

Table 4: Point Source Monitoring Data

Published: 8 th December 2016 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	17/11/2016	05/12/2016	Moisture	Yearly	%	15	-	
1	17/11/2016	05/12/2016	Nitrogen Oxides	Yearly	mg/m ³	71	350 ¹	Y
1	17/11/2016	05/12/2016	Oxygen	Yearly	%	2.04	-	
1	17/11/2016	05/12/2016	Temperature	Yearly	°C	118	-	
1	17/11/2016	05/12/2016	Volumetric Flow Rate	Yearly	m ³ /s	2.9 ²	-	
4	17/11/2016	05/12/2016	Moisture	Yearly	%	1.9	-	
4	17/11/2016	05/12/2016	Odour	Yearly	OU	900	-	
4	17/11/2016	05/12/2016	Temperature	Yearly	°C	31	-	
4	17/11/2016	05/12/2016	Velocity	Yearly	m/s	18	-	
4	17/11/2016	05/12/2016	Volumetric Flow Rate	Yearly	m ³ /s	2.5 ²	-	
10	17/11/2016	05/12/2016	Moisture	Yearly	%	9	-	
10	17/11/2016	05/12/2016	Nitrogen Oxides	Yearly	mg/m ³	254	350 ¹	Y
10	17/11/2016	05/12/2016	Oxygen	Yearly	%	14.06	-	
10	17/11/2016	05/12/2016	Temperature	Yearly	°C	152	-	
10	17/11/2016	05/12/2016	Volumetric Flow Rate	Yearly	m ³ /s	0.4 ²	-	
11	17/11/2016	05/12/2016	Moisture	Yearly	%	8	-	
11	17/11/2016	05/12/2016	Nitrogen Oxides	Yearly	mg/m ³	168	350 ¹	Y
11	17/11/2016	05/12/2016	Oxygen	Yearly	%	11.72	-	
11	17/11/2016	05/12/2016	Temperature	Yearly	°C	112	-	
11	17/11/2016	05/12/2016	Volumetric Flow Rate	Yearly	m ³ /s	0.4 ²	-	

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

²: Dry Volumetric flow rate at STP