

B Monitoring and Complaints Summary

B1 Number of Pollution Complaints 0

Pollution Category	Number of Complaints
Air	0
Water	0
Noise	0
Waste	0
Other	0



EnergyAustralia

14 January 2013

B2 Concentration Monitoring Summary

Monitoring Point 2: Effluent quality monitoring

Pollutant	Unit of Measure	No. of Samples required	No. of samples collected	Date samples collected	Lowest sample value	Mean of sample	Highest sample value	Licence Limit
Biochemical oxygen demand	milligrams per litre	4	1	-	-	-	-	-
Total suspended solids	milligrams per litre	4	1	-	-	-	-	-

Comments: No spray irrigation occurred during the month of January 2013 therefore no effluent quality monitoring was conducted.

Monitoring Point 4: Ambient water monitoring

Pollutant	Unit of Measure	No. of Samples required	No. of samples collected	Date samples collected	Lowest sample value	Mean of sample	Highest sample value	Licence Limit
Temperature	Degrees Celsius	Continuous	2964	NA	22.5	25.0	41.7	NA*



Notes: *Tallawarra does not have water quality licence limites for ambient water quality monitoring in its EPL. ANZECC. Guidelines apply to receiving waters

Comments: N/A

14 January 2013

Discharge and Monitoring Point 5: Discharge water quality monitoring

Pollutant	Unit of Measure	No. of Samples required	No. of samples collected	Date samples collected	Lowest sample value	Mean of sample	Highest sample value	Licence Limit
Temperature	Degrees Celsius	Continuous	2964	NA	25.3	29.2	32.4	35

Comments: N/A

Monitoring Point 6: Ambient water monitoring

Pollutant	Unit of Measure	No. of Samples required	No. of samples collected	Date samples collected	Lowest sample value	Mean of sample	Highest sample value	Licence Limit
Temperature	Degrees Celsius	Continuous	2977	NA	21.5	26.2	31.2	NA*

Comments: N/A



EnergyAustralia

14 January 2013

Monitoring Point 7: Ambient water monitoring

Pollutant	Unit of Measure	No. of Samples required	No. of samples collected	Date samples collected	Lowest sample value	Mean of sample	Highest sample value	Licence Limit
Temperature	Degrees Celsius	Continuous	2977	NA	22.4	25.0	28.2	NA*

Comments: N/A

Monitoring Point 8: Discharge water monitoring

Pollutant	Unit of Measure	No. of Samples required	No. of samples collected	Date samples collected	Lowest sample value	Mean of sample	Highest sample value	Licence Limit
Copper	micrograms per litre	Monthly during discharge	-	-	-	-	-	NA*
Nitrogen (total)	milligrams per litre	Monthly during discharge	-	-	-	-	-	NA*
pH	pH	Monthly during discharge	-	-	-	-	-	NA*
Total Phosphorous - filtered sample	milligrams per litre	Monthly during discharge	-	-	-	-	-	NA*
Total suspended solids	milligrams per litre	Monthly during discharge	-	-	-	-	-	NA*
Zinc	micrograms per litre	Monthly during discharge	-	-	-	-	-	NA*

Notes: *Tallawarra does not have water quality licence limites for ambient water quality monitoring in its EPL. ANZECC. Guidelines apply to receiving waters

Comments: No water was discharged from EPA point 8 for the month of January 2013



EnergyAustralia

14 January 2013

Discharge and Monitoring Point 9: Air emissions monitoring

Pollutant	Unit of Measure	No. of Samples required	No. of samples collected	Date samples collected	Lowest sample value	Mean of sample	Highest sample value	Licence Limit
Carbon dioxide	Percent	Continuous	**	NA	0.2	4.4	4.9	NA
Moisture content	Percent	Continuous	**	NA	9.4	10.3	12.6	NA
Nitric oxide	parts per million	Continuous	**	NA	0.1	14.8	22.3	NA
Nitrogen dioxide	parts per million	Continuous	**	NA	0.6	2.5	5.2	NA
Nitrogen oxides	parts per million	Continuous	**	NA	2.7	13.1	19.6	25
Oxygen (O2)	Percent	Continuous	**	NA	10.5	13.1	14.1	NA
Solid particles	milligrams per cubic metre	Yearly	0		-	-	-	10
Sulphur dioxide	parts per million	Yearly	0		-	-	-	3
Temperature	Degrees Celsius	Continuous	**	NA	76.0	89.5	95.5	NA
Volatile organic compounds	parts per million	Yearly	0		-	-	-	NA
Volumetric flow rate	cubic metres per second	Continuous	**	NA	283.7	394.5	428.9	NA

Notes: * equipment detection limit
 ** Continuous data reported based on hourly average CEMS data

Comments: N/A



EnergyAustralia

14 January 2013

Monitoring Point 10: Ambient air monitoring

Pollutant	Unit of Measure	No. of Samples required	No. of samples collected	Date samples collected	Lowest sample value	Mean of sample	Highest sample value	Licence Limit
Nitric oxide	parts per hundred million	Continuous	711	NA	0.0	0.1	1.9	NA
Nitrogen dioxide	parts per hundred million	Continuous	711	NA	0.1	0.4	2.5	NA
Nitrogen oxides	parts per hundred million	Continuous	711	NA	0.1	0.5	3.4	NA
Ozone	parts per hundred million	Continuous	711	NA	-0.1	1.6	4.4	NA



EnergyAustralia

14 January 2013

Comments: *Automatic overnight span/zero checks performed every night between 01:00 - 01:45
 *Data intermittently affected by calibration, between 01:35 - 02:00 between 2/01/2013 1:45:00 AM and 10/01/2013 1:45:00 AM
 *Monthly maintenance was performed on the NO/NO₂/NO_x and O₃ analysers 15/01/2013 11:30 to 13:20
 *Unrealistic negative data values excluded between 6/01/2013 12:05:00 AM and 31/01/2013 5:30:00 AM

B3 Volume or Mass Monitoring Summary**Monitoring Point 3: Sewage volume monitoring**

Pollutant	Unit of Measure	No. of Samples required	No. of samples collected	Date Samples collected	Lowest result	Mean result	Highest result	Licence Limit
Sewage	Kilolitres per day	Continuous	**	NA	0.0	0.0	0.0	100

Notes: ** Continuous data recorded via inline flow meter
 Comments: No spray irrigation occurred during the month of January 2013