Tower Power Station

Licence Number: 5357
EDL CSM (NSW) PTY LTD
Licence Holder: PO BOX 4046

Licensee Address: Tower Coal Seam Methane Power Station Month: FY 2017-18



	19101	IUI: FT 2017-18					Monitoring					
Month	Location of monitoring point	Sampled	Obtained	Published	Pollutant	Units	Frequency (Licence)	Licence Limit	Measurement during month	Min Mean Max	Exceedance (Yes/No)	
WOITH	Control of monitoring point	Janipied	11/08/17	11/08/17		ppb	Continuous	arcence Limit	Continuous	0 14 235		1
	Point 10 - Ambient air and weather monitoring station		11/08/17	11/08/17	7 03	ppb	Continuous	2422	Continuous	-3 18 33]
	Point 11 - Air emissions monitoring		4/08/17	11/08/17	7 NOx	ppm	Continuous Weekly during	2132g/min	Continuous	<2132g/min	No	-
			4/08/17	11/08/17	7 O&G	mg/L	any discharge Weekly during		1	No Visual		1
			4/08/17	11/08/17	7 рН		any discharge		1	6.8		
Jul-17		26/07/17	26/07/17	11/08/17	TSS	mg/L	Monthly		0			The First Flush samples were not collected as the storage pits were empty at the time of collection
	Point 8 - First Flush Effluent quality monitoring	26/07/17	26/07/17	11/08/17		ppt	Monthly		0			
		4/07/17 4/07/17	26/07/17 26/07/17	11/08/17 11/08/17		mg/L	Monthly Monthly		1	<5 7.45		-
		4/07/17	26/07/17	11/08/17	-	mg/L	Monthly		1	7.45		1
		4/07/17	26/07/17	11/08/17		mg/L	Monthly		1	11		
	Point 9 - Process Water Effluent quality monitoring	4/07/17	26/07/17 12/09/17	11/08/17 12/09/17	_	ppt ppb	Monthly Continuous		1 Continuous	0.097	,	1
	Point 10 - Ambient air and weather monitoring station		12/09/17	12/09/17	_	ppb	Continuous		Continuous	-1 22 40		
	Point 11 - Air emissions monitoring		30/08/17	12/09/17	7 NOx	ppm	Continuous Weekly during	2132g/min	Continuous	<2132g/min	No	
			30/08/17	12/09/17	7 O&G	mg/L	any discharge		1	No Visual		
			30/08/17	12/09/17	7 pH		Weekly during any discharge		1	8.38		
Aug-17		2/08/17	30/08/17	12/09/17		mg/L	Monthly		1	1		1
	Point 8 - First Flush Effluent quality monitoring	2/08/17	30/08/17	12/09/17		ppt	Monthly		1	0.176		
		2/08/17 2/08/17	30/08/17 30/08/17	12/09/17 12/09/17		mg/L	Monthly Monthly		1	<5 7.5		-
		2/08/17	30/08/17	12/09/17	-	mg/L	Monthly		1	120]
		2/08/17	30/08/17	12/09/17		mg/L	Monthly		1	7		
	Point 9 - Process Water Effluent quality monitoring	2/08/17	30/08/17 27/10/17	12/09/17	_	ppt ppb	Monthly Continuous		1 Continuous	0.147		1
	Point 10 - Ambient air and weather monitoring station		27/10/17	30/10/17	7 O3	ppb	Continuous		Continuous	-2 24 57]
	Point 11 - Air emissions monitoring		29/09/17	10/10/17	7 NOx	ppm	Continuous Weekly during	2132g/min	Continuous	<2132g/min	no	-
			29/09/17	10/10/17	7 O&G	mg/L	any discharge		0			The First Flush samples were not collected as the storage pits were empty at the time of collection
			29/09/17	10/10/17	7 pH		Weekly during any discharge		0			
Sep-17		4/09/17	20/09/17	10/10/17	7 TSS	mg/L	Monthly		0			
	Point 8 - First Flush Effluent quality monitoring	4/09/17	20/09/17	10/10/17		ppt mg/l	Monthly		0	and the same of th		
		4/09/17 4/09/17	20/09/17 20/09/17	10/10/17	_	mg/L	Monthly Monthly		1	<5 7.88		1
		4/09/17	20/09/17	10/10/17	7 TDS	mg/L	Monthly		1	125		
	Point 9 - Process Water Effluent quality monitoring	4/09/17 4/09/17	20/09/17	10/10/17		mg/L ppt	Monthly Monthly		1	6 0.157		-
	Point 9 - Process water Emdent quanty monitoring	1,00,00	9/11/17	17/11/17		ppb	Continuous		Continuous	0 16 550		<u> </u>
	Point 10 - Ambient air and weather monitoring station Point 11 - Air emissions monitoring		9/11/17	17/11/17		ppb	Continuous	2132a/m/-	Continuous	-1 24 64		1
	FOIR 11 - All ethissions monitoring		31/10/17	17/11/17	INUX	ppm	Continuous Weekly during	2132g/min	Continuous	<2132g/min	no	
			31/10/17	17/11/17	7 O&G	mg/L	any discharge		0			
			31/10/17	17/11/17	7 рН		Weekly during any discharge		0			The First Flush samples were not collected as the storage pits were empty at the time of collection
Oct-17		16/10/17 16/10/17	3/11/17 3/11/17	17/11/17		mg/L	Monthly		0			1
	Point 8 - First Flush Effluent quality monitoring	16/10/17	3/11/17	17/11/17 17/11/17		ppt mg/L	Monthly Monthly		1	<5		
		16/10/17	3/11/17	17/11/17	7 рН		Monthly		1	6.43]
		16/10/17 16/10/17	3/11/17 3/11/17	17/11/17 17/11/17		mg/L mg/L	Monthly Monthly		1	93		-
	Point 9 - Process Water Effluent quality monitoring	16/10/17		17/11/17		mg/L ppt	Monthly		1	0.11	<u></u>	1
			12/12/17	12/12/17	7 NOx	ppb	Continuous		Continuous	-1 7 177]
	Point 10 - Ambient air and weather monitoring station Point 11 - Air emissions monitoring		12/12/17 30/11/17	12/12/17		ppb ppm	Continuous Continuous	2132g/min	Continuous Continuous	-1 19 52 <2132g/min	no	1
	-						Weekly during					
			30/11/17	12/12/17	7 O&G	mg/L	any discharge		1	nil visual		First flush was inspected each week during the month. Wk 4 was the only week with water present
			30/11/17	12/12/17	7 pH		Weekly during any discharge		1	8.5		the only week with water present
N-c-c-		01-1-	04/44/4			b						
Nov-17		2/11/17	24/11/17	12/12/17	155	mg/L	Monthly		0			The First Flush samples were not collected as the storage pits were empty at the time of collection
	Point 8 - First Flush Effluent quality monitoring	2/11/17	24/11/17	12/12/17	-	ppt	Monthly		0			and an enterior
		2/11/17	24/11/17	12/12/17	7 O&G	mg/L	Monthly		1	<5		
		2/11/17	24/11/17	12/12/17	7 рН		Monthly		1	10.19	<u>L</u> _	pH probe on the pH correction system was found to be faulty. Probe replaced on 13/11/17
		2/11/17	24/11/17	12/12/17		mg/L	Monthly		1	184		
	Point 9 - Process Water Effluent quality monitoring	2/11/17 2/11/17		12/12/17	_	mg/L ppt	Monthly Monthly		1	0.22		1
		-, -1, 1	15/01/18	22/01/18	NOx .	ppb	Continuous		Continuous	1 6 67		1
	Point 10 - Ambient air and weather monitoring station Point 11 - Air emissions monitoring		15/01/18 5/01/18	22/01/18 9/01/18	_	ppb	Continuous Continuous	2132g/min	Continuous	-5 22 92	no	1
	Four 11 - All emissions monitoring					ppm	Weekly during	ZI3ZB/MIN	Continuous	<2132g/min	110	1
			5/01/18	9/01/18	0&G	mg/L	any discharge Weekly during		5	nil visual		1
Do- 17			5/01/18	9/01/18			any discharge		5	7 8 8.5		
Dec-17	Point 8 - First Flush Effluent quality monitoring	4/12/17 4/12/17	22/12/17 22/12/17	9/01/18	TSS Salinity	mg/L ppt	Monthly Monthly		1	0.123		1
	The read Endent quality monitoring	4/12/17	22/12/17	9/01/18	0&G	mg/L	Monthly		1	<5]
		4/12/17	22/12/17	9/01/18		m=l	Monthly		1	7.1		1
		4/12/17 4/12/17	22/12/17 22/12/17	9/01/18	_	mg/L mg/L	Monthly Monthly		1	140		1
	Point 9 - Process Water Effluent quality monitoring	4/12/17	22/12/17	9/01/18	Salinity	ppt	Monthly		1	0.168]
	Point 10 - Ambient air and weather monitoring station		12/02/18 12/02/18	14/02/18		ppb ppb	Continuous Continuous		Continuous Continuous	1 6 46 -1 17 100		-
	Point 10 - Ambient air and weather monitoring station Point 11 - Air emissions monitoring		1/02/18	14/02/18		ppb	Continuous	2132g/min	Continuous	-1 17 100 <2132	no	
			1/02/18	14/02/18	N US G	mg/L	Weekly during		1	nilvieus		First flush was inspected each week during the areath 14/1.2
						mg/L	any discharge Weekly during			nil visual		First flush was inspected each week during the month. Wk 2 wa the only week with water present
		2/04/40	1/02/18			m=l	any discharge		1	7.5		
Jan-18		3/01/18 3/01/18	30/01/18 30/01/18	14/02/18 14/02/18		mg/L ppt	Monthly Monthly		1	0.172		1
Jan-18	Point 8 - First Flush Effluent quality monitoring	0/01/10				_		 				1
Jan-18	Point 8 - First Flush Effluent quality monitoring	3/01/18	30/01/18	14/02/18	_	mg/L	Monthly		1	<5		4
Jan-18	Point 8 - First Flush Effluent quality monitoring	3/01/18 3/01/18	30/01/18	14/02/18	В рН		Monthly		1	7.61		
Jan-18	Point 8 - First Flush Effluent quality monitoring	3/01/18 3/01/18 3/01/18 3/01/18	30/01/18 30/01/18	14/02/18 14/02/18 14/02/18	pH TDS TSS	mg/L						

	T		0/02/10	14/02/10 NO:	- In the	Cti		C+:	0 0 252		1
	Bailet 40 Applicate six and constitution at the		9/03/18	14/03/18 NOx 14/03/18 O3	ppb	Continuous Continuous		Continuous	0 8 253 -4 13 57		1
Feb-18	Point 10 - Ambient air and weather monitoring station Point 11 - Air emissions monitoring		9/03/18 27/02/18	14/03/18 03 14/03/18 NOx	ppm	Continuous	2132g/min	Continuous		no	1
	Tolle 11 - All Chilssions monitoring		27/02/10	14/03/10/10/	Ppini	Weekly during	21328/11111	Continuous	<2132g/min	110	
			27/02/18	14/03/18 O&G	mg/L	any discharge		1	nil visual		First flush dry during the first 3 weeks of February. Only 2 samples
			, , , , , ,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	- 0,	Weekly during					taken during the month.
			27/02/18	14/03/18 pH		any discharge		2	7.04 7.09 7.15		_
		1/02/18	27/02/18	14/03/18 TSS	mg/L	Monthly		0			First flush was completely empty during sampling, therefore no
	Point 8 - First Flush Effluent quality monitoring	1/02/18	27/02/18	14/03/18 Salinity	ppt	Monthly		0			sample collected
		1/02/18	27/02/18	14/03/18 O&G	mg/L	Monthly		1	<5		
		1/02/18	27/02/18	14/03/18 pH		Monthly		1	7.6		
		1/02/18	27/02/18	14/03/18 TDS	mg/L	Monthly		1	132		
		1/02/18	27/02/18	14/03/18 TSS	mg/L	Monthly		1	2		
	Point 9 - Process Water Effluent quality monitoring	1/02/18	27/02/18	14/03/18 Salinity	ppt	Monthly		1	0.166		
			12/04/18	18/04/18 NOx	ppb	Continuous		Continuous	1 9 74		
	Point 10 - Ambient air and weather monitoring station		12/04/18	18/04/18 O3	ppb	Continuous		Continuous	-5 13 67		
	Point 11 - Air emissions monitoring		3/04/18	12/04/18 NOx	ppm	Continuous	2132g/min	Continuous	<2132g/min	no	
			2/04/40	42/04/40 000	,	Weekly during		2			
			3/04/18	12/04/18 O&G	mg/L	any discharge Weekly during		3	nil visual		First flush was dry one week during March. 3 samples were
			3/04/18	12/04/18 pH		any discharge		3	7.85 8.08 8.2		collected during the month.
Mar-18		6/03/18	27/03/18	12/04/18 TSS	mg/L	Monthly		0			First flush was empty duirng sampling, therefore no monthly TSS
	Point 8 - First Flush Effluent quality monitoring	6/03/18	27/03/18	12/04/18 Salinity	ppt	Monthly		0			or Salinity data.
		6/03/18	27/03/18	12/04/18 O&G	mg/L	Monthly		1	<5		,
		6/03/18	27/03/18	12/04/18 pH	6/ -	Monthly		1	6.54		1
		6/03/18	27/03/18	12/04/18 TDS	mg/L	Monthly		1	98		1
		6/03/18	27/03/18	12/04/18 TSS	mg/L	Monthly		1	2		1
	Point 9 - Process Water Effluent quality monitoring	6/03/18	27/03/18	12/04/18 Salinity	ppt	Monthly		1	0.119		1
	The state of the s		11/05/18	15/05/18 NOx	ppb	Continuous		Continuous	1 19 104		1
	Point 10 - Ambient air and weather monitoring station		11/05/18	15/05/18 O3	ppb	Continuous		Continuous	-2 17 62		1
	Point 11 - Air emissions monitoring		30/04/18	15/05/18 NOx	ppm	Continuous	2132g/min	Continuous	<2132g/min	no	1
						Weekly during	-		g,		
			30/04/18	15/05/18 O&G	mg/L	any discharge		0			First flush amounts during April
			20/04/40	45/05/40		Weekly during					First flush empty during April.
Apr-18			30/04/18	15/05/18 pH		any discharge		0			
Api-10		4/04/18	3/05/18	15/05/18 TSS	mg/L	Monthly		0			First flush was empty duirng sampling, therefore no monthly TSS
	Point 8 - First Flush Effluent quality monitoring	4/04/18	3/05/18	15/05/18 Salinity	ppt	Monthly		0			or Salinity data.
		4/04/18	3/05/18	15/05/18 O&G	mg/L	Monthly		1	<5		-
		4/04/18	3/05/18	15/05/18 pH		Monthly		1	8.04		4
		4/04/18	3/05/18	15/05/18 TDS	mg/L	Monthly		1	165		4
		4/04/18	3/05/18	15/05/18 TSS	mg/L	Monthly		1	2		4
	Point 9 - Process Water Effluent quality monitoring	4/04/18	3/05/18	15/05/18 Salinity	ppt	Monthly		1	0.194		
			18/06/18	22/06/18 NOx	ppb	Continuous		Continuous	1 12 65		4
	Point 10 - Ambient air and weather monitoring station Point 11 - Air emissions monitoring		18/06/18 31/05/18	22/06/18 O3 13/06/18 NOx	ppb	Continuous Continuous	2132g/min	Continuous Continuous	-1 17 43	no	-
	Point 11 - All emissions monitoring		31/03/18	13/00/18 NOX	ppiii	Weekly during	2132g/11111	Continuous	<2132g/min	no	
			31/05/18	13/06/18 O&G	mg/L			0			
			02,00,20			Weekly during					First flush empty during May
			31/05/18	13/06/18 pH		any discharge		0			
May-18				42/06/40 TCC	no a /1	1	I	0			First flush was empty duirng sampling, therefore no monthly TSS
		3/05/18	28/05/18	13/06/18 TSS	mg/L	Monthly		0			This has was empty during sampling, therefore no monthly rise
	Point 8 - First Flush Effluent quality monitoring	3/05/18 3/05/18		13/06/18 TSS 13/06/18 Salinity		Monthly Monthly		0			or Salinity data.
	Point 8 - First Flush Effluent quality monitoring		28/05/18			Monthly			<5		
	Point 8 - First Flush Effluent quality monitoring	3/05/18	28/05/18 28/05/18	13/06/18 Salinity 13/06/18 O&G 13/06/18 pH	ppt	Monthly		0	<5 7.25		
	Point 8 - First Flush Effluent quality monitoring	3/05/18 3/05/18 3/05/18 3/05/18	28/05/18 28/05/18 28/05/18 28/05/18	13/06/18 Salinity 13/06/18 O&G 13/06/18 pH 13/06/18 TDS	ppt mg/L mg/L	Monthly Monthly Monthly Monthly		0	7.25 151		
		3/05/18 3/05/18 3/05/18 3/05/18 3/05/18	28/05/18 28/05/18 28/05/18 28/05/18 28/05/18	13/06/18 Salinity 13/06/18 O&G 13/06/18 pH 13/06/18 TDS 13/06/18 TSS	mg/L mg/L	Monthly Monthly Monthly Monthly Monthly		0 1 1 1 1	7.25 151 5		
	Point 8 - First Flush Effluent quality monitoring Point 9 - Process Water Effluent quality monitoring	3/05/18 3/05/18 3/05/18 3/05/18	28/05/18 28/05/18 28/05/18 28/05/18 28/05/18 28/05/18	13/06/18 Salinity 13/06/18 O&G 13/06/18 pH 13/06/18 TDS 13/06/18 TSS 13/06/18 Salinity	ppt mg/L mg/L mg/L ppt	Monthly Monthly Monthly Monthly		0 1 1 1 1 1	7.25 151 5 0.189		
	Point 9 - Process Water Effluent quality monitoring	3/05/18 3/05/18 3/05/18 3/05/18 3/05/18	28/05/18 28/05/18 28/05/18 28/05/18 28/05/18 28/05/18 11/07/18	13/06/18 Salinity 13/06/18 O&G 13/06/18 pH 13/06/18 TDS 13/06/18 TSS 13/06/18 Salinity 13/07/18 NOx	mg/L mg/L mg/L ppt	Monthly Monthly Monthly Monthly Monthly Monthly Continuous		0 1 1 1 1 1 1 Continuous	7.25 151 5 0.189 1 11 61		
	Point 9 - Process Water Effluent quality monitoring Point 10 - Ambient air and weather monitoring station	3/05/18 3/05/18 3/05/18 3/05/18 3/05/18	28/05/18 28/05/18 28/05/18 28/05/18 28/05/18 28/05/18 11/07/18 11/07/18	13/06/18 Salinity 13/06/18 O&G 13/06/18 PH 13/06/18 TDS 13/06/18 TSS 13/06/18 Salinity 13/07/18 NOX 13/07/18 O3	mg/L mg/L mg/L ppt ppb	Monthly Monthly Monthly Monthly Monthly Monthly Continuous Continuous		0 1 1 1 1 1 1 1 1 Continuous Continuous	7.25 151 5 0.189 1 11 61 -1 18 29		
	Point 9 - Process Water Effluent quality monitoring	3/05/18 3/05/18 3/05/18 3/05/18 3/05/18	28/05/18 28/05/18 28/05/18 28/05/18 28/05/18 28/05/18 11/07/18	13/06/18 Salinity 13/06/18 O&G 13/06/18 pH 13/06/18 TDS 13/06/18 TSS 13/06/18 Salinity 13/07/18 NOx	mg/L mg/L mg/L ppt	Monthly Monthly Monthly Monthly Monthly Monthly Continuous	2132g/min	0 1 1 1 1 1 1 Continuous	7.25 151 5 0.189 1 11 61	no	
	Point 9 - Process Water Effluent quality monitoring Point 10 - Ambient air and weather monitoring station	3/05/18 3/05/18 3/05/18 3/05/18 3/05/18	28/05/18 28/05/18 28/05/18 28/05/18 28/05/18 28/05/18 11/07/18 11/07/18	13/06/18 Salinity 13/06/18 O&G 13/06/18 PH 13/06/18 TDS 13/06/18 TSS 13/06/18 Salinity 13/07/18 NOX 13/07/18 O3	mg/L mg/L mg/L ppt ppb	Monthly Monthly Monthly Monthly Monthly Monthly Monthly Continuous Continuous Continuous	2132g/min	0 1 1 1 1 1 1 1 1 Continuous Continuous	7.25 151 5 0.189 1 11 61 -1 18 29		
	Point 9 - Process Water Effluent quality monitoring Point 10 - Ambient air and weather monitoring station	3/05/18 3/05/18 3/05/18 3/05/18 3/05/18	28/05/18 28/05/18 28/05/18 28/05/18 28/05/18 28/05/18 28/05/18 11/07/18 11/07/18 2/07/18	13/06/18 Salinity 13/06/18 O&G 13/06/18 PH 13/06/18 TDS 13/06/18 TSS 13/06/18 Salinity 13/07/18 NOX 13/07/18 O3 13/07/18 NOX	mg/L mg/L mg/L ppt ppt ppb ppb	Monthly Monthly Monthly Monthly Monthly Monthly Monthly Continuous Continuous Continuous Weekly during	2132g/min	0 1 1 1 1 1 1 Continuous Continuous Continuous	7.25 151 5 0.189 1 11 61 -1 18 29 <2132g/min		
	Point 9 - Process Water Effluent quality monitoring Point 10 - Ambient air and weather monitoring station	3/05/18 3/05/18 3/05/18 3/05/18 3/05/18	28/05/18 28/05/18 28/05/18 28/05/18 28/05/18 28/05/18 11/07/18	13/06/18 Salinity 13/06/18 O&G 13/06/18 PH 13/06/18 TDS 13/06/18 TSS 13/06/18 Salinity 13/07/18 NOX 13/07/18 O3	mg/L mg/L mg/L ppt ppt ppb ppb	Monthly Monthly Monthly Monthly Monthly Monthly Monthly Continuous Continuous Continuous	2132g/min	0 1 1 1 1 1 1 1 1 Continuous Continuous	7.25 151 5 0.189 1 11 61 -1 18 29		
	Point 9 - Process Water Effluent quality monitoring Point 10 - Ambient air and weather monitoring station	3/05/18 3/05/18 3/05/18 3/05/18 3/05/18	28/05/18 28/05/18 28/05/18 28/05/18 28/05/18 28/05/18 28/05/18 11/07/18 11/07/18 2/07/18	13/06/18 Salinity 13/06/18 O&G 13/06/18 PH 13/06/18 TDS 13/06/18 TSS 13/06/18 Salinity 13/07/18 NOX 13/07/18 O3 13/07/18 NOX	mg/L mg/L mg/L ppt ppt ppb ppb	Monthly Monthly Monthly Monthly Monthly Monthly Continuous Continuous Continuous Weekly during any discharge	2132g/min	0 1 1 1 1 1 1 Continuous Continuous Continuous	7.25 151 5 0.189 1 11 61 -1 18 29 <2132g/min		
Jun-18	Point 9 - Process Water Effluent quality monitoring Point 10 - Ambient air and weather monitoring station	3/05/18 3/05/18 3/05/18 3/05/18 3/05/18	28/05/18 28/05/18 28/05/18 28/05/18 28/05/18 28/05/18 11/07/18 11/07/18 2/07/18	13/06/18 Salinity 13/06/18 O&G 13/06/18 PH 13/06/18 TDS 13/06/18 TSS 13/06/18 Salinity 13/07/18 NOX 13/07/18 NOX 13/07/18 NOX	mg/L mg/L mg/L ppt ppt ppb ppb	Monthly Monthly Monthly Monthly Monthly Monthly Monthly Continuous Continuous Continuous Weekly during any discharge Weekly during	2132g/min	0 1 1 1 1 1 Continuous Continuous Continuous	7.25 151 5 0.189 1 11 61 -1 18 29 <2132g/min		
Jun-18	Point 9 - Process Water Effluent quality monitoring Point 10 - Ambient air and weather monitoring station	3/05/18 3/05/18 3/05/18 3/05/18 3/05/18	28/05/18 28/05/18 28/05/18 28/05/18 28/05/18 28/05/18 11/07/18 11/07/18 2/07/18 2/07/18	13/06/18 Salinity 13/06/18 O&G 13/06/18 PH 13/06/18 TDS 13/06/18 TSS 13/06/18 Salinity 13/07/18 NOX 13/07/18 NOX 13/07/18 O&G 13/07/18 PH	ppt mg/L mg/L ppt ppb ppb ppm mg/L	Monthly Monthly Monthly Monthly Monthly Monthly Continuous Continuous Continuous Weekly during any discharge Weekly during any discharge	2132g/min	0 1 1 1 1 1 1 Continuous Continuous Continuous 4	7.25 151 5 0.189 1 11 61 -1 18 29 <2132g/min nil visual 7.01 7.53 8.2		
Jun-18	Point 9 - Process Water Effluent quality monitoring Point 10 - Ambient air and weather monitoring station Point 11 - Air emissions monitoring	3/05/18 3/05/18 3/05/18 3/05/18 3/05/18 3/05/18	28/05/18 28/05/18 28/05/18 28/05/18 28/05/18 28/05/18 11/07/18 11/07/18 2/07/18 2/07/18 2/07/18	13/06/18 Salinity 13/06/18 O&G 13/06/18 PH 13/06/18 TDS 13/06/18 TSS 13/06/18 Salinity 13/07/18 NOX 13/07/18 NOX 13/07/18 O&G 13/07/18 PH 13/07/18 TSS	mg/L mg/L mg/L ppt ppb ppb ppm mg/L	Monthly Monthly Monthly Monthly Monthly Monthly Continuous Continuous Continuous Weekly during any discharge Weekly during any discharge Monthly	2132g/min	0 1 1 1 1 1 Continuous Continuous Continuous 4	7.25 151 5 0.189 1 11 61 -1 18 29 <2132g/min nil visual 7.01 7.53 8.2		
Jun-18	Point 9 - Process Water Effluent quality monitoring Point 10 - Ambient air and weather monitoring station	3/05/18 3/05/18 3/05/18 3/05/18 3/05/18 3/05/18 4/06/18	28/05/18 28/05/18 28/05/18 28/05/18 28/05/18 28/05/18 11/07/18 11/07/18 2/07/18 2/07/18 2/07/18 2/07/18 2/07/18 2/07/18 26/06/18	13/06/18 Salinity 13/06/18 O&G 13/06/18 PH 13/06/18 TDS 13/06/18 TSS 13/06/18 Salinity 13/07/18 NOX 13/07/18 O&G 13/07/18 O&G 13/07/18 PH 13/07/18 TSS 13/07/18 Salinity	mg/L mg/L ppt ppb ppb ppm mg/L	Monthly Monthly Monthly Monthly Monthly Monthly Monthly Continuous Continuous Continuous Weekly during any discharge Weekly during any discharge Monthly Monthly	2132g/min	0 1 1 1 1 1 Continuous Continuous Continuous 4 4 1 1	7.25 151 5 0.189 1 11 61 -1 18 29 <2132g/min nil visual 7.01 7.53 8.2 26 0.121		
Jun-18	Point 9 - Process Water Effluent quality monitoring Point 10 - Ambient air and weather monitoring station Point 11 - Air emissions monitoring	3/05/18 3/05/18 3/05/18 3/05/18 3/05/18 3/05/18 4/06/18 4/06/18	28/05/18 28/05/18 28/05/18 28/05/18 28/05/18 28/05/18 11/07/18 11/07/18 2/07/18 2/07/18 2/07/18 2/07/18 2/07/18 2/07/18 2/07/18 2/07/18 2/07/18 2/07/18	13/06/18 Salinity 13/06/18 PH 13/06/18 TDS 13/06/18 TSS 13/06/18 Salinity 13/07/18 NOX 13/07/18 O&G 13/07/18 O&G 13/07/18 PH 13/07/18 TSS 13/07/18 TSS 13/07/18 Salinity 13/07/18 O&G	mg/L mg/L mg/L ppt ppb ppb ppm mg/L	Monthly Monthly Monthly Monthly Monthly Monthly Monthly Continuous Continuous Continuous Weekly during any discharge Weekly during any discharge Monthly Monthly	2132g/min	0 1 1 1 1 1 Continuous Continuous Continuous 4	7.25 151 5 0.189 1 11 61 -1 18 29 <2132g/min nil visual 7.01 7.53 8.2 26 0.121 <5		
Jun-18	Point 9 - Process Water Effluent quality monitoring Point 10 - Ambient air and weather monitoring station Point 11 - Air emissions monitoring	3/05/18 3/05/18 3/05/18 3/05/18 3/05/18 3/05/18 4/06/18	28/05/18 28/05/18 28/05/18 28/05/18 28/05/18 28/05/18 11/07/18 11/07/18 2/07/18 2/07/18 2/07/18 2/07/18 2/07/18 2/07/18 2/07/18 2/07/18 2/07/18 2/07/18	13/06/18 Salinity 13/06/18 O&G 13/06/18 PH 13/06/18 TDS 13/06/18 TSS 13/06/18 Salinity 13/07/18 NOX 13/07/18 O&G 13/07/18 O&G 13/07/18 PH 13/07/18 TSS 13/07/18 Salinity	mg/L mg/L ppt ppb ppb ppm mg/L	Monthly Monthly Monthly Monthly Monthly Monthly Monthly Continuous Continuous Continuous Weekly during any discharge Weekly during any discharge Monthly Monthly	2132g/min	0 1 1 1 1 1 Continuous Continuous Continuous 4 4 1 1 1 1 1	7.25 151 5 0.189 1 11 61 -1 18 29 <2132g/min nil visual 7.01 7.53 8.2 26 0.121		
Jun-18	Point 9 - Process Water Effluent quality monitoring Point 10 - Ambient air and weather monitoring station Point 11 - Air emissions monitoring	3/05/18 3/05/18 3/05/18 3/05/18 3/05/18 3/05/18 4/06/18 4/06/18 4/06/18	28/05/18 28/05/18 28/05/18 28/05/18 28/05/18 11/07/18 11/07/18 2/07/18 2/07/18 2/07/18 2/07/18 2/07/18 2/07/18 2/07/18 2/07/18 2/07/18 2/07/18 2/07/18 2/07/18	13/06/18 Salinity 13/06/18 PH 13/06/18 TDS 13/06/18 TSS 13/06/18 Salinity 13/07/18 NOX 13/07/18 NOX 13/07/18 OS 13/07/18 DH 13/07/18 PH 13/07/18 TSS 13/07/18 TSS 13/07/18 OSG 13/07/18 OSG 13/07/18 OSG	ppt mg/L mg/L ppt ppb ppb ppm mg/L ppt ppt ppb ppm mg/L	Monthly Monthly Monthly Monthly Monthly Monthly Monthly Continuous Continuous Continuous Weekly during any discharge Weekly during any discharge Monthly Monthly Monthly	2132g/min	0 1 1 1 1 1 Continuous Continuous Continuous 4 4 1 1 1 1 1 1	7.25 151 5 0.189 1 11 61 -1 18 29 <2132g/min nil visual 7.01 7.53 8.2 26 0.121 <5 7.32		
Jun-18	Point 9 - Process Water Effluent quality monitoring Point 10 - Ambient air and weather monitoring station Point 11 - Air emissions monitoring	3/05/18 3/05/18 3/05/18 3/05/18 3/05/18 3/05/18 4/06/18 4/06/18 4/06/18 4/06/18	28/05/18 28/05/18 28/05/18 28/05/18 28/05/18 11/07/18 11/07/18 2/07/18 2/07/18 2/07/18 2/07/18 2/07/18 2/07/18 2/07/18 2/07/18 2/07/18 2/07/18 2/07/18 2/07/18	13/06/18 Salinity 13/06/18 DAG 13/06/18 PH 13/06/18 TDS 13/06/18 TSS 13/06/18 Salinity 13/07/18 NOX 13/07/18 NOX 13/07/18 O&G 13/07/18 PH 13/07/18 TDS 13/07/18 Salinity 13/07/18 PH 13/07/18 DAG 13/07/	mg/L mg/L mg/L ppt ppb ppb ppm mg/L mg/L mg/L mg/L	Monthly Monthly Monthly Monthly Monthly Monthly Monthly Continuous Continuous Continuous Weekly during any discharge Weekly during any discharge Monthly Monthly Monthly Monthly Monthly	2132g/min	0 1 1 1 1 1 1 Continuous Continuous 4 4 1 1 1 1 1 1 1 1 1	7.25 151 5 0.189 1 11 61 -1 18 29 <2132g/min nil visual 7.01 7.53 8.2 26 0.121 <5 7.32 164		

Note: During the 2018-2019 Annual Return Compliance Review, additional Point 11 data (pH and O&G only) was identified for the June 2018 period. Additional data did not identify any water quality exceedances.

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