

Table 4: Point Source Monitoring Data

Published: 25 March 2015 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	Measurement Period and Monitoring Frequency Required by Licence	Units	Value	100% Concentration Limit	
							EPL	Compliant (yes/no)
1	9/12/2014	22/01/2015	Moisture	Yearly	%	15	-	
1	9/12/2014	22/01/2015	Nitrogen Oxides	Yearly	mg/m ³	91	350 ¹	Y
1	9/12/2014	22/01/2015	Oxygen	Yearly	%	9.05	-	
1	9/12/2014	22/01/2015	Temperature	Yearly	°C	88	-	
1	9/12/2014	22/01/2015	Volumetric Flow Rate	Yearly	m ³ /s	3.4 ²	-	
4	15/12/2014	22/01/2015	Moisture	Yearly	%	1.7	-	
4	15/12/2014	22/01/2015	Odour	Yearly	OU/m ³	395	-	
4	15/12/2014	22/01/2015	Temperature	Yearly	K	306	-	
4	15/12/2014	22/01/2015	Velocity	Yearly	m/s	11	-	
4	15/12/2014	22/01/2015	Volumetric Flow Rate	Yearly	m ³ /s	1.7 ⁴	-	
10	9/12/2014	22/01/2015	Moisture	Yearly	%	8.3	-	
10	9/12/2014	22/01/2015	Nitrogen Oxides	Yearly	mg/m ³	280	350 ¹	Y
10	9/12/2014	22/01/2015	Oxygen	Yearly	%	16.0	-	
10	9/12/2014	22/01/2015	Temperature	Yearly	°C	116	-	
10	9/12/2014	22/01/2015	Volumetric Flow Rate	Yearly	m ³ /s	0.47 ²	-	
11	15/12/2014	22/01/2015	Moisture	Yearly	%	9.2	-	
11	15/12/2014	22/01/2015	Nitrogen Oxides	Yearly	mg/m ³	100	350 ¹	Y
11	15/12/2014	22/01/2015	Oxygen	Yearly	%	13.1	-	
11	15/12/2014	22/01/2015	Temperature	Yearly	°C	165	-	
11	15/12/2014	22/01/2015	Volumetric Flow Rate	Yearly	m ³ /s	0.44	-	

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

²: Dry Volumetric flow rate at STP

³: Odour expressed unit of measure is OU (Odour Unit)

⁴: Wet Volumetric flow rate at STP