



Tower Power Station

Licence Number: 5357
Licence Holder: EDL CSM (NSW) PTY LTD
Licence 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, visible oil and grease (O&G);
 Spot sampling monthly for Process Water Effluent O&G, pH;
 Volume monitoring daily for waste water discharges.

Frequency:

Month	Location of monitoring point	Sampled	Obtained	Published	Pollutant	Units	Monitoring Frequency and Limit	Measurement during month	Min	Mean	Max	Exceedance (Yes/No)
Jul-20	Point 10 - Ambient air and weather monitoring station		31/08/20	2/09/20	NOx	ppb	Continuous	Continuous	0	7	73	
			31/08/20	2/09/20	O3	ppb	Continuous	Continuous	0	18	33	
	Point 11 - Air emissions monitoring		5/08/20	10/08/20	NOx	ppm measured as g/min	Continuous with limit of 2132 g/min	Continuous	< 2132 g/min			No
	Point 8 - First Flush Effluent quality monitoring		5/08/20	10/08/20	O&G	mg/L	Weekly during any discharge - No visible oil	11	None visible			
			5/08/20	10/08/20	pH		Weekly during any discharge	11	7.22	7.59	8.14	
		7/07/20	22/07/20	10/08/20	TSS	mg/L	No requirement	0	-			
		7/07/20	22/07/20	10/08/20	Salinity	ppt	No requirement	0	-			
		7/07/20	22/07/20	10/08/20	pH		Monthly	1	7.22			
	Point 9 - Process Water Effluent quality monitoring	7/07/20	22/07/20	10/08/20	O&G	mg/L	Monthly	1	<5			
		7/07/20	22/07/20	10/08/20	TDS	mg/L	No requirement	1	101			
		7/07/20	22/07/20	10/08/20	TSS	mg/L	No requirement	1	9			
		22/07/20	22/07/20	10/08/20	Salinity	ppt	No requirement	1	0.122			
Aug-20	Point 10 - Ambient air and weather monitoring station		11/09/20	28/09/20	NOx	ppb	Continuous	Continuous	0	2	29	
			11/09/20	28/09/20	O3	ppb	Continuous	Continuous	-2	20	42	
	Point 11 - Air emissions monitoring		23/09/20	28/09/20	NOx	ppm	Continuous with limit of 2132 g/min	Continuous	<2132 g/min			
	Point 8 - First Flush Effluent quality monitoring		3/09/20	3/09/20	O&G	mg/L	Weekly during any discharge - no visible oil	12	None visible			
			3/09/20	3/09/20	pH		Weekly during any discharge	12	7.6	8.07	8.43	
		5/08/20	1/09/20	2/09/20	TSS	mg/L	No requirement	0	-			
	Point 9 - Process Water Effluent quality monitoring	5/08/20	1/09/20	2/09/20	Salinity	ppt	No requirement	0	-			
		5/08/20	1/09/20	2/09/20	pH		Monthly	1	7.33			
		5/08/20	1/09/20	2/09/20	O&G	mg/L	Monthly	1	< 5			
		5/08/20	1/09/20	2/09/20	TDS	mg/L	No requirement	1	123			
		5/08/20	1/09/20	2/09/20	TSS	mg/L	No requirement	1	13			
		5/08/20	1/09/20	2/09/20	Salinity	ppt	No requirement	1	0.146			
Sep-20	Point 10 - Ambient air and weather monitoring station		12/10/20	15/10/20	NOx	ppb	Continuous	Continuous	-1	6	66	
			12/10/20	15/10/20	O3	ppb	Continuous	Continuous	2	21	46	
	Point 11 - Air emissions monitoring		2/10/20	15/10/20	NOx	ppm	Continuous with limit of 2132 g/min	Continuous	<2132 g/min			
	Point 8 - First Flush Effluent quality monitoring		1/10/20	15/10/20	O&G	mg/L	Weekly during any discharge - no visible oil	11	nil			
			1/10/20	15/10/20	pH		Weekly during any discharge	11	7.58	7.95	8.26	
		2/09/20	21/09/20	28/09/20	TSS	mg/L	No requirement	0	-			
		2/09/20	21/09/20	28/09/20	Salinity	ppt	No requirement	0	-			
		2/09/20	21/09/20	28/09/20	pH		Monthly	1	7.67			
	Point 9 - Process Water Effluent quality monitoring	2/09/20	21/09/20	28/09/20	O&G	mg/L	Monthly	1	<5			
		2/09/20	21/09/20	28/09/20	TDS	mg/L	No requirement	1	5			
		2/09/20	21/09/20	28/09/20	TSS	mg/L	No requirement	1	5			
		2/09/20	21/09/20	28/09/20	Salinity	ppt	No requirement	1	0.161			

First flush was empty during sampling

First flush was empty during sampling

First flush was empty during sampling