

Table 4: Point Source Monitoring Data

Published: 10 January 2020 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	27/11/2019	05/12/2019	Moisture	Yearly	%	13	-	
1	27/11/2019	05/12/2019	Nitrogen Oxides	Yearly	mg/m ³	66	350 ¹	Y
1	27/11/2019	05/12/2019	Oxygen	Yearly	%	17	-	
1	27/11/2019	05/12/2019	Temperature	Yearly	°C	115	-	
1	27/11/2019	05/12/2019	Volumetric Flow Rate	Yearly	m ³ /s	2.8 ²	-	
4	17/12/2019	09/01/2020	Moisture	Yearly	%	1.6	-	
4	17/12/2019	09/01/2020	Odour	Yearly	OU	660	-	
4	17/12/2019	09/01/2020	Temperature	Yearly	°K	302	-	
4	17/12/2019	09/01/2020	Velocity	Yearly	m/s	11	-	
4	17/12/2019	09/01/2020	Volumetric Flow Rate	Yearly	m ³ /s	1.5 ²	-	
10	27/11/2019	05/12/2019	Moisture	Yearly	%	12	-	
10	27/11/2019	05/12/2019	Nitrogen Oxides	Yearly	mg/m ³	105	350 ¹	Y
10	27/11/2019	05/12/2019	Oxygen	Yearly	%	20.9	-	
10	27/11/2019	05/12/2019	Temperature	Yearly	°C	174	-	
10	27/11/2019	05/12/2019	Volumetric Flow Rate	Yearly	m ³ /s	0.43 ²	-	
11	17/12/2019	09/01/2020	Moisture	Yearly	%	14	-	
11	17/12/2019	09/01/2020	Nitrogen Oxides	Yearly	mg/m ³	93	350 ¹	Y
11	17/12/2019	09/01/2020	Oxygen	Yearly	%	14.4	-	
11	17/12/2019	09/01/2020	Temperature	Yearly	°C	112	-	
11	17/12/2019	09/01/2020	Volumetric Flow Rate	Yearly	m ³ /s	0.29	-	

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

²: Dry Volumetric flow rate at STP