

Tower Power Station

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



Dates: FY 2022-23
 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	Measurement during month	Min	Mean	Max	Licence Limit	Exceedance (Yes/No)
Jul-22	Point 10 - Ambient air and weather monitoring station	12-08-22	15-08-22		NOx	ppb	Continuous	Continuous	-1	9	131		
		12-08-22	15-08-22		O3	ppb	Continuous	Continuous	1	20	33		
	Point 11 - Air emissions monitoring	12-08-22	15-08-22		NOx	ppm	Continuous	Continuous	< 2132 g/min			< 2132 g/min	No
		26-07-22	4-08-22		O&G	mg/L	Weekly during any discharge	22	nil			nil visual	No
	Point 8 - First Flush Effluent quality monitoring	3-08-22	8-08-22		pH		Weekly during any discharge	22	7.35	8.02	8.38	6.5-8.5	No
		8-07-22	26-07-22	4-08-22	TSS	mg/L	No requirement	1	<1				
		8-07-22	26-07-22	4-08-22	Salinity	ppt	No requirement	1	0.098				
		8-07-22	26-07-22	4-08-22	O&G	mg/L	Monthly	1	<5			nil visual	No
	Point 9 - Process Water Effluent quality monitoring	8-07-22	26-07-22	4-08-22	pH		Monthly	1	6.85			6.5-8.5	No
		8-07-22	26-07-22	4-08-22	TDS	mg/L	No requirement	1	104				
		8-07-22	26-07-22	4-08-22	TSS	mg/L	No requirement	1	7				
		8-07-22	26-07-22	4-08-22	Salinity	ppt	No requirement	1	0.12				
Aug-22	Point 10 - Ambient air and weather monitoring station	12-09-22	19-09-22		NOx	ppb	Continuous	Continuous	0	6	48		
		12-09-22	19-09-22		O3	ppb	Continuous	Continuous	1	19	34		
	Point 11 - Air emissions monitoring	12-09-22	19-09-22		NOx	ppm	Continuous	Continuous	< 2132 g/min			< 2132 g/min	No
		22-08-22	30-08-22		O&G	mg/L	Weekly during any discharge	14	Nil			nil visual	No
	Point 8 - First Flush Effluent quality monitoring	3-09-22	12-09-22		pH		Weekly during any discharge	14	7.78	8.09	8.3	6.5-8.5	No
		5-08-22	22-08-22	30-08-22	TSS	mg/L	No requirement	0	-				
		5-08-22	22-08-22	30-08-22	Salinity	ppt	No requirement	0	-				
		5-08-22	22-08-22	30-08-22	O&G	mg/L	Monthly	1	<5			nil visual	
	Point 9 - Process Water Effluent quality monitoring	5-08-22	22-08-22	30-08-22	pH		Monthly	1	6.85			6.5-8.5	
		5-08-22	22-08-22	30-08-22	TDS	mg/L	No requirement	1	131				
		5-08-22	22-08-22	30-08-22	TSS	mg/L	No requirement	1	5				
		5-08-22	22-08-22	30-08-22	Salinity	ppt	No requirement	1	0.148				
Sep-22	Point 10 - Ambient air and weather monitoring station	12-10-22	17-10-22		NOx	ppb	Continuous	Continuous	0	7	68		
		12-10-22	17-10-22		O3	ppb	Continuous	Continuous	1	21	38		
	Point 11 - Air emissions monitoring	12-10-22	17-10-22		NOx	ppm	Continuous	Continuous	< 2132 g/min			< 2132 g/min	
		21-09-22	29-09-22		O&G	mg/L	Weekly during any discharge	17	Nil			nil visual	
	Point 8 - First Flush Effluent quality monitoring	12-10-22	17-10-22		pH		Weekly during any discharge	17	7.31	7.75	8.15	6.5-8.5	
		6-09-22	21-09-22	29-09-22	TSS	mg/L	No requirement	9	-				
		6-09-22	21-09-22	29-09-22	Salinity	ppt	No requirement	0	-				
		6-09-22	21-09-22	29-09-22	O&G	mg/L	Monthly	1	<5			nil visual	
	Point 9 - Process Water Effluent quality monitoring	6-09-22	21-09-22	29-09-22	pH		Monthly	1	7.33			6.5-8.5	
		6-09-22	21-09-22	29-09-22	TDS	mg/L	No requirement	1	131				
		6-09-22	21-09-22	29-09-22	TSS	mg/L	No requirement	1	7				
		6-09-22	21-09-22	29-09-22	Salinity	ppt	No requirement	1	0.153				
Oct-22	Point 11 - Air emissions monitoring	31-10-22	7-11-22		NOx	ppm	Continuous	Continuous	<2132 g/min			< 2132 g/min	
		3-11-22	7-11-22		O&G	mg/L	Weekly during any discharge	22	Nil			nil visual	No
	Point 8 - First Flush Effluent quality monitoring	3-11-22	7-11-22		pH		Weekly during any discharge	22	7.21	7.78	8.16	6.5-8.5	No
		11-10-22	24-10-22	7-11-22	TSS	mg/L	No requirement	0	-				
		11-10-22	24-10-22	7-11-22	Salinity	ppt	No requirement	0	-				
		11-10-22	24-10-22	7-11-22	O&G	mg/L	Monthly	1	<5			nil visual	No
	Point 9 - Process Water Effluent quality monitoring	11-10-22	24-10-22	7-11-22	pH		Monthly	1	7.52			6.5-8.5	No
		11-10-22	24-10-22	7-11-22	TDS	mg/L	No requirement	1	107				
		11-10-22	24-10-22	7-11-22	TSS	mg/L	No requirement	1	1				
		11-10-22	24-10-22	7-11-22	Salinity	ppt	No requirement	1	0.124				

Edits: November 2022: Table reformatting. Removal of ambient air data, this data is not required to be published as per NSW EPA 'Requirements for Publishing Pollution Monitoring Data'

First flush empty during monthly sampling

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