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



B2 Concentration Monitoring Summary

Monitoring Point 2: Effluent quality monitoring

	Unit of	No. of Samples	No. of samples	Date samples	Lowest sample	Mean of	Highest sample	Licence
Pollutant	Measure	required	collected	collected	value	sample	value	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 December 2012 therefore no effluent quality

monitoring was conducted.

Monitoring Point 4: Ambient water monitoring

Pollutant		•	No. of samples collected	Date samples collected	Lowest sample value	Mean of sample	Highest sample value	Licence Limit
Temperature	Degrees Celsius	Continuous	2977	NA	19.9	23.3	40.9	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 December 2012

Discharge and Monitoring Point 5: Discharge water quality monitoring

		No. of			Lowest		Highest	
Dellutent	Unit of		No. of samples	Date samples	sample	Mean of	sample	Licence
Pollutant	Measure	required	collected	collected	value	sample	value	Limit
	Degrees	C t :	2077	NI A	22.5	27.6	24.0	25
Temperature	Celsius	Continuous	2977	NA	23.5	27.6	31.9	35

Energy Australia Tallawarra EPL Data

Monitoring Point 6: Ambient water monitoring

Pollutant	Unit of Measure		No. of samples collected	Date samples collected	Lowest sample value	Mean of sample	Highest sample value	Licence Limit
Temperature	Degrees Celsius	Continuous	2977	NA	19.5	24.2	29.0	NA*



Comments: N/A 14 December 2012

Monitoring Point 7: Ambient water monitoring

		No. of			Lowest		Highest	
Pollutant	Unit of Measure		No. of samples collected	Date samples collected	sample value	Mean of sample	sample value	Licence Limit
Temperature	Degrees Celsius	Continuous	2977	NA	20.5	23.3	26.4	NA*

Monitoring Point 8: Discharge water monitoring

	1	No. of	1	1	Lowest	I	Highest	1
	Unit of		No. of samples	Data samples		Mean of	_	Licence
		Samples		Date samples	sample		sample	
Pollutant	Measure	required	collected	collected	value	sample	value	Limit
		Monthly						
	micrograms	during	1	12/12/2012	-	1	-	NA*
Copper	per litre	discharge						
		Monthly						
Nitrogen	milligrams per	during	1	12/12/2012	-	1.8	-	NA*
(total)	litre	discharge						
		Monthly						
		during	1	12/12/2012	-	7.60	-	NA*
рН	рН	discharge						
Total								
Phosporous -		Monthly						
filtered	milligrams per	during	1	12/12/2012	-	0.40	-	NA*
sample	litre	discharge						
Total		Monthly						
suspended	milligrams per	during	1	12/12/2012	-	6	-	NA*
solids	litre	discharge						
		Monthly						
	micrograms	during	1	12/12/2012	-	5	-	NA*
Zinc	per litre	discharge						



14 December 2012

Notes:

*Tallawarra does not have water quality licence limites for ambient water quality monitoring in its EPL. ANZECC. Guidelines

apply to receiving waters

Discharge and Monitoring Point 9: Air emissions monitoring

	1	INo. of			Lowest		Highest	
	Unit of	Samples	No. of samples	Date samples	sample	Mean of	sample	Licence
Pollutant	Measure	required	collected	collected	value	sample	value	Limit
Carbon	ivicasare	required	Conceted	conceted	Value	Sample	Value	Lillie
dioxide	Percent	Continuous	**	NA	0.0	4.4	4.6	NA
Moisture content	Percent	Continuous	**	NA	5.0	10.2	16.4	NA
Nitric oxide	parts per million	Continuous	**	NA	0.0	14.9	24.3	NA
Nitrogen dioxide	parts per million	Continuous	**	NA	0.0	2.3	4.4	NA
Nitrogen oxides	parts per million	Continuous	**	NA	0.1	13.2	21.9	25
Oxygen (O2)	Percent	Continuous	**	NA	5.7	13.2	20.7	NA
Solid particles	milligrams per cubic metre	Yearly	0		-	-	-	10
Sulphur	parts per	Vl	0					2
dioxide	million	Yearly	0		ı	-	-	3
Temperature	Degrees Celsius	Continuous	**	NA	80.9	89.2	93.3	NA
Volatile organic compounds	parts per million	Yearly	0		1	-	-	NA
Volumetric flow rate	cubic metres per second	Continuous	**	NA	242.9	396.3	493.8	NA



Notes: * equipment detection limit

** Continuous data reported based on hourly average CEMS data

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	709	NA	-0.1	0.1	1.7	NA
Nitrogen dioxide	parts per hundred million	Continuous	709	NA	0.1	0.4	2.9	NA
Nitrogen oxides	parts per hundred million	Continuous	709	NA	0.1	0.5	3.0	NA
Ozone	parts per hundred million	Continuous	709	NA	-0.1	1.7	5.2	NA



14 December 2012

Comments:

Volume or Mass Monitoring Summary B3

Monitoring Point 3: Sewage volume monitoring

Pollutant	Unit of Measure		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

** Continuous data recorded via inline flow meter Notes:

No spray irrigation occurred during the month of November 2012 Comments:

^{*}Automatic overnight span/zero checks performed every night between 01:00 - 01:45

^{*}Data intermittently affected by calibration, between 01:35 - 02:00

^{*}Monthly maintenance was performed on the NO/NO2/NOx and O3 analysers 10/12/2012 11:30 to 14:55

^{*}An unrealistic negative data value was excluded on 17/12/2012 22:10 to 22:15