

Table 4: Point Source Monitoring Data

Published: 4 January 2018 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	21/11/2017	28/11/2017	Moisture	Yearly	%	15	-	
1	21/11/2017	28/11/2017	Nitrogen Oxides	Yearly	mg/m ³	79	350 ¹	Y
1	21/11/2017	28/11/2017	Oxygen	Yearly	%	4.40	-	
1	21/11/2017	28/11/2017	Temperature	Yearly	°C	114	-	
1	21/11/2017	28/11/2017	Volumetric Flow Rate	Yearly	m ³ /s	2.7 ²	-	
4	21/11/2017	28/11/2017	Moisture	Yearly	%	1.3	-	
4	21/11/2017	28/11/2017	Odour	Yearly	OU	362	-	
4	21/11/2017	28/11/2017	Temperature	Yearly	°K	304	-	
4	21/11/2017	28/11/2017	Velocity	Yearly	m/s	13	-	
4	21/11/2017	28/11/2017	Volumetric Flow Rate	Yearly	m ³ /s	1.8 ²	-	
10	21/11/2017	28/11/2017	Moisture	Yearly	%	9	-	
10	21/11/2017	28/11/2017	Nitrogen Oxides	Yearly	mg/m ³	236	350 ¹	Y
10	21/11/2017	28/11/2017	Oxygen	Yearly	%	9.53	-	
10	21/11/2017	28/11/2017	Temperature	Yearly	°C	187	-	
10	21/11/2017	28/11/2017	Volumetric Flow Rate	Yearly	m ³ /s	0.5 ²	-	
11	21/11/2017	28/11/2017	Moisture	Yearly	%	14	-	
11	21/11/2017	28/11/2017	Nitrogen Oxides	Yearly	mg/m ³	109	350 ¹	Y
11	21/11/2017	28/11/2017	Oxygen	Yearly	%	2.96	-	
11	21/11/2017	28/11/2017	Temperature	Yearly	°C	201	-	
11	21/11/2017	28/11/2017	Volumetric Flow Rate	Yearly	m ³ /s	0.5 ²	-	

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

²: Dry Volumetric flow rate at STP