



**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);

**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	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				
	Point 9 - Process Water Effluent quality monitoring	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			
		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				
	Point 9 - Process Water Effluent quality monitoring	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			
		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				
Oct-20	Point 10 - Ambient air and weather monitoring station		12/11/20	16/11/20	NOx	ppb	Continuous	Continuous	1	8	76	
			12/11/20	16/11/20	O3	ppb	Continuous	Continuous	4	23	66	
	Point 11 - Air emissions monitoring		13/11/20	16/11/20	NOx	ppm	Continuous with limit of 2132 g/min	Continuous	<2132 g/min			
	Point 8 - First Flush Effluent quality monitoring		5/11/20	16/11/20	O&G	mg/L	Weekly during any discharge - no visible oil	5	nil			
			5/11/20	16/11/20	pH		Weekly during any discharge	5	7.4	7.96	8.39	
		8/10/20	6/11/20	16/11/20	TSS	mg/L	No requirement	1	10			
	Point 9 - Process Water Effluent quality monitoring	8/10/20	6/11/20	16/11/20	Salinity	ppt	No requirement	1	0.177			
		8/10/20	6/11/20	16/11/20	pH		Monthly	1	7.35			
		8/10/20	6/11/20	16/11/20	O&G	mg/L	Monthly	1	<5			
		8/10/20	6/11/20	16/11/20	TDS	mg/L	No requirement	1	168			
8/10/20		6/11/20	16/11/20	TSS	mg/L	No requirement	1	14				
8/10/20		6/11/20	16/11/20	Salinity	ppt	No requirement	1	0.2				
Nov-20	Point 10 - Ambient air and weather monitoring station		11/12/20	15/12/20	NOx	ppb	Continuous	Continuous	0	6	86	
			11/12/20	15/12/20	O3	ppb	Continuous	Continuous	1	21	74	
	Point 11 - Air emissions monitoring		15/12/20	15/12/20	NOx	ppm	Continuous with limit of 2132 g/min	Continuous	<2132 g/min			
	Point 8 - First Flush Effluent quality monitoring		4/12/20	15/12/20	O&G	mg/L	Weekly during any discharge - no visible oil	15	Nil			
			4/12/20	15/12/20	pH		Weekly during any discharge	15	7.17	7.88	8.43	
		4/11/20	16/11/20	1/12/20	TSS	mg/L	No requirement	1	13			
	Point 9 - Process Water Effluent quality monitoring	4/11/20	16/11/20	1/12/20	Salinity	ppt	No requirement	1	0.269			
		4/11/20	16/11/20	1/12/20	pH		Monthly	1	7.31			
		4/11/20	16/11/20	1/12/20	O&G	mg/L	Monthly	1	<5			
		4/11/20	16/11/20	1/12/20	TDS	mg/L	No requirement	1	104			
4/11/20		16/11/20	1/12/20	TSS	mg/L	No requirement	1	9				
4/11/20		16/11/20	1/12/20	Salinity	ppt	No requirement	1	0.127				

First flush was empty during sampling

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