

Table 4: Point Source Monitoring Data

Published: 22/12/2022 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	09/11/2022	09/11/2022	Moisture	Yearly	%	0.24	-	
1	09/11/2022	09/11/2022	Nitrogen Oxides	Yearly	mg/m ³	88	350 ¹	Y
1	09/11/2022	09/11/2022	Oxygen	Yearly	%	3.06	-	
1	09/11/2022	09/11/2022	Temperature	Yearly	°C	109.53	-	
1	09/11/2022	09/11/2022	Volumetric Flow Rate	Yearly	m ³ /s	8.38 ²	-	
4	09/11/2022	09/11/2022	Moisture	Yearly	%	0	-	
4	10/11/2022	24/11/2022	Odour	Yearly	OU	1,020	-	
4	09/11/2022	09/11/2022	Temperature	Yearly	°C	34.1	-	
4	09/11/2022	09/11/2022	Velocity	Yearly	m/s	12.9	-	
4	09/11/2022	09/11/2022	Volumetric Flow Rate	Yearly	m ³ /s	2.06 ²	-	
10	09/11/2022	09/11/2022	Moisture	Yearly	%	2	-	
10	09/11/2022	09/11/2022	Nitrogen Oxides	Yearly	mg/m ³	61	350 ¹	Y
10	09/11/2022	09/11/2022	Oxygen	Yearly	%	6.98	-	
10	09/11/2022	09/11/2022	Temperature	Yearly	°C	171.55	-	
10	09/11/2022	09/11/2022	Volumetric Flow Rate	Yearly	m ³ /s	1.5 ²	-	
11	09/11/2022	09/11/2022	Moisture	Yearly	%	1	-	
11	09/11/2022	09/11/2022	Nitrogen Oxides	Yearly	mg/m ³	125.73	350 ¹	Y
11	09/11/2022	09/11/2022	Oxygen	Yearly	%	8.21	-	
11	09/11/2022	09/11/2022	Temperature	Yearly	°C	166.95	-	
11	09/11/2022	09/11/2022	Volumetric Flow Rate	Yearly	m ³ /s	0.49	-	

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

²: Dry Volumetric flow rate at STP