

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	24/10/2024	05/11/2024	Moisture	Yearly	%	0	-	
1	24/10/2024	05/11/2024	Nitrogen Oxides	Yearly	mg/m ³	91	350 ¹	Y
1	24/10/2024	05/11/2024	Oxygen	Yearly	%	21	-	
1	24/10/2024	05/11/2024	Temperature	Yearly	°C	110	-	
1	24/10/2024	05/11/2024	Volumetric Flow Rate	Yearly	m ³ /s	3.5 ²	-	
4	24/10/2024	05/11/2024	Moisture	Yearly	%	0	-	
4	24/10/2024	05/11/2024	Odour	Yearly	OU	197	-	
4	24/10/2024	05/11/2024	Temperature	Yearly	°C	34	-	
4	24/10/2024	05/11/2024	Velocity	Yearly	m/s	15	-	
4	24/10/2024	05/11/2024	Volumetric Flow Rate	Yearly	m ³ /s	2.0 ²	-	
10	24/10/2024	05/11/2024	Moisture	Yearly	%	0	-	
10	24/10/2024	05/11/2024	Nitrogen Oxides	Yearly	mg/m ³	210	350 ¹	Y
10	24/10/2024	05/11/2024	Oxygen	Yearly	%	8.5	-	
10	24/10/2024	05/11/2024	Temperature	Yearly	°C	174	-	
10	24/10/2024	05/11/2024	Volumetric Flow Rate	Yearly	m ³ /s	0.5 ²	-	
11	24/10/2024	05/11/2024	Moisture	Yearly	%	0	-	
11	24/10/2024	05/11/2024	Nitrogen Oxides	Yearly	mg/m ³	105	350 ¹	Y
11	24/10/2024	05/11/2024	Oxygen	Yearly	%	17.4	-	
11	24/10/2024	05/11/2024	Temperature	Yearly	°C	99	-	
11	24/10/2024	05/11/2024	Volumetric Flow Rate	Yearly	m ³ /s	0.2	-	

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

²: Dry Volumetric flow rate at STP