Tower Power Station
Licence Number: 5357
Licence Holder: EDL CSM (NSW) PTY LTD



	Licence Number		(NICM) DTV	TD								1		
		r: EDL CSM (NSW) PTY LTD Douglas Park Drive												
	Licensee Address:	Douglas Pa	ark NSW 256	9										
	Dates	FY 2019-20		or ambient NO	v O3 (takan	off cito) and	I point source NO3 air emiss	ions:						
	Frequency	Spot sample Spot sample	ling weekly di ling monthly f		e for First Flu ater Effluent	sh pH and, O&G, pH;	oil and grease (O&G);	ions,						
Month	Location of monitoring	Sampled	Obtained	Published	Pollutant	Units	Monitoring Frequency and Limit	Measurement during month	Min	Mean	Max	Exceedance (Yes/No)]	
	Point 10 - Ambient air and		12/08/19	15/08/19	NOx	ppb	Continuous	Continuous	1	14	229	(163/140)	1	
	weather monitoring station		12/08/19	15/08/19	03	ppb	Continuous	Continuous	-1	20	34		1	
	Point 11 - Air emissions						Continuous with limit of							
	monitoring		31/07/19	9/08/19	NOx	ppm	2132 g/min	Continuous		<2132g/ı	nin	No		
	Point 8 - First Flush Effluent quality monitoring		8/08/19	9/08/19	O&G	mg/L	Weekly during any	5		Nil			1	
Jul-19			8/08/19	9/08/19	pH		discharge Weekly during any	5	7.1	7.46	8.1			
oui-15			8/08/19	9/08/19	TSS	ma/l	discharge No requirement	0	7.1	7.40	8.1		First Street and the Aires	
				9/08/19	Salinity	mg/L ppt	No requirement No requirement	0					First flush empty at the time of SAS sampling	
	Point 9 - Process Water Effluent quality monitoring	3/07/19	23/07/19	9/08/19	O&G	mg/L	Monthly	1		<5				
		3/07/19	23/07/19	9/08/19	pH TDS	mg/L	Monthly No requirement	1		7.41 162				
		3/07/19	23/07/19	9/08/19	TSS	mg/L	No requirement	1		102			•	
		3/07/19	23/07/19	9/08/19	Salinity	ppt	No requirement	1		0.194]	
	Point 10 - Ambient air and		12/09/19	18/09/19	NOx	ppb	Continuous	Continuous	0	16	454			
	weather monitoring station		12/09/19	18/09/19	О3	ppb	Continuous	Continuous	-4	21	36		_	
	Point 11 - Air emissions monitoring		3/09/19	10/09/19	NOx	ppm	Continuous with limit of 2132 g/min	Continuous		<2132g/i	min	No		
			5/09/19	10/09/19	O&G	mg/L	Weekly during any discharge	4		Nil				
Aug-19	Point 8 - First Flush		5/09/19	10/09/19	рН		Weekly during any	4	7.02	7.49	7.71		1	
/ ag io	Effluent quality monitoring	5/08/19	22/08/19	10/09/19	TSS	mg/L	discharge No requirement	0			l		First flush empty at the time	
		5/08/19	22/08/19	10/09/19	Salinity	ppt	No requirement	0					of SAS sampling	
	Point 9 - Process Water Effluent quality monitoring	5/08/19 5/08/19	22/08/19	10/09/19	O&G pH	mg/L	Monthly Monthly	1		<5 7.53			-	
		5/08/19	22/08/19	10/09/19	TDS	mg/L	No requirement	1		106			1	
		5/08/19	22/08/19	10/09/19	TSS	mg/L	No requirement	1		6]	
		5/08/19	22/08/19 11/10/19	10/09/19 18/10/19	Salinity	ppt ppb	No requirement Continuous	1 Continuous	0	0.128	169		1	
	Point 10 - Ambient air and weather monitoring station		11/10/19	18/10/19	03	ppb	Continuous	Continuous	5	23	44		1	
	Point 11 - Air emissions		11/10/19	18/10/19	NOx	-	Continuous with limit of			< 2132 g/		NI-		
	monitoring					ppm	2132 g/min Weekly during any	Continuous			111111	No		
	Point 8 - First Flush Effluent quality monitoring		30/09/19	11/10/19	O&G	mg/L	discharge	9		Nil	I		-	
Sep-19			30/09/19	11/10/19	pН		Weekly during any discharge	9	7.04	7.48	7.68			
		3/09/19	3/10/19	11/10/19	TSS	mg/L	No requirement	0		-			First flush empty at the time of SAS sampling	
		3/09/19	3/10/19	11/10/19 11/10/19	Salinity O&G	ppt mg/L	No requirement Monthly	0		<5			or SAS sampling	
	Point 9 - Process Water	3/09/19	3/10/19	11/10/19	рН		Monthly	1		9.28			1	
	Effluent quality monitoring	3/09/19	3/10/19 3/10/19	11/10/19 11/10/19	TDS	mg/L mg/L	No requirement No requirement	1	-	179				
		3/09/19	3/10/19	11/10/19	Salinity	ppt	No requirement	1		0.211			<u> </u>	
	Point 10 - Ambient air and		13/11/19	18/11/19	NOx	ppb	Continuous	Continuous	0	9	165			
	weather monitoring station		13/11/19	18/11/19	О3	ppb	Continuous	Continuous	2	25	78			
	Point 11 - Air emissions		30/10/19	18/11/19	NOx	ppm	Continuous with limit of 2132 g/min	Continuous		< 2132 g/	min	No		
	monitoring		7/11/19	7/11/19	O&G	mg/L	Weekly during any	15		Nil				
	Point 8 - First Flush Effluent quality monitoring					IIIg/L	discharge Weekly during any		-	1	1		-	
Oct-19			7/11/19	7/11/19	pН		discharge	15	7.02	7.51	7.81			
		2/10/19	29/10/19 29/10/19	7/11/19 7/11/19	TSS Salinity	mg/L ppt	No requirement No requirement	0		-			First flush empty at the time of SAS sampling	
1		2/10/19	29/10/19	7/11/19	O&G	mg/L	Monthly	1		<5				
	Point 9 - Process Water Effluent quality monitoring	2/10/19	29/10/19	7/11/19	рН		Monthly	1		7.69				
		2/10/19	29/10/19 29/10/19	7/11/19 7/11/19	TDS	mg/L mg/L	No requirement No requirement	1		119			1	
		2/10/19	29/10/19	7/11/19	Salinity	ppt	No requirement	1		0.143			1	
	Point 10 - Ambient air and		12/12/19	20/12/19	NOx	ppb	Continuous	Continuous	1	7	91]	
	weather monitoring station		12/12/19	20/12/19	О3	ppb	Continuous	Continuous	1	27	122			
	Point 11 - Air emissions monitoring	<u>L</u>	12/12/19	20/12/19	NOx	ppm	Continuous with limit of 2132 g/min	Continuous		< 2132 g/	min	No		
	Point 8 - First Flush Effluent quality monitoring		3/12/19	11/12/19	O&G	mg/L	Weekly during any discharge	9		Nil			1	
l			3/12/19	11/12/19	pН		Weekly during any	2	7.11	7.12	7.12		1	
Nov-19		4/11/19	2/11/19	11/12/19	TSS	mg/L	discharge No requirement	0	7.11	8	1.12		-	
1		4/11/19	2/11/19	11/12/19	Salinity	ppt	No requirement	0		0.144			1	
	Point 9 - Process Water Effluent quality monitoring	4/11/19	2/11/19	11/12/19	O&G	mg/L	Monthly	1		<5				
		4/11/19 4/11/19	2/11/19 2/11/19	11/12/19 11/12/19	pH TDS	mg/L	Monthly No requirement	1		7.34 191			1	
1		4/11/19	2/11/19	11/12/19	TSS	mg/L	No requirement	1		14			1	
<u> </u>		4/11/19	2/11/19	11/12/19	Salinity	ppt	No requirement	1		0.225	00		4	
	Point 10 - Ambient air and weather monitoring station	-	10/01/20	15/01/20 15/01/20	NOx O3	ppb	Continuous	Continuous	1 < LD	9 L 27	83 120		1	
	Point 11 - Air emissions		6/01/20	15/01/20	NOx		Continuous Continuous with limit of	Continuous	1	< 2132 g/		No	1	
	monitoring					ppm	2132 g/min Weekly during any			2 102 g/		INU	1	
Dec-19	Point 8 - First Flush Effluent quality monitoring		20/01/20	20/01/20	O&G	mg/L	discharge Weekly during any	0		_			-	
			20/01/20	20/01/20	pH		discharge	0	-	-	-			
		3/12/19	23/12/19	15/01/20 15/01/20	TSS Salinity	mg/L ppt	No requirement No requirement	0		-			First flush empty at the time of SAS sampling	
1		3/12/19	23/12/19	15/01/20	O&G	mg/L	Monthly	1		<5				
	Point 9 - Process Water	3/12/19	23/12/19	15/01/20	pH		Monthly	1		7.54				
1	Effluent quality monitoring	3/12/19	23/12/19	15/01/20	TDS	mg/L	No requirement	1		134		L]	

	naoni quality monitoring	3/12/19	23/12/19	15/01/20	TSS Solinity	mg/L	No requirement	1	10 0.158			1
		3/12/19	23/12/19	15/01/20	Salinity	ppt	No requirement		0.158	06		1
	oint 10 - Ambient air and		12/02/20	20/02/20	NOx	ppb	Continuous	Cont.		96		İ
	eather monitoring station		12/02/20	20/02/20	О3	ppb	Continuous	Cont.	0 26 1	102		1
	oint 11 - Air emissions		31/01/20	5/02/20	NOx	ppm	Continuous with limit of 2132 g/min	Continuous	< 2132 g/min		No	1
inc	Point 8 - First Flush Effluent quality monitoring		20/01/20	5/02/20	O&G		Weekly during any	2	Nil			1
			20/01/20	5/02/20	υαυ	mg/L	discharge	2	INII			ł
			20/01/20	5/02/20	рН		Weekly during any discharge	2	7.57 7.74 7	.91		1
[EII	naont quality monitoring	6/01/20	21/01/20	5/02/20	TSS	mg/L	No requirement	0	-			First flush empty at the
		6/01/20	21/01/20	5/02/20	Salinity	ppt	No requirement	0	-			of SAS samplin
		6/01/20	21/01/20	5/02/20	O&G	mg/L	Monthly	1	<5			
Po	Point 9 - Process Water	6/01/20	21/01/20	5/02/20	pН		Monthly	1	6.9			
	fluent quality monitoring	6/01/20	21/01/20	5/02/20	TDS	mg/L	No requirement	1	87			
		6/01/20	21/01/20	5/02/20	TSS	mg/L	No requirement	1	27			
		6/01/20	21/01/20	5/02/20	Salinity	ppt	No requirement	1	0.104			ł
	oint 10 - Ambient air and		12/03/20	25/03/20	NOx	ppb	Continuous	Cont.	0 7 1	119		
we	eather monitoring station		12/03/20	25/03/20	О3	ppb	Continuous	Cont.	0 21	85		
	oint 11 - Air emissions		9/03/20	25/03/20	NOx	ppm	Continuous with limit of	Continuous	< 2132 g/min		No	
mo	monitoring Point 8 - First Flush Effluent quality monitoring					-	2132 g/min Weekly during any					
			9/03/20	25/03/20	O&G	mg/L	discharge	14	Nil			j
			9/03/20	25/03/20	рН		Weekly during any	14	6.89 7.80 8	3.25		1
Feb-20 Eff		3/02/20		25/03/20	TSS	mc/I	discharge No requirement	1	18			1
		3/02/20	25/03/20 25/03/20	25/03/20 25/03/20	Salinity	mg/L ppt	No requirement No requirement	1	0.096			1
\vdash		3/02/20	25/03/20	25/03/20	O&G	mg/L	Monthly	1	<5			1
	Point 9 - Process Water Effluent quality monitoring	3/02/20	25/03/20	25/03/20	pH	g/ L	Monthly	1	7.33			1
		3/02/20	25/03/20	25/03/20	TDS	mg/L	No requirement	1	179			1
I _{EII}		3/02/20	25/03/20	25/03/20	TSS	mg/L	No requirement	1	28]
		3/02/20	25/03/20	25/03/20	Salinity	ppt	No requirement	1	0.211			i
Po	oint 10 - Ambient air and		9/04/20	20/04/20	NOx	ppb	Continuous	Cont.	1 10	73		1
	eather monitoring station		9/04/20	20/04/20	03	ppb	Continuous	Cont.		58		1
Po	oint 11 - Air emissions						Continuous with limit of				NI-	1
	onitoring		1/04/20	20/04/20	NOx	ppm	2132 g/min	Continuous	< 2132 g/min		No	1
			1/04/20	20/04/20	O&G	mg/L	Weekly during any discharge	7	Nil			1
Do	oint 8 - First Flush					L	Weekly during any					1
	Effluent quality monitoring		1/04/20	20/04/20	pН		discharge	7	6.95 7.11 7	7.95		
[. ,	3/03/20	25/03/20	25/03/20	TSS	mg/L	No requirement	0				First flush empty at th
		3/03/20	25/03/20	25/03/20	Salinity	ppt	No requirement	0	-			of SAS sampling
	Point 9 - Process Water Effluent quality monitoring	3/03/20	25/03/20	25/03/20	O&G	mg/L	Monthly	1	<5			
Po		3/03/20	25/03/20	25/03/20	pН		Monthly	1	7.52			
		3/03/20	25/03/20	25/03/20	TDS	mg/L	No requirement	1	131			
		3/03/20	25/03/20 25/03/20	25/03/20 25/03/20	TSS	mg/L	No requirement	1	0.153			
		3/03/20			Salinity	ppt	No requirement					1
	oint 10 - Ambient air and		13/05/20	13/05/20	NOx	ppb	Continuous	Cont.		144		1
	eather monitoring station		13/05/20	13/05/20	О3	ppb	Continuous	Cont.	1 17	51		i
	oint 11 - Air emissions		1/05/20	7/05/20	NOx	ppm	Continuous with limit of	Continuous	< 2132 g/min		No	1
mo	monitoring					-	2132 g/min Weekly during any					1
	Point 8 - First Flush Effluent quality monitoring		1/05/20	7/05/20	O&G	mg/L	discharge	13	Nil			1
			1/05/20	7/05/20	рН	1	Weekly during any	13	7.02 7.35 7	.83		1
Apr-20 Eff		3/04/20	22/04/20	7/05/20	TSS	ma/l	discharge No requirement	1	8			1
		3/04/20	22/04/20	7/05/20	Salinity	mg/L ppt	No requirement	1	0.101			1
<u></u> ⊢		3/04/20	22/04/20	7/05/20	O&G	mg/L	Monthly	1	<5			1
_	Balada B	3/04/20	22/04/20	7/05/20	рН	Ľ	Monthly	1	7.3			j
	oint 9 - Process Water fluent quality monitoring	3/04/20	22/04/20	7/05/20	TDS	mg/L	No requirement	1	123			i
["	quanty mornioring	3/04/20	22/04/20	7/05/20	TSS	mg/L	No requirement	1	11			1
		3/04/20	22/04/20	7/05/20	Salinity	ppt	No requirement	1	0.144			1
Po	oint 10 - Ambient air and		12/06/20	15/06/20	NOx	ppb	Continuous	Cont.	0 8 1	124		1
	eather monitoring station		12/06/20	15/06/20	03	ppb	Continuous	Cont.	1 16	31		1
Po	oint 11 - Air emissions						Continuous with limit of					1
	monitoring		2/06/20	8/06/20	NOx	ppm	2132 g/min	Continuous	< 2132 g/min		No	1
			2/06/20	8/06/20	O&G	mg/L	Weekly during any	13	Nil			1
Do	Point 8 - First Flush Effluent quality monitoring					+	discharge Weekly during any					1
			2/06/20	8/06/20	pН	<u> </u>	discharge	13		8.6		j
[]		5/05/20	21/05/20	8/06/20	TSS	mg/L	No requirement	1	13			ı
		5/05/20	21/05/20	8/06/20	Salinity	ppt	No requirement	1	0.27			1
		5/05/20	21/05/20	8/06/20	O&G	mg/L	Monthly	1	<5 7.60			1
	oint 9 - Process Water	5/05/20	21/05/20	8/06/20	pH	m e: //	Monthly	1	7.69			ĺ
	fluent quality monitoring	5/05/20	21/05/20	8/06/20	TDS	mg/L	No requirement	1	122 7			1
		5/05/20 5/05/20	21/05/20 21/05/20	8/06/20 8/06/20	Salinity	mg/L ppt	No requirement No requirement	1	0.146			1
		0/00/20	10/07/20	16/07/20	NOx			Cont.	1 1	108		1
	oint 10 - Ambient air and					ppb	Continuous					ł
we	eather monitoring station		10/07/20	16/07/20	О3	ppb	Continuous	Cont.	1 16	31		1
	oint 11 - Air emissions		1/07/20	6/07/20	NOx	ppm	Continuous with limit of	Continuous	< 2132 g/min		No	1
mo	onitoring		1/01/20	0/01/20		PPIII	2132 g/min	Johandous	2.02 g/illill		. 40	ı
[Point 8 - First Flush Effluent quality monitoring		1/07/20	6/07/20	O&G	mg/L	Weekly during any	15	Nil		_	1
Do						L	discharge Weekly during any					1
Jun-20 Eff			1/07/20	6/07/20	pН		discharge	15	7.11 7.51	8.1		
[]		2/06/20	17/06/20	18/06/20	TSS	mg/L	No requirement	0	· - ·			First flush empty at th
		2/06/20	17/06/20	18/06/20	Salinity	ppt	No requirement	0	-			of SAS sampling
	Point 9 - Process Water Effluent quality monitoring	2/06/20	17/06/20	18/06/20	O&G	mg/L	Monthly	1	< 5			1
Po		2/06/20	17/06/20	18/06/20	pH	-	Monthly	1	7.42			1
		2/06/20	17/06/20	18/06/20	TDS	mg/L	No requirement	1	106			1
		2/06/20	17/06/20	18/06/20	TSS Solinity	mg/L	No requirement	1	0.127			1
		2/06/20	17/06/20	18/06/20	Salinity	ppt	No requirement	1	0.127			1
Annual Po	oint 7 - First flush and											1
	ocess water 'Wastewater					1						1
review of pro					I .	1	i .					1
review of provolume Vo	olume Monitoring Point' ol drawing 824-BA-072		29/06/20	29/07/20	Volume	kL/day	Daily, collated annually	366	0.00 5.1 12	9.40		

Change Log

Date Change
16/07/20 Included frequency of sampling into data sheet
28/07/20 Included sampling requirement for each month to match licence
29/07/20 Included volume monitoring data