



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-17	Point 10 - Ambient air and weather monitoring station		11/08/17	11/08/17	NOx	ppb	Continuous		Continuous	0	14	235		
			11/08/17	11/08/17	O3	ppb	Continuous		Continuous	-3	18	33		
	Point 11 - Air emissions monitoring		4/08/17	11/08/17	NOx	ppm	Continuous	2132g/min	Continuous	<2132g/min			No	
			4/08/17	11/08/17	O&G	mg/L	Weekly during any discharge		1		No Visual			
			4/08/17	11/08/17	pH		Weekly during any discharge		1		6.8			
	Point 8 - First Flush Effluent quality monitoring		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
			26/07/17	26/07/17	11/08/17	Salinity	ppt	Monthly	0					
			4/07/17	26/07/17	11/08/17	O&G	mg/L	Monthly	1		<5			
			4/07/17	26/07/17	11/08/17	pH		Monthly	1		7.45			
			4/07/17	26/07/17	11/08/17	TDS	mg/L	Monthly	1		79			
		4/07/17	26/07/17	11/08/17	TSS	mg/L	Monthly	1		11				
Point 9 - Process Water Effluent quality monitoring		4/07/17	26/07/17	11/08/17	Salinity	ppt	Monthly	1		0.097				
Aug-17	Point 10 - Ambient air and weather monitoring station		12/09/17	12/09/17	NOx	ppb	Continuous		Continuous	0	17	297		
			12/09/17	12/09/17	O3	ppb	Continuous		Continuous	-1	22	40		
	Point 11 - Air emissions monitoring		30/08/17	12/09/17	NOx	ppm	Continuous	2132g/min	Continuous	<2132g/min			No	
			30/08/17	12/09/17	O&G	mg/L	Weekly during any discharge		1		No Visual			
			30/08/17	12/09/17	pH		Weekly during any discharge		1		8.38			
	Point 8 - First Flush Effluent quality monitoring		2/08/17	30/08/17	12/09/17	TSS	mg/L	Monthly	1		1			
			2/08/17	30/08/17	12/09/17	Salinity	ppt	Monthly	1		0.176			
			2/08/17	30/08/17	12/09/17	O&G	mg/L	Monthly	1		<5			
			2/08/17	30/08/17	12/09/17	pH		Monthly	1		7.5			
			2/08/17	30/08/17	12/09/17	TDS	mg/L	Monthly	1		120			
Point 9 - Process Water Effluent quality monitoring		2/08/17	30/08/17	12/09/17	TSS	mg/L	Monthly	1		7				
		2/08/17	30/08/17	12/09/17	Salinity	ppt	Monthly	1		0.147				
Sep-17	Point 10 - Ambient air and weather monitoring station		27/10/17	30/10/17	NOx	ppb	Continuous		Continuous	0	32	425		
			27/10/17	30/10/17	O3	ppb	Continuous		Continuous	-2	24	57		
	Point 11 - Air emissions monitoring		29/09/17	10/10/17	NOx	ppm	Continuous	2132g/min	Continuous	<2132g/min			no	
			29/09/17	10/10/17	O&G	mg/L	Weekly during 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	pH		Weekly during any discharge		0					
	Point 8 - First Flush Effluent quality monitoring		4/09/17	20/09/17	10/10/17	TSS	mg/L	Monthly	0					
			4/09/17	20/09/17	10/10/17	Salinity	ppt	Monthly	0					
			4/09/17	20/09/17	10/10/17	O&G	mg/L	Monthly	1		<5			
			4/09/17	20/09/17	10/10/17	pH		Monthly	1		7.88			
			4/09/17	20/09/17	10/10/17	TDS	mg/L	Monthly	1		125			
		4/09/17	20/09/17	10/10/17	TSS	mg/L	Monthly	1		6				
Point 9 - Process Water Effluent quality monitoring		4/09/17	20/09/17	10/10/17	Salinity	ppt	Monthly	1		0.157				
Oct-17	Point 10 - Ambient air and weather monitoring station		9/11/17	17/11/17	NOx	ppb	Continuous		Continuous	0	16	550		
			9/11/17	17/11/17	O3	ppb	Continuous		Continuous	-1	24	64		
	Point 11 - Air emissions monitoring		31/10/17	17/11/17	NOx	ppm	Continuous	2132g/min	Continuous	<2132g/min			no	
			31/10/17	17/11/17	O&G	mg/L	Weekly during any discharge		0					The First Flush samples were not collected as the storage pits were empty at the time of collection
			31/10/17	17/11/17	pH		Weekly during any discharge		0					
	Point 8 - First Flush Effluent quality monitoring		16/10/17	3/11/17	17/11/17	TSS	mg/L	Monthly	0					
			16/10/17	3/11/17	17/11/17	Salinity	ppt	Monthly	0					
			16/10/17	3/11/17	17/11/17	O&G	mg/L	Monthly	1		<5			
			16/10/17	3/11/17	17/11/17	pH		Monthly	1		6.43			
			16/10/17	3/11/17	17/11/17	TDS	mg/L	Monthly	1		93			
		16/10/17	3/11/17	17/11/17	TSS	mg/L	Monthly	1		1				
Point 9 - Process Water Effluent quality monitoring		16/10/17	3/11/17	17/11/17	Salinity	ppt	Monthly	1		0.11				
Nov-17	Point 10 - Ambient air and weather monitoring station		12/12/17	12/12/17	NOx	ppb	Continuous		Continuous	-1	7	177		
			12/12/17	12/12/17	O3	ppb	Continuous		Continuous	-1	19	52		
	Point 11 - Air emissions monitoring		30/11/17	12/12/17	NOx	ppm	Continuous	2132g/min	Continuous	<2132g/min			no	
			30/11/17	12/12/17	O&G	mg/L	Weekly during 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	pH		Weekly during any discharge		1		8.5			
	Point 8 - First Flush Effluent quality monitoring		2/11/17	24/11/17	12/12/17	TSS	mg/L	Monthly	0					The First Flush samples were not collected as the storage pits were empty at the time of collection
			2/11/17	24/11/17	12/12/17	Salinity	ppt	Monthly	0					
			2/11/17	24/11/17	12/12/17	O&G	mg/L	Monthly	1		<5			
			2/11/17	24/11/17	12/12/17	pH		Monthly	1		10.19			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	TDS	mg/L	Monthly	1		184			
		2/11/17	24/11/17	12/12/17	TSS	mg/L	Monthly	1		3				
Point 9 - Process Water Effluent quality monitoring		2/11/17	24/11/17	12/12/17	Salinity	ppt	Monthly	1		0.22				
Dec-17	Point 10 - Ambient air and weather monitoring station		15/01/18	22/01/18	NOx	ppb	Continuous		Continuous	1	6	67		
			15/01/18	22/01/18	O3	ppb	Continuous		Continuous	-5	22	92		
	Point 11 - Air emissions monitoring		5/01/18	9/01/18	NOx	ppm	Continuous	2132g/min	Continuous	<2132g/min			no	
			5/01/18	9/01/18	O&G	mg/L	Weekly during any discharge		5		nil visual			
			5/01/18	9/01/18	pH		Weekly during any discharge		5		7	8	8.5	
	Point 8 - First Flush Effluent quality monitoring		4/12/17	22/12/17	9/01/18	TSS	mg/L	Monthly	1		2			
			4/12/17	22/12/17	9/01/18	Salinity	ppt	Monthly	1		0.123			
			4/12/17	22/12/17	9/01/18	O&G	mg/L	Monthly	1		<5			
			4/12/17	22/12/17	9/01/18	pH		Monthly	1		7.1			
			4/12/17	22/12/17	9/01/18	TDS	mg/L	Monthly	1		140			
Point 9 - Process Water Effluent quality monitoring		4/12/17	22/12/17	9/01/18	TSS	mg/L	Monthly	1		1				
		4/12/17	22/12/17	9/01/18	Salinity	ppt	Monthly	1		0.168				
Jan-18	Point 10 - Ambient air and weather monitoring station		12/02/18	14/02/18	NOx	ppb	Continuous		Continuous	1	6	46		
			12/02/18	14/02/18	O3	ppb	Continuous		Continuous	-1	17	100		
	Point 11 - Air emissions monitoring		1/02/18	14/02/18	NOx	ppm	Continuous	2132g/min	Continuous	<2132			no	
			1/02/18	14/02/18	O&G	mg/L	Weekly during any discharge		1		nil visual			First flush was inspected each week during the month. Wk 2 was the only week with water present
			1/02/18	14/02/18	pH		Weekly during any discharge		1		7.5			
	Point 8 - First Flush Effluent quality monitoring		3/01/18	30/01/18	14/02/18	TSS	mg/L	Monthly	1		1			
			3/01/18	30/01/18	14/02/18	Salinity	ppt	Monthly	1		0.172			
			3/01/18	30/01/18	14/02/18	O&G	mg/L	Monthly	1		<5			
			3/01/18	30/01/18	14/02/18	pH		Monthly	1		7.61			
			3/01/18	30/01/18	14/02/18	TDS	mg/L	Monthly	1		133			
		3/01/18	30/01/18	14/02/18	TSS	mg/L	Monthly	1		1				
Point 9 - Process Water Effluent quality monitoring		3/01/18	30/01/18	14/02/18	Salinity	ppt	Monthly	1		0.159				

Feb-18	Point 10 - Ambient air and weather monitoring station	9/03/18	14/03/18	NOx	ppb	Continuous		Continuous	0	8	253			
	Point 11 - Air emissions monitoring	9/03/18	14/03/18	O3	ppb	Continuous	2132g/min	Continuous	-4	13	57			
	Point 8 - First Flush Effluent quality monitoring	27/02/18	14/03/18	O&G	mg/L	Weekly during any discharge			1	nil visual			First flush dry during the first 3 weeks of February. Only 2 samples taken during the month.	
		27/02/18	14/03/18	pH		Weekly during any discharge			2	7.04	7.09	7.15		
		1/02/18	27/02/18	14/03/18	TSS	mg/L	Monthly			0				
	Point 9 - Process Water Effluent quality monitoring	1/02/18	27/02/18	14/03/18	Salinity	ppt	Monthly			0				First flush was completely empty during sampling, therefore no 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			
Mar-18	Point 10 - Ambient air and weather monitoring station	12/04/18	18/04/18	NOx	ppb	Continuous		Continuous	1	9	74			
	Point 11 - Air emissions monitoring	12/04/18	18/04/18	O3	ppb	Continuous	2132g/min	Continuous	-5	13	67			
	Point 8 - First Flush Effluent quality monitoring	3/04/18	12/04/18	O&G	mg/L	Weekly during any discharge			3	nil visual			First flush was dry one week during March. 3 samples were collected during the month.	
		3/04/18	12/04/18	pH		Weekly during any discharge			3	7.85	8.08	8.2		
		6/03/18	27/03/18	12/04/18	TSS	mg/L	Monthly			0				
	Point 9 - Process Water Effluent quality monitoring	6/03/18	27/03/18	12/04/18	Salinity	ppt	Monthly			0				First flush was empty during sampling, therefore no monthly TSS 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		Monthly			1	6.54			
		6/03/18	27/03/18	12/04/18	TDS	mg/L	Monthly			1	98			
		6/03/18	27/03/18	12/04/18	TSS	mg/L	Monthly			1	2			
Apr-18	Point 10 - Ambient air and weather monitoring station	11/05/18	15/05/18	NOx	ppb	Continuous		Continuous	1	19	104			
	Point 11 - Air emissions monitoring	11/05/18	15/05/18	O3	ppb	Continuous	2132g/min	Continuous	-2	17	62			
	Point 8 - First Flush Effluent quality monitoring	30/04/18	15/05/18	O&G	mg/L	Weekly during any discharge			0				First flush empty during April.	
		30/04/18	15/05/18	pH		Weekly during any discharge			0					
		4/04/18	3/05/18	15/05/18	TSS	mg/L	Monthly			0				
	Point 9 - Process Water Effluent quality monitoring	4/04/18	3/05/18	15/05/18	Salinity	ppt	Monthly			0				First flush was empty during sampling, therefore no monthly TSS 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			
		4/04/18	3/05/18	15/05/18	TDS	mg/L	Monthly			1	165			
		4/04/18	3/05/18	15/05/18	TSS	mg/L	Monthly			1	2			
May-18	Point 10 - Ambient air and weather monitoring station	18/06/18	22/06/18	NOx	ppb	Continuous		Continuous	1	12	65			
	Point 11 - Air emissions monitoring	18/06/18	22/06/18	O3	ppb	Continuous	2132g/min	Continuous	-1	17	43			
	Point 8 - First Flush Effluent quality monitoring	31/05/18	13/06/18	O&G	mg/L	Weekly during any discharge			0				First flush empty during May	
		31/05/18	13/06/18	pH		Weekly during any discharge			0					
		3/05/18	28/05/18	13/06/18	TSS	mg/L	Monthly			0				
	Point 9 - Process Water Effluent quality monitoring	3/05/18	28/05/18	13/06/18	Salinity	ppt	Monthly			0				First flush was empty during sampling, therefore no monthly TSS or Salinity data.
		3/05/18	28/05/18	13/06/18	O&G	mg/L	Monthly			1	<5			
		3/05/18	28/05/18	13/06/18	pH		Monthly			1	7.25			
		3/05/18	28/05/18	13/06/18	TDS	mg/L	Monthly			1	151			
		3/05/18	28/05/18	13/06/18	TSS	mg/L	Monthly			1	5			
Jun-18	Point 10 - Ambient air and weather monitoring station	11/07/18	13/07/18	NOx	ppb	Continuous		Continuous	1	11	61			
	Point 11 - Air emissions monitoring	11/07/18	13/07/18	O3	ppb	Continuous	2132g/min	Continuous	-1	18	29			
	Point 8 - First Flush Effluent quality monitoring	2/07/18	13/07/18	O&G	mg/L	Weekly during any discharge			4	nil visual			First flush was empty during sampling, therefore no monthly TSS or Salinity data.	
		2/07/18	13/07/18	pH		Weekly during any discharge			4	7.01	7.53	8.2		
		4/06/18	26/06/18	13/07/18	TSS	mg/L	Monthly			1	26			
	Point 9 - Process Water Effluent quality monitoring	4/06/18	26/06/18	13/07/18	Salinity	ppt	Monthly			1	0.121			First flush was empty during sampling, therefore no monthly TSS or Salinity data.
		4/06/18	26/06/18	13/07/18	O&G	mg/L	Monthly			1	<5			
		4/06/18	26/06/18	13/07/18	pH		Monthly			1	7.32			
		4/06/18	26/06/18	13/07/18	TDS	mg/L	Monthly			1	164			
		4/06/18	26/06/18	13/07/18	TSS	mg/L	Monthly			1	6			

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.