

		5357 EDL CSM Tower Coa Douglas Pa Douglas Pa FY 2018-19	l Seam Met ark Drive ark NSW 25	hane Power \$		ken off s	ite) and point sc	nurce NO3 air	emissions:			
	,	Spot samp	ling weekly ling monthly	during discha for Process y for waste w	arge for First Water Efflu	Flush p ent O&G	H and, oil and g i, pH;	rease (O&G)				1
Month	Location of monitoring point	Sampled	Obtained	Published	Pollutant	Units	Monitoring Frequency (Licence)	Licence Limit	Measurement during month	Min Mean Max	Exceedance (Yes/No)	
	Point 10 - Ambient air and weather monitoring station		8/08/18	22/08/18	NOx O3	ppb	Continuous		Continuous	1 11 65		
	Point 11 - Air emissions monitoring		8/08/18 30/07/18	22/08/18	NOx	ppb	Continuous	2132g/min	Continuous	-1 19 31 <2132g/min	No	
	Point 8 - First Flush Effluent quality monitoring		30/07/18	4/00/40	000	/1	Weekly during any		0			
Jul-18				1/08/18	O&G	mg/L	discharge Weekly during any					Note: Point 8 (First Flush) was dry during July. No water sampling conducted.
		2/07/18	30/07/18 23/07/18	1/08/18	pH TSS	mg/L	Not required		0			water sampling conducted.
		2/07/18	23/07/18	1/08/18	Salinity O&G	ppt mg/L	Not required Monthly		0	<5		
	Point 9 - Process Water Effluent quality monitoring	2/07/18	23/07/18	1/08/18	рН		Monthly		1	7.35		
		2/07/18	23/07/18 23/07/18	1/08/18	TDS	mg/L mg/L	Not required Not required		1	147		
		2/07/18	23/07/18 12/09/18	1/08/18 14/09/18	Salinity	ppt ppb	Not required Continuous		1 Continuous	0.176		
	Point 10 - Ambient air and weather monitoring station Point 11 - Air emissions monitoring		12/09/18 3/09/18	14/09/18 14/09/18	O3 NOx	ppb	Continuous Continuous	2132g/min	Continuous Continuous	0 21 35 <2132g/min	No	
			0/00/40	44/00/40			Weekly during any					
	Point 8 - First Flush Effluent quality monitoring		3/09/18	14/09/18	O&G	mg/L	discharge Weekly during any		1	nil		
Aug-18		2/08/18	3/09/18 29/08/18	14/09/18 14/09/18	pH TSS	mg/L	discharge Not required		1 0	7.1 7.1 7.1		
		2/08/18	29/08/18	14/09/18	Salinity O&G	ppt	Not required Monthly		0	45		Note: First flush was empty during sampling
	Point 9 - Process Water Effluent quality monitoring	2/08/18	29/08/18	14/09/18	pН	mg/L	Monthly		1	<5 7.35		
		2/08/18 2/08/18	29/08/18 29/08/18	14/09/18 14/09/18	TDS	mg/L mg/L	Not required Not required		1	164 2		
	Delet 40. Ambient die and werther medicine station	2/08/18	29/08/18 12/10/18	14/09/18 22/10/18	Salinity	ppt ppb	Not required Continuous		1 Continuous	0.195		
	Point 10 - Ambient air and weather monitoring station Point 11 - Air emissions monitoring		12/10/18 18/10/18	22/10/18 22/10/18	O3 NOx	ppb	Continuous Continuous	2132g/min	Continuous Continuous	0 21 36 <2132g/min	No	
							Weekly during any					
	Point 8 - First Flush Effluent quality monitoring		7/06/19	13/06/19	O&G	mg/L	Weekly		1	nil		
Sep-18			7/06/19	13/06/19	рН		during any discharge		1	7.1 7.1 7.1		
		4/09/18 4/09/18	21/09/18 21/09/18	10/10/18 10/10/18	TSS Salinity	mg/L ppt	Not required Not required		0			Note: First flush was empty during sampling
		4/09/18 4/09/18	21/09/18 21/09/18	10/10/18 10/10/18	O&G pH	mg/L	Monthly Monthly		1	<5 6.96		
	Point 9 - Process Water Effluent quality monitoring	4/09/18 4/09/18	21/09/18 21/09/18	10/10/18 10/10/18	TDS	mg/L mg/L	Not required Not required		1	146 3		
		4/09/18	21/09/18	10/10/18 15/11/18	Salinity	ppt	Not required Continuous		1 Continuous	0.176 1 16 128		
	Point 10 - Ambient air and weather monitoring station Point 11 - Air emissions monitoring		12/11/18 5/11/18	15/11/18 7/11/18	O3 NOx	ppb ppm	Continuous Continuous	2132g/min	Continuous Continuous	-1 19 49 <2132g/min	No	
			7/06/19	13/06/19	O&G	mg/L	Weekly during any discharge Weekly		10	nil		
Oct-18	Point 8 - First Flush Effluent quality monitoring	0/40/	7/06/19				during any discharge		10	7.25 7.72 8.1		
1		3/10/18	23/10/18 23/10/18	7/11/18	TSS Salinity	mg/L ppt	Not required Not required		0			Note: First flush was empty during sampling
		3/10/18 3/10/18	23/10/18 23/10/18	7/11/18 7/11/18	O&G pH	mg/L	Monthly Monthly		1	<5 7.54		
	Point 9 - Process Water Effluent quality monitoring	3/10/18 3/10/18	23/10/18 23/10/18	7/11/18 7/11/18	TDS	mg/L mg/L	Not required Not required		1	150 1		
\vdash		3/10/18		7/11/18 14/11/18	Salinity	ppt ppb	Not required Continuous		1 Continuous	0.182 1 10 105		
	Point 10 - Ambient air and weather monitoring station		11/12/18	14/11/18	O3 NOx	ppb	Continuous	2132g/min	Continuous	-3 17 60	No	
	Point 11 - Air emissions monitoring		20/11/10	1-7/11/10	1404	Pibili	Weekly during any	- roegmin	Continuous	<2132g/min	140	
	Daint O. Citat Charles Till		7/06/19	13/06/19	O&G	mg/L	discharge Weekly		5	nil		
Nov-18	Point 8 - First Flush Effluent quality monitoring		7/06/19	13/06/19	рН		during any discharge		5	6.77 7.72 8.2		
		5/11/18 5/11/18	28/11/18 28/11/18	14/11/18 14/11/18	TSS Salinity	mg/L ppt	Not required Not required		0			Note: First flush was empty during sampling
		5/11/18 5/11/18	28/11/18 28/11/18	14/11/18 14/11/18	O&G pH	mg/L	Monthly Monthly		1	<5 7.16		
1	Point 9 - Process Water Effluent quality monitoring	5/11/18	28/11/18	14/11/18	TDS	mg/L mg/L	Not required Not required		1 1	149		
		5/11/18	28/11/18	14/11/18	Salinity	ppt	Not required Continuous		1 Continuous	0.18		
	Point 10 - Ambient air and weather monitoring station Point 11 - Air emissions monitoring		11/01/19	17/01/19 17/01/19	O3	ppb ppm	Continuous	2132g/min	Continuous Continuous	0 18 84 <2132g/min	No	
	- VIII VIII OI III OI I		0,01/13	,51/19		Perm	Weekly during any	_ roegriiili	Continuous	~z rozymiii	.40	
	Daint O. Citat Charles Till		7/06/19	13/06/19	O&G	mg/L	discharge Weekly		11	nil		
Dec-18	Point 8 - First Flush Effluent quality monitoring		7/06/19	13/06/19	рН		during any discharge		11	6.85 7.31 8		
1		4/12/18 4/12/18	17/12/18 17/12/18	21/12/18 21/12/18	TSS Salinity	mg/L ppt	Monthly Not required		0			Note: First flush was empty during sampling
1		4/12/18 4/12/18	17/12/18 17/12/18	21/12/18	O&G pH	mg/L	Not required Monthly		1	<5 6.68		
1	Point 9 - Process Water Effluent quality monitoring	4/12/18	17/12/18	21/12/18	TDS	mg/L mg/L	Not required Not required		1 1	104 13		
		4/12/18		21/12/18	Salinity	ppt ppt	Not required	-	1	0.123	1	İ

	Point 10 - Ambient air and weather monitoring station		12/02/19		NOx	ppb	Continuous		Continuous	1 12	112		
	Point 11 - Air emissions monitoring		12/02/19	15/02/19 15/02/19	NOx	ppb	Continuous	2132g/min	Continuous	-1 21	94	No	
	Point 11 - Air emissions monitoring		14/02/19	15/02/19	NOX	ppm	Continuous Weekly	2132g/min	Continuous	<2132g/min		NO	
					l	١.	during any		_				
			7/06/19	13/06/19	O&G	mg/L	discharge Weekly		9	nil			
	Point 8 - First Flush Effluent quality monitoring						during any						
Jan-19			7/06/19	13/06/19	pH		discharge		9	6.51 7.51	8.18		
		3/01/19	1/02/19	15/02/19	TSS	mg/L	Not required		1	1			
		3/01/19	1/02/19	15/02/19	Salinity	ppt	Not required		1	0.387			
		3/01/19	1/02/19	15/02/19 15/02/19	O&G pH	mg/L	Monthly Monthly		1	<5 6.97			
	Point 9 - Process Water Effluent quality monitoring	3/01/19	1/02/19	15/02/19		mg/L	Not required		1	165			
		3/01/19	1/02/19	15/02/19	TSS	mg/L	Not required		1	22			
		3/01/19	1/02/19	15/02/19	Salinity	ppt	Not required		1	0.198			
	Point 10 - Ambient air and weather monitoring station		12/03/19	15/03/19	NOx	ppb	Continuous		Continuous	1 16	145		
	-		12/03/19	15/03/19	03	ppb	Continuous		Continuous	-1 18	95		
	Point 11 - Air emissions monitoring		1/03/19	15/03/19	NOx	ppm	Continuous Weekly	2132g/min	Continuous	<2132g/m	in	No	
							during any						
			7/06/19	13/06/19	O&G	mg/L	discharge		3	nil			
	Point 8 - First Flush Effluent quality monitoring						Weekly						
Feb-19			7/06/19	13/06/19	рH		during any discharge		3	7.18 7.48	7.9		
		6/02/19	27/02/19	15/03/19	TSS	mg/L	Not required		1	4			
		6/02/19	27/02/19	15/03/19	Salinity	ppt	Not required		1	0.297			
		6/02/19	27/02/19	15/03/19	O&G	mg/L	Monthly		1	<5			
	L	6/02/19	27/02/19	15/03/19	pH	1	Monthly		1	7.39			
	Point 9 - Process Water Effluent quality monitoring	6/02/19	27/02/19	15/03/19	TDS	mg/L	Not required		1	117			
		6/02/19	27/02/19	15/03/19 15/03/19	TSS Salinity	mg/L ppt	Not required Not required	-	1	19 0.143			
			12/04/19	12/04/19	NOx	ppb	Continuous	 	Continuous	1 12	201		
	Point 10 - Ambient air and weather monitoring station		12/04/19	12/04/19	03	ppb	Continuous		Continuous	-2 17	70		
	Point 11 - Air emissions monitoring		2/04/19	12/04/19	NOx	ppm	Continuous	2132g/min	Continuous	<2132g/m		No	
	J						Weekly						
			7/06/19	13/06/19	O&G	mg/L	during any discharge		13	nil			
			7700/13	13/06/19	pH	Illy'L	Weekly		.0	"			
	Point 8 - First Flush Effluent quality monitoring		7/06/19				during any discharge		13 6.6	6.6 7.42	6.6 7.42 7.93		
Mar-19		7/03/19	26/03/19	12/04/19	TSS	mg/L	Not required		0	0.0 7.42	1.55		
													Note: First flush was empty during sampling
		7/03/19	26/03/19	12/04/19	Salinity	ppt	Not required		0				.,, , ,
		7/03/19 7/03/19	26/03/19	12/04/19	O&G pH	mg/L	Monthly		1	<5 4.26			Note: Process Water pH was low at the time of
	Point 9 - Process Water Effluent quality monitoring	7/03/19	26/03/19	12/04/19	TDS	mg/L	Not required		1	68			sampling. Process water was being stored and removed from site at this time due to maintenance
	· ····· · · · · · · · · · · · · · · ·	7/03/19	26/03/19	12/04/19	TSS	mg/L	Not required		1	20			being conducted on the holding pits. No process wate
		7/03/19	26/03/19	12/04/19	Salinity	ppt	Not required		1	0.078			irrigated while pH correction system was not in use.
	Point 10 - Ambient air and weather monitoring station		10/05/19	13/05/19	NOx	ppb	Continuous		Continuous	1 16	359		
	Point 11 - Air emissions monitoring		10/05/19	13/05/19	03	ppb	Continuous		Continuous	-2 15	68	No	
							Continuous	2132a/min	Continuous				
	Point 11 - Air emissions monitoring		29/04/19	13/05/19	NOx	ppm	Continuous Weekly	2132g/min	Continuous	<2132g/m	111		
	Point 11 - All emissions monitoring						Weekly during any	2132g/min					
			7/06/19	13/05/19	O&G	ppm mg/L	Weekly during any discharge	2132g/min	Continuous 9	<2132g/m			
	Point 8 - First Flush Effluent quality monitoring		7/06/19	13/06/19	O&G		Weekly during any discharge Weekly during any	2132g/min	9	nil			
Apr-19		2/04/40	7/06/19	13/06/19	O&G pH	mg/L	Weekly during any discharge Weekly during any discharge	2132g/min	9	7.01 7.2	8.4		
Apr-19		2/04/19	7/06/19 7/06/19 24/04/19	13/06/19 13/06/19 13/05/19	O&G pH TSS	mg/L	Weekly during any discharge Weekly during any discharge Not required	2132g/min	9 9 1	7.01 7.2			
Apr-19		2/04/19	7/06/19 7/06/19 24/04/19 24/04/19	13/06/19	O&G pH TSS Salinity	mg/L mg/L ppt	Weekly during any discharge Weekly during any discharge Not required Not required	2132g/min	9	7.01 7.2 1 0.286			
Apr-19			7/06/19 7/06/19 24/04/19	13/06/19 13/06/19 13/05/19 13/05/19	O&G pH TSS	mg/L	Weekly during any discharge Weekly during any discharge Not required	2132g/min	9 9 1 1	7.01 7.2			
Apr-19		2/04/19 2/04/19	7/06/19 7/06/19 24/04/19 24/04/19 24/04/19	13/06/19 13/06/19 13/05/19 13/05/19 13/05/19	O&G pH TSS Salinity O&G	mg/L mg/L ppt	Weekly during any discharge Weekly during any discharge Not required Not required Monthly	2132g/min	9 1 1	7.01 7.2 1 0.286			
Apr-19	Point 8 - First Flush Effluent quality monitoring	2/04/19 2/04/19 2/04/19 2/04/19 2/04/19	7/06/19 7/06/19 24/04/19 24/04/19 24/04/19 24/04/19 24/04/19 24/04/19	13/06/19 13/06/19 13/05/19 13/05/19 13/05/19 13/05/19 13/05/19 13/05/19	O&G pH TSS Salinity O&G pH TDS TSS	mg/L mg/L mg/L mg/L mg/L	Weekly during any discharge Weekly during any discharge Not required Not required Monthly Monthly Not required Not required	2132g/min	9 1 1 1	7.01 7.2 1 0.286 <5 7.6 374			
Apr-19	Point 8 - First Flush Effluent quality monitoring	2/04/19 2/04/19 2/04/19 2/04/19	7/06/19 7/06/19 24/04/19 24/04/19 24/04/19 24/04/19 24/04/19 24/04/19	13/06/19 13/06/19 13/05/19 13/05/19 13/05/19 13/05/19 13/05/19 13/05/19 13/05/19	O&G pH TSS Salinity O&G pH TDS TSS Salinity	mg/L ppt mg/L mg/L mg/L ppt	Weekly during any discharge Weekly during any discharge Not required Not required Monthly Monthly Not required Not required Not required	2132g/min	9 1 1 1 1 1 1 1	7.01 7.2 1 0.286 <5 7.6 374 15 0.432	8.4		
Apr-19	Point 8 - First Flush Effluent quality monitoring	2/04/19 2/04/19 2/04/19 2/04/19 2/04/19	7/06/19 7/06/19 24/04/19 24/04/19 24/04/19 24/04/19 24/04/19 24/04/19 24/04/19 12/06/19	13/06/19 13/05/19 13/05/19 13/05/19 13/05/19 13/05/19 13/05/19 13/05/19 13/05/19	O&G pH TSS Salinity O&G pH TDS TSS Salinity NOx	mg/L ppt mg/L mg/L ppt ppt ppt ppt	Weekly during any discharge Weekly during any discharge Not required Not required Monthly Monthly Not required Not required Continuous	2132g/min	9 1 1 1 1 1 1 1 1 1 Continuous	7.01 7.2 1 0.286 <5 7.6 374 15 0.432 0 13	8.4		
Apr-19	Point 8 - First Flush Effluent quality monitoring Point 9 - Process Water Effluent quality monitoring Point 10 - Ambient air and weather monitoring station	2/04/19 2/04/19 2/04/19 2/04/19 2/04/19	7/06/19 7/06/19 24/04/19 24/04/19 24/04/19 24/04/19 24/04/19 24/04/19	13/06/19 13/06/19 13/05/19 13/05/19 13/05/19 13/05/19 13/05/19 13/05/19 13/05/19	O&G pH TSS Salinity O&G pH TDS TSS Salinity	mg/L ppt mg/L mg/L mg/L ppt	Weekly during any discharge Weekly during any discharge Not required Not required Monthly Monthly Not required Not required Not required		9 1 1 1 1 1 1 1	7.01 7.2 1 0.286 <5 7.6 374 15 0.432 0 13 -2 16	8.4 188 37	No	
Apr-19	Point 8 - First Flush Effluent quality monitoring Point 9 - Process Water Effluent quality monitoring	2/04/19 2/04/19 2/04/19 2/04/19 2/04/19	7/06/19 7/06/19 24/04/19 24/04/19 24/04/19 24/04/19 24/04/19 24/04/19 24/04/19 12/06/19	13/06/19 13/06/19 13/05/19 13/05/19 13/05/19 13/05/19 13/05/19 13/05/19 13/06/19 13/06/19	O&G pH TSS Salinity O&G pH TDS TSS Salinity NOx O3	mg/L ppt mg/L mg/L mg/L ppt ppt ppt ppt ppb	Weekly during any discharge Weekly during any discharge Not required Not required Monthly Monthly Mot required Not required Continuous Continuous Weekly	2132g/min	9 1 1 1 1 1 1 1 1 1 1 Continuous Continuous	7.01 7.2 1 0.286 <5 7.6 374 15 0.432 0 13	8.4 188 37		
Apr-19	Point 8 - First Flush Effluent quality monitoring Point 9 - Process Water Effluent quality monitoring Point 10 - Ambient air and weather monitoring station	2/04/19 2/04/19 2/04/19 2/04/19 2/04/19	7/06/19 7/06/19 24/04/19 24/04/19 24/04/19 24/04/19 24/04/19 24/04/19 24/04/19 24/04/19 22/06/19 12/06/19	13/06/19 13/06/19 13/05/19 13/05/19 13/05/19 13/05/19 13/05/19 13/05/19 13/06/19 13/06/19	O&G pH TSS Salinity O&G pH TDS TSS Salinity NOx O3 NOx	mg/L ppt mg/L mg/L mg/L ppt ppt ppt ppt ppb ppb	Weekly during any discharge Weekly during any discharge Not required Monthly Monthly Monthly Morthly Not required Continuous Continuous Continuous Weekly during any		9 1 1 1 1 1 1 1 1 Continuous Continuous	7.01 7.2 1 0.286 <5 7.6 374 15 0.432 0 13 -2 16 <2132g/m	8.4 188 37		
Apr-19	Point 8 - First Flush Effluent quality monitoring Point 9 - Process Water Effluent quality monitoring Point 10 - Ambient air and weather monitoring station Point 11 - Air emissions monitoring	2/04/19 2/04/19 2/04/19 2/04/19 2/04/19	7/06/19 7/06/19 24/04/19 24/04/19 24/04/19 24/04/19 24/04/19 24/04/19 24/04/19 12/06/19	13/06/19 13/06/19 13/05/19 13/05/19 13/05/19 13/05/19 13/05/19 13/05/19 13/06/19 13/06/19	O&G pH TSS Salinity O&G pH TDS TSS Salinity NOx O3	mg/L ppt mg/L mg/L mg/L ppt ppt ppt ppt ppb	Weekly during any discharge Weekly during any discharge Not required Not required Monthly Monthly Mot required Not required To required To required To required To required To required To required Continuous Continuous Weekly		9 1 1 1 1 1 1 1 1 1 1 Continuous Continuous	7.01 7.2 1 0.286 <5 7.6 374 15 0.432 0 13 -2 16	8.4 188 37		
	Point 8 - First Flush Effluent quality monitoring Point 9 - Process Water Effluent quality monitoring Point 10 - Ambient air and weather monitoring station	2/04/19 2/04/19 2/04/19 2/04/19 2/04/19	7/06/19 7/06/19 24/04/19 24/04/19 24/04/19 24/04/19 24/04/19 24/04/19 24/04/19 12/06/19 12/06/19	13/06/19 13/06/19 13/06/19 13/05/19 13/05/19 13/05/19 13/05/19 13/05/19 13/06/19 13/06/19	O&G PH TSS Salinity O&G PH TDS TSS Salinity NOx O3 NOx O&G	mg/L ppt mg/L mg/L mg/L ppt ppt ppt ppt ppb ppb	Weekly during any discharge Weekly during any discharge Weekly during any discharge Not required Not required Not required Not required Continuous Continuous Continuous Weekly during any discharge Weekly during any		9 1 1 1 1 1 1 1 1 1 1 1 Continuous Continuous Continuous	7.01 7.2 1 0.286 <5 7.6 374 15 0.432 0 13 -2 16 <2132g/m	8.4 188 37 in		
Apr-19 May-19	Point 8 - First Flush Effluent quality monitoring Point 9 - Process Water Effluent quality monitoring Point 10 - Ambient air and weather monitoring station Point 11 - Air emissions monitoring	2/04/19 2/04/19 2/04/19 2/04/19 2/04/19 2/04/19	7/06/19 7/06/19 24/04/19 24/04/19 24/04/19 24/04/19 24/04/19 24/04/19 24/04/19 24/04/19 22/06/19 12/06/19	13/06/19 13/06/19 13/05/19 13/05/19 13/05/19 13/05/19 13/05/19 13/05/19 13/06/19 13/06/19	O&G pH TSS Salinity O&G pH TDS TSS Salinity NOx O3 NOx O&G	mg/L ppt mg/L mg/L ppt ppt ppt ppt ppt ppb ppb ppm mg/L	Weekly during any discharge Weekly during any discharge Weekly during any discharge Not required		9 1 1 1 1 1 1 1 1 1 Continuous Continuous Continuous	7.01 7.2 1 0.286 < 5 7.6 374 15 0.432 0 13 -2 166 <2132g/m	8.4 188 37		
	Point 8 - First Flush Effluent quality monitoring Point 9 - Process Water Effluent quality monitoring Point 10 - Ambient air and weather monitoring station Point 11 - Air emissions monitoring	2/04/19 2/04/19 2/04/19 2/04/19 2/04/19 2/04/19 2/04/19 3/05/19	7/06/19 7/06/19 24/04/19 24/04/19 24/04/19 24/04/19 24/04/19 24/04/19 12/06/19 12/06/19 12/06/19 12/06/19 12/06/19	13/06/19 13/06/19 13/06/19 13/05/19 13/05/19 13/05/19 13/05/19 13/06/19 13/06/19 13/06/19 13/06/19	O&G PH TSS Salinity O&G PH TDS TSS Salinity NOx O3 NOx O&G PH TSS TSS TSS TSS TSS TSS TSS TSS TSS TS	mg/L ppt mg/L mg/L ppt ppb ppb ppb ppm mg/L	Weekly during any discharge Weekly during any discharge Weekly during any discharge Not required		9 1 1 1 1 1 1 1 1 1 1 1 Continuous Continuous Continuous	7.01 7.2 1 0.286 <5 7.6 7.6 374 15 0.432 0.13 -2.16 <2132g/m nil 7.2 7.49 2	8.4 188 37 in		
	Point 8 - First Flush Effluent quality monitoring Point 9 - Process Water Effluent quality monitoring Point 10 - Ambient air and weather monitoring station Point 11 - Air emissions monitoring	2/04/19 2/04/19 2/04/19 2/04/19 2/04/19 2/04/19	7/06/19 7/06/19 24/04/19 24/04/19 24/04/19 24/04/19 24/04/19 24/04/19 24/04/19 12/06/19 12/06/19 12/06/19	13/06/19 13/06/19 13/05/19 13/05/19 13/05/19 13/05/19 13/05/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19	O&G pH TSS Salinity O&G pH TDS TSS Salinity NOx O3 NOx O&G	mg/L mg/L ppt mg/L mg/L ppt mg/L ppb ppb ppb ppm mg/L ppt	Weekly during any discharge Weekly during any discharge Weekly during any discharge Not required		9 1 1 1 1 1 1 1 1 Continuous Continuous Continuous 4 4	7.01 7.2 1 0.286 < 5 7.6 374 15 0.432 0 13 -2 166 < 2132g/m	8.4 188 37 in		
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May-19 Jun-19 Annual review of volume	Point 8 - First Flush Effluent quality monitoring Point 9 - Process Water Effluent quality monitoring Point 10 - Ambient air and weather monitoring station Point 11 - Air emissions monitoring Point 8 - First Flush Effluent quality monitoring Point 9 - Process Water Effluent quality monitoring station Point 10 - Ambient air and weather monitoring station Point 11 - Air emissions monitoring Point 8 - First Flush Effluent quality monitoring Point 9 - Process Water Effluent quality monitoring	2/04/19 2/04/19 2/04/19 2/04/19 2/04/19 2/04/19 2/04/19 2/04/19 3/05/19 3/05/19 3/05/19 3/05/19 3/05/19 3/05/19 3/05/19 3/05/19 3/05/19 3/05/19 3/05/19 3/05/19 3/05/19 3/05/19 3/05/19 3/05/19 3/05/19 3/05/19 3/05/19 3/05/19 3/05/19 3/05/19	7/06/19 24/04/19 24/04/19 24/04/19 24/04/19 24/04/19 24/04/19 24/04/19 24/04/19 12/06/19 12/06/19 12/06/19 12/06/19 12/06/19 27/05/19 27/05/19 27/05/19 27/05/19 27/05/19 27/05/19 27/05/19 27/05/19 27/05/19 27/05/19 27/05/19 27/05/19 27/05/19 27/05/19 21/06/19 21/06/19 21/06/19 21/06/19 21/06/19	13/06/19 13/06/19 13/06/19 13/05/19 13/05/19 13/05/19 13/05/19 13/05/19 13/05/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19	O&G PH TSS Salinity NOx O3 NOX O&G PH TSS Salinity NOX O3 NOX O&G PH TSS Salinity NOX OAG PH TSS Salinity NOX OAG PH TSS Salinity NOX OAG OAG PH TSS Salinity NOX OAG SSAlinity NOX OAG TSS Salinity NOX OAG PH TSS Salinity NOX OAG PH TSS Salinity NOX OAG PH TSS Salinity	mg/L ppt mg/L ppb ppb ppb ppm mg/L mg/L ppt mg/L ppt ppt mg/L ppt ppb ppb ppb ppb ppb ppb ppb ppb ppb	Weekly during any discharge Weekly during any discharge Not required Continuous Continuous Veekly during any discharge Not required	2132g/min	9 9 1 1 1 1 1 1 1 1 1 Continuous Continuous Continuous 4 4 1 1 1 1 1 1 1 Continuous 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7.01 7.2 1.0 0.286 5.7 6 374 1.5 0.432 0 13 -2 16 22132g/m nil 7.2 7.49 2 0.332 5.7 1.8 128 4 0.15 0 15 -1 16 <2132g/m nil 6.75 7.19 4 0.059 -5 7.48 1344 7 0.161	8.4 188 37 in 8.00	No	
May-19 Annual review of volume monitoring	Point 8 - First Flush Effluent quality monitoring Point 9 - Process Water Effluent quality monitoring Point 10 - Ambient air and weather monitoring station Point 11 - Air emissions monitoring Point 8 - First Flush Effluent quality monitoring Point 10 - Ambient air and weather monitoring station Point 11 - Air emissions monitoring Point 12 - First Flush Effluent quality monitoring Point 13 - First Flush Effluent quality monitoring Point 14 - First Flush Effluent quality monitoring	2/04/19 2/04/19 2/04/19 2/04/19 2/04/19 2/04/19 2/04/19 2/04/19 3/05/19 3/05/19 3/05/19 3/05/19 3/05/19 3/05/19 3/05/19 3/05/19 3/05/19 3/05/19 3/05/19 3/05/19 3/05/19 3/05/19 3/05/19 3/05/19 3/05/19 3/05/19 3/05/19 3/05/19 3/05/19 3/05/19	7/06/19 7/06/19 24/04/19 24/04/19 24/04/19 24/04/19 24/04/19 24/04/19 24/04/19 24/04/19 24/04/19 24/04/19 24/04/19 12/06/19 12/06/19 12/06/19 27/05/19 27/05/19 27/05/19 27/05/19 27/05/19 27/05/19 27/05/19 27/05/19 27/05/19 27/05/19 27/05/19 27/05/19 27/05/19 27/05/19 27/05/19 27/05/19 27/05/19 27/05/19 27/05/19 27/05/19 27/05/19 27/05/19 27/05/19 27/05/19 27/05/19 27/05/19 27/05/19 27/05/19 27/05/19 27/05/19 27/05/19 27/05/19 27/05/19 27/05/19 27/05/19	13/06/19 13/06/19 13/05/19 13/05/19 13/05/19 13/05/19 13/05/19 13/05/19 13/05/19 13/05/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19 13/06/19	O&G PH TSS Salinity O&G PH TSS Solinity OAG OAG OAG OAG OAG PH TSS Salinity OAG OAG PH TTSS Salinity OAG	mg/L ppt mg/L ppt mg/L ppt ppb ppb ppm mg/L mg/L ppt mg/L ppt mg/L mg/L ppt mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	Weekly during any discharge Weekly during any discharge Not required Continuous Continuous Veekly during any discharge Not required	2132g/min	9 9 1 1 1 1 1 1 1 1 1 1 Continuous Continuous Continuous Continuous Continuous 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7.01 7.2 1.0 0.286 5.7 6 374 1.5 0.432 0 13 -2 16 22132g/m nil 7.2 7.49 2 0.332 5.7 1.8 128 4 0.15 0 15 -1 16 <2132g/m nil 6.75 7.19 4 0.059 -5 7.48 1344 7 0.161	8.4 188 37 in 8.00	No	

Change Log
Date Change
Date Change
13/06/19 During the 2018-2019 Annual Return Compliance Review, additional Point 11 data (pH and O&G only) was identified for the July 2018 - April 2019 period. This data was compliant.
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