

Table 4: Point Source Monitoring Data

Published: 30/1/2019 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	13/12/2018	14/01/2019	Moisture	Yearly	%	8.9	-	
1	13/12/2018	14/01/2019	Nitrogen Oxides	Yearly	mg/m ³	74	350 ¹	Y
1	13/12/2018	14/01/2019	Oxygen	Yearly	%	8.68	-	
1	13/12/2018	14/01/2019	Temperature	Yearly	°C	109	-	
1	13/12/2018	14/01/2019	Volumetric Flow Rate	Yearly	m ³ /s	2.9 ²	-	
4	13/12/2018	14/01/2019	Moisture	Yearly	%	2.8	-	
4	13/12/2018	14/01/2019	Odour	Yearly	OU	754	-	
4	13/12/2018	14/01/2019	Temperature	Yearly	°K	308	-	
4	13/12/2018	14/01/2019	Velocity	Yearly	m/s	11	-	
4	13/12/2018	14/01/2019	Volumetric Flow Rate	Yearly	m ³ /s	1.5 ²	-	
10	24/01/2019	30/01/2019	Moisture	Yearly	%	8.3	-	
10	24/01/2019	30/01/2019	Nitrogen Oxides	Yearly	mg/m ³	188	350 ¹	Y
10	24/01/2019	30/01/2019	Oxygen	Yearly	%	10.9	-	
10	24/01/2019	30/01/2019	Temperature	Yearly	°C	145	-	
10	24/01/2019	30/01/2019	Volumetric Flow Rate	Yearly	m ³ /s	0.45 ²	-	
11	13/12/2018	14/01/2019	Moisture	Yearly	%	13	-	
11	13/12/2018	14/01/2019	Nitrogen Oxides	Yearly	mg/m ³	76	350 ¹	Y
11	13/12/2018	14/01/2019	Oxygen	Yearly	%	5.49	-	
11	13/12/2018	14/01/2019	Temperature	Yearly	°C	183	-	
11	13/12/2018	14/01/2019	Volumetric Flow Rate	Yearly	m ³ /s	0.8 ²	-	

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

²: Dry Volumetric flow rate at STP