

Tower Power Station
Licence Number: 5357
EDL CSM (NSW) PTY LTD
Licence Holder: PO BOX 4046
Licensee Address: Douglas Park Drive
Month: FY 2016-17

Month	Location of monitoring point	Sampled	Obtained	Published	Pollutant	Units	Monitoring Frequency (Licence)	Measurement during month	Min	Mean	Max
Jul-16	Point 10 - Ambient air and weather monitoring station	-	12/08/16	2/11/16	Nox	ppb	Continuous	Continuous	0	5	52
		-	12/08/16	2/11/16	O3	ppb	Continuous	Continuous	-1	-	26
	Point 11 - Air emissions monitoring	-	-	2/11/16	NOx	ppm	Continuous	Continuous	<2132g/min		
		5/07/16	21/07/16	2/11/16	O&G	mg/L	Weekly during any discharge	4	No visual		
	Point 8 - First Flush Effluent quality monitoring	-	-	2/11/16	pH		Weekly during any discharge	4	7.12	7.695	8.26
		5/07/16	21/07/16	2/11/16	TSS	mg/L		1	89		
		5/07/16	21/07/16	2/11/16	Salinity	ppt		1	0.07		
		5/07/16	21/07/16	2/11/16	O&G	mg/L	Monthly	1	<5		
		5/07/16	21/07/16	2/11/16	pH		Monthly	1	7.15		
	Aug-16	Point 10 - Ambient air and weather monitoring station		12/09/16	2/11/16	Nox	ppb	Continuous	Continuous	0	12
			12/09/16	2/11/16	O3	ppb	Continuous	Continuous	-1	-	32
Point 11 - Air emissions monitoring				2/11/16	NOx	ppm	Continuous	Continuous	<2132g/min		
				2/11/16	O&G	mg/L	Weekly during any discharge	5	No visual		
Point 8 - First Flush Effluent quality monitoring				2/11/16	pH		Weekly during any discharge	5	7.45	7.91	8.2
		2/08/16	29/08/16	2/11/16	TSS	mg/L	monthly	1	5		
		2/08/16	29/08/16	2/11/16	Salinity		Monthly	1	0.335		
		2/08/16	29/08/16	2/11/16	O&G	mg/L	Monthly	1	<5		
		2/08/16	29/08/16	2/11/16	pH		Monthly	1	7.48		
Sep-16		Point 10 - Ambient air and weather monitoring station		12/10/16	2/11/16	Nox	ppb	Continuous	Continuous	0	10
			12/10/16	2/11/16	O3	ppb	Continuous	Continuous	0	-	39
	Point 11 - Air emissions monitoring			2/11/16	NOx	ppm	Continuous	Continuous	<2132g/min		
				2/11/16	O&G	mg/L	Weekly during any discharge	5	No visual		
	Point 8 - First Flush Effluent quality monitoring			2/11/16	pH		Weekly during any discharge	3	7.2	7.47	7.7
		5/09/16	27/09/16	2/11/16	TSS	mg/L	Monthly	1	2		
		5/09/16	27/09/16	2/11/16	Salinity		Monthly	1	0.207		
		5/09/16	27/09/16	2/11/16	O&G	mg/L	Monthly	1	5		
		5/09/16	27/09/16	2/11/16	pH		Monthly	1	7.75		
	Oct-16	Point 10 - Ambient air and weather monitoring station	14/10/16	11/11/16	17/11/16	Nox	ppb	Continuous	Continuous	0	7
15/10/16			11/11/16	17/11/16	O3	ppb	Continuous	Continuous	0	21	45
Point 11 - Air emissions monitoring				17/01/16	NOx	ppm	Continuous	Continuous	<2132g/min		
				17/01/16	O&G	mg/L	Weekly during any discharge	5	No visual		
Point 8 - First Flush Effluent quality monitoring				17/01/16	pH		Weekly during any discharge	5	7	7.3	7.8
				17/01/16	TSS	mg/L	Monthly	0			
				17/01/16	Salinity		Monthly	0			
		4/10/16	19/10/16	17/11/16	O&G	mg/L	Monthly	1	<5		
		4/10/16	19/10/16	17/11/16	pH		Monthly	1	7.79		
Nov-16		Point 10 - Ambient air and weather monitoring station	12/12/16	12/12/16	13/12/16	Nox	ppb	Continuous	Continuous	0	7
	12/12/16		12/12/16	13/12/16	O3	ppb	Continuous	Continuous	-1	21	76
	Point 11 - Air emissions monitoring			13/12/16	NOx	ppm	Continuous	Continuous	<2132g/min		
				13/12/16	O&G	mg/L	Weekly during any discharge	5	No visual		
	Point 8 - First Flush Effluent quality monitoring			13/12/16	pH		Weekly during any discharge	7	7.3	7.9	
				13/12/16	TSS	mg/L	Monthly	0			
				13/12/16	Salinity		Monthly	0			
		2/11/16	28/11/16	7/12/16	O&G	mg/L	Monthly	1	<5		
		2/11/16	28/11/16	7/12/16	pH		Monthly	1	7.43		
	Dec-16	Point 10 - Ambient air and weather monitoring station	12/01/17	12/01/17	1/02/17	Nox	ppb	Continuous	Continuous	0	6
12/01/17			12/01/17	1/02/17	O3	ppb	Continuous	Continuous	-1	23	75
Point 11 - Air emissions monitoring				18/01/17	NOx	ppm	Continuous	Continuous	<2132g/min		
				18/01/17	O&G	mg/L	Weekly during any discharge	3	No visual		
Point 8 - First Flush Effluent quality monitoring				18/01/17	pH		Weekly during any discharge	3	6.8	7.3	7.6
				18/01/17	TSS	mg/L	Monthly	0			
				18/01/17	Salinity		Monthly	0			
		2/11/16	15/12/16	18/01/17	O&G	mg/L	Monthly	1	<5		
		2/11/16	15/12/16	18/01/17	pH		Monthly	1	7.36		
Jan-17		Point 10 - Ambient air and weather monitoring station	10/02/17	10/02/17	13/02/17	Nox	ppb	Continuous	Continuous	0	1
	10/02/17		10/02/17	13/02/17	O3	ppb	Continuous	Continuous	0	6	74
	Point 11 - Air emissions monitoring			13/02/17	NOx	ppm	Continuous	Continuous	<2132g/min		
				13/02/17	O&G	mg/L	Weekly during any discharge	3	No visual		
	Point 8 - First Flush Effluent quality monitoring			13/02/17	pH		Weekly during any discharge	3	7.2	7.8	8.35
		4/01/17	24/01/17	13/02/17	TSS	mg/L	Monthly	1	2		
		4/01/17	24/01/17	13/02/17	Salinity		Monthly	1	0.274		
		4/01/17	24/01/17	13/02/17	O&G	mg/L	Monthly	1	<5		
		4/01/17	24/01/17	13/02/17	pH		Monthly	1	7.18		
	Feb-17	Point 10 - Ambient air and weather monitoring station	10/03/17	10/03/17	15/03/17	NOx	ppb	Continuous	Continuous	0	10
10/03/17			10/03/17	15/03/17	O3	ppb	Continuous	Continuous	-2	20	76
Point 11 - Air emissions monitoring				15/03/17	NOx	ppm	Continuous	Continuous	<2132g/min		
				10/03/17	O&G	mg/L	Weekly during any discharge	4	No visual		
Point 8 - First Flush Effluent quality monitoring				10/03/17	pH		Weekly during any discharge	4	6.97	7.49	8.34
		3/02/17	21/02/17	10/03/17	TSS	mg/L	Monthly	1	5		
		3/02/17	21/02/17	10/03/17	Salinity		Monthly	1	0.516		
		3/02/17	21/02/17	10/03/17	O&G	mg/L	Monthly	1	<5		
		3/02/17	21/02/17	10/03/17	pH		Monthly	1	7.29		

The First Flush samples were not collected as the storage pits were empty at the time of collection

The First Flush samples were not collected as the storage pits were empty at the time of collection

The First Flush samples were not collected as the storage pits were empty at the time of collection

Mar-17	Point 10 - Ambient air and weather monitoring station	12/04/17	12/04/17	19/04/17	NOx	ppb	Continuous	Continuous	0	6	89
		12/04/17	12/04/17	19/04/17	O3	ppb	Continuous	Continuous	1	16	65
	Point 11 - Air emissions monitoring		27/03/17	19/04/17	NOx	ppm	Continuous	Continuous	<2132g/min		
	Point 8 - First Flush Effluent quality monitoring			11/04/17	O&G	mg/L	Weekly during any discharge	5	No Visual		
			27/03/17	11/04/17	pH		Weekly during any discharge	5	6.72	7.52	7.87
		2/03/17	31/03/17	11/04/17	TSS	mg/L	Monthly	1	2		
	Point 9 - Process Water Effluent quality monitoring	2/03/17	31/03/17	11/04/17	O&G	mg/L	Monthly	1	0.163		
		2/03/17	31/03/17	11/04/17	pH		Monthly	1	7.53		

Apr-17	Point 10 - Ambient air and weather monitoring station	12/05/17	19/05/17	NOx	ppb	Continuous	Continuous	0	13	225	
		12/05/17	19/05/17	O3	ppb	Continuous	Continuous	-1	15	43	
	Point 11 - Air emissions monitoring			3/05/17	NOx	ppm	Continuous	Continuous	<2132g/min		
	Point 8 - First Flush Effluent quality monitoring	4/04/17	26/04/17	3/05/17	O&G	mg/L	Weekly during any discharge	5	No Visual		
		4/04/17	26/04/17	3/05/17	pH		Weekly during any discharge	5	6.6	6.975	7.4
		4/04/17	26/04/17	3/05/17	TSS	mg/L	Monthly	1	2		
	Point 9 - Process Water Effluent quality monitoring	4/04/17	26/04/17	3/05/17	Salinity	ppt	Monthly	1	0.253		
		4/04/17	26/04/17	3/05/17	O&G	mg/L	Monthly	1	<5		
	4/04/17	26/04/17	3/05/17	pH		Monthly	1	7.76			

May-17	Point 10 - Ambient air and weather monitoring station	14/06/17	19/06/17	NOx	ppb	Continuous	Continuous	1	13	110	
		14/06/17	19/06/17	O3	ppb	Continuous	Continuous	-1	15	32	
	Point 11 - Air emissions monitoring		7/06/17	14/06/17	NOx	ppm	Continuous	Continuous	<2132g/min		
	Point 8 - First Flush Effluent quality monitoring		7/06/17	14/06/17	O&G	mg/L	Weekly during any discharge	5	No Visual		
			7/06/17	14/06/17	pH		Weekly during any discharge	5	7.3	7.874	8.4
		2/05/17	19/05/17	19/05/17	TSS	mg/L	Monthly	1	2		
	Point 9 - Process Water Effluent quality monitoring	2/05/17	19/05/17	19/05/17	Salinity	ppt	Monthly	1	0.331		
		2/05/17	19/05/17	19/05/17	O&G	mg/L	Monthly	1	<5		
	2/05/17	19/05/17	19/05/17	pH		Monthly	1	7.84			
	2/05/17	19/05/17	19/05/17	TSS	mg/L	Monthly	1	7			
	2/05/17	19/05/17	19/05/17	Salinity	ppt	Monthly	1	0.196			

Jun-17	Point 10 - Ambient air and weather monitoring station	13/07/17	13/07/17	NOx	ppb	Continuous	Continuous	1	12	127	
		13/07/17	13/07/17	O3	ppb	Continuous	Continuous	-1	14	27	
	Point 11 - Air emissions monitoring		3/07/17	6/07/17	NOx	ppm	Continuous	Continuous	<2132g/min		
	Point 8 - First Flush Effluent quality monitoring		3/07/17	6/07/17	O&G	mg/L	Weekly during any discharge	5	No Visual		
			3/07/17	6/07/17	pH		Weekly during any discharge	5	6.85	7.818	8.43
		1/06/17	-	6/07/17	TSS	mg/L	Monthly	0			
	Point 9 - Process Water Effluent quality monitoring	1/06/17	-	6/07/17	Salinity	ppt	Monthly	0			
		1/06/17	21/06/17	6/07/17	O&G	mg/L	Monthly	1	<5		
	1/06/17	21/06/17	6/07/17	pH		Monthly	1	7.6			
	1/06/17	21/06/17	6/07/17	TDS	mg/L	Monthly	1	124			
	1/06/17	21/06/17	6/07/17	TSS	mg/L	Monthly	1	7			
	1/06/17	21/06/17	6/07/17	Salinity	ppt	Monthly	1	0.15			

The First Flush samples were not collected as the storage pits were empty at the time of collection