

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



**Frequency:** 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);  
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				
			5/07/23	23/07/23	27/07/23	Salinity	ppt	No requirement	1	0.055				
	Point 9 - Process Water Effluent quality monitoring		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	No	
	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	No	
			3/09/23	6/09/23	pH		Weekly during any discharge	5	7.17	7.35	7.62	6.5-8.5	No	
					TSS	mg/L	No requirement		NA					
					Salinity	ppt	No requirement		NA					
	Point 9 - Process Water Effluent quality monitoring		4/08/23	21/08/23	24/08/23	O&G	mg/L	Monthly		<5			nil visual	No
			4/08/23	21/08/23	24/08/23	pH		Monthly		7.05			6.5-8.5	No
			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						
Sep-23	Point 11 - Air emissions monitoring		9/10/23	9/10/23	NOx	ppm	Continuous	Continuous	< 2132 g/min			< 2132 g/min	No	
	Point 8 - First Flush Effluent quality monitoring		3/10/23	9/10/23	O&G	visible	Weekly during any discharge	3	Nil			nil visual	No	
			3/10/23	9/10/23	pH		Weekly during any discharge	3	7.07	7.106	7.15	6.5-8.5	No	
			26/09/23	27/09/23	O&G	visible	Monthly		<5			nil visual	No	
	Point 9 - Process Water Effluent quality monitoring	6/09/23	26/09/23	27/09/23	pH		Monthly		6.96			6.5-8.5	No	
Oct-23	Point 11 - Air emissions monitoring		24/10/23	6/11/23	NOx	ppm	Continuous	Continuous	< 2132 g/min			< 2132 g/min	No	
	Point 8 - First Flush Effluent quality monitoring		3/11/23	6/11/23	O&G	visible	Weekly during any discharge	4	Nil			nil visual	No	
			3/11/23	6/11/23	pH		Weekly during any discharge	4	6.85	6.95	7.1	6.5-8.5	No	
	Point 9 - Process Water Effluent quality monitoring		4/10/23	20/10/23	6/11/23	O&G	visible	Monthly		<5			nil visual	No
			4/10/23	20/10/23	6/11/23	pH		Monthly		7.2			6.5-8.5	No
Nov-23	Point 11 - Air emissions monitoring		28/11/23	11/12/23	NOx	ppm	Continuous	Continuous	< 2132 g/min			< 2132 g/min	No	
	Point 8 - First Flush Effluent quality monitoring		3/12/23	11/12/23	O&G	visible	Weekly during any discharge	7	Nil			nil visual	No	
			3/12/23	11/12/23	pH		Weekly during any discharge	7	6.9	7.12	7.4	6.5-8.5	No	
	Point 9 - Process Water Effluent quality monitoring		6/11/23	21/11/23	11/12/23	O&G	visible	Monthly		<5			nil visual	No
			6/11/23	21/11/23	11/12/23	pH		Monthly		6.96			6.5-8.5	No
Dec-23	Point 11 - Air emissions monitoring		27/12/23	8/01/24	NOx	ppm	Continuous	Continuous	< 2132 g/min			< 2132 g/min	No	
	Point 8 - First Flush Effluent quality monitoring		3/01/24	8/01/24	O&G	visible	Weekly during any discharge	17	Nil			nil visual	No	
			3/01/24	8/01/24	pH		Weekly during any discharge	17	6.8	7.4	7.8	6.5-8.5	No	
	Point 9 - Process Water Effluent quality monitoring	4/12/23	22/12/23	8/01/24	O&G	visible	Monthly		<5			nil visual	No	
	4/12/23	22/12/23	8/01/24	pH		Monthly		6.98			6.5-8.5	No		
Jan-24	Point 11 - Air emissions monitoring		29/01/24	5/02/24	NOx	ppm	Continuous	Continuous	< 2132 g/min			< 2132 g/min	No	
	Point 8 - First Flush Effluent quality monitoring		3/02/24	5/02/24	O&G	visible	Weekly during any discharge	16	Nil			nil visual	No	
			3/02/24	5/02/24	pH		Weekly during any discharge	16	7	7.42	7.81	6.5-8.5	No	
	Point 9 - Process Water Effluent quality monitoring	12/01/24	29/01/24	5/02/24	O&G	visible	Monthly		<5			nil visual	No	
	12/01/24	29/01/24	5/02/24	pH		Monthly		7.04			6.5-8.5	No		
Feb-24	Point 11 - Air emissions monitoring		28/02/24	5/03/24	NOx	ppm	Continuous	Continuous	< 2132 g/min			< 2132 g/min	No	
	Point 8 - First Flush Effluent quality monitoring		3/03/24	5/03/24	O&G	visible	Weekly during any discharge	10	Nil			nil visual	No	
			3/03/24	5/03/24	pH		Weekly during any discharge	10	6.9	7.18	7.58	6.5-8.5	No	
	Point 9 - Process Water Effluent quality monitoring	7/02/24	20/02/24	5/03/24	O&G	visible	Monthly		<5			nil visual	No	
	7/02/24	20/02/24	5/03/24	pH		Monthly		6.92			6.5-8.5	No		
Mar-24	Point 11 - Air emissions monitoring		28/03/24	3/04/24	NOx	ppm	Continuous	Continuous	< 2132 g/min			< 2132 g/min	No	
	Point 8 - First Flush Effluent quality monitoring		3/04/24	3/04/24	O&G	visible	Weekly during any discharge	7	Nil			nil visual	No	
			3/04/24	3/04/24	pH		Weekly during any discharge	7	6.85	7.21	7.7	6.5-8.5	No	
	Point 9 - Process Water Effluent quality monitoring	8/03/24	21/03/24	3/04/24	O&G	visible	Monthly		<5			nil visual	No	
	8/03/24	21/03/24	3/04/24	pH		Monthly		7.48			6.5-8.5	No		