

Appin Power Station Licence Number: 5482 Licence Holder: EDL CSM (NSW) PTY LTD Licensee Address: Appin Coal Seam Methane Power Station Northhampton Dale Road Appin NSW 2560 Month: FY 2018-2019

Point 9 Point 9 <t< th=""><th>11 65 19 31 8g/min no nil </th><th>1 11</th><th>during month</th><th></th><th></th><th>Units</th><th>Pollutant</th><th>Published</th><th>Obtained</th><th>Compled</th><th></th><th></th></t<>	11 65 19 31 8g/min no nil	1 11	during month			Units	Pollutant	Published	Obtained	Compled							
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station 1200/16 1400/16 0/2 ppb/// Confluous 2700/16 Confluous 2700/17			Cont.		,	-	NOx				Point 10 - Ambient air and weather monitoring						
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monitoring 2008/18			1				P				Point 12 - Process Water Effluent quality	Aug-18					
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Point 11 - First Flush Effluent quality monitoring 18/10/18 22/10/18 pH weekly during ng 7 7.6.0 8.1.5 i Sep-18 Point 12 - Process Water Effluent quality monitoring 4/09/18 21/09/18 10/10/18 Sainity ppt Monthly 1 1 0.146 4/09/18 21/09/18 10/10/18 OKG mg/L Monthly 1 1 5 9 point 12 - Process Water Effluent quality monitoring 4/09/18 21/09/18 10/10/18 Sainity pt Monthly 1 0.15 4/09/18 21/09/18 10/10/18 Sainity pt Monthly 1 21/2 4/09/18 21/09/18 10/10/18 Sainity pt Monthly 1 21/2 4/09/18 21/09/18 10/10/18 Sainity pt Monthly 1 21/2 Point 16 - Septic waste water Effluent quality 4/09/18 21/09/18 10/10/18 FCC cfu/100mL Monthly 1 1 21/2	09/11111 110	~207 0g/11	CONT.	20709/1111	Weekly during	ppm	NOA	22/10/10	10/10/10		Tome to - All chilipatoria monitoring						
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Montioning 4/09/18 2/109/18 10/10/18 TDS mg/L Monthly 1 124 4/09/18 2/109/18 10/10/18 TDS mg/L Monthly 1 1 2 4/09/18 2/109/18 10/10/18 TDS mg/L Monthly 1 2 Point 16 - Septic waste water Effluent quality monitoring 4/09/18 2/109/18 10/10/18 DGC ch/1/00ML Monthly 1 <			1			ppt											
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4/09/18 21/09/18 10/10/18 TP mg/L Monthy 1 12 Point 10 - Ambient air and weather monitoring station 12/11/18 15/11/18 NOX ppb Continuous Cont. 1 16 12 Point 13 - Air emissions monitoring 12/11/18 15/11/18 03 ppb Continuous Cont. -1 16 12 Point 13 - Air emissions monitoring 31/10/18 15/11/18 NOX ppm Continuous Cont. -1 18 12 Point 11 - First Flush Effluent quality monitoring 31/10/18 7/11/18 O&G mg/L any discharge 14 nil 3/10/18 23/10/18 7/11/18 ISM 11/19 ISM 11/19 <t< td=""><td>72</td><td>472</td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>inoniorilly</td><td></td></t<>	72	472	1								inoniorilly						
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Point 13 - Air emissions monitoring 31/10/18 15/11/18 NOx ppm Continuous 2878g/min Cont. <2878g/min Point 13 - Air emissions monitoring 31/10/18 15/11/18 NOx ppm Continuous 2878g/min Cont. <2878g/min																	
Point 11 - First Flush Effluent quality monitoring 31/10/18 7/11/18 0&G mg/L any discharge 14 nil 31/10/18 7/11/18 Pd Weekly during any discharge 14 7.97 ri 31/10/18 231/10/18 7/11/18 Saliny ppt Monthly 1 0.442 31/10/18 231/10/18 7/11/18 TSS mg/L Monthly 1 0.442 31/10/18 231/10/18 7/11/18 TSS mg/L Monthly 1 <.42				2878g/min	Continuous		NOx										
Point 11 - First Flush Effluent quality monitoring 3/10/18 7/11/18 pH Weekly during any discharge 14 7.80 7.97 14 3/10/18 23/10/18 7/11/18 Salinity pt Monthly 1 0.442 3/10/18 23/10/18 7/11/18 TSS mg/L Monthly 1 0.442 3/10/18 23/10/18 7/11/18 TSS mg/L Monthly 1 <1	nil	nil.	14			ma/l	086	7/11/18	31/10/19								
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 0.442 3/10/18 23/10/18 7/11/18 TSS mg/L Monthly 1 <1					Weekly during	-rig/L					Print dd Elwis Elwis Ellis						
3/10/18 23/10/18 7/11/18 TSS mg/L Monthly 1 <1 3/10/18 23/10/18 7/11/18 OSG mg/L Monthly 1 <1			14			L .					Point 11 - First Flush Ettluent quality monitoring						
3/10/18 23/10/18 7/11/18 0AG mg/L Monthly 1 <5			1														
			1														
		6.97	1		Monthly		pH	7/11/18	23/10/18	3/10/18	Deint 42 Dreeses Weter Efferent multi-	Oct-18					
Oriti T2 Process Water Entuent quality 3/10/18 2/3/10/18 Salinity ppt Monthly 1 0.15	.15	0.15	1														
3/10/18 23/10/18 1/11/18 IDS mg/L Monthly 1 124			1														
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			1														
3/10/18 23/0/18 FC du/10/14 Monthy 1 <1 <10			1														
Baint 16 Spatia wasta wasta Effluent availation 3/10/18 23/10/18 7/11/18 O&G mg/L Monthly 1 <3			1		Monthly		O&G	7/11/18	23/10/18	3/10/18	Point 16 Soptio wasto water Efficient aug It						
monitoring 3/10/16 23/10/16 1/11/16 11 11/11/16 11 11/11/16 11/1 11/15/1			1														
3/10/18 23/10/18 7/11/18 TDS mg/L Monthly 1 406 3/10/18 23/10/18 7/11/18 TDS mg/L Monthly 1 201			1														
		11	1		Monthly	mg/L	TP	7/11/18	23/10/18	3/10/18							

	Point 10 - Ambient air and weather monitoring		11/12/18	14/12/18	NOx	ppb	Continuous		Cont.	1	10	105		1
	station		11/12/18	14/12/18	O3	ppb	Continuous		Cont.	-3	17	60		
	Point 13 - Air emissions monitoring		30/11/18	14/12/18	NOx	ppm	Continuous Weekly during	2878g/min	Cont.	<	2878g/r	nin	no	
			30/11/18	14/12/18	0&G	mg/L	any discharge		8		nil			
	Point 11 - First Flush Effluent quality monitoring		30/11/18	14/12/18	рH		Weekly during any discharge		8	7.60	7.95	5 8.3		
		5/11/18	28/11/18	14/12/18	Salinity	ppt	Monthly		1		0.2			
		5/11/18	28/11/18	14/12/18	TSS	mg/L	Monthly		1		2			
Nov-18		5/11/18 5/11/18	28/11/18 28/11/18	14/12/18 14/12/18	O&G pH	mg/L	Monthly Monthly		1		<5 7.34			
NOV-10	Point 12 - Process Water Effluent quality monitoring	5/11/18	28/11/18	14/12/18	Salinity	ppt	Monthly		1		0.146			
	lineillering	5/11/18	28/11/18	14/12/18	TDS	mg/L	Monthly		1		120			
		5/11/18 5/11/18	28/11/18 28/11/18	14/12/18 14/12/18	TSS BOD	mg/L mg/L	Monthly Monthly		1		1 <5			
		5/11/18	28/11/18	14/12/18	FC	cfu/100mL	Monthly		1		<10			
	Point 16 - Septic waste water Effluent quality	5/11/18	28/11/18	14/12/18	O&G	mg/L	Monthly		1		<3			
	monitoring	5/11/18 5/11/18	28/11/18 28/11/18	14/12/18 14/12/18	TN TDS	mg/L mg/L	Monthly Monthly		1		48 333			
		5/11/18	28/11/18	14/12/18	TSS	mg/L	Monthly		1		14			
		5/11/18	28/11/18	14/12/18	TP	mg/L	Monthly		1		11	1 100		
	Point 10 - Ambient air and weather monitoring station		11/01/19 11/01/19	17/01/19 17/01/19	NOx O3	ppb	Continuous Continuous		Cont. Cont.	0	10 18	138 84		
	Point 13 - Air emissions monitoring		8/01/19	17/01/19	NOx	ppm	Continuous	2878g/min	Cont.		2878 g/r	-	no	
			3/01/19	17/01/19	0&G	mg/L	Weekly during any discharge		12		nil			
	Delet 44 Elect Electric Effective transitioner its size					iiig/c	Weekly during							
	Point 11 - First Flush Effluent quality monitoring	4/40/40	3/01/19	17/01/19	pH		any discharge		12	7	7.96	8.4		
		4/12/18 4/12/18	17/12/18 17/12/18	21/12/18 21/12/18	Salinity TSS	ppt mg/L	Monthly Monthly		0					Note: First flush was empty at the time of sampling
		4/12/18	17/12/18	21/12/18	0&G	mg/L	Monthly		1		<5			
Dec-18	Point 12 - Process Water Effluent quality	4/12/18	17/12/18	21/12/18	pH Selinity		Monthly		1		6.92			
	monitoring	4/12/18 4/12/18	17/12/18 17/12/18	21/12/18 21/12/18	Salinity TDS	ppt mg/L	Monthly Monthly		1		0.105			1
		4/12/18	17/12/18	21/12/18	TSS	mg/L	Monthly		1		3			
		4/12/18	17/12/18	21/12/18	BOD	mg/L	Monthly		1		<5			
		4/12/18 4/12/18	17/12/18 17/12/18	21/12/18 21/12/18	FC O&G	cfu/100mL mg/L	Monthly Monthly		1		<10 <3			
	Point 16 - Septic waste water Effluent quality	4/12/18	17/12/18	21/12/18	TN	mg/L	Monthly		1		<3 40			1
	monitoring	4/12/18	17/12/18	21/12/18	TDS	mg/L	Monthly		1		371			1
		4/12/18 4/12/18	17/12/18 17/12/18	21/12/18 21/12/18	TSS TP	mg/L mg/L	Monthly Monthly		1		11 12			
	Point 10 - Ambient air and weather monitoring	4/12/10	12/02/19	19/02/19	NOx	ppb	Continuous		Cont.	1	12	112		
	station		12/02/19	19/02/19	03	ppb	Continuous		Cont.	-1	21	94		
	Point 13 - Air emissions monitoring			19/02/19	NOx	ppm	Continuous Weekly during	2878g/min	Cont.	<	2878 g/r	min	no	
			11/02/19	19/02/19	0&G	mg/L	any discharge		6		nil			
	Point 11 - First Flush Effluent quality monitoring		11/02/19	19/02/19	pН		Weekly during any discharge		6	6.68	7.48	8.05		
		3/01/19	1/02/19	19/02/19	Salinity	ppt	Monthly		1	0.00	0.33	0.00		
		3/01/19	1/02/19	19/02/19	TSS	mg/L	Monthly		1		2			
		3/01/19 3/01/19	1/02/19 1/02/19	19/02/19 19/02/19	O&G pH	mg/L	Monthly Monthly		1		<5			
Jan-19	Point 12 - Process Water Effluent quality	3/01/19	1/02/19	19/02/19	Salinity	ppt	Monthly		1		6.85 0.153			
	monitoring	3/01/19	1/02/19	19/02/19	TDS	mg/L	Monthly		1		127			
		3/01/19	1/02/19	19/02/19	TSS	mg/L	Monthly		1		3			
		3/01/19 3/01/19	1/02/19 1/02/19	19/02/19 19/02/19	BOD FC	mg/L cfu/100mL	Monthly Monthly		1		<5 <10			
	D-1-440 0-41	3/01/19	1/02/19	19/02/19	0&G	mg/L	Monthly		1		<3			
	Point 16 - Septic waste water Effluent quality monitoring	3/01/19	1/02/19	19/02/19	TN	mg/L	Monthly		1		31			
	5	3/01/19 3/01/19	1/02/19 1/02/19	19/02/19 19/02/19	TDS	mg/L mg/L	Monthly Monthly		1		244 25			
		3/01/19	1/02/19	19/02/19	TP	mg/L	Monthly		1		8.8			
	Point 10 - Ambient air and weather monitoring		12/03/19	15/03/19	NOx	ppb	Continuous		Cont.	1	16	145		
	station Point 13 - Air emissions monitoring		12/03/19 8/03/19	15/03/19 15/03/19	03	ppb	Continuous	2979 <i>a/min</i>	Cont.	-1	18	95 min	20	
	Point 13 - Air emissions monitoring		6/03/19	15/03/19	NOx	ppm	Continuous Weekly during	2878g/min	Cont.	<	2878 g/r	min	no	
			6/03/19	15/03/19	0&G	mg/L	any discharge		5		nil	-		
	Point 11 - First Flush Effluent quality monitoring		6/03/19	15/03/19	pН		Weekly during any discharge		5	7.50	7.78	8.16		
		6/02/19	27/02/19	15/03/19	Salinity	ppt	Monthly		1		0.312			
		6/02/19 6/02/19	27/02/19 27/02/19	15/03/19 15/03/19	TSS O&G	mg/L mg/L	Monthly Monthly		1		2			
Feb-19		6/02/19	27/02/19	15/03/19	pH	g/∟	Monthly		1		<5 7.1			1
100-13	Point 12 - Process Water Effluent quality monitoring	6/02/19	27/02/19	15/03/19	Salinity	ppt	Monthly		1		0.215			
		6/02/19 6/02/19	27/02/19 27/02/19	15/03/19 15/03/19	TDS TSS	mg/L mg/L	Monthly Monthly		1		178 22			1
	L	6/02/19	27/02/19	15/03/19	BOD	mg/L mg/L	Monthly		1		10			1
		6/02/19	27/02/19	15/03/19	FC	cfu/100mL	Monthly		1		<10			
	Point 16 - Septic waste water Effluent quality	6/02/19	27/02/19	15/03/19	O&G	mg/L	Monthly		1		<3			1
	monitoring	6/02/19 6/02/19	27/02/19 27/02/19	15/03/19 15/03/19	TN TDS	mg/L mg/L	Monthly Monthly		1		48 332			
		6/02/19	27/02/19	15/03/19	TSS	mg/L	Monthly		1		3]
		6/02/19	27/02/19	15/03/19	TP	mg/L	Monthly		1		14			
	Point 10 - Ambient air and weather monitoring station		12/04/19 12/04/19	12/04/19 12/04/19	NOx O3	ppb ppb	Continuous Continuous		Cont. Cont.	-2	12 17	201 70		1
	Point 13 - Air emissions monitoring		3/04/19	12/04/19	NOx	ppm	Continuous	2878g/min	Cont.		2878 g/r		no	1
			3/04/19	12/04/19			Weekly during							
					0&G	mg/L	any discharge Weekly during		14		nil			1
	Point 11 - First Flush Effluent quality monitoring	7/00/40	3/04/19	12/04/19	pH Colinity		any discharge		14	7.80	8.07	8.45		
		7/03/19 7/03/19	26/03/19 26/03/19	12/04/19 12/04/19	Salinity TSS	ppt mg/L	Monthly Monthly		1		0.311			
	<u> </u>	7/03/19	26/03/19	12/04/19	0&G	mg/L	Monthly		1		<5			
Mar-19	Point 12 - Process Water Effluent quality	7/03/19	26/03/19	12/04/19	pH		Monthly		1		7.12			
	Point 12 - Process Water Effluent quality monitoring	7/03/19 7/03/19	26/03/19 26/03/19	12/04/19 12/04/19	Salinity TDS	ppt mg/L	Monthly Monthly		1		0.186			
		7/03/19	26/03/19	12/04/19	TSS	mg/L	Monthly		1		158			
		7/03/19	26/03/19	12/04/19	BOD	mg/L	Monthly		1		6			1
		7/03/19	26/03/19 26/03/19	12/04/19 12/04/19	FC O&G	cfu/100mL mg/L	Monthly Monthly		1		<1 <3			
				12/04/19	JORG	mg/L	inioriuriy	1	1		<3			1
	Point 16 - Septic waste water Effluent quality	7/03/19 7/03/19	26/03/19	12/04/19	TN	mg/L	Monthly		1		45			1
	Point 16 - Septic waste water Effluent quality monitoring	7/03/19 7/03/19	26/03/19 26/03/19	12/04/19 12/04/19	TDS	mg/L	Monthly		1		430			
		7/03/19	26/03/19	12/04/19					1					

	Point 10 - Ambient air and weather monitoring		10/05/19	13/05/19	NOx	ppb	Continuous		Cont.	1	16	359	<u> </u>
	station		10/05/19	13/05/19	03	ppb	Continuous	0.070 ()	Cont.	-2 15 68			<u> </u>
	Point 13 - Air emissions monitoring		29/04/19	13/05/19	NOx	ppm	Continuous	2878g/min	Cont.	<	2878 g/n	nin	no
			29/04/19	13/05/19	O&G	mg/L	Weekly during any discharge		e	6	nil		
	Point 11 - First Flush Effluent quality monitoring		29/04/19	13/05/19	pН		Weekly during any discharge		e	7.50	8.09	8.37	
		2/04/19	24/04/19	13/05/19	Salinity	ppt	Monthly		1	1	0.393		<u> </u>
		2/04/19	24/04/19	13/05/19	TSS	mg/L	Monthly		1	1	1		
		2/04/19	24/04/19	13/05/19	0&G	mg/L	Monthly		1	1	<5		
pr-19	Point 12 - Process Water Effluent quality	2/04/19	24/04/19	13/05/19	pН		Monthly		1	1	7.3		<u> </u>
	monitoring	2/04/19	24/04/19	13/05/19	Salinity	ppt	Monthly		1	1	0.133		
		2/04/19	24/04/19	13/05/19	TDS	mg/L	Monthly		1	1	113		
		2/04/19	24/04/19	13/05/19	TSS	mg/L	Monthly		1	1	4		L
		2/04/19	24/04/19	13/05/19	BOD	mg/L	Monthly		1	1	<5		L
		2/04/19	24/04/19	13/05/19	FC	cfu/100mL	Monthly		1	1	<1		L
	Point 16 - Septic waste water Effluent quality	2/04/19	24/04/19	13/05/19	0&G	mg/L	Monthly		1	1	<3		
	monitoring	2/04/19	24/04/19	13/05/19	TN	mg/L	Monthly		1	1	42		L
	initiality	2/04/19	24/04/19	13/05/19	TDS	mg/L	Monthly		1	1	318		
		2/04/19	24/04/19	13/05/19	TSS	mg/L	Monthly		1		8		<u> </u>
		2/04/19	24/04/19	13/05/19	TP	mg/L	Monthly		1		8.2		<u> </u>
	Point 10 - Ambient air and weather monitoring		12/06/19	13/06/19	NOx	ppb	Continuous		Cont.	0	13	188	
	station		12/06/19	13/06/19	03	ppb	Continuous		Cont.	-2	16	37	
	Point 13 - Air emissions monitoring		29/05/19	13/06/19	NOx	ppm	Continuous	2878g/min	Cont.	<	2878 g/n	nin	no
			1010-111	1010			Weekly during						i
			12/06/19	13/06/19	0&G	mg/L	any discharge		2	2	nil		<u> </u>
	Point 11 - First Flush Effluent quality monitoring		12/06/19	13/06/19	рН		Weekly during any discharge			6.95	7.68	8.4	1
		3/05/19	27/05/19	13/06/19	Salinity	ppt	Monthly		1	0.00	0.369	0.1	/
		3/05/19	27/05/19	13/06/19	TSS	mg/L	Monthly		1		<1		/
		3/05/19	27/05/19	13/06/19	0&G	mg/L	Monthly		1		<5		/
	Point 12 - Process Water Effluent quality monitoring	3/05/19	27/05/19	13/06/19	pH	ing/c	Monthly		1		7.13		
May-19		3/05/19	27/05/19	13/06/19	Salinity	ppt	Monthly		1		0.111		/
		3/05/19	27/05/19	13/06/19	TDS	mg/L	Monthly		1		93		<u> </u>
		3/05/19	27/05/19	13/06/19	TSS	mg/L	Monthly		1		4		<u> </u>
		3/05/19	27/05/19	13/06/19	BOD	mg/L	Monthly		1		<5		<u> </u>
	Point 16 - Septic waste water Effluent quality monitoring	3/05/19	27/05/19	13/06/19	FC	cfu/100mL	Monthly		1		<1		<u> </u>
		3/05/19	27/05/19	13/06/19	0&G	mg/L	Monthly		1		<3		<u> </u>
		3/05/19	27/05/19	13/06/19	TN	mg/L	Monthly		1		36		<u> </u>
		3/05/19	27/05/19	13/06/19	TDS	mg/L	Monthly		1		418		<u> </u>
		3/05/19	27/05/19	13/06/19	TSS	mg/L	Monthly		1		6		<u> </u>
		3/05/19	27/05/19	13/06/19	TP	mg/L	Monthly		1		7.2		<u> </u>
			12/07/19	17/07/19	NOx	ppb	Continuous		Cont	0	15	165	<u> </u>
	Point 10 - Ambient air and weather monitoring	-	12/07/19	17/07/19	03	ppb	Continuous		Cont.	-1	16	31	<u> </u>
	station		24/06/19	9/07/19	NOX	ppm	Continuous	2878g/min	Cont.				no
	Point 13 - Air emissions monitoring		24/00/19	5101119		Phili	Weekly during	20109/1111	John.	<	2878 g/n	ull	10
			8/07/19	9/07/19	0&G	mg/L	any discharge		9		nil		i
Jun-19	Point 11 - First Flush Effluent quality monitoring						Weekly during						
			8/07/19	9/07/19	pН		any discharge		9	7.41	7.84	8.23	
		4/06/19	21/06/19	9/07/19	Salinity	ppt	Monthly		1		0.049		
		4/06/19	21/06/19	9/07/19	TSS	mg/L	Monthly		1		2		
	Point 12 - Process Water Effluent quality monitoring	4/06/19	21/06/19	9/07/19	0&G	mg/L	Monthly		1		<5		
		4/06/19	21/06/19	9/07/19	pН		Monthly		1		6.96		
		4/06/19	21/06/19	9/07/19	Salinity	ppt	Monthly		1		0.122		
		4/06/19	21/06/19	9/07/19	TDS	mg/L	Monthly		1		101		
		4/06/19	21/06/19	9/07/19	TSS	mg/L	Monthly		1		6		1
		4/06/19	21/06/19	9/07/19	BOD	mg/L	Monthly		1		<5		
	Point 16 - Septic waste water Effluent quality monitoring	4/06/19	21/06/19	9/07/19	FC	cfu/100mL	Monthly		1		<1		
		4/06/19	21/06/19	9/07/19	O&G	mg/L	Monthly		1		<3		
		4/06/19	21/06/19	9/07/19	TN	mg/L	Monthly		1		42		
	monitoritig	4/06/19	21/06/19	9/07/19	TDS	mg/L	Monthly		1		339		
		4/06/19	21/06/19	9/07/19	TSS	mg/L	Monthly		1		14		[
		4/06/19	21/06/19	9/07/19	TP	mg/L	Monthly		1		7.9		[

Data identified on 07/06/19. Data republished on 13/06/19.