

Tower Power Station
 Licence Number: 5357
 Licence Holder: EDL CSM (NSW) PTY LTD
 Licensee Address: Douglas Park Drive
 Douglas Park NSW 2569



Dates: FY 2020-21
 Continuous monitoring for ambient NOx, O3 (taken off site) and point source NO3 air emissions;
 Spot sampling weekly during discharge for First Flush pH and, oil and grease (O&G);
 Frequency: 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 and Limit	Measurement during month	Min	Mean	Max	Licence Limit	Exceedance (Yes/No)
Jul-21	Point 10 - Ambient air and weather monitoring station		12/08/21	18/08/21	NOx	ppb	Continuous	Continuous	0	6	99		
			12/08/21	18/08/21	O3	ppb	Continuous	Continuous	0	17	30		
	Point 11 - Air emissions monitoring		12/07/21	23/07/21	NOx	ppm	Continuous with limit of 2132 g/min	Continuous with limit of 2132 g/min	< 2132 g/min			< 2132 g/min	
	Point 8 - First Flush Effluent quality monitoring		1/07/21	1/07/21	O&G	mg/L	Weekly during any discharge - no visible oil	Weekly during any discharge - no visible oil	n/a			nil visual	
			1/07/21	1/07/21	pH		Weekly during any discharge	Weekly during any discharge	7.03	7.58	8.32	6.5-8.5	
			n/a	n/a	TSS	mg/L	No requirement	No requirement	n/a				
			12/07/21	23/07/21	26/07/21	Salinity	ppt	No requirement	No requirement	0.185			
	Point 9 - Process Water Effluent quality monitoring		12/07/21	23/07/21	26/07/21	pH	Monthly	Monthly	6.7	7.22	7.4	6.5-8.5	
			12/07/21	23/07/21	26/07/21	O&G	mg/L	Monthly	Monthly	<5			nil visual
			12/07/21	23/07/21	26/07/21	TDS	mg/L	No requirement	No requirement	144			
			12/07/21	23/07/21	26/07/21	TSS	mg/L	No requirement	No requirement	7			
			12/07/21	23/07/21	26/07/21	Salinity	ppt	No requirement	No requirement	0.168			
		12/07/21	23/07/21	26/07/21	Salinity	ppt	No requirement	No requirement	0.168				
Aug-21	Point 10 - Ambient air and weather monitoring station		11/09/21	13/09/21	NOx	ppb	Continuous	Continuous	0	6	99		
			11/09/21	13/09/21	O3	ppb	Continuous	Continuous	0	17	30		
	Point 11 - Air emissions monitoring		27/08/21	13/09/21	NOx	ppm	Continuous with limit of 2132 g/min	Continuous	< 2132 g/min			< 2132 g/min	No
	Point 8 - First Flush Effluent quality monitoring		6/09/21	10/09/21	O&G	mg/L	Weekly during any discharge - no visible oil	12	n/a			nil visual	
			31/08/21	6/09/21	10/09/21	pH	Weekly during any discharge	12	7.28	7.86	8.35	6.5-8.5	
			6/09/21	10/09/21	TSS	mg/L	No requirement	0	-				
			6/09/21	10/09/21	Salinity	ppt	No requirement	0	-				
	Point 9 - Process Water Effluent quality monitoring		31/08/21	6/09/21	10/09/21	pH	Monthly	1	7.09	7.35	7.6	6.5-8.5	
			4/08/21	19/08/21	25/08/21	O&G	mg/L	Monthly	1	<5			nil visual
			4/08/21	19/08/21	25/08/21	TDS	mg/L	No requirement	1	131			
			4/08/21	19/08/21	25/08/21	TSS	mg/L	No requirement	1	67			
			4/08/21	19/08/21	25/08/21	Salinity	ppt	No requirement	1	0.156			
		4/08/21	19/08/21	25/08/21	Salinity	ppt	No requirement	1	0.156				

First flush was empty during sampling

Sep-20	Point 10 - Ambient air and weather monitoring station				NOx	ppb	Continuous	Continuous							
					O3	ppb	Continuous	Continuous							
	Point 11 - Air emissions monitoring				NOx	ppm	Continuous with limit of 2132 g/min	Continuous					< 2132 g/min	No	
	Point 8 - First Flush Effluent quality monitoring					O&G	mg/L	Weekly during any discharge - no visible oil	11						
						pH		Weekly during any discharge	11	7.18	7.72	8.3			
						TSS	mg/L	No requirement	0						
						Salinity	ppt	No requirement	0						
						pH		Monthly	1	7.29	7.33	7.41			
	Point 9 - Process Water Effluent quality monitoring					O&G	mg/L	Monthly	1						
						TDS	mg/L	No requirement	1						
						TSS	mg/L	No requirement	1						
						Salinity	ppt	No requirement	1						