

Appin Power Station  
 Licence Number: 5482  
 Licence Holder: EDL CSM (NSW) PTY LTD  
 Licensee Address: Appin Coal Seam Methane Power Station  
 Month: FY 2018-2019

Month	Location of monitoring point	Sampled	Obtained	Published	Pollutant	Units	Monitoring frequency (licence)	Licence Limit	Measurement during month	Min	Mean	Max	Exceedance (Yes/No)
Jul-18	Point 10 - Ambient air and weather monitoring station		8/08/18	22/08/18	NOx	ppb	Continuous		Cont.	1	11	65	
			8/08/18	22/08/18	O3	ppb	Continuous		Cont.	-1	19	31	
	Point 13 - Air emissions monitoring		2/08/18	3/08/18	NOx	ppm	Continuous	2878g/min	Cont.		<2878g/min		No
		Point 11 - First Flush Effluent quality monitoring		2/08/18	3/08/18	O&G	mg/L	Weekly during any discharge			0		
			2/08/18	3/08/18	pH		Weekly during any discharge			0			
	2/07/18		23/07/18	3/08/18	Salinity	ppt	Monthly			0			
	2/07/18		23/07/18	3/08/18	TSS	mg/L	Monthly			0			
	Point 12 - Process Water Effluent quality monitoring	2/07/18	23/07/18	3/08/18	O&G	mg/L	Monthly			1	<5		
		2/07/18	23/07/18	3/08/18	pH		Monthly			1	7.13		
		2/07/18	23/07/18	3/08/18	Salinity	ppt	Monthly			1	0.168		
		2/07/18	23/07/18	3/08/18	TDS	mg/L	Monthly			1	141		
		2/07/18	23/07/18	3/08/18	TSS	mg/L	Monthly			1	7		
		2/07/18	23/07/18	3/08/18	BOD	mg/L	Monthly			1	<2		
	Point 16 - Septic waste water Effluent quality monitoring	2/07/18	23/07/18	3/08/18	FC	units/100ml	Monthly			1	<1		
		2/07/18	23/07/18	3/08/18	O&G	mg/L	Monthly			1	<3		
		2/07/18	23/07/18	3/08/18	TN	mg/L	Monthly			1	52		
2/07/18		23/07/18	3/08/18	TDS	mg/L	Monthly			1	468			
2/07/18		23/07/18	3/08/18	TSS	mg/L	Monthly			1	10			
2/07/18		23/07/18	3/08/18	TP	mg/L	Monthly			1	15			
Point 10 - Ambient air and weather monitoring station			12/09/18	14/09/18	NOx	ppb	Continuous		Cont.	1	7	85	
			12/09/18	14/09/18	O3	ppb	Continuous		Cont.	0	21	35	
Point 13 - Air emissions monitoring		25/09/18	27/09/18	NOx	ppm	Continuous	2878g/min	Cont.		<2878g/min		No	
	Point 11 - First Flush Effluent quality monitoring		25/09/18	27/09/18	O&G	mg/L	Weekly during any discharge			4	nil		
		25/09/18	27/09/18	pH		Weekly during any discharge			4	7.75	7.86	7.97	
2/08/18		29/08/18	14/09/18	Salinity	ppt	Monthly			1	0.234			
2/08/18		29/08/18	14/09/18	TSS	mg/L	Monthly			1	3			
Point 12 - Process Water Effluent quality monitoring	2/08/18	29/08/18	14/09/18	O&G	mg/L	Monthly			1	<5			
	2/08/18	29/08/18	14/09/18	pH		Monthly			1	7.02			
	2/08/18	29/08/18	14/09/18	Salinity	ppt	Monthly			1	0.141			
	2/08/18	29/08/18	14/09/18	TDS	mg/L	Monthly			1	118			
	2/08/18	29/08/18	14/09/18	TSS	mg/L	Monthly			1	1			
	2/08/18	29/08/18	14/09/18	BOD	mg/L	Monthly			1	<2			
Point 16 - Septic waste water Effluent quality monitoring	2/08/18	29/08/18	14/09/18	FC	units/100ml	Monthly			1	<10			
	2/08/18	29/08/18	14/09/18	O&G	mg/L	Monthly			1	<3			
	2/08/18	29/08/18	14/09/18	TN	mg/L	Monthly			1	63			
	2/08/18	29/08/18	14/09/18	TDS	mg/L	Monthly			1	415			
	2/08/18	29/08/18	14/09/18	TSS	mg/L	Monthly			1	10			
	2/08/18	29/08/18	14/09/18	TP	mg/L	Monthly			1	12			
	Point 10 - Ambient air and weather monitoring station		12/10/18	22/10/18	NOx	ppb	Continuous		Cont.	1	7	109	
			12/10/18	22/10/18	O3	ppb	Continuous		Cont.	0	21	36	
Point 13 - Air emissions monitoring		18/10/18	22/10/18	NOx	ppm	Continuous	2878g/min	Cont.		<2878g/min		no	
	Point 11 - First Flush Effluent quality monitoring		18/10/18	22/10/18	O&G	mg/L	Weekly during any discharge			3	nil		
		18/10/18	22/10/18	pH		Weekly during any discharge			3	7.60	7.86	8.4	
4/09/18		21/09/18	10/10/18	Salinity	ppt	Monthly			1	0.146			
4/09/18		21/09/18	10/10/18	TSS	mg/L	Monthly			1	1			
Point 12 - Process Water Effluent quality monitoring	4/09/18	21/09/18	10/10/18	O&G	mg/L	Monthly			1	<5			
	4/09/18	21/09/18	10/10/18	pH		Monthly			1	6.98			
	4/09/18	21/09/18	10/10/18	Salinity	ppt	Monthly			1	0.15			
	4/09/18	21/09/18	10/10/18	TDS	mg/L	Monthly			1	124			
	4/09/18	21/09/18	10/10/18	TSS	mg/L	Monthly			1	2			
	4/09/18	21/09/18	10/10/18	BOD	mg/L	Monthly			1	<2			
Point 16 - Septic waste water Effluent quality monitoring	4/09/18	21/09/18	10/10/18	FC	units/100ml	Monthly			1	<10			
	4/09/18	21/09/18	10/10/18	O&G	mg/L	Monthly			1	<3			
	4/09/18	21/09/18	10/10/18	TN	mg/L	Monthly			1	61			
	4/09/18	21/09/18	10/10/18	TDS	mg/L	Monthly			1	472			
	4/09/18	21/09/18	10/10/18	TSS	mg/L	Monthly			1	11			
	4/09/18	21/09/18	10/10/18	TP	mg/L	Monthly			1	12			
	Point 10 - Ambient air and weather monitoring station		12/11/18	15/11/18	NOx	ppb	Continuous		Cont.	1	16	128	
			12/11/18	15/11/18	O3	ppb	Continuous		Cont.	-1	19	49	
Point 13 - Air emissions monitoring		31/10/18	15/11/18	NOx	ppm	Continuous	2878g/min	Cont.		<2878g/min		no	
	Point 11 - First Flush Effluent quality monitoring		31/10/18	7/11/18	O&G	mg/L	Weekly during any discharge			8	nil		
		31/10/18	7/11/18	pH		Weekly during any discharge			8	7.80	7.97	8.1	
3/10/18		23/10/18	7/11/18	Salinity	ppt	Monthly			1	0.442			
3/10/18		23/10/18	7/11/18	TSS	mg/L	Monthly			1	<1			
Point 12 - Process Water Effluent quality monitoring	3/10/18	23/10/18	7/11/18	O&G	mg/L	Monthly			1	<5			
	3/10/18	23/10/18	7/11/18	pH		Monthly			1	6.97			
	3/10/18	23/10/18	7/11/18	Salinity	ppt	Monthly			1	0.15			
	3/10/18	23/10/18	7/11/18	TDS	mg/L	Monthly			1	124			
	3/10/18	23/10/18	7/11/18	TSS	mg/L	Monthly			1	1			
	3/10/18	23/10/18	7/11/18	BOD	mg/L	Monthly			1	<2			
Point 16 - Septic waste water Effluent quality monitoring	3/10/18	23/10/18	7/11/18	FC	units/100ml	Monthly			1	<10			
	3/10/18	23/10/18	7/11/18	O&G	mg/L	Monthly			1	<3			
	3/10/18	23/10/18	7/11/18	TN	mg/L	Monthly			1	18			
	3/10/18	23/10/18	7/11/18	TDS	mg/L	Monthly			1	406			
	3/10/18	23/10/18	7/11/18	TSS	mg/L	Monthly			1	21			
	3/10/18	23/10/18	7/11/18	TP	mg/L	Monthly			1	11			

Note: First flush empty during July - no water sampled