Table 4: Point Source Monitoring Data

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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	07/12/2020	23/12/2020	Moisture	Yearly	%	15	-	
1	07/12/2020	23/12/2020	Nitrogen Oxides	Yearly	mg/m^3	74	350 [1]	Y
1	07/12/2020	23/12/2020	Oxygen	Yearly	%	6	-	
1	07/12/2020	23/12/2020	Temperature	Yearly	°C	114	-	
1	07/12/2020	23/12/2020	Volumetric Flow Rate	Yearly	m^3/s	2.7 [2]	-	
4	08/12/2020	23/12/2020	Moisture	Yearly	%	0.95	-	
4	08/12/2020	23/12/2020	Odour	Yearly	OU	395	-	
4	08/12/2020	23/12/2020	Temperature	Yearly	°C	29.3	-	
4	08/12/2020	23/12/2020	Velocity	Yearly	m/s	11	-	
4	08/12/2020	23/12/2020	Volumetric Flow Rate	Yearly	m^3/s	1.5 [2]	-	
10	07/12/2020	23/12/2020	Moisture	Yearly	%	5	-	
10	07/12/2020	23/12/2020	Nitrogen Oxides	Yearly	mg/m^3	96	350 [1]	Y
10	07/12/2020	23/12/2020	Oxygen	Yearly	%	20.9	-	
10	07/12/2020	23/12/2020	Temperature	Yearly	°C	174	-	
10	07/12/2020	23/12/2020	Volumetric Flow Rate	Yearly	m^3/s	0.46 [2]	-	
11	21/12/2020	23/12/2020	Moisture	Yearly	%	12	-	
11	21/12/2020	23/12/2020	Nitrogen Oxides	Yearly	mg/m^3	103	350 [1]	Y
11	21/12/2020	23/12/2020	Oxygen	Yearly	%	10.7	-	
11	21/12/2020	23/12/2020	Temperature	Yearly	°C	170	-	
11	21/12/2020	23/12/2020	Volumetric Flow Rate	Yearly	m^3/s	0.5	-	

[1]: Dry, 273 K and 101.3 kPa with oxygen correction 7%.
[2]: Dry Volumetric flow rate at STP