

Tower Power Station

Licence Number: 5357

Licence Holder: EDL CSM (NSW) PTY LTD

Licencee Address:
Douglas Park Drive
Douglas Park NSW 2569

Dates: FY 2024-25

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-24	Point 11 - Air emissions monitoring		27/07/24	6/08/24	NOx	ppm	Continuous	Continuous	< 2132 g/min			< 2132 g/min	No
	Point 8 - First Flush Effluent quality monitoring		3/08/24	6/08/24	O&G	visible	Weekly during any discharge	13	Nil			nil visual	No
			3/08/24	6/08/24	pH		Weekly during any discharge	13	7.00	7.23	7.60	6.5-8.5	No
	Point 9 - Process Water Effluent quality monitoring	4/07/24	24/07/24	6/08/24	O&G	visible	Monthly	1	<5			nil visual	No
Aug-24		4/07/24	24/07/24	6/08/24	pH		Monthly	1	6.96			6.5-8.5	No
	Point 11 - Air emissions monitoring		21/10/24	23/10/24	NOx	ppm	Continuous	Continuous	1457 g/min (max)			< 2132 g/min	No
	Point 8 - First Flush Effluent quality monitoring		3/09/24	3/09/24	O&G	visible	Weekly during any discharge	3	Nil			nil visual	No
			3/09/24	3/09/24	pH		Weekly during any discharge	3	7.1	7.25	7.36	6.5-8.5	No
Sep-24	Point 9 - Process Water Effluent quality monitoring	8/08/24	22/08/24	3/09/24	O&G	visible	Monthly	1	<5			nil visual	No
		8/08/24	22/08/24	3/09/24	pH		Monthly	1	6.79			6.5-8.5	No
	Point 11 - Air emissions monitoring		21/10/24	23/10/24	NOx	ppm	Continuous	Continuous	1213 g/min (max)			< 2132 g/min	No
	Point 8 - First Flush Effluent quality monitoring		3/10/24	3/10/24	O&G	visible	Weekly during any discharge	3	Nil			nil visual	No
Oct-24			3/10/24	3/10/24	pH		Weekly during any discharge	3	6.7	6.8	6.9	6.5-8.5	No
	Point 9 - Process Water Effluent quality monitoring	4/09/24	17/09/24	19/09/24	O&G	visible	Monthly	<5				nil visual	No
		4/09/24	17/09/24	19/09/24	pH		Monthly		6.68			6.5-8.5	No
	Point 11 - Air emissions monitoring		28/10/24	4/11/24	NOx	ppm	Continuous	Continuous	1257 g/min (max)			< 2132 g/min	No
Nov-24	Point 8 - First Flush Effluent quality monitoring		3/11/24	4/11/24	O&G	visible	Weekly during any discharge	4	Nil			nil visual	No
			3/11/24	4/11/24	pH		Weekly during any discharge	4	6.7	6.8	7.00	6.5-8.5	No
	Point 9 - Process Water Effluent quality monitoring	3/10/24	24/10/24	4/11/24	O&G	visible	Monthly	<5				nil visual	No
		3/10/24	24/10/24	4/11/24	pH		Monthly		6.65			6.5-8.5	No
Dec-24	Point 11 - Air emissions monitoring		1/12/24	4/12/24	NOx	ppm	Continuous	Continuous	1360 g/min (max)			< 2132 g/min	No
	Point 8 - First Flush Effluent quality monitoring		3/12/24	4/12/24	O&G	visible	Weekly during any discharge	3	Nil			nil visual	No
			3/12/24	4/12/24	pH		Weekly during any discharge	3	6.85	7.18	7.60	6.5-8.5	No
	Point 9 - Process Water Effluent quality monitoring	7/11/24	25/11/24	4/12/24	O&G	visible	Monthly	<5				nil visual	No
Jan-25		7/11/24	25/11/24	4/12/24	pH		Monthly		6.89			6.5-8.5	No
	Point 11 - Air emissions monitoring		1/01/25	8/01/25	NOx	ppm	Continuous	Continuous	1328 g/min (max)			< 2132 g/min	No
	Point 8 - First Flush Effluent quality monitoring		3/01/25	8/01/25	O&G	visible	Weekly during any discharge	31	Nil			nil visual	No
			3/01/25	8/01/25	pH		Weekly during any discharge	10	6.60	7.37	7.80	6.5-8.5	No
Feb-25	Point 9 - Process Water Effluent quality monitoring	4/12/24	6/01/25	8/01/25	O&G	visible	Monthly	<5				nil visual	No
		4/12/24	6/01/25	8/01/25	pH		Monthly		7.12			6.5-8.5	No
	Point 11 - Air emissions monitoring		1/02/25	3/02/25	NOx	ppm	Continuous	Continuous	1221 g/min (max)			< 2132 g/min	No
	Point 8 - First Flush Effluent quality monitoring		3/02/25	3/02/25	O&G	visible	Weekly during any discharge	12	Nil			nil visual	No
Mar-25			3/02/25	3/02/25	pH		Weekly during any discharge	12	6.62	7.08	7.43	6.5-8.5	No
	Point 9 - Process Water Effluent quality monitoring	6/01/25	17/01/25	3/02/25	O&G	visible	Monthly	<5				nil visual	No
		6/01/25	17/01/25	3/02/25	pH		Monthly		6.94			6.5-8.5	No
	Point 11 - Air emissions monitoring		1/03/25	4/03/25	NOx	ppm	Continuous	Continuous	1281 g/min (max)			< 2132 g/min	No
Apr-25	Point 8 - First Flush Effluent quality monitoring		3/02/25	4/03/25	O&G	visible	Weekly during any discharge	11	Nil			nil visual	No
			3/02/25	4/03/25	pH		Weekly during any discharge	11	6.70	7.36	8.00	6.5-8.5	No
	Point 9 - Process Water Effluent quality monitoring	7/02/25	24/02/25	4/03/25	O&G	visible	Monthly	<5				nil visual	No
		7/02/25	24/02/25	4/03/25	pH		Monthly		6.96			6.5-8.5	No
May-25	Point 11 - Air emissions monitoring		31/03/25	3/04/25	NOx	ppm	Continuous	Continuous	1301 g/min (max)			< 2132 g/min	No
	Point 8 - First Flush Effluent quality monitoring		3/04/25	3/04/25	O&G	visible	Weekly during any discharge	13	Nil			nil visual	No
			3/04/25	3/04/25	pH		Weekly during any discharge	13	6.9	7.28	7.86	6.5-8.5	No
	Point 9 - Process Water Effluent quality monitoring	6/03/25	21/03/25	3/04/25	O&G	visible	Monthly	>5				nil visual	No
Jun-25		6/03/25	21/03/25	3/04/25	pH		Monthly		7.12			6.5-8.5	No
	Point 11 - Air emissions monitoring		1/05/25	5/05/25	NOx	ppm	Continuous	Continuous	1903 g/min (max)			< 2132 g/min	No
	Point 8 - First Flush Effluent quality monitoring		3/05/25	5/05/25	O&G	visible	Weekly during any discharge	12	Nil			nil visual	No
			3/05/25	5/05/25	pH		Weekly during any discharge	12	7.19	7.52	8.01	6.5-8.5	No
Jul-25	Point 9 - Process Water Effluent quality monitoring	4/04/25	17/04/25	5/05/25	O&G	visible	Monthly	>5				nil visual	No
		4/04/25	17/04/25	5/05/25	pH		Monthly		7.03			6.5-8.5	No
	Point 11 - Air emissions monitoring		1/06/25	4/06/25	NOx	ppm	Continuous	Continuous	1718 g/min (max)			< 2132 g/min	No
	Point 8 - First Flush Effluent quality monitoring		3/06/25	4/06/25	O&G	visible	Weekly during any discharge	12	Nil			nil visual	No
Aug-25			3/06/25	4/06/25	pH		Weekly during any discharge	12	6.67	7.35	7.87	6.5-8.5	No
	Point 9 - Process Water Effluent quality monitoring	6/05/25	21/05/25	4/06/25	O&G	visible	Monthly	<5				nil visual	No
		6/05/25	21/05/25	4/06/25	pH		Monthly		6.75			6.5-8.5	No