

Appin Power Station  
 Licence Number: 5482  
 Licence Holder: EDL CSM (NSW) PTY LTD  
 Licensee Address: Appin Coal Seam Methane Power Station  
 Northampton Dale Road Appin NSW 2560



Month: FY 2020-21  
 Frequency: 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, visible oil and grease (O&G);  
 Spot sampling monthly for Process Water Effluent pH and oil and grease (O&G);  
 Spot sampling monthly for Septic Effluent biological oxygen demand (BOD), fecal coliforms (FC), O&G, total nitrogen (TN), TDS, total phosphorus (TP).

Month	Location of monitoring point	Sampled	Obtained	Published	Pollutant	Units	Monitoring frequency (licence)	Measurement during month	Min	Mean	Max	Licence limit	Exceedance (Yes/No)
Jul-20	Point 10 - Ambient air and weather monitoring station		31/08/20	2/09/20	NOx	ppb	Continuous	Continuous	0	7	73		
			31/08/20	2/09/20	O3	ppb	Continuous	Continuous	0	18	33		
	Point 13 - Air emissions monitoring		29/07/20	10/07/20	NOx	ppm measured as g/min	Continuous	Continuous	< 2878 g/min			<2878g/min	No
		Point 11 - First Flush Effluent quality monitoring		4/09/20	9/09/20	O&G	mg/L	Weekly during discharge with No visible oil	8	Nil			
			4/09/20	9/09/20	pH		Weekly during any discharge	8	7.49	7.88	8.17		First flush was empty at time of testing
	7/07/20		22/07/20	10/08/20	Salinity	ppt	Not required	1	-				
	7/07/20		22/07/20	10/08/20	TSS	mg/L	Not required	1	-				
	Point 12 - Process Water Effluent quality monitoring	7/07/20	22/07/20	10/08/20	O&G	mg/L	Monthly	1	< 5				
		7/07/20	22/07/20	10/08/20	pH		Monthly	1	7.21				
		7/07/20	22/07/20	10/08/20	Salinity	ppt	Not required	1	0.096				
		7/07/20	22/07/20	10/08/20	TDS	mg/L	Not required	1	83				
	Point 16 - Septic waste water Effluent quality monitoring	7/07/20	22/07/20	10/08/20	TSS	mg/L	Not required	1	5				
		7/07/20	22/07/20	10/08/20	BOD	mg/L	Monthly	1	11				
		7/07/20	22/07/20	10/08/20	FC	cfu/100mL	Monthly	1	< 10				
		7/07/20	22/07/20	10/08/20	O&G	mg/L	Monthly	1	< 3				
		7/07/20	22/07/20	10/08/20	TN	mg/L	Monthly	1	108				
		7/07/20	22/07/20	10/08/20	TDS	mg/L	Monthly	1	451				
		7/07/20	22/07/20	10/08/20	TSS	mg/L	Not required	1	42				
		7/07/20	22/07/20	10/08/20	TP	mg/L	Monthly	1	10				
	Aug-20	Point 10 - Ambient air and weather monitoring station		11/09/20	28/09/20	NOx	ppb	Continuous	Cont.	0	2	29	
			11/09/20	28/09/20	O3	ppb	Continuous	Cont.	-2	20	42		
Point 13 - Air emissions monitoring			10/09/20	28/09/20	NOx	ppm	Continuous	Cont.	< 2878 g/min			<2878g/min	No
		Point 11 - First Flush Effluent quality monitoring		3/09/20	4/09/20	O&G	mg/L	Weekly during discharge with No visible oil	12	Nil			
			3/09/20	4/09/20	pH		Weekly during any discharge	12	7.45	8	7.95		
5/08/20			1/09/20	2/09/20	Salinity	ppt	Not required	1	0.395				
5/08/20			1/09/20	2/09/20	TSS	mg/L	Not required	1	5				
Point 12 - Process Water Effluent quality monitoring		5/08/20	1/09/20	2/09/20	O&G	mg/L	Monthly	1	< 5				
		5/08/20	1/09/20	2/09/20	pH		Monthly	1	7.36				
		5/08/20	1/09/20	2/09/20	Salinity	ppt	Not required	1	0.111				
		5/08/20	1/09/20	2/09/20	TDS	mg/L	Not required	1	92				
Point 16 - Septic waste water Effluent quality monitoring		5/08/20	1/09/20	2/09/20	TSS	mg/L	Not required	1	3				
		5/08/20	1/09/20	2/09/20	BOD	mg/L	Monthly	1	7				
		5/08/20	1/09/20	2/09/20	FC	cfu/100mL	Monthly	1	< 10				
		5/08/20	1/09/20	2/09/20	O&G	mg/L	Monthly	1	< 3				
		5/08/20	1/09/20	2/09/20	TN	mg/L	Monthly	1	46				
		5/08/20	1/09/20	2/09/20	TDS	mg/L	Monthly	1	318				
		5/08/20	1/09/20	2/09/20	TSS	mg/L	Not required	1	23				
		5/08/20	1/09/20	2/09/20	TP	mg/L	Monthly	1	5.8				
Sep-20		Point 10 - Ambient air and weather monitoring station		12/10/20	16/10/20	NOx	ppb	Continuous	Cont.	-1	6	66	
			12/10/20	16/10/20	O3	ppb	Continuous	Cont.	2	21	46		
	Point 13 - Air emissions monitoring		15/10/20	16/10/20	NOx	ppm	Continuous	Cont.	< 2878 g/min			<2878g/min	No
		Point 11 - First Flush Effluent quality monitoring		15/10/20	16/10/20	O&G	mg/L	Weekly during discharge with No visible oil	5	Nil			
			15/10/20	16/10/20	pH		Weekly during any discharge	5	7.48	8.09	8.72		
	2/09/20		21/09/20	28/09/20	Salinity	ppt	Not required	1	0.334				
	2/09/20		21/09/20	28/09/20	TSS	mg/L	Not required	1	5				
	Point 12 - Process Water Effluent quality monitoring	2/09/20	21/09/20	28/09/20	O&G	mg/L	Monthly	1	< 5				
		2/09/20	21/09/20	28/09/20	pH		Monthly	1	7.44				
		2/09/20	21/09/20	28/09/20	Salinity	ppt	Not required	1	0.101				
		2/09/20	21/09/20	28/09/20	TDS	mg/L	Not required	1	85				
	Point 16 - Septic waste water Effluent quality monitoring	2/09/20	21/09/20	28/09/20	TSS	mg/L	Not required	1	7				
		2/09/20	21/09/20	28/09/20	BOD	mg/L	Monthly	1	< 5				
		2/09/20	21/09/20	28/09/20	FC	cfu/100mL	Monthly	1	20				
		2/09/20	21/09/20	28/09/20	O&G	mg/L	Monthly	1	< 3				
		2/09/20	21/09/20	28/09/20	TN	mg/L	Monthly	1	51				
		2/09/20	21/09/20	28/09/20	TDS	mg/L	Monthly	1	348				
		2/09/20	21/09/20	28/09/20	TSS	mg/L	Not required	1	27				
		2/09/20	21/09/20	28/09/20	TP	mg/L	Monthly	1	8.5				

Month	Location of monitoring point	Sampled	Obtained	Published	Pollutant	Units	Monitoring frequency (licence)	Measurement during month	Min	Mean	Max	Licence limit	Exceedance (Yes/No)
Oct-20	Point 10 - Ambient air and weather monitoring station		12/11/20	18/11/20	NOx	ppb	Continuous	Cont.	1	8	76		
			11/2/11/20	18/11/20	O3	ppb	Continuous	Cont.	4	23	66		
	Point 13 - Air emissions monitoring		18/11/20	18/11/20	NOx	ppm	Continuous Max limit 2878 g/min	Cont.	< 2878 g/min			<2878g/min	No
	Point 11 - First Flush Effluent quality monitoring		13/11/20	18/11/20	O&G	mg/L	Weekly during discharge with No visible oil	8	Nil				
			13/11/20	18/11/20	pH		Weekly during any discharge	8	8.01	8.23	8.4		
	Point 12 - Process Water Effluent quality monitoring	8/10/20	6/11/20	18/11/20	Salinity	ppt	Not required	1	0.294				
		8/10/20	6/11/20	18/11/20	TSS	mg/L	Not required	1	15				
		8/10/20	6/11/20	18/11/20	O&G	mg/L	Monthly	1	<5				
		8/10/20	6/11/20	18/11/20	pH		Monthly	1	7.34				
		8/10/20	6/11/20	18/11/20	Salinity	ppt	Not required	1	0.135				
		8/10/20	6/11/20	18/11/20	TDS	mg/L	Not required	1	133				
	Point 16 - Septic waste water Effluent quality monitoring	8/10/20	6/11/20	18/11/20	TSS	mg/L	Not required	1	9				
		8/10/20	6/11/20	18/11/20	BOD	mg/L	Monthly	1	<5				
		8/10/20	6/11/20	18/11/20	FC	cfu/100mL	Monthly	1	100				
		8/10/20	6/11/20	18/11/20	O&G	mg/L	Not required	1	<3				
		8/10/20	6/11/20	18/11/20	TN	mg/L	Monthly	1	55				
		8/10/20	6/11/20	18/11/20	TDS	mg/L	Monthly	1	473				
8/10/20		6/11/20	18/11/20	TSS	mg/L	Not required	1	30					
8/10/20		6/11/20	18/11/20	TP	mg/L	Monthly	1	11					
Nov-20	Point 10 - Ambient air and weather monitoring station		11/12/20	15/12/20	NOx	ppb	Continuous	Cont.	0	6	86		
			11/12/20	15/12/20	O3	ppb	Continuous	Cont.	1	21	74		
	Point 13 - Air emissions monitoring		16/12/20	16/12/20	NOx	ppm	Continuous Max limit 2878 g/min	Cont.	< 2878 g/min			<2878g/min	No
	Point 11 - First Flush Effluent quality monitoring		4/12/20	16/12/20	O&G	mg/L	Weekly during discharge with No visible oil	3	Nil				
			4/12/20	16/12/20	pH		Weekly during any discharge	3	8.07	8.19	8.4		
	Point 12 - Process Water Effluent quality monitoring	4/11/20	16/11/20	1/12/20	Salinity	ppt	Not required	1	0.195				
		4/11/20	16/11/20	1/12/20	TSS	mg/L	Not required	1	2				
		4/11/20	16/11/20	1/12/20	O&G	mg/L	Monthly	1	<5				
		4/11/20	16/11/20	1/12/20	pH		Monthly	1	6.92				
		4/11/20	16/11/20	1/12/20	Salinity	ppt	Not required	1	0.357				
		4/11/20	16/11/20	1/12/20	TDS	mg/L	Not required	1	297				
	Point 16 - Septic waste water Effluent quality monitoring	4/11/20	16/11/20	1/12/20	TSS	mg/L	Not required	1	18				
		4/11/20	16/11/20	1/12/20	BOD	mg/L	Monthly	1	<5				
		4/11/20	16/11/20	1/12/20	FC	cfu/100mL	Monthly	1	<10				
		4/11/20	16/11/20	1/12/20	O&G	mg/L	Monthly	1	<3				
		4/11/20	16/11/20	1/12/20	TN	mg/L	Monthly	1	54				
		4/11/20	16/11/20	1/12/20	TDS	mg/L	Monthly	1	348				
4/11/20		16/11/20	1/12/20	TSS	mg/L	Not required	1	24					
4/11/20		16/11/20	1/12/20	TP	mg/L	Monthly	1	4.6					
Dec-20	Point 10 - Ambient air and weather monitoring station		12/01/21	12/01/21	NOx	ppb	Continuous	Cont.	0	6	56		
			12/01/21	12/01/21	O3	ppb	Continuous	Cont.	1	17	60		
	Point 13 - Air emissions monitoring		8/01/21	12/01/21	NOx	ppm	Continuous Max limit 2878 g/min	Cont.	<2878 g/min			<2878g/min	No
	Point 11 - First Flush Effluent quality monitoring		7/01/21	12/01/21	O&G	mg/L	Weekly during discharge with No visible oil	10	nil				
			7/01/21	12/01/21	pH		Weekly during any discharge	10	7.17	7.59	8.16		
	Point 12 - Process Water Effluent quality monitoring	2/12/20	14/12/20	16/12/20	Salinity	ppt	Not required	1	0.343				
		2/12/20	14/12/20	16/12/20	TSS	mg/L	Not required	1	4				
		2/12/20	14/12/20	16/12/20	O&G	mg/L	Monthly	1	<5				
		2/12/20	14/12/20	16/12/20	pH		Monthly	1	7.15				
		2/12/20	14/12/20	16/12/20	Salinity	ppt	Not required	1	0.126				
		2/12/20	14/12/20	16/12/20	TDS	mg/L	Not required	1	105				
	Point 16 - Septic waste water Effluent quality monitoring	2/12/20	14/12/20	16/12/20	TSS	mg/L	Not required	1	5				
		2/12/20	14/12/20	16/12/20	BOD	mg/L	Monthly	1	<5				
		2/12/20	14/12/20	16/12/20	FC	cfu/100mL	Monthly	1	<10				
		2/12/20	14/12/20	16/12/20	O&G	mg/L	Monthly	1	<3				
		2/12/20	14/12/20	16/12/20	TN	mg/L	Monthly	1	27				
		2/12/20	14/12/20	16/12/20	TDS	mg/L	Monthly	1	352				
2/12/20		14/12/20	16/12/20	TSS	mg/L	Not required	1	55					
2/12/20		14/12/20	16/12/20	TP	mg/L	Monthly	1	7.4					
Jan-21	Point 10 - Ambient air and weather monitoring station		12/02/21	17/02/21	NOx	ppb	Continuous	Cont.	0	6	41		
			12/02/21	17/02/21	O3	ppb	Continuous	Cont.	0	19	92		
	Point 13 - Air emissions monitoring		17/02/21	17/02/21	NOx	ppm	Continuous Max limit 2878 g/min	Cont.	<2878 g/min			<2878 g/min	No
	Point 11 - First Flush Effluent quality monitoring		16/02/21	17/02/21	O&G	mg/L	Weekly during discharge with No visible oil	5	Nil visual			nil visual	No
			16/02/21	17/02/21	pH		Weekly during any discharge	5	7.61	7.716	7.94	6.5-8.5	No
	Point 12 - Process Water Effluent quality monitoring	15/01/21	2/02/21	17/02/21	Salinity	ppt	Not required	1	0.31				
		15/01/21	2/02/21	17/02/21	TSS	mg/L	Not required	1	24				
		15/01/21	2/02/21	17/02/21	O&G	mg/L	Monthly	1	<5			nil visual	No
		15/01/21	2/02/21	17/02/21	pH		Monthly	1	7.34			6.5-8.5	No
		15/01/21	2/02/21	17/02/21	Salinity	ppt	Not required	1	0.177				
		15/01/21	2/02/21	17/02/21	TDS	mg/L	Not required	1	151				
	Point 16 - Septic waste water Effluent quality monitoring	15/01/21	2/02/21	17/02/21	TSS	mg/L	Not required	1	6				
		15/01/21	2/02/21	17/02/21	BOD	mg/L	Monthly	1	<5				
		15/01/21	2/02/21	17/02/21	FC	cfu/100mL	Monthly	1	<10				
		15/01/21	2/02/21	17/02/21	O&G	mg/L	Monthly	1	<3				
		15/01/21	2/02/21	17/02/21	TN	mg/L	Monthly	1	26				
		15/01/21	2/02/21	17/02/21	TDS	mg/L	Monthly	1	311				
15/01/21		2/02/21	17/02/21	TSS	mg/L	Not required	1	49					
15/01/21		2/02/21	17/02/21	TP	mg/L	Monthly	1	4.7					

Note: Licence amended in January 2021 to include licence limits for pH and Oil and Grease

Month	Location of monitoring point	Sampled	Obtained	Published	Pollutant	Units	Monitoring frequency (licence)	Measurement during month	Min	Mean	Max	Licence limit	Exceedance (Yes/No)
Feb-21	Point 10 - Ambient air and weather monitoring station		12/03/21	15/03/21	NOx	ppb	Continuous	Cont.	0	6	49		
			12/03/21	15/03/21	O3	ppb	Continuous	Cont.	1	15	57		
	Point 13 - Air emissions monitoring		26/02/21	15/03/21	NOx	ppm	Continuous Max limit 2878 g/min	Cont.	<2878 g/min			<2878 g/min	No
	Point 11 - First Flush Effluent quality monitoring		12/03/21	15/03/21	O&G	mg/L	Weekly during discharge with No visible oil	10	Nil visual			nil visual	No
			12/03/21	15/03/21	pH		Weekly during any discharge	10	7.10	7.34	7.6	6.5-8.5	No
		3/02/21	17/02/21	1/03/21	Salinity	ppt	Not required	1	0.11				
	Point 12 - Process Water Effluent quality monitoring	3/02/21	17/02/21	1/03/21	TSS	mg/L	Not required	1					
		3/02/21	17/02/21	1/03/21	O&G	mg/L	Monthly	1	<5			nil visual	No
		3/02/21	17/02/21	1/03/21	pH		Monthly	1	7.25			6.5-8.5	No
		3/02/21	17/02/21	1/03/21	Salinity	ppt	Not required	1	0.167				
		3/02/21	17/02/21	1/03/21	TDS	mg/L	Not required	1	140				
		3/02/21	17/02/21	1/03/21	TSS	mg/L	Not required	1	9				
		3/02/21	17/02/21	1/03/21	BOD	mg/L	Monthly	1	<5				
		3/02/21	17/02/21	1/03/21	FC	cfu/100mL	Monthly	1	<1				
	Point 16 - Septic waste water Effluent quality monitoring	3/02/21	17/02/21	1/03/21	O&G	mg/L	Monthly	1	<3				
		3/02/21	17/02/21	1/03/21	TN	mg/L	Monthly	1	7.7				
3/02/21		17/02/21	1/03/21	TDS	mg/L	Monthly	1	228					
3/02/21		17/02/21	1/03/21	TSS	mg/L	Not required	1	11					
3/02/21		17/02/21	1/03/21	TP	mg/L	Monthly	1	5.3					
Mar-21	Point 10 - Ambient air and weather monitoring station		12/04/21	13/04/21	NOx	ppb	Continuous	Cont.	0	5	56		
			12/04/21	13/04/21	O3	ppb	Continuous	Cont.	0	17	45		
	Point 13 - Air emissions monitoring		7/04/21	7/04/21	NOx	ppm	Continuous Max limit 2878 g/min	Cont.	<2878 g/min			<2878 g/min	No
	Point 11 - First Flush Effluent quality monitoring		7/04/21	13/04/21	O&G	mg/L	Weekly during discharge with No visible oil	10	nil			nil visual	No
			7/04/21	13/04/21	pH		Weekly during any discharge	10	7.06	7.47	8.07	6.5-8.5	No
		3/03/21	19/03/21	7/04/21	Salinity	ppt	Not required	-					
	Point 12 - Process Water Effluent quality monitoring	3/03/21	19/03/21	7/04/21	TSS	mg/L	Not required	-					
		3/03/21	19/03/21	7/04/21	O&G	mg/L	Monthly	1	<5			nil visual	No
		3/03/21	19/03/21	7/04/21	pH		Monthly	1	7.41			6.5-8.5	No
		3/03/21	19/03/21	7/04/21	Salinity	ppt	Not required	1	0.221				
		3/03/21	19/03/21	7/04/21	TDS	mg/L	Not required	1	191				
		3/03/21	19/03/21	7/04/21	TSS	mg/L	Not required	1	7				
		3/03/21	19/03/21	7/04/21	BOD	mg/L	Monthly	1	<5				
		3/03/21	19/03/21	7/04/21	FC	cfu/100mL	Monthly	1	<10				
	Point 16 - Septic waste water Effluent quality monitoring	3/03/21	19/03/21	7/04/21	O&G	mg/L	Monthly	1	<3				
		3/03/21	19/03/21	7/04/21	TN	mg/L	Monthly	1	44				
3/03/21		19/03/21	7/04/21	TDS	mg/L	Monthly	1	301					
3/03/21		19/03/21	7/04/21	TSS	mg/L	Not required	1	16					
3/03/21		19/03/21	7/04/21	TP	mg/L	Monthly	1	6					
Apr-21	Point 10 - Ambient air and weather monitoring station		12/05/21	17/05/21	NOx	ppb	Continuous	Cont.	0	6	47		
			12/05/21	17/05/21	O3	ppb	Continuous	Cont.	0	17	48		
	Point 13 - Air emissions monitoring		30/04/21	5/05/21	NOx	ppm	Continuous Max limit 2878 g/min	Cont.	<2878 g/min			<2878 g/min	No
	Point 11 - First Flush Effluent quality monitoring		5/05/21	5/05/21	O&G	mg/L	Weekly during discharge with No visible oil	13	nil			nil visual	No
			5/05/21	5/05/21	pH		Weekly during any discharge	13	7.11	7.76	8.35	6.5-8.5	No
		16/04/21	4/05/21	5/05/21	Salinity	ppt	Not required	-					
	Point 12 - Process Water Effluent quality monitoring	16/04/21	4/05/21	5/05/21	TSS	mg/L	Not required	-					
		16/04/21	4/05/21	5/05/21	O&G	mg/L	Monthly	1	<5			nil visual	No
		16/04/21	4/05/21	5/05/21	pH		Monthly	1	7.48			6.5-8.5	No
		16/04/21	4/05/21	5/05/21	Salinity	ppt	Not required	1	0.174				
		16/04/21	4/05/21	5/05/21	TDS	mg/L	Not required	1	144				
		16/04/21	4/05/21	5/05/21	TSS	mg/L	Not required	1	3				
		16/04/21	4/05/21	5/05/21	BOD	mg/L	Monthly	1	<5				
		16/04/21	4/05/21	5/05/21	FC	cfu/100mL	Monthly	1	<1				
	Point 16 - Septic waste water Effluent quality monitoring	16/04/21	4/05/21	5/05/21	O&G	mg/L	Monthly	1	<3				
		16/04/21	4/05/21	5/05/21	TN	mg/L	Monthly	1	36				
16/04/21		4/05/21	5/05/21	TDS	mg/L	Monthly	1	344					
16/04/21		4/05/21	5/05/21	TSS	mg/L	Not required	1	16					
16/04/21		4/05/21	5/05/21	TP	mg/L	Monthly	1	2.2					
May-21	Point 10 - Ambient air and weather monitoring station		12/06/21	14/06/21	NOx	ppb	Continuous	Cont.	0	5	44		
			12/06/21	14/06/21	O3	ppb	Continuous	Cont.	0	16	34		
	Point 13 - Air emissions monitoring		31/05/21	14/06/21	NOx	ppm	Continuous Max limit 2878 g/min	Cont.	<2878 g/min			<2878 g/min	No
	Point 11 - First Flush Effluent quality monitoring		9/06/21	11/06/21	O&G	mg/L	Weekly during discharge with No visible oil	8	nil			nil visual	No
			9/06/21	11/06/21	pH		Weekly during any discharge	8	7.04	7.58	8.1	6.5-8.5	No
		5/05/21	21/05/21	26/05/21	Salinity	ppt	Not required	-	0.087				
	Point 12 - Process Water Effluent quality monitoring	5/05/21	21/05/21	26/05/21	TSS	mg/L	Not required	-	2				
		5/05/21	21/05/21	26/05/21	O&G	mg/L	Monthly	1	<5			nil visual	No
		5/05/21	21/05/21	26/05/21	pH		Monthly	1	7.04			6.5-8.5	No
		5/05/21	21/05/21	26/05/21	Salinity	ppt	Not required	1	0.137				
		5/05/21	21/05/21	26/05/21	TDS	mg/L	Not required	1	116				
		5/05/21	21/05/21	26/05/21	TSS	mg/L	Not required	1	3				
		5/05/21	21/05/21	26/05/21	BOD	mg/L	Monthly	1	<5				
		5/05/21	21/05/21	26/05/21	FC	cfu/100mL	Monthly	1	<1				
	Point 16 - Septic waste water Effluent quality monitoring	5/05/21	21/05/21	26/05/21	O&G	mg/L	Monthly	1	<3				
		5/05/21	21/05/21	26/05/21	TN	mg/L	Monthly	1	47				
5/05/21		21/05/21	26/05/21	TDS	mg/L	Monthly	1	472					
5/05/21		21/05/21	26/05/21	TSS	mg/L	Not required	1	13					
5/05/21		21/05/21	26/05/21	TP	mg/L	Monthly	1	5.3					

First flush was empty at time of testing

First flush was empty at time of testing

Month	Location of monitoring point	Sampled	Obtained	Published	Pollutant	Units	Monitoring frequency (licence)	Measurement during month	Min	Mean	Max	Licence limit	Exceedance (Yes/No)
Jun-21	Point 10 - Ambient air and weather monitoring station				NOx	ppb	Continuous	Cont.	0	6	32		
					O3	ppb	Continuous	Cont.	-1	15	28		
	Point 13 - Air emissions monitoring				NOx	ppm	Continuous Max limit 2878 g/min	Cont.	<2878 g/min			<2878 g/min	No
	Point 11 - First Flush Effluent quality monitoring		1/07/21	1/07/21	O&G	mg/L	Weekly during discharge with No visible oil	11	nil			nil visual	No
			1/07/21	1/07/21	pH		Weekly during any discharge	11	7.40	7.78	8.2	6.5-8.5	No
		4/06/21	22/06/21	24/06/21	Salinity	ppt	Not required	-	0.082				
		4/06/21	22/06/21	24/06/21	TSS	mg/L	Not required	-	4				
	Point 12 - Process Water Effluent quality monitoring	4/06/21	22/06/21	24/06/21	O&G	mg/L	Monthly	1	<5			nil visual	No
		4/06/21	22/06/21	24/06/21	pH		Monthly	1	7.31			6.5-8.5	No
		4/06/21	22/06/21	24/06/21	Salinity	ppt	Not required	1	0.145				
		4/06/21	22/06/21	24/06/21	TDS	mg/L	Not required	1	124				
		4/06/21	22/06/21	24/06/21	TSS	mg/L	Not required	1	29				
		4/06/21	22/06/21	24/06/21	BOD	mg/L	Monthly	1	<5				
	Point 16 - Septic waste water Effluent quality monitoring	4/06/21	22/06/21	24/06/21	FC	cfu/100mL	Monthly	1	<1				
		4/06/21	22/06/21	24/06/21	O&G	mg/L	Monthly	1	<3				
		4/06/21	22/06/21	24/06/21	TN	mg/L	Monthly	1	46				
		4/06/21	22/06/21	24/06/21	TDS	mg/L	Monthly	1	381				
		4/06/21	22/06/21	24/06/21	TSS	mg/L	Not required	1	25				
		4/06/21	22/06/21	24/06/21	TP	mg/L	Monthly	1	4.8				