

Appin Power Station

Licence Number: 5482

Licence Holder: EDL CSM (NSW) PTY LTD

Licensee Address: Appin Coal Seam Methane Power Station

Month: Dec-12

Location of monitoring point	Sampled	Obtained	Published	Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during month	Min. value	Mean value	Max. Value
Point 10 - Ambient air and weather monitoring station	-	11/01/13	18/01/13	Nitrogen Oxides	Parts per billion	Continuous	Continuous	0	10	111
	-	11/01/13	18/01/13	Ozone	Parts per billion	Continuous	Continuous	0	19	59
Point 13 - Air emissions monitoring	-	-	18/01/13	Nitrogen Oxides	Parts per million	Continuous	Continuous	Max Nox emission rate did not exceed 2878g/min		
Point 11 - First Flush Effluent quality monitoring	-	-	18/01/13	Oil and Grease	Milligrams per litre	Weekly during any discharge	3	No visual		
	-	-	18/01/13	pH		Weekly during any discharge	3	7.9	7.9	7.9
Point 12 - Process Water Effluent quality monitoring	3/12/12	12/12/12	19/12/12	Oil and Grease	Milligrams per litre	Monthly	1	6		
	3/12/12	12/12/12	19/12/12	pH		Monthly	1	6.87 (NOTE: pH on the EDL Appin Process Water is slightly low. It was noted at the time of sampling that the power that supplied the pH dosing controller had been switched off and tagged out of service by EDL site staff due to a faulty solenoid. As a result, the controller could not add the required amount of caustic to raise the pH to the desired setpoint above pH 7.0. Once this fault was fixed and power was restored to the controller I would expect the pH to reach the desired setpoint very quickly.)		
Point 16 - Septic waste water Effluent quality monitoring	3/12/12	12/12/12	19/12/12	Biochemical oxygen demand	Milligrams per litre	Monthly	1	8		

3/12/12	12/12/12	19/12/12	Faecal Coliforms	colony forming units per 100 millilitres	Monthly	1	0
3/12/12	12/12/12	19/12/12	Oil and Grease	Milligrams per litre	Monthly	1	<3
3/12/12	12/12/12	19/12/12	TN	Milligrams per litre	Monthly	1	28.5
3/12/12	12/12/12	19/12/12	Total dissolved solids	Milligrams per litre	Monthly	1	638
3/12/12	12/12/12	19/12/12	TP	Milligrams per litre	Monthly	1	19