

Tower Power Station
Licence Number: 5357
Licence Holder: EDL CSM (NSW) PTY LTD
Licence Address: Douglas Park Drive
Douglas Park NSW 2569
Dates: FY 2023-24



Continuous monitoring for ambient NOx, O3 (taken off site) and point source NO3 air emissions;
Frequency: Spot sampling weekly during discharge for First Flush pH and, oil and grease (O&G);
Spot sampling monthly for Process Water Effluent O&G, pH;
Volume monitoring daily for waste water discharges.

Month	Location of monitoring point	Sampled	Obtained	Published	Pollutant	Units	Monitoring Frequency	Measurement during month	Min	Mean	Max	Licence Limit	Exceedance (Yes/No)	
Jul-23	Point 11 - Air emissions monitoring		2/08/23	3/08/23	NOx	ppm	Continuous with limit of 2132 g/min	Continuous with limit of 2132 g/min (1hr rolling average)	< 2132 g/min			< 2132 g/min	No	
	Point 8 - First Flush Effluent quality monitoring		3/08/23	3/08/23	O&G	mg/L	Weekly during any discharge - no visible oil	31	Nil			nil visual	No	
			3/08/23	11/08/23	pH		Weekly during any discharge	2	7.6	7.66	7.71	6.5-8.5	No	
		5/07/23	23/07/23	26/07/23	TSS	mg/L	No requirement	1	<1					
	Point 9 - Process Water Effluent quality monitoring		5/07/23	23/07/23	27/07/23	Salinity	ppt	No requirement	1	0.055				
			5/07/23	23/07/23	24/07/23	O&G	mg/L	Monthly	1	<5			nil visual	No
			5/07/23	23/07/23	24/07/23	pH		Monthly	1	7.32			6.5-8.5	No
			5/07/23	23/07/23	24/07/23	TDS	mg/L	No requirement	1	134				
			5/07/23	23/07/23	24/07/23	TSS	mg/L	No requirement	1	<1				
			5/07/23	23/07/23	24/07/23	Salinity	ppt	No requirement	1	0.159				
Aug-23	Point 11 - Air emissions monitoring		4/09/23	6/09/23	NOx	ppm	Continuous with limit of 2132 g/min	Continuous with limit of 2132 g/min (1hr rolling average)	< 2132 g/min			< 2132 g/min		
	Point 8 - First Flush Effluent quality monitoring		3/09/23	6/09/23	O&G	mg/L	Weekly during any discharge - no visible oil	31	Nil			nil visual		
			3/09/23	6/09/23	pH		Weekly during any discharge	5	7.17	7.35	7.62	6.5-8.5		
					TSS	mg/L	No requirement		NA					
	Point 9 - Process Water Effluent quality monitoring					Salinity	ppt	No requirement		NA				
			4/08/23	21/08/23	24/08/23	O&G	mg/L	Monthly		<5			nil visual	
			4/08/23	21/08/23	24/08/23	pH		Monthly		7.05			6.5-8.5	
			4/08/23	21/08/23	24/08/23	TDS	mg/L	No requirement		141				
			4/08/23	21/08/23	24/08/23	TSS	mg/L	No requirement		4				
			4/08/23	21/08/23	24/08/23	Salinity	ppt	No requirement		0.164				