Table 4: Point Source Monitoring Data

Published: 19 February 2014
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	04 to 06/12/13	22/01/14	Moisture	Yearly	%	14.16	-	
1	04 to 06/12/13	22/01/14	Nitrogen Oxides	Yearly	mg/m^3	93.8	350[1]	Y
1	04 to 06/12/13	22/01/14	Oxygen	Yearly	%	4.90	-	
1	04 to 06/12/13	22/01/14	Temperature	Yearly	°C	81.3	-	
1	04 to 06/12/13	22/01/14	Volumetric Flow Rate	Yearly	m^3/s	1.37[2]	-	
4	04 to 06/12/13	22/01/14	Moisture	Yearly	%	4.40	-	
4	04 to 06/12/13	22/01/14	Odour	Yearly	OU/m^3	609[3]	-	
4	04 to 06/12/13	22/01/14	Temperature	Yearly	K	309.4	-	
4	04 to 06/12/13	22/01/14	Velocity	Yearly	m/s	11.90	-	
4	04 to 06/12/13	22/01/14	Volumetric Flow Rate	Yearly	m^3/s	1.89[4]	-	
10	04 to 06/12/13	22/01/14	Moisture	Yearly	%	4.29	-	
10	04 to 06/12/13	22/01/14	Nitrogen Oxides	Yearly	mg/m^3	189.9	350[1]	Y
10	04 to 06/12/13	22/01/14	Oxygen	Yearly	%	8.60	-	
10	04 to 06/12/13	22/01/14	Temperature	Yearly	°C	115.6	-	
10	04 to 06/12/13	22/01/14	Volumetric Flow Rate	Yearly	m^3/s	0.48[2]	-	
11	04/02/14	17/02/14	Moisture	Yearly	%	13.25	-	
11	04/02/14	17/02/14	Nitrogen Oxides	Yearly	mg/m^3	99.52	350[1]	Y
11	04/02/14	17/02/14	Oxygen	Yearly	%	5.33	-	
11	04/02/14	17/02/14	Temperature	Yearly	°C	203.25	-	
11	04/02/14	17/02/14	Volumetric Flow Rate	Yearly	m^3/s	1.36	-	

[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