands Werker Voluments Method brands Voluments Method brands Method	Sflanger A			0.494	maten cakel second arem en cakel second maten cakel second genera en cakel second genera per cakel second	Point 2 Point 2 Point 2 Point 2 Point 2 Point 2 Point 2 Point 2 Point 2 Point 2	
K3 11-04-25	Voluments frem star Andrey Voluments Werker Voluments Method brands Werker Voluments Method brands Voluments Method brands Method	STilegen A	· · · · · · · · · · · · · · · · · · ·		0.494	maten cakel second arem en cakel second maten cakel second genera en cakel second genera per cakel second	Point 2 Point 2 Point 2 Point 2 Point 2 Point 2 Point 2 Point 2 Point 2 Point 2	
K3 11-04-25 12 28-04-25	Voluments ther star Largenz 2 Methy threads Voluments files star Methy threads Voluments files star Methy threads Voluments files star Voluments f	Sflanger A		· · · · · · · · · · · · · · · · · · ·	2.694 19.4 0.37 10 0.494 19.4 0.37 10 0.494 0.37 10 0.494 0.37 10 0.494 0.37 10 10 0.49 10 10 10 10 10 10 10 10 10 10 10 10 10	inden ubah/ sami sema se naka mere- anten ubah/ sami Arana se naka mere- miten ubah/ sami arana se naka mere- miten ubah/ sami arana se naka arana se naka	Point 2 Point	
K3 11-04-25 12 28-04-25	Voluments ther star Jacque 2 Methy formula Voluments film star Methy formula Voluments film star Voluments f	STilegen A	· · · · · · · · · · · · · · · · · · ·		2.694  112.4  2.77  10  2.694  120.4  2.37  10  2.694  120.4  2.37  10  73  73  73  73  72  72  72  72  72  72		Point 2 Point 2 Point 2 Point 2 Point 2 Point 2 Point 2 Point 2 Point 2 Point 2	

MONTORING NOTES: Scenario 11: defined as having a fumigation concentration of 10 grams per cubic meter and a one hour initial ventilation period Scenario 11: defined as having a fumigation concentration of 13.4 grams per cubic meter and a three hour initial ventilation period