

Table 4: Point Source Monitoring Data

Published: (CARGILL TO INSERT WEB PUBLICATION DATE)								
Licensee: Cargill Newcastle								
EPL no.: 5810								
Qualifications related to point source limits								
Samples taken as per EPA's "Approved Methods - for the Sampling and Analysis of Air Pollutants in New South Wales".								
Nitrogen Oxides at a 100-percentile concentration limit of 350 mg/m ³ at 7% oxygen correction.								
As per Protection of the Environment Operations (Clean Air) Regulation 2010 Emission Limits and EPL limits.								
EPA Point ID	Sampling Date(s)	Date Results Received	Pollutant / Parameter	Measurement Period and Monitoring Frequency Required by Licence	Units	Value	100% Concentration Limit	
							EPL	Compliant (yes/no)
1	02/12/2025	18/12/2025	Moisture	Yearly	%	0	-	
1	02/12/2025	18/12/2025	Nitrogen Oxides	Yearly	mg/m ³	90.5	350 ¹	Y
1	02/12/2025	18/12/2025	Oxygen	Yearly	%	5.64	-	
1	02/12/2025	18/12/2025	Temperature	Yearly	°C	98	-	
1	02/12/2025	18/12/2025	Volumetric Flow Rate	Yearly	m ³ /s	3.7 ²	-	
4	02/12/2025	18/12/2025	Moisture	Yearly	%	0	-	
4	02/12/2025	18/12/2025	Odour	Yearly	OU	362	-	
4	02/12/2025	18/12/2025	Temperature	Yearly	°C	33	-	
4	02/12/2025	18/12/2025	Velocity	Yearly	m/s	16	-	
4	02/12/2025	18/12/2025	Volumetric Flow Rate	Yearly	m ³ /s	2.3 ²	-	
10	02/12/2025	18/12/2025	Moisture	Yearly	%	1.6	-	
10	02/12/2025	18/12/2025	Nitrogen Oxides	Yearly	mg/m ³	240	350 ¹	Y
10	02/12/2025	18/12/2025	Oxygen	Yearly	%	7.3	-	
10	02/12/2025	18/12/2025	Temperature	Yearly	°C	184	-	
10	02/12/2025	18/12/2025	Volumetric Flow Rate	Yearly	m ³ /s	0.1 ²	-	
11	02/12/2025	18/12/2025	Moisture	Yearly	%	0	-	
11	02/12/2025	18/12/2025	Nitrogen Oxides	Yearly	mg/m ³	99	350 ¹	Y
11	02/12/2025	18/12/2025	Oxygen	Yearly	%	2.4	-	
11	02/12/2025	18/12/2025	Temperature	Yearly	°C	199.5	-	
11	02/12/2025	18/12/2025	Volumetric Flow Rate	Yearly	m ³ /s	0.5	-	

¹: Dry, 273 K and 101.3 kPa with oxygen correction 7%.

²: Dry Volumetric flow rate at STP