Vales Point Power Station Monthly Environmental Data Summary

LICENCE NO	761	http://www.epa.nsw.gov.au/prpoeoapp/
LICENCE HOLDER	SUNSET POWER INTERNATIONAL PTY LTD	
REPORTING PERIOD	October 2023	
ADDRESS	VALES ROAD, MANNERING PARK NSW	



POINT 2	Combined air emissions from boiler 5 via Points 4	to 7 to Point 1 mark	ed and shown as EPA ID 2 on The Plans	s ("VX837351	-1 AND "VX837351	l-2" 03/06/2020	EPA REFERENCE	DOC20/476695 AN	ID DOC20/47669	/5-1).
				Samples					99 Percentile	100 Perce

				Samples						100 Percentile		
				Collected &	Date Sampled	Lowest Sample	Mean of	Highest Sample	Concentration	Concentration	100% Limit	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed		Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Oct-23	Cadmium	(mg/m3)	Every 6 months	1	August 2023	0.000276	0.000276	0.000276		0.2	No	
Oct-23	Chlorine	(mg/m3)	Every 6 months	1	August 2023	1.82	1.82	1.82		20	No	
Oct-23	Fluorine	(mg/m3)	Every 6 months	1	August 2023	10.8	10.8	10.8		30	No	
Oct-23	Hydrogen chloride	(mg/m3)	Every 6 months	1	August 2023	11.0	11.0	11.0		50	No	
Oct-23	Mercury	(mg/m3)	Every 6 months	1	August 2023	0.00107	0.00107	0.00107		0.05	No	
Oct-23	Nitrogen Oxides	(mg/m3)	Continuous	96.8%	Oct-23	406	630	795	850	980	No	
Oct-23	Solid Particles	(mg/m3)	Quarterly	1	August 2023	1.15	1.15	1.15		50	No	
Oct-23	Sulfur dioxide	(mg/m3)	Continuous	96.8%	Oct-23	608	940	1435	1400	1700	No	
Oct-23	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months	1	August 2023	9.0	9.0	9.0		100	No	
Oct-23	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months	1	August 2023	0.005	0.005	0.005		0.75	No	
Oct-23	VOC's as n-propane equivalent	(mg/m3)	Every 6 months	1	August 2023	<0.425	<0.425	<0.425		10	No	

POINT 3 Combined air emissions from boiler 6 via Points 8 to 11 to Point 1 marked and shown as EPA ID 3 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).

				Samples					99 Percentile	100 Percentile	Exceed	
				Collected &		Lowest Sample	Mean of	Highest Sample	Concentration	Concentration	100% Limit	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Oct-23	Cadmium	(mg/m3)	Every 6 months	1	August 2023	0.0007	0.0007	0.0007		0.2	No	
Oct-23	Chlorine	(mg/m3)	Every 6 months	1	August 2023	0.567	0.567	0.567		20	No	
Oct-23	Fluorine	(mg/m3)	Every 6 months	1	August 2023	14.7	14.7	14.7		30	No	
Oct-23	Hydrogen chloride	(mg/m3)	Every 6 months	1	August 2023	15.1	15.1	15.1		50	No	
Oct-23	Mercury	(mg/m3)	Every 6 months	1	August 2023	0.000508	0.000508	0.000508		0.05	No	
Oct-23	Nitrogen Oxides	(mg/m3)	Continuous	58.1%	Oct-23	501	623	820	850	980	No	
Oct-23	Solid Particles	(mg/m3)	Quarterly	1	August 2023	1.20	1.20	1.20		50	No	
Oct-23	Sulfur dioxide	(mg/m3)	Continuous	57.9%	Oct-23	727	943	1390	1400	1700	No	
Oct-23	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months	1	August 2023	6.1	6.1	6.1		100	No	
Oct-23	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months	1	August 2023	0.0155	0.0155	0.0155		0.75	No	
Oct-23	VOC's as n-propane equivalent	(mg/m3)	Every 6 months	1	August 2023	< 0.411	< 0.411	< 0.411		10	No	

POINT 4 Boiler number 5 exhaust - duct A marked and shown as EPA ID 4 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).

				Samples					99 Percentile	100 Percentile		
				Collected &		Lowest Sample	Mean of	Highest Sample	Concentration	Concentration	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Oct-23	Cadmium	(mg/m3)	Every 6 months	1	August 2023	0.000152	0.000152	0.000152			N/A	
Oct-23	Carbon dioxide	(%)	Every 6 months	1	August 2023	11.0	11.0	11.0			N/A	
Oct-23	Chlorine	(mg/m3)	Every 6 months	1	August 2023	1.3	1.3	1.3			N/A	
Oct-23	Fluorine	(mg/m3)	Every 6 months	1	August 2023	11.1	11.1	11.1			N/A	
Oct-23	Hydrogen chloride	(mg/m3)	Every 6 months	1	August 2023	13.7	13.7	13.7			N/A	
Oct-23	Mercury	(mg/m3)	Every 6 months	1	August 2023	0.00122	0.00122	0.00122			N/A	
Oct-23	Solid Particles	(mg/m3)	Quarterly	1	August 2023	<1.01	<1.01	<1.01			N/A	
Oct-23	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months	1	August 2023	10.2	10.2	10.2			N/A	
Oct-23	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months	1	August 2023	0.00391	0.00391	0.00391			N/A	
Oct-23	VOC's as n-propane equivalent	(mg/m3)	Every 6 months	1	August 2023	< 0.391	< 0.391	< 0.391			N/A	

POINT 5	Boiler number 5 exhaust - duct B marked and sho	wn as EPA ID 5 on Th	e Plans ("VX837351-1 AND "VX83735	1-2" 03/06/2	020 EPA REFEREN	CE DOC20/476695	AND DOC20/47	6695-1).				
				Samples					99 Percentile	100 Percentile		
				Collected &		Lowest Sample	Mean of	Highest Sample	Concentration	Concentration	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Oct-23	Cadmium	(mg/m3)	Every 6 months	1	August 2023	0.00082	0.00082	0.00082			N/A	
Oct-23	Mercury	(mg/m3)	Every 6 months	1	August 2023	0.00137	0.00137	0.00137			N/A	
Oct-23	Solid Particles	(mg/m3)	Quarterly	1	August 2023	<1.37	<1.37	<1.37			N/A	
Oct-23	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months	1	August 2023	0.01	0.01	0.01			N/A	

POINT 6	Boiler number 5 exhaust - duct C marked and sho	wn as EPA ID 6 on Th	e Plans ("VX837351-1 AND "VX8373	51-2" 03/06/2	020 EPA REFEREN	CE DOC20/476695	AND DOC20/47	6695-1).				
				Samples					99 Percentile	100 Percentile		
				Collected &		Lowest Sample	Mean of	Highest Sample	Concentration	Concentration	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Oct-23	Cadmium	(mg/m3)	Every 6 months	1	August 2023	< 0.000106	< 0.000106	< 0.000106			N/A	
Oct-23	Carbon dioxide	(%)	Every 6 months	1	August 2023	9.7	9.7	9.7			N/A	
Oct-23	Chlorine	(mg/m3)	Every 6 months	1	August 2023	3.04	3.04	3.04			N/A	
Oct-23	Fluorine	(mg/m3)	Every 6 months	1	August 2023	9.95	9.95	9.95			N/A	
Oct-23	Hydrogen chloride	(mg/m3)	Every 6 months	1	August 2023	4.6	4.6	4.6			N/A	
Oct-23	Mercury	(mg/m3)	Every 6 months	1	August 2023	0.000635	0.000635	0.000635			N/A	
Oct-23	Solid Particles	(mg/m3)	Quarterly	1	August 2023	<1.49	<1.49	<1.49			N/A	
Oct-23	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months	1	August 2023	6.1	6.1	6.1			N/A	
Oct-23	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months	1	August 2023	0.0036	0.0036	0.0036			N/A	
Oct-23	VOC's as n-propane equivalent	(mg/m3)	Every 6 months	1	August 2023	< 0.507	< 0.507	< 0.507			N/A	

POINT 7	Boiler number 5 exhaust - duct D marked and sho	own as EPA ID 7 on Th	e Plans ("VX837351-1 AND "VX83735	51-2" 03/06/2	020 EPA REFEREN	CE DOC20/476695	5 AND DOC20/47	6695-1).				
				Samples					99 Percentile	100 Percentile		
				Collected &		Lowest Sample	Mean of	Highest Sample	Concentration	Concentration	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Oct-23	Cadmium	(mg/m3)	Every 6 months	1	August 2023	< 0.0000696	<0.0000696	<0.0000696			N/A	
Oct-23	Mercury	(mg/m3)	Every 6 months	1	August 2023	0.000886	0.000886	0.000886			N/A	
Oct-23	Solid Particles	(mg/m3)	Quarterly	1	August 2023	< 0.985	< 0.985	< 0.985			N/A	
Oct-23	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months	1	August 2023	0.00335	0.00335	0.00335			N/A	

POINT 8	Boiler number 6 exhaust - duct A marked and sho	own as EPA ID 8 on Th	e Plans ("VX837351-1 AND "VX83735	51-2" 03/06/2	020 EPA REFEREN	CE DOC20/476695	AND DOC20/47	6695-1).				
				Samples					99 Percentile	100 Percentile		
				Collected &		Lowest Sample	Mean of	Highest Sample	Concentration	Concentration	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Oct-23	Cadmium	(mg/m3)	Every 6 months	1	August 2023	0.000431	0.000431	0.000431			N/A	
Oct-23	Carbon dioxide	(%)	Every 6 months	1	August 2023	10.9	10.9	10.9			N/A	
Oct-23	Chlorine	(mg/m3)	Every 6 months	1	August 2023	< 0.604	< 0.604	< 0.604			N/A	
Oct-23	Fluorine	(mg/m3)	Every 6 months	1	August 2023	16.1	16.1	16.1			N/A	
Oct-23	Hydrogen chloride	(mg/m3)	Every 6 months	1	August 2023	15.1	15.1	15.1			N/A	
Oct-23	Mercury	(mg/m3)	Every 6 months	1	August 2023	0.00109	0.00109	0.00109			N/A	
Oct-23	Solid Particles	(mg/m3)	Quarterly	1	August 2023	<1.08	<1.08	<1.08			N/A	
Oct-23	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months	1	August 2023	5.7	5.7	5.7			N/A	
Oct-23	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months	1	August 2023	0.0138	0.0138	0.0138			N/A	
Oct-23	VOC's as n-propane equivalent	(mg/m3)	Every 6 months	1	August 2023	< 0.413	< 0.413	< 0.413			N/A	

POINT 9	Boiler number 6 exhaust - duct B marked and sh	own as EPA ID 9 on In	ie bigus (AY83/321-1 AMD AY83/32	51-2" 03/06/2	UZU EPA KEFEKEN	CE DOC20/476695	AND DOC20/47	6695-1).				
				Samples				1	99 Percentile	100 Percentile		
				Collected &		Lowest Sample	Mean of	Highest Sample	Concentration	Concentration	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Oct-23	Cadmium	(mg/m3)	Every 6 months	1	August 2023	0.00133	0.00133	0.00133			N/A	
Oct-23	Mercury	(mg/m3)	Every 6 months	1	August 2023	0.00013	0.00013	0.00013			N/A	
Oct-23	Solid Particles	(mg/m3)	Quarterly	1	August 2023	<1.33	<1.33	<1.33			N/A	
Oct-23	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months	1	August 2023	0.0227	0.0227	0.0227			N/A	
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OINT 10	Boiler number 6 exhaust - duct C marked and she	own as EPA ID 10 on T	he Plans ("VX837351-1 AND "VX8373	351-2" 03/06/	2020 EPA REFERE	NCE DOC20/47669	5 AND DOC20/4	76695-1).				
				Samples					99 Percentile	100 Percentile		
				Collected &		Lowest Sample	Mean of	Highest Sample	Concentration	Concentration	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Oct-23	Cadmium	(mg/m3)	Every 6 months	1	August 2023	0.000103	0.000103	0.000103			N/A	Comments
Oct-23	Carbon dioxide	(%)	Every 6 months	1	August 2023	10.8	10.8	10.8			N/A	
Oct-23	Chlorine	(mg/m3)	Every 6 months	1	August 2023	0.418	0.418	0.418			N/A	
Oct-23	Fluorine	(mg/m3)	Every 6 months	1	August 2023	9.12	9.12	9.12			N/A	
Oct-23	Hydrogen chloride	(mg/m3)	Every 6 months	1	August 2023	15.1	15.1	15.1			N/A	
Oct-23	Mercury	(mg/m3)	Every 6 months	1	August 2023	0.000391	0.000391	0.000391			N/A	
Oct-23	Solid Particles	(mg/m3)	Quarterly	1	August 2023 August 2023	<1.03	<1.03	<1.03			N/A	
Oct-23	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months	1	August 2023 August 2023	7.6	7.6	7.6			N/A	
	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months	1	August 2023 August 2023	0.0043	0.0043	0.0043			N/A N/A	
Oct-23 Oct-23				1	_	<0.403	<0.403	<0.403			N/A N/A	
JLI-23	VOC's as n-propane equivalent	(mg/m3)	Every 6 months	1	August 2023	NU.4U3	\U.4U 3	NU.4U3			N/A	l
DINT 11	Boiler number 6 exhaust - duct D marked and sh	FDA ID 11 T	Fb - Di () (V0272F4 4 AND) (V027	254 211 02/06	2020 FDA DEFEDE	NCE DOC20/4766	F AND DOC20/4	7CC0F 4\				
JINI II	Boiler Humber 6 exhaust - duct D marked and sh	OWII AS EPA ID 11 OII I	THE Plans (VA837331-1 AND VA8373		ZUZU EPA KEFEKE	NCE DUC20/47663	3 AND DUCZU/4	70033-1).	00 D	100 D		
				Samples			,		99 Percentile	100 Percentile		
				Collected &		Lowest Sample	Mean of	Highest Sample	Concentration	Concentration	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Oct-23	Cadmium	(mg/m3)	Every 6 months	1	August 2023	0.000186	0.000186	0.000186			N/A	
	Mercury	(mg/m3)	Every 6 months	1	August 2023	0.000186	0.000186	0.000186			N/A	
Oct-23 Oct-23	Mercury Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and	(mg/m3) (mg/m3)	Quarterly Every 6 months	1	August 2023 August 2023	<1.24 0.00937	<1.24 0.00937	<1.24 0.00937	AND DOC20/476	695-1).	N/A N/A N/A	
Oct-23 Oct-23	Solid Particles Type 1 and Type 2 substances in aggregate	(mg/m3) (mg/m3)	Quarterly Every 6 months	1 1 Plans ("VX8373 Samples	August 2023 August 2023	<1.24 0.00937 7351-2" 03/06/202	<1.24 0.00937	<1.24 0.00937 CE DOC20/476695	99 Percentile	100 Percentile	N/A N/A	
Oct-23 Oct-23 Oct-23	Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and	(mg/m3) (mg/m3) B (points 4 and 5) mar	Quarterly Every 6 months ked and shown as EPA ID 12 on The P	1 1 Plans ("VX8373 Samples Collected &	August 2023 August 2023 51-1 AND "VX837	<1.24 0.00937 7351-2" 03/06/202 Lowest Sample	<1.24 0.00937 20 EPA REFERENCE Mean of	<1.24 0.00937 CE DOC20/476695 Highest Sample	99 Percentile Concentration	100 Percentile Concentration	N/A N/A	
Oct-23 Oct-23 Oint 12 Month	Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and Pollutant	(mg/m3) (mg/m3) B (points 4 and 5) mar Unit of Measure	Quarterly Every 6 months ked and shown as EPA ID 12 on The P Sample/Measurement Frequency	1 1 Plans ("VX8373 Samples Collected & Analysed	August 2023 August 2023 51-1 AND "VX837 Date Sampled	<1.24 0.00937 351-2" 03/06/202 Lowest Sample Value	<1.24 0.00937 DEPAREFERENCE Mean of Samples	<1.24 0.00937 CE DOC20/476695 Highest Sample Value	99 Percentile	100 Percentile	N/A N/A Exceedance (yes/no)	Comments
Oct-23 Oct-23 Ont-23 Ont-23 Ont-12 Ont-12 Ont-12	Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and Pollutant Nitrogen Oxides	(mg/m3) (mg/m3) B (points 4 and 5) mar Unit of Measure (mg/m3)	Quarterly Every 6 months ked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous	1 1 Samples Collected & Analysed 96.8%	August 2023 August 2023 51-1 AND "VX837 Date Sampled Oct-23	<1.24 0.00937 7351-2" 03/06/20 Lowest Sample Value 362	<1.24 0.00937 DEPAREFERENCE Mean of Samples 591	<1.24 0.00937 CE DOC20/476695 Highest Sample Value 810	99 Percentile Concentration	100 Percentile Concentration	N/A N/A Exceedance (yes/no) N/A	Comments
Oct-23 Oct-23 Ont-23 Ont-23 Ont-12 Month Oct-23	Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and Pollutant	(mg/m3) (mg/m3) B (points 4 and 5) mar Unit of Measure	Quarterly Every 6 months ked and shown as EPA ID 12 on The P Sample/Measurement Frequency	1 1 Plans ("VX8373 Samples Collected & Analysed	August 2023 August 2023 51-1 AND "VX837 Date Sampled	<1.24 0.00937 351-2" 03/06/202 Lowest Sample Value	<1.24 0.00937 DEPAREFERENCE Mean of Samples	<1.24 0.00937 CE DOC20/476695 Highest Sample Value	99 Percentile Concentration	100 Percentile Concentration	N/A N/A Exceedance (yes/no)	Comments
Oct-23 Oct-23 Ont-23 Ont-12 Month Oct-23 Oct-23	Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and Pollutant Nitrogen Oxides Sulfur dioxide	(mg/m3) (mg/m3) B (points 4 and 5) man Unit of Measure (mg/m3) (mg/m3)	Quarterly Every 6 months ked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous Continuous	1 1 2 lans ("VX8373 Samples Collected & Analysed 96.8%	August 2023 August 2023 51-1 AND "VX837 Date Sampled Oct-23 Oct-23	<1.24 0.00937 7351-2" 03/06/20: Lowest Sample Value 362 532	<1.24 0.00937 20 EPA REFEREN Mean of Samples 591 842	<1.24 0.00937 CE DOC20/476695 Highest Sample Value 810 1321	99 Percentile Concentration Limit	100 Percentile Concentration Limit	N/A N/A Exceedance (yes/no) N/A	Comments
Oct-23 Oct-23	Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and Pollutant Nitrogen Oxides	(mg/m3) (mg/m3) B (points 4 and 5) man Unit of Measure (mg/m3) (mg/m3)	Quarterly Every 6 months ked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous Continuous	1 1 2 lans ("VX8373 Samples Collected & Analysed 96.8%	August 2023 August 2023 51-1 AND "VX837 Date Sampled Oct-23 Oct-23	<1.24 0.00937 7351-2" 03/06/20: Lowest Sample Value 362 532	<1.24 0.00937 20 EPA REFEREN Mean of Samples 591 842	<1.24 0.00937 CE DOC20/476695 Highest Sample Value 810 1321	99 Percentile Concentration Limit	100 Percentile Concentration Limit	N/A N/A Exceedance (yes/no) N/A	Comments
Oct-23 Oct-23 Ont-23 Ont-12 Month Oct-23 Oct-23	Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and Pollutant Nitrogen Oxides Sulfur dioxide	(mg/m3) (mg/m3) B (points 4 and 5) man Unit of Measure (mg/m3) (mg/m3)	Quarterly Every 6 months ked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous Continuous	1 1 2 2 3 3 3 3 4 3 5 4 5 5 5 6 7 7 8 7 8 7 8 8 8 8 8 9 8 9 8 8 8 8 8 8	August 2023 August 2023 51-1 AND "VX837 Date Sampled Oct-23 Oct-23	<1.24 0.00937 7351-2" 03/06/20: Lowest Sample Value 362 532	<1.24 0.00937 20 EPA REFEREN Mean of Samples 591 842	<1.24 0.00937 CE DOC20/476695 Highest Sample Value 810 1321	99 Percentile Concentration Limit	100 Percentile Concentration Limit	N/A N/A Exceedance (yes/no) N/A	Comments
Oct-23 Oct-23 Ont-23 Ont-12 Month Oct-23 Oct-23	Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and Pollutant Nitrogen Oxides Sulfur dioxide	(mg/m3) (mg/m3) B (points 4 and 5) man Unit of Measure (mg/m3) (mg/m3)	Quarterly Every 6 months ked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous Continuous	1 1 2lans ("VX8373 Samples Collected & Analysed 96.8% 96.8% Samples	August 2023 August 2023 51-1 AND "VX837 Date Sampled Oct-23 Oct-23	<1.24 0.00937 351-2" 03/06/202 Lowest Sample Value 362 532 351-2" 03/06/202	<1.24 0.00937 20 EPA REFERENCE Mean of Samples 591 842 0 EPA REFERENCE	<1.24 0.00937 EE DOC20/476695 Highest Sample Value 810 1321 EE DOC20/476695	99 Percentile Concentration Limit AND DOC20/476 99 Percentile	100 Percentile Concentration Limit 695-1).	N/A N/A Exceedance (yes/no) N/A N/A	Comments
Oct-23 Oct-23 Oint 12 Oint 12 Vionth Oct-23 Oint 13	Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 5 combined exhaust - duct C and l	(mg/m3) (mg/m3) B (points 4 and 5) mar Unit of Measure (mg/m3) (mg/m3) D (points 6 and 7) mar	Quarterly Every 6 months ked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous Continuous Continuous	1 1 2lans ("VX8373 Samples Collected & Analysed 96.8% 96.8% Jans ("VX8373: Samples Collected &	August 2023 August 2023 51-1 AND "VX837 Date Sampled Oct-23 Oct-23 51-1 AND "VX837	<1.24 0.00937 7351-2" 03/06/202 Lowest Sample Value 362 532 351-2" 03/06/202 Lowest Sample	<1.24 0.00937 20 EPA REFERENCE Mean of Samples 591 842 0 EPA REFERENCE Mean of	<1.24 0.00937 EE DOC20/476695 Highest Sample Value 810 1321 E DOC20/476695	99 Percentile Concentration Limit AND DOC20/476 99 Percentile Concentration	100 Percentile Concentration Limit 695-1). 100 Percentile Concentration	N/A N/A Exceedance (yes/no) N/A N/A Exceedance	
Oct-23 Oct-23 DINT 12 Month Oct-23 DINT 13 Month	Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 5 combined exhaust - duct C and leading to the combined exhaust - duct C and leadin	(mg/m3) (mg/m3) B (points 4 and 5) man Unit of Measure (mg/m3) (mg/m3) D (points 6 and 7) man Unit of Measure	Quarterly Every 6 months ked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous Continuous ked and shownas EPA ID 13 on The Pl Sample/Measurement Frequency	1 1 1 Samples Collected & Analysed 96.8% 96.8% Samples Collected & Collected & Analysed	August 2023 August 2023 51-1 AND "VX837 Date Sampled Oct-23 Oct-23 51-1 AND "VX837 Date Sampled	<1.24 0.00937 7351-2" 03/06/20: Lowest Sample Value 362 532 351-2" 03/06/202 Lowest Sample Value	<1.24 0.00937 20 EPA REFERENCE Mean of Samples 591 842 0 EPA REFERENCE Mean of Samples	<1.24 0.00937 E DOC20/476695 Highest Sample Value 810 1321 E DOC20/476695 Highest Sample Value	99 Percentile Concentration Limit AND DOC20/476 99 Percentile	100 Percentile Concentration Limit 695-1).	N/A N/A Exceedance (yes/no) N/A N/A Exceedance (yes/no)	Comments
Oct-23 Oct-23 Oct-23 Onth Oct-23 Oct-23 Oct-23 Onth Oct-23 Oct-23	Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and Pollutant Nitrogen Oxides Boiler number 5 combined exhaust - duct C and I Pollutant Nitrogen Oxides	(mg/m3) (mg/m3) B (points 4 and 5) mar Unit of Measure (mg/m3) D (points 6 and 7) mar Unit of Measure (mg/m3)	Quarterly Every 6 months ked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous Continuous ked and shownas EPA ID 13 on The Pl Sample/Measurement Frequency Continuous	1 1 lans ("VX8373 Samples Collected & Analysed 96.8% Jans ("VX8373 Samples Collected & Analysed	August 2023 August 2023 August 2023 51-1 AND "VX837 Date Sampled	<1.24 0.00937 351-2" 03/06/202 Lowest Sample Value 362 532 351-2" 03/06/202 Lowest Sample Value 435	<1.24 0.00937 20 EPA REFERENCE Mean of Samples 591 842 0 EPA REFERENCE Mean of Samples 668	<1.24 0.00937 EE DOC20/476695 Highest Sample Value 810 1321 EE DOC20/476695 Highest Sample Value 8866	99 Percentile Concentration Limit AND DOC20/476 99 Percentile Concentration	100 Percentile Concentration Limit 695-1). 100 Percentile Concentration	Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A	
Oct-23 Oct-23 Oct-23 Onth Oct-23 Oct-23 Oct-23 Onth Oct-23 Oct-23	Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 5 combined exhaust - duct C and leading to the combined exhaust - duct C and leadin	(mg/m3) (mg/m3) B (points 4 and 5) man Unit of Measure (mg/m3) (mg/m3) D (points 6 and 7) man Unit of Measure	Quarterly Every 6 months ked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous Continuous ked and shownas EPA ID 13 on The Pl Sample/Measurement Frequency	1 1 1 Samples Collected & Analysed 96.8% 96.8% Samples Collected & Collected & Analysed	August 2023 August 2023 51-1 AND "VX837 Date Sampled Oct-23 Oct-23 51-1 AND "VX837 Date Sampled	<1.24 0.00937 7351-2" 03/06/20: Lowest Sample Value 362 532 351-2" 03/06/202 Lowest Sample Value	<1.24 0.00937 20 EPA REFERENCE Mean of Samples 591 842 0 EPA REFERENCE Mean of Samples	<1.24 0.00937 E DOC20/476695 Highest Sample Value 810 1321 E DOC20/476695 Highest Sample Value	99 Percentile Concentration Limit AND DOC20/476 99 Percentile Concentration	100 Percentile Concentration Limit 695-1). 100 Percentile Concentration	N/A N/A Exceedance (yes/no) N/A N/A Exceedance (yes/no)	
Oct-23	Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and Pollutant Nitrogen Oxides Sulfur dioxide Pollutant Nitrogen Oxides Sulfur dioxide Nitrogen Oxides Sulfur dioxide	(mg/m3) (mg/m3) B (points 4 and 5) man Unit of Measure (mg/m3) (mg/m3) Unit of Measure (mg/m3) (mg/m3)	Quarterly Every 6 months ked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous Continuous ked and shownas EPA ID 13 on The Pl Sample/Measurement Frequency Continuous Continuous Continuous	1 1 1 samples Collected & Analysed 96.8% 96.8% Samples Collected & Analysed 96.8% Analysed 96.8% 96.8%	August 2023 August 2023 August 2023 51-1 AND "VX837 Date Sampled Oct-23 Oct-23 Date Sampled Oct-23 Oct-23 Oct-23	<1.24 0.00937 7351-2" 03/06/202 Lowest Sample Value 362 532 351-2" 03/06/202 Lowest Sample Value 435 646	<1.24 0.00937 DEPA REFERENCE Mean of Samples 591 842 DEPA REFERENCE Mean of Samples 668 1038	<1.24 0.00937 EE DOC20/476695 Highest Sample Value 810 1321 E DOC20/476695 Highest Sample Value 866 1587	99 Percentile Concentration Limit AND DOC20/476 99 Percentile Concentration Limit	100 Percentile Concentration Limit 695-1). 100 Percentile Concentration Limit	Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A	
Oct-23 Oct-23 Oct-23 Oct-23 Oint 12 Wonth Oct-23 Oct-23 Oint 13 Wonth Oct-23 Oct-23	Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and Pollutant Nitrogen Oxides Boiler number 5 combined exhaust - duct C and I Pollutant Nitrogen Oxides	(mg/m3) (mg/m3) B (points 4 and 5) man Unit of Measure (mg/m3) (mg/m3) Unit of Measure (mg/m3) (mg/m3)	Quarterly Every 6 months ked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous Continuous ked and shownas EPA ID 13 on The Pl Sample/Measurement Frequency Continuous Continuous Continuous	1 1 1 samples Collected & Analysed 96.8% 96.8% Samples Collected & Analysed 96.8% Analysed 96.8% 96.8%	August 2023 August 2023 August 2023 51-1 AND "VX837 Date Sampled Oct-23 Oct-23 Date Sampled Oct-23 Oct-23 Oct-23	<1.24 0.00937 7351-2" 03/06/202 Lowest Sample Value 362 532 351-2" 03/06/202 Lowest Sample Value 435 646	<1.24 0.00937 DEPA REFERENCE Mean of Samples 591 842 DEPA REFERENCE Mean of Samples 668 1038	<1.24 0.00937 EE DOC20/476695 Highest Sample Value 810 1321 E DOC20/476695 Highest Sample Value 866 1587	99 Percentile Concentration Limit AND DOC20/476 99 Percentile Concentration Limit	100 Percentile Concentration Limit 695-1). 100 Percentile Concentration Limit	Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A	
Oct-23 Oct-23 Oint 12 Month Oct-23 Oct-23	Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and Pollutant Nitrogen Oxides Sulfur dioxide Pollutant Nitrogen Oxides Sulfur dioxide Nitrogen Oxides Sulfur dioxide	(mg/m3) (mg/m3) B (points 4 and 5) man Unit of Measure (mg/m3) (mg/m3) Unit of Measure (mg/m3) (mg/m3)	Quarterly Every 6 months ked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous Continuous ked and shownas EPA ID 13 on The Pl Sample/Measurement Frequency Continuous Continuous Continuous	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	August 2023 August 2023 August 2023 51-1 AND "VX837 Date Sampled Oct-23 Oct-23 Date Sampled Oct-23 Oct-23 Oct-23	<1.24 0.00937 7351-2" 03/06/202 Lowest Sample Value 362 532 351-2" 03/06/202 Lowest Sample Value 435 646	<1.24 0.00937 DEPA REFERENCE Mean of Samples 591 842 DEPA REFERENCE Mean of Samples 668 1038	<1.24 0.00937 EE DOC20/476695 Highest Sample Value 810 1321 E DOC20/476695 Highest Sample Value 866 1587	99 Percentile Concentration Limit AND DOC20/476 99 Percentile Concentration Limit AND DOC20/476	100 Percentile Concentration Limit 100 Percentile Concentration Limit 695-1).	Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A	
Oct-23 Oct-23 Oint 12 Month Oct-23 Oint 13 Month Oct-23 Oint 23 Oint 23 Oint 23 Oint 23 Oint 23 Oint 23	Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and Pollutant Nitrogen Oxides Sulfur dioxide Pollutant Nitrogen Oxides Sulfur dioxide Nitrogen Oxides Sulfur dioxide	(mg/m3) (mg/m3) B (points 4 and 5) man Unit of Measure (mg/m3) (mg/m3) Unit of Measure (mg/m3) (mg/m3)	Quarterly Every 6 months ked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous Continuous ked and shownas EPA ID 13 on The Pl Sample/Measurement Frequency Continuous Continuous Continuous	1 1 1 samples Collected & Analysed 96.8% 96.8% Samples Collected & Analysed 96.8% samples Collected & Analysed 96.8% 3es ("VX8373 Samples Samples Samples Samples	August 2023 August 2023 August 2023 51-1 AND "VX837 Date Sampled Oct-23 Oct-23 Date Sampled Oct-23 Oct-23 Oct-23	<1.24 0.00937 7351-2" 03/06/202 Lowest Sample Value 362 532 351-2" 03/06/202 Lowest Sample Value 435 646 351-2" 03/06/202	<1.24 0.00937 DEPA REFERENCE Mean of Samples 591 842 DEPA REFERENCE Mean of Samples 668 1038 DEPA REFERENCE O EPA REFERENCE	<1.24 0.00937 E DOC20/476695 Highest Sample Value 810 1321 E DOC20/476695 Highest Sample Value 866 1587 E DOC20/476695	99 Percentile Concentration Limit AND DOC20/476 99 Percentile Concentration Limit AND DOC20/476 99 Percentile	100 Percentile Concentration Limit 695-1). 100 Percentile Concentration Limit 100 Percentile	N/A N/A Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A N/A	
Oct-23 Oct-23 OINT 12 Month Oct-23 OINT 13 Month Oct-23 OCT-23 OCT-23 OCT-23 OCT-23 OCT-23	Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 5 combined exhaust - duct C and in the substance of the substanc	(mg/m3) (mg/m3) B (points 4 and 5) mar Unit of Measure (mg/m3) (mg/m3) D (points 6 and 7) mar Unit of Measure (mg/m3) (mg/m3) B (points 8 and 9) mar	Quarterly Every 6 months ked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous Continuous ked and shownas EPA ID 13 on The Pl Sample/Measurement Frequency Continuous Continuous Continuous Continuous	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	August 2023 August 2023 August 2023 51-1 AND "VX837 Date Sampled Oct-23 Oct-23 Oct-23 Oct-23 Oct-23 Oct-23	<1.24 0.00937 r351-2" 03/06/202 Lowest Sample Value 362 532 351-2" 03/06/202 Lowest Sample 435 646 351-2" 03/06/202 Lowest Sample	<1.24 0.00937 DEPA REFERENCE Mean of Samples 591 842 DEPA REFERENCE Mean of Samples 668 1038 DEPA REFERENCE Mean of Samples 668 Mean of Samples	<1.24 0.00937 E DOC20/476695 Highest Sample Value 810 1321 E DOC20/476695 Highest Sample Value 866 1587 E DOC20/476695 Highest Sample	99 Percentile Concentration Limit AND DOC20/476 99 Percentile Concentration Limit AND DOC20/476 99 Percentile Concentration	100 Percentile Concentration Limit 100 Percentile Concentration Limit 100 Percentile Concentration Limit 100 Percentile Concentration	Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A N/A	
Oct-23 Oct-23 Oint 12 Month Oct-23 Oint 13 Month Oct-23 Oint 13 Month Oct-23 Oint 14	Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 5 combined exhaust - duct C and in Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 6 combined exhaust - duct A and Pollutant Pollutant	(mg/m3) (mg/m3) B (points 4 and 5) mar Unit of Measure (mg/m3) (mg/m3) D (points 6 and 7) mar Unit of Measure (mg/m3) (mg/m3) B (points 8 and 9) mar Unit of Measure	Quarterly Every 6 months ked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous Continuous ked and shownas EPA ID 13 on The Pl Sample/Measurement Frequency Continuous Continuous Continuous Seed and shownas EPA ID 14 on The Pl Sample/Measurement Frequency Continuous	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	August 2023 August 2023 August 2023 51-1 AND "VX837 Date Sampled Oct-23 Oct-23 Date Sampled Oct-23 Oct-23 Oct-23 Oct-23 Oct-23 Oct-23 Oct-23 Date Sampled	<1.24 0.00937 2351-2" 03/06/202 Lowest Sample Value 362 532 351-2" 03/06/202 Lowest Sample Value 435 646 3351-2" 03/06/202 Lowest Sample Value	<1.24 0.00937 Reference Mean of Samples 591 842 DEPA REFERENCE Mean of Samples 668 1038 DEPA REFERENCE Mean of Samples 668	<1.24 0.00937 E DOC20/476695 Highest Sample Value 810 1321 E DOC20/476695 Highest Sample Value 866 1587 E DOC20/476695 Highest Sample Value Value 866 1587	99 Percentile Concentration Limit AND DOC20/476 99 Percentile Concentration Limit AND DOC20/476 99 Percentile	100 Percentile Concentration Limit 695-1). 100 Percentile Concentration Limit 100 Percentile	Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A Exceedance (yes/no)	
Oct-23 Oct-23 Oint 12 Wonth Oct-23 Oint 13 Wonth Oct-23 Oint 14 Wonth Oct-23	Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and Pollutant Nitrogen Oxides Boiler number 5 combined exhaust - duct C and I Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 6 combined exhaust - duct A and Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 6 combined exhaust - duct A and Pollutant Nitrogen Oxides	(mg/m3) (mg/m3) B (points 4 and 5) mar Unit of Measure (mg/m3) (mg/m3) D (points 6 and 7) mar Unit of Measure (mg/m3) (mg/m3) B (points 8 and 9) mar Unit of Measure (mg/m3)	Quarterly Every 6 months ked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous Continuous ked and shownas EPA ID 13 on The Pl Sample/Measurement Frequency Continuous	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 Samples Collected & Analysed 96.8% 96.8% Samples Collected & Analysed 96.8% 96.8% Samples Collected & Analysed 196.8% Samples Collected & Analysed 194.8%	August 2023 August 2023 August 2023 51-1 AND "VX837 Date Sampled	<1.24 0.00937 7351-2" 03/06/202 Lowest Sample Value 362 532 351-2" 03/06/202 Lowest Sample Value 435 646 351-2" 03/06/202 Lowest Sample Value 620	<1.24 0.00937 DEPA REFERENCE Mean of Samples 591 842 DEPA REFERENCE Mean of Samples 668 1038 DEPA REFERENCE Mean of Samples 668 688 688	<1.24 0.00937 E DOC20/476695 Highest Sample Value 810 1321 E DOC20/476695 Highest Sample Value 866 1587 E DOC20/476695 Highest Sample Value 929	99 Percentile Concentration Limit AND DOC20/476 99 Percentile Concentration Limit AND DOC20/476 99 Percentile Concentration	100 Percentile Concentration Limit 100 Percentile Concentration Limit 100 Percentile Concentration Limit 100 Percentile Concentration	N/A N/A Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A N/A	Comments Comments Faulty instrument during October 2023 resulted in loss of data. Circuit Card and n
Month Not-23	Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 5 combined exhaust - duct C and in Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 6 combined exhaust - duct A and Pollutant Pollutant	(mg/m3) (mg/m3) B (points 4 and 5) mar Unit of Measure (mg/m3) (mg/m3) D (points 6 and 7) mar Unit of Measure (mg/m3) (mg/m3) B (points 8 and 9) mar Unit of Measure	Quarterly Every 6 months ked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous Continuous ked and shownas EPA ID 13 on The Pl Sample/Measurement Frequency Continuous Continuous Continuous Seed and shownas EPA ID 14 on The Pl Sample/Measurement Frequency Continuous	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	August 2023 August 2023 August 2023 51-1 AND "VX837 Date Sampled Oct-23 Oct-23 Date Sampled Oct-23 Oct-23 Oct-23 Oct-23 Oct-23 Oct-23 Oct-23 Date Sampled	<1.24 0.00937 2351-2" 03/06/202 Lowest Sample Value 362 532 351-2" 03/06/202 Lowest Sample Value 435 646 3351-2" 03/06/202 Lowest Sample Value	<1.24 0.00937 Reference Mean of Samples 591 842 DEPA REFERENCE Mean of Samples 668 1038 DEPA REFERENCE Mean of Samples 668	<1.24 0.00937 E DOC20/476695 Highest Sample Value 810 1321 E DOC20/476695 Highest Sample Value 866 1587 E DOC20/476695 Highest Sample Value Value 866 1587	99 Percentile Concentration Limit AND DOC20/476 99 Percentile Concentration Limit AND DOC20/476 99 Percentile Concentration	100 Percentile Concentration Limit 100 Percentile Concentration Limit 100 Percentile Concentration Limit 100 Percentile Concentration	Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A Exceedance (yes/no)	Comments
Oct-23 Oct-23 Oint 12 Month Oct-23 Oint 13 Month Oct-23 Oint 14 Month Oct-23 Oint 14	Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 5 combined exhaust - duct C and in Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 6 combined exhaust - duct A and Pollutant Nitrogen Oxides Sulfur dioxide Pollutant Nitrogen Oxides Sulfur dioxide	(mg/m3) (mg/m3) B (points 4 and 5) mar Unit of Measure (mg/m3) (mg/m3) D (points 6 and 7) mar Unit of Measure (mg/m3) (mg/m3) B (points 8 and 9) mar Unit of Measure (mg/m3) (mg/m3)	Quarterly Every 6 months ked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous Continuous ked and shownas EPA ID 13 on The Pl Sample/Measurement Frequency Continuous Continuous ked and shownas EPA ID 14 on The Pl Sample/Measurement Frequency Continuous Continuous Continuous Continuous Continuous Continuous	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	August 2023 August 2023 August 2023 51-1 AND "VX837 Date Sampled	<1.24 0.00937 2351-2" 03/06/202 Lowest Sample Value 362 532 351-2" 03/06/202 Lowest Sample Value 435 646 351-2" 03/06/202 Lowest Sample Value 620 798	<1.24 0.00937 RO EPA REFERENCE Mean of Samples 591 842 DEPA REFERENCE Mean of Samples 668 1038 DEPA REFERENCE Mean of Samples 668 1038 DEPA REFERENCE Mean of Samples 668 1038	<1.24 0.00937 EDOC20/476695 Highest Sample Value 810 1321 EDOC20/476695 Highest Sample Value 866 1587 EDOC20/476695 Highest Sample Value 929 1468	99 Percentile Concentration Limit AND DOC20/476 99 Percentile Concentration Limit AND DOC20/476 99 Percentile Concentration Limit Limit	100 Percentile Concentration Limit 100 Percentile Concentration Limit 100 Percentile Concentration Limit 100 Percentile Concentration Limit	N/A N/A Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A N/A	Comments Comments Faulty instrument during October 2023 resulted in loss of data. Circuit Card and r
Oct-23 DINT 12 Month Doct-23 DINT 13 Month Doct-23 DINT 13 Month Doct-23 DINT 14 Month Doct-23 DINT 14	Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and Pollutant Nitrogen Oxides Boiler number 5 combined exhaust - duct C and I Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 6 combined exhaust - duct A and Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 6 combined exhaust - duct A and Pollutant Nitrogen Oxides	(mg/m3) (mg/m3) B (points 4 and 5) mar Unit of Measure (mg/m3) (mg/m3) D (points 6 and 7) mar Unit of Measure (mg/m3) (mg/m3) B (points 8 and 9) mar Unit of Measure (mg/m3) (mg/m3)	Quarterly Every 6 months ked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous Continuous ked and shownas EPA ID 13 on The Pl Sample/Measurement Frequency Continuous Continuous ked and shownas EPA ID 14 on The Pl Sample/Measurement Frequency Continuous Continuous Continuous Continuous Continuous Continuous	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	August 2023 August 2023 August 2023 51-1 AND "VX837 Date Sampled	<1.24 0.00937 2351-2" 03/06/202 Lowest Sample Value 362 532 351-2" 03/06/202 Lowest Sample Value 435 646 351-2" 03/06/202 Lowest Sample Value 620 798	<1.24 0.00937 RO EPA REFERENCE Mean of Samples 591 842 DEPA REFERENCE Mean of Samples 668 1038 DEPA REFERENCE Mean of Samples 668 1038 DEPA REFERENCE Mean of Samples 668 1038	<1.24 0.00937 EDOC20/476695 Highest Sample Value 810 1321 EDOC20/476695 Highest Sample Value 866 1587 EDOC20/476695 Highest Sample Value 929 1468	99 Percentile Concentration Limit AND DOC20/476 99 Percentile Concentration Limit AND DOC20/476 99 Percentile Concentration Limit Limit	100 Percentile Concentration Limit 100 Percentile Concentration Limit 100 Percentile Concentration Limit 100 Percentile Concentration Limit	N/A N/A Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A N/A	Comments Comments Faulty instrument during October 2023 resulted in loss of data. Circuit Card and r
Oct-23 Oct-23 Oint 12 Month Oct-23 Oint 13 Month Oct-23 Oint 13 Month Oct-23 Oct-23 Oct-23 Oct-23 Oct-23 Oct-23	Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 5 combined exhaust - duct C and in Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 6 combined exhaust - duct A and Pollutant Nitrogen Oxides Sulfur dioxide Pollutant Nitrogen Oxides Sulfur dioxide	(mg/m3) (mg/m3) B (points 4 and 5) mar Unit of Measure (mg/m3) (mg/m3) D (points 6 and 7) mar Unit of Measure (mg/m3) (mg/m3) B (points 8 and 9) mar Unit of Measure (mg/m3) (mg/m3)	Quarterly Every 6 months ked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous Continuous ked and shownas EPA ID 13 on The Pl Sample/Measurement Frequency Continuous Continuous ked and shownas EPA ID 14 on The Pl Sample/Measurement Frequency Continuous Continuous Continuous Continuous Continuous Continuous	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	August 2023 August 2023 August 2023 51-1 AND "VX837 Date Sampled	<1.24 0.00937 2351-2" 03/06/202 Lowest Sample Value 362 532 351-2" 03/06/202 Lowest Sample Value 435 646 351-2" 03/06/202 Lowest Sample Value 620 798	<1.24 0.00937 RO EPA REFERENCE Mean of Samples 591 842 DEPA REFERENCE Mean of Samples 668 1038 DEPA REFERENCE Mean of Samples 668 1038 DEPA REFERENCE Mean of Samples 668 1038	<1.24 0.00937 EDOC20/476695 Highest Sample Value 810 1321 EDOC20/476695 Highest Sample Value 866 1587 EDOC20/476695 Highest Sample Value 929 1468	99 Percentile Concentration Limit AND DOC20/476 99 Percentile Concentration Limit AND DOC20/476 99 Percentile Concentration Limit Limit	100 Percentile Concentration Limit 100 Percentile Concentration Limit 100 Percentile Concentration Limit 100 Percentile Concentration Limit	N/A N/A Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A N/A	Comments Comments Faulty instrument during October 2023 resulted in loss of data. Circuit Card and r
Oct-23 Oct-23 Oint 12 Month Oct-23 Oint 13 Month Oct-23 Oint 13 Month Oct-23 Oint 14	Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 5 combined exhaust - duct C and in Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 6 combined exhaust - duct A and Pollutant Nitrogen Oxides Sulfur dioxide Pollutant Nitrogen Oxides Sulfur dioxide	(mg/m3) (mg/m3) B (points 4 and 5) mar Unit of Measure (mg/m3) (mg/m3) D (points 6 and 7) mar Unit of Measure (mg/m3) (mg/m3) B (points 8 and 9) mar Unit of Measure (mg/m3) (mg/m3)	Quarterly Every 6 months ked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous Continuous ked and shownas EPA ID 13 on The Pl Sample/Measurement Frequency Continuous Continuous ked and shownas EPA ID 14 on The Pl Sample/Measurement Frequency Continuous Continuous Continuous Continuous Continuous Continuous	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	August 2023 August 2023 August 2023 51-1 AND "VX837 Date Sampled	<1.24 0.00937 2351-2" 03/06/202 Lowest Sample Value 362 532 351-2" 03/06/202 Lowest Sample Value 435 646 351-2" 03/06/202 Lowest Sample Value 620 798	<1.24 0.00937 RO EPA REFERENCE Mean of Samples 591 842 DEPA REFERENCE Mean of Samples 668 1038 DEPA REFERENCE Mean of Samples 668 1038 DEPA REFERENCE Mean of Samples 668 1038	<1.24 0.00937 EDOC20/476695 Highest Sample Value 810 1321 EDOC20/476695 Highest Sample Value 866 1587 EDOC20/476695 Highest Sample Value 929 1468	99 Percentile Concentration Limit AND DOC20/476 99 Percentile Concentration Limit AND DOC20/476 99 Percentile Concentration Limit Limit	100 Percentile Concentration Limit 100 Percentile Concentration Limit 100 Percentile Concentration Limit 100 Percentile Concentration Limit	N/A N/A Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A N/A	Comments Comments Faulty instrument during October 2023 resulted in loss of data. Circuit Card and n
Oct-23 Oct-23 Oint 12 Month Oct-23 Oint 13 Month Oct-23 Oint 13 Month Oct-23 Oct-23 Oct-23 Oct-23 Oct-23 Oct-23	Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 5 combined exhaust - duct C and in Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 6 combined exhaust - duct A and Pollutant Nitrogen Oxides Sulfur dioxide Pollutant Nitrogen Oxides Sulfur dioxide	(mg/m3) (mg/m3) B (points 4 and 5) mar Unit of Measure (mg/m3) (mg/m3) D (points 6 and 7) mar Unit of Measure (mg/m3) (mg/m3) B (points 8 and 9) mar Unit of Measure (mg/m3) (mg/m3)	Quarterly Every 6 months ked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous Continuous ked and shownas EPA ID 13 on The Pl Sample/Measurement Frequency Continuous Continuous ked and shownas EPA ID 14 on The Pl Sample/Measurement Frequency Continuous Continuous Continuous Continuous Continuous Continuous	lans ("VX8373" Samples Collected & Analysed 96.8% 96.8% Somples Collected & Analysed 96.8% 96.8% 1096.	August 2023 August 2023 August 2023 51-1 AND "VX837 Date Sampled	<1.24 0.00937 2351-2" 03/06/202 Lowest Sample Value 362 532 351-2" 03/06/202 Lowest Sample Value 435 646 351-2" 03/06/202 Lowest Sample Value 620 798	<1.24 0.00937 RO EPA REFERENCE Mean of Samples 591 842 DEPA REFERENCE Mean of Samples 668 1038 DEPA REFERENCE Mean of Samples 668 1038 DEPA REFERENCE Mean of Samples 668 1038	<1.24 0.00937 EDOC20/476695 Highest Sample Value 810 1321 EDOC20/476695 Highest Sample Value 866 1587 EDOC20/476695 Highest Sample Value 929 1468	99 Percentile Concentration Limit AND DOC20/476 99 Percentile Concentration Limit AND DOC20/476 99 Percentile Concentration Limit SS AND DOC20/4	100 Percentile Concentration Limit 695-1). 100 Percentile Concentration Limit 100 Percentile Concentration Limit	N/A N/A Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A N/A	Comments Comments Faulty instrument during October 2023 resulted in loss of data. Circuit Card and n
Oct-23 Oct-23 Oint 12 Month Oct-23 Oint 13 Month Oct-23 Oint 13 Month Oct-23 Oct-23 Oct-23 Oct-23 Oct-23 Oct-23	Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 5 combined exhaust - duct C and in Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 6 combined exhaust - duct A and Pollutant Nitrogen Oxides Sulfur dioxide Pollutant Nitrogen Oxides Sulfur dioxide	(mg/m3) (mg/m3) B (points 4 and 5) mar Unit of Measure (mg/m3) (mg/m3) D (points 6 and 7) mar Unit of Measure (mg/m3) (mg/m3) B (points 8 and 9) mar Unit of Measure (mg/m3) (mg/m3)	Quarterly Every 6 months ked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous Continuous ked and shownas EPA ID 13 on The Pl Sample/Measurement Frequency Continuous Continuous ked and shownas EPA ID 14 on The Pl Sample/Measurement Frequency Continuous Continuous Continuous Continuous Continuous Continuous	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	August 2023 August 2023 August 2023 51-1 AND "VX837 Date Sampled	<1.24 0.00937 351-2" 03/06/202 Lowest Sample Value 362 532 351-2" 03/06/202 Lowest Sample Value 435 646 351-2" 03/06/202 Lowest Sample Value 435 646 351-2" 03/06/202	<1.24 0.00937 DEPA REFERENCE Mean of Samples 591 842 DEPA REFERENCE Mean of Samples 668 1038 DEPA REFERENCE Mean of Samples 668 1038 DEPA REFERENCE Mean of Samples 1038 DEPA REFERENCE Mean of	<1.24 0.00937 E DOC20/476695 Highest Sample Value 810 1321 E DOC20/476695 Highest Sample Value 866 1587 E DOC20/476695 Highest Sample Value 929 1468 NCE DOC20/476695	99 Percentile Concentration Limit AND DOC20/476 99 Percentile Concentration Limit AND DOC20/476 99 Percentile Concentration Limit 95 AND DOC20/4 99 Percentile	100 Percentile Concentration Limit 100 Percentile Concentration Limit 100 Percentile Concentration Limit 100 Percentile Concentration Limit 100 Percentile Limit	Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A N/A N/A	Comments Comments Comments Faulty instrument during October 2023 resulted in loss of data. Circuit Card and m
Oct-23 Oct-23 Oct-23 Oint 12 Month Oct-23 Oint 13 Month Oct-23 Oct-23 Oct-23 Oct-23 Oct-23 Oct-23 Oct-23 Oct-23 Oct-23	Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and Pollutant Nitrogen Oxides Boiler number 5 combined exhaust - duct C and in Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 6 combined exhaust - duct A and Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 6 combined exhaust - duct A and Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 6 combined exhaust - duct A and	(mg/m3) (mg/m3) B (points 4 and 5) mar Unit of Measure (mg/m3) (mg/m3) D (points 6 and 7) mar Unit of Measure (mg/m3) (mg/m3) B (points 8 and 9) mar Unit of Measure (mg/m3) (mg/m3) D (points 8 and 9) mar	Quarterly Every 6 months ked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous Continuous ked and shownas EPA ID 13 on The Pl Sample/Measurement Frequency Continuous	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	August 2023 August 2023 August 2023 51-1 AND "VX837 Date Sampled Oct-23	<1.24 0.00937 7351-2" 03/06/202 Lowest Sample Value 362 532 351-2" 03/06/202 Lowest Sample Value 435 646 351-2" 03/06/202 Lowest Sample Value 620 798 37351-2" 03/06/2 Lowest Sample Value 620 Cowest Sample	<1.24 0.00937 Reference Mean of Samples 591 842 0 EPA REFERENCE Mean of Samples 668 1038 0 EPA REFERENCE Mean of Samples 688 911 020 EPA REFERENCE Mean of Samples	<1.24 0.00937 EDOC20/476695 Highest Sample Value 810 1321 EDOC20/476695 Highest Sample Value 866 1587 EDOC20/476695 Highest Sample Value 929 1468 NCE DOC20/476695 Highest Sample Value 929 1468	99 Percentile Concentration Limit AND DOC20/476 99 Percentile Concentration Limit AND DOC20/476 99 Percentile Concentration Limit 55 AND DOC20/4 99 Percentile Concentration Concentration Concentration Concentration	100 Percentile Concentration Limit 100 Percentile Concentration Limit	Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A N/A	Comments Comments Faulty instrument during October 2023 resulted in loss of data. Circuit Card and minstrument lens consequently replaced by CEMS service technician.

POINT 22	Discharge of cooling water from the cooling water	outlet canal to Wye	e Bay marked and shown as EPA ID 2	2 on The Plans	("VX837351-1 Al	ND "VX837351-2"	03/06/2020 EPA	REFERENCE DOC2	20/476695 AND D	OC20/476695-1).	
				Samples Collected &		Lowest Sample	Mean of	Highest Sample	98.5 Percentile Concentration			
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	Limit (yes/no)	Comments
Oct-23	Chlorine (free residual)	(mg/L)	Monthly during discharge	1	3/10/2023	0	0	0		0.2	No	
Oct-23	Copper	(mg/L)	Monthly during discharge	1	3/10/2023	0.002	0.002	0.002		0.005	No	
Oct-23	Iron	(mg/L)	Monthly during discharge	1	3/10/2023	0.15	0.15	0.15		0.3	No	
Oct-23	Oil and Grease	Visible	Continuous during discharge	100%	Oct-23	NIL	NIL	NIL				
Oct-23	Selenium	(mg/L)	Monthly during discharge	1	3/10/2023	0.002	0.002	0.002		0.005	No	
Oct-23	Temperature	(°C)	Continuous during discharge	100%	Oct-23	24.7	28.6	33.5	35	37.5	No	_

POINT 23	Discharge of supernatant water from the ash dam to the cooling water outlet canal to Myse Bay marked and shown as EPA ID 23 on The Plans ("VX837351.1 AND "VX837351.2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695.1)

POINT 23	Discharge of supernatant water from the ash dai	in to the cooling water	Outlet Callal to Wyee Bay Marked al	Samples	A ID 23 OII THE PI	9112 (AV02\221-T	AND VA03/33	1-2 03/06/2020 E		100 Percentile		1033-1].
				Collected &		Lowest Sample	Mean of	Highest Sample				
Month	Pollutant	11-14 -f \$4	C	Analysed	Data Camalad	Value		Value	Limit	Limit		C
	1 1 1 1		Sample/Measurement Frequency	Analysed	Date Sampled		Samples		Limit	Limit	(yes/no)	Comments
Oct-23	Aluminium	(mg/L)	Monthly during discharge	1	3/10/2023	0.05	0.05	0.05				
Oct-23	Ammonia	(mg/L)	Monthly during discharge	1	3/10/2023	0.061	0.061	0.061				
Oct-23	Arsenic (III)	(mg/L)	Monthly during discharge	1	3/10/2023	<0.001	<0.001	<0.001				
Oct-23	Arsenic (V)	(mg/L)	Monthly during discharge	1	3/10/2023	< 0.001	< 0.001	< 0.001				
Oct-23	Cadmium	(mg/L)	Monthly during discharge	1	3/10/2023	0.0002	0.0002	0.0002				
Oct-23	Chromium (trivalent)	(mg/L)	Monthly during discharge	1	3/10/2023	<0.005	< 0.005	< 0.005				
Oct-23	Chromium (VI) Compounds	(mg/L)	Monthly during discharge	1	3/10/2023	0.020	0.020	0.020				
Oct-23	Copper	(mg/L)	Monthly during discharge	1	3/10/2023	0.003	0.003	0.003				
Oct-23	Iron	(mg/L)	Monthly during discharge	1	3/10/2023	< 0.05	<0.05	< 0.05				
Oct-23	Lead	(mg/L)	Monthly during discharge	1	3/10/2023	0.003	0.003	0.003				
Oct-23	Manganese	(mg/L)	Monthly during discharge	1	3/10/2023	0.006	0.006	0.006				
Oct-23	Nickel	(mg/L)	Monthly during discharge	1	3/10/2023	<0.001	< 0.001	< 0.001				
Oct-23	Nitrate + nitrite (oxidised nitrogen)	(mg/L)	Monthly during discharge	1	3/10/2023	0.07	0.07	0.07				
Oct-23	Nitrogen	(mg/L)	Monthly during discharge	1	3/10/2023	0.50	0.50	0.50				
Oct-23	pH	pH	Monthly during discharge	1	3/10/2023	9.1	9.1	9.1		6.5 - 9.5	No	
Oct-23	Phosphorus	(mg/L)	Monthly during discharge	1	3/10/2023	0.30	0.30	0.30				
Oct-23	Reactive Phosphorus	(mg/L)	Monthly during discharge	1	3/10/2023	<0.005	< 0.005	< 0.005				
Oct-23	Selenium	(mg/L)	Monthly during discharge	1	3/10/2023	0.066	0.066	0.066				
Oct-23	Total Kjeldahl Nitrogen	(mg/L)	Monthly during discharge	1	3/10/2023	0.4	0.4	0.4				_
Oct-23	Total Suspended Solids	(mg/L)	Monthly during discharge	1	3/10/2023	20	20	20		50	No	·
Oct-23	Vanadium	(mg/L)	Monthly during discharge	1	3/10/2023	0.21	0.21	0.21				·
Oct-23	Zinc	(mg/L)	Monthly during discharge	1	3/10/2023	0.012	0.012	0.012				

POINT 24												
				Samples					Discharge	100 Percentile		
				Collected &		Lowest Sample	Mean of	Highest Sample		Concentration	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	(yes/no)	Limit	(yes/no)	Comments
Oct-23	Aluminium	(mg/L)	Monthly during discharge	1	3/10/2023				No			
Oct-23	Ammonia	(mg/L)	Monthly during discharge	1	3/10/2023				No			
Oct-23	Arsenic (III)	(mg/L)	Monthly during discharge	1	3/10/2023				No			
Oct-23	Arsenic (V)	(mg/L)	Monthly during discharge	1	3/10/2023				No			
Oct-23	Cadmium	(mg/L)	Monthly during discharge	1	3/10/2023				No			
Oct-23	Chromium (trivalent)	(mg/L)	Monthly during discharge	1	3/10/2023				No			
Oct-23	Chromium (VI) Compounds	(mg/L)	Monthly during discharge	1	3/10/2023				No			
Oct-23	Copper	(mg/L)	Monthly during discharge	1	3/10/2023				No			
Oct-23	Iron	(mg/L)	Monthly during discharge	1	3/10/2023				No			
Oct-23	Lead	(mg/L)	Monthly during discharge	1	3/10/2023				No			
Oct-23	Manganese	(mg/L)	Monthly during discharge	1	3/10/2023				No			No discharge from EPA Point 24 during October 2023
Oct-23	Nickel	(mg/L)	Monthly during discharge	1	3/10/2023				No			
Oct-23	Nitrate + nitrite (oxidised nitrogen)	(mg/L)	Monthly during discharge	1	3/10/2023				No			
Oct-23	Nitrogen	(mg/L)	Monthly during discharge	1	3/10/2023				No			
Oct-23	pH	pH	Monthly during discharge	1	3/10/2023				No	6.5 - 9.5	No	
Oct-23	Phosphorus	(mg/L)	Monthly during discharge	1	3/10/2023				No			
Oct-23	Reactive Phosphorus	(mg/L)	Monthly during discharge	1	3/10/2023				No			
Oct-23	Selenium	(mg/L)	Monthly during discharge	1	3/10/2023				No			
Oct-23	Total Kjeldahl Nitrogen	(mg/L)	Monthly during discharge	1	3/10/2023				No			_
Oct-23	Total Suspended Solids	(mg/L)	Monthly during discharge	1	3/10/2023				No	50	No	
Oct-23	Vanadium	(mg/L)	Monthly during discharge	1	3/10/2023				No			
Oct-23	Zinc	(mg/L)	Monthly during discharge	1	3/10/2023				No			·

POINT 25	Discharge of over boarded water from the ash dam to Mannering Bay marked and shown as EPA ID 25 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).											
				Samples					Discharge	100 Percentile		
				Collected &		Lowest Sample		Highest Sample	(yes/no)	Concentration		
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	(903/110)	Limit	(yes/no)	Comments
Oct-23	Aluminium	(mg/L)	Daily for any discharge >2 hrs						No			
Oct-23	Ammonia	(mg/L)	Daily for any discharge >2 hrs						No			
Oct-23	Arsenic (III)	(mg/L)	Daily for any discharge >2 hrs						No			
Oct-23	Arsenic (V)	(mg/L)	Daily for any discharge >2 hrs						No			
Oct-23	Cadmium	(mg/L)	Daily for any discharge >2 hrs						No			
Oct-23	Chromium (trivalent)	(mg/L)	Daily for any discharge >2 hrs						No			
Oct-23	Chromium (VI) Compounds	(mg/L)	Daily for any discharge >2 hrs						No			
Oct-23	Copper	(mg/L)	Daily for any discharge >2 hrs						No			
Oct-23	Iron	(mg/L)	Daily for any discharge >2 hrs						No			
Oct-23	Lead	(mg/L)	Daily for any discharge >2 hrs						No			
Oct-23	Manganese	(mg/L)	Daily for any discharge >2 hrs						No			No discharge from EPA Point 25 during October 2023
Oct-23	Nickel	(mg/L)	Daily for any discharge >2 hrs						No			
Oct-23	Nitrate + nitrite (oxidised nitrogen)	(mg/L)	Daily for any discharge >2 hrs						No			
Oct-23	Nitrogen	(mg/L)	Daily for any discharge >2 hrs						No			
Oct-23	pH	pH	Daily for any discharge >2 hrs						No	6.5 - 9.5	No	
Oct-23	Phosphorus	(mg/L)	Daily for any discharge >2 hrs						No			
Oct-23	Reactive Phosphorus	(mg/L)	Daily for any discharge >2 hrs						No			
Oct-23	Selenium	(mg/L)	Daily for any discharge >2 hrs						No			
Oct-23	Total Kjeldahl Nitrogen	(mg/L)	Daily for any discharge >2 hrs						No			
Oct-23	Total Suspended Solids	(mg/L)	Daily for any discharge >2 hrs						No	50	No	
Oct-23	Vanadium	(mg/L)	Daily for any discharge >2 hrs						No			
Oct-23	Zinc	(mg/L)	Daily for any discharge >2 hrs						No			

POINT 30	Groundwater quality monitoring bore marked and shown as EPA ID 30 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).											
				Samples					99 Percentile	100 Percentile		
				Collected &		Lowest Sample	Mean of	Highest Sample	Concentration	Concentration	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Oct-23	Aluminium	(mg/L)	Quarterly	1	3/10/2023	0.04	0.04	0.04				
Oct-23	Ammonia	(mg/L)	Quarterly	1	3/10/2023	3.9	3.9	3.9				
Oct-23	Arsenic (III)	(mg/L)	Quarterly	1	3/10/2023	0.002	0.002	0.002				
Oct-23	Arsenic (V)	(mg/L)	Quarterly	1	3/10/2023	0.005	0.005	0.005				
Oct-23	Cadmium	(mg/L)	Quarterly	1	3/10/2023	< 0.0001	< 0.0001	< 0.0001				
Oct-23	Chromium (trivalent)	(mg/L)	Quarterly	1	3/10/2023	<0.005	< 0.005	< 0.005				
Oct-23	Chromium (VI) Compounds	(mg/L)	Quarterly	1	3/10/2023	<0.005	< 0.005	< 0.005				
Oct-23	Copper	(mg/L)	Quarterly	1	3/10/2023	0.085	0.085	0.085				
Oct-23	Electrical Conductivity	(us/cm)	Quarterly	1	3/10/2023	380	380	380				
Oct-23	Iron	(mg/L)	Quarterly	1	3/10/2023	69.0	69.0	69.0				Next sample scheduled for January 2024
Oct-23	Lead	(mg/L)	Quarterly	1	3/10/2023	0.003	0.003	0.003				
Oct-23	Magnesium	(mg/L)	Quarterly	1	3/10/2023	830	830	830				
Oct-23	Manganese	(mg/L)	Quarterly	1	3/10/2023	4.6	4.6	4.6				
Oct-23	Nickel	(mg/L)	Quarterly	1	3/10/2023	0.081	0.081	0.081				
Oct-23	pH	pН	Quarterly	1	3/10/2023	5.45	5.45	5.45				
Oct-23	Potassium	(mg/L)	Quarterly	1	3/10/2023	100	100	100				
Oct-23	Selenium	(mg/L)	Quarterly	1	3/10/2023	< 0.001	< 0.001	< 0.001				
Oct-23	Sodium	(mg/L)	Quarterly	1	3/10/2023	6000	6000	6000				
Oct-23	Standing Water Level	(m)	Quarterly	1	3/10/2023	3.98	3.98	3.98				
Oct-23	Vanadium	(mg/L)	Quarterly	1	3/10/2023	< 0.001	< 0.001	< 0.001				_
Oct-23	Zinc	(mg/L)	Quarterly	1	3/10/2023	0.075	0.075	0.075				

POINT 31	Groundwater quality monitoring bore marked and	d shown as EPA ID 31	on The Plans ("VX837351-1 AND "V)	(837351-2" 03	3/06/2020 EPA RE	FERENCE DOC20/4	76695 AND DOC	20/476695-1).				
				Samples					99 Percentile	100 Percentile		
				Collected &		Lowest Sample	Mean of	Highest Sample	Concentration	Concentration	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Oct-23	Aluminium	(mg/L)	Quarterly	1	3/10/2023	1.20	1.20	1.20				
Oct-23	Ammonia	(mg/L)	Quarterly	1	3/10/2023	2.10	2.10	2.10				
Oct-23	Arsenic (III)	(mg/L)	Quarterly	1	3/10/2023	0.011	0.011	0.011				
Oct-23	Arsenic (V)	(mg/L)	Quarterly	1	3/10/2023	0.002	0.002	0.002				
Oct-23	Cadmium	(mg/L)	Quarterly	1	3/10/2023	0.00010	0.00010	0.00010				
Oct-23	Chromium (trivalent)	(mg/L)	Quarterly	1	3/10/2023	<0.005	< 0.005	< 0.005				
Oct-23	Chromium (VI) Compounds	(mg/L)	Quarterly	1	3/10/2023	<0.005	< 0.005	<0.005				
Oct-23	Copper	(mg/L)	Quarterly	1	3/10/2023	0.088	0.088	0.088				
Oct-23	Electrical Conductivity	(us/cm)	Quarterly	1	3/10/2023	425	425	425				
Oct-23	Iron	(mg/L)	Quarterly	1	3/10/2023	280	280	280				Next sample scheduled for January 2024
Oct-23	Lead	(mg/L)	Quarterly	1	3/10/2023	0.008	0.008	0.008				
Oct-23	Magnesium	(mg/L)	Quarterly	1	3/10/2023	950	950	950				
Oct-23	Manganese	(mg/L)	Quarterly	1	3/10/2023	4.2	4.2	4.2				
Oct-23	Nickel	(mg/L)	Quarterly	1	3/10/2023	0.190	0.190	0.190				
Oct-23	pH	pH	Quarterly	1	3/10/2023	21.60	21.60	21.60				
Oct-23	Potassium	(mg/L)	Quarterly	1	3/10/2023	46.0	46.0	46.0				
Oct-23	Selenium	(mg/L)	Quarterly	1	3/10/2023	0.001	0.001	0.001				
Oct-23	Sodium	(mg/L)	Quarterly	1	3/10/2023	5300	5300	5300				
Oct-23	Standing Water Level	(m)	Quarterly	1	3/10/2023	1.83	1.83	1.83				
Oct-23	Vanadium	(mg/L)	Quarterly	1	3/10/2023	0.003	0.003	0.003				
Oct-23	Zinc	(mg/L)	Quarterly	1	3/10/2023	0.22	0.22	0.22				

POINT 32	Groundwater quality monitoring bore marked and shown as EPA ID 32 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).												
				Samples Collected &		Lowest Sample	Mean of	Highest Sample	Concentration				
Month	Pollutant		Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments	
Oct-23	Aluminium	(mg/L)	Quarterly	1	3/10/2023	7.90	7.90	7.90					
Oct-23	Ammonia	(mg/L)	Quarterly	1	3/10/2023	0.49	0.49	0.49					
Oct-23	Arsenic (III)	(mg/L)	Quarterly	1	3/10/2023	< 0.001	< 0.001	< 0.001					
Oct-23	Arsenic (V)	(mg/L)	Quarterly	1	3/10/2023	< 0.001	< 0.001	< 0.001					
Oct-23	Cadmium	(mg/L)	Quarterly	1	3/10/2023	< 0.0001	<0.0001	< 0.0001					
Oct-23	Chromium (trivalent)	(mg/L)	Quarterly	1	3/10/2023	<0.005	<0.005	<0.005					
Oct-23	Chromium (VI) Compounds	(mg/L)	Quarterly	1	3/10/2023	<0.005	<0.005	<0.005					
Oct-23	Copper	(mg/L)	Quarterly	1	3/10/2023	0.041	0.041	0.041					
Oct-23	Electrical Conductivity	(us/cm)	Quarterly	1	3/10/2023	8234	8234	8234					
Oct-23	Iron	(mg/L)	Quarterly	1	3/10/2023	34	34	34				Next sample scheduled for January 2024	
Oct-23	Lead	(mg/L)	Quarterly	1	3/10/2023	0.009	0.009	0.009					
Oct-23	Magnesium	(mg/L)	Quarterly	1	3/10/2023	71	71	71					
Oct-23	Manganese	(mg/L)	Quarterly	1	3/10/2023	1.500	1.500	1.500					
Oct-23	Nickel	(mg/L)	Quarterly	1	3/10/2023	0.053	0.053	0.053					
Oct-23	pH	pН	Quarterly	1	3/10/2023	4.90	4.90	4.90					
Oct-23	Potassium	(mg/L)	Quarterly	1	3/10/2023	160.0	160.0	160.0					
Oct-23	Selenium	(mg/L)	Quarterly	1	3/10/2023	< 0.001	<0.001	< 0.001					
Oct-23	Sodium	(mg/L)	Quarterly	1	3/10/2023	1200	1200	1200				_	
Oct-23	Standing Water Level	(m)	Quarterly	1	3/10/2023	4.08	4.08	4.08				_	
Oct-23	Vanadium	(mg/L)	Quarterly	1	3/10/2023	< 0.001	< 0.001	< 0.001					
Oct-23	Zinc	(mg/L)	Quarterly	1	3/10/2023	0.230	0.230	0.230					

POINT 33	Groundwater quality monitoring bore marked and shown as EPA ID 33 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).												
				Samples					99 Percentile	100 Percentile			
				Collected &		Lowest Sample	Mean of	Highest Sample	Concentration	Concentration	Exceedance		
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments	
Oct-23	Aluminium	(mg/L)	Quarterly	1	3/10/2023	1.1	1.1	1.1					
Oct-23	Ammonia	(mg/L)	Quarterly	1	3/10/2023	0.11	0.11	0.11					
Oct-23	Arsenic (III)	(mg/L)	Quarterly	1	3/10/2023	< 0.001	< 0.001	<0.001					
Oct-23	Arsenic (V)	(mg/L)	Quarterly	1	3/10/2023	< 0.001	< 0.001	< 0.001					
Oct-23	Cadmium	(mg/L)	Quarterly	1	3/10/2023	< 0.0001	< 0.0001	< 0.0001					
Oct-23	Chromium (trivalent)	(mg/L)	Quarterly	1	3/10/2023	< 0.005	< 0.005	< 0.005					
Oct-23	Chromium (VI) Compounds	(mg/L)	Quarterly	1	3/10/2023	< 0.005	< 0.005	< 0.005					
Oct-23	Copper	(mg/L)	Quarterly	1	3/10/2023	0.012	0.012	0.012					
Oct-23	Electrical Conductivity	(us/cm)	Quarterly	1	3/10/2023	3702	3702	3702					
Oct-23	Iron	(mg/L)	Quarterly	1	3/10/2023	49	49	49					
Oct-23	Lead	(mg/L)	Quarterly	1	3/10/2023	0.002	0.002	0.002				Next sample scheduled for January 2024	
Oct-23	Magnesium	(mg/L)	Quarterly	1	3/10/2023	1200	1200	1200					
Oct-23	Manganese	(mg/L)	Quarterly	1	3/10/2023	0.17	0.17	0.17					
Oct-23	Nickel	(mg/L)	Quarterly	1	3/10/2023	0.001	0.001	0.001					
Oct-23	pH	pН	Quarterly	1	3/10/2023	6.69	6.69	6.69					
Oct-23	Potassium	(mg/L)	Quarterly	1	3/10/2023	360	360	360					
Oct-23	Selenium	(mg/L)	Quarterly	1	3/10/2023	0.001	0.001	0.001				·	
Oct-23	Sodium	(mg/L)	Quarterly	1	3/10/2023	9300	9300	9300					
Oct-23	Standing Water Level	(m)	Quarterly	1	3/10/2023	0.65	0.65	0.65					
Oct-23	Vanadium	(mg/L)	Quarterly	1	3/10/2023	0.006	0.006	0.006					
Oct-23	Zinc	(mg/L)	Quarterly	1	3/10/2023	0.032	0.032	0.032				_	

POINT 34	Groundwater quality monitoring bore marked and shown as EPA ID 33 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).												
				Samples					99 Percentile	100 Percentile			
				Collected &		Lowest Sample	Mean of	Highest Sample	Concentration	Concentration	Exceedance		
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments	
Oct-23	Aluminium	(mg/L)	Quarterly	1	3/10/2023	1.50	1.50	1.50					
Oct-23	Ammonia	(mg/L)	Quarterly	1	3/10/2023	0.063	0.063	0.063					
Oct-23	Arsenic (III)	(mg/L)	Quarterly	1	3/10/2023	< 0.001	< 0.001	< 0.001					
Oct-23	Arsenic (V)	(mg/L)	Quarterly	1	3/10/2023	< 0.001	< 0.001	< 0.001					
Oct-23	Cadmium	(mg/L)	Quarterly	1	3/10/2023	<0.0001	< 0.0001	< 0.0001					
Oct-23	Chromium (trivalent)	(mg/L)	Quarterly	1	3/10/2023	< 0.005	< 0.005	< 0.005					
Oct-23	Chromium (VI) Compounds	(mg/L)	Quarterly	1	3/10/2023	< 0.005	< 0.005	< 0.005					
Oct-23	Copper	(mg/L)	Quarterly	1	3/10/2023	0.003	0.003	0.003					
Oct-23	Electrical Conductivity	(us/cm)	Quarterly	1	3/10/2023	560	560	560					
Oct-23	Iron	(mg/L)	Quarterly	1	3/10/2023	4.3	4.3	4.3					
Oct-23	Lead	(mg/L)	Quarterly	1	3/10/2023	0.002	0.002	0.002				Next sample scheduled for January 2024	
Oct-23	Magnesium	(mg/L)	Quarterly	1	3/10/2023	8.6	8.6	8.6					
Oct-23	Manganese	(mg/L)	Quarterly	1	3/10/2023	0.082	0.082	0.082					
Oct-23	Nickel	(mg/L)	Quarterly	1	3/10/2023	0.005	0.005	0.005					
Oct-23	pH	pH	Quarterly	1	3/10/2023	5.16	5.16	5.16					
Oct-23	Potassium	(mg/L)	Quarterly	1	3/10/2023	2	2	2					
Oct-23	Selenium	(mg/L)	Quarterly	1	3/10/2023	< 0.001	< 0.001	< 0.001					
Oct-23	Sodium	(mg/L)	Quarterly	1	3/10/2023	93	93	93					
Oct-23	Standing Water Level	(m)	Quarterly	1	3/10/2023	0.95	0.95	0.95					
Oct-23	Vanadium	(mg/L)	Quarterly	1	3/10/2023	0.009	0.009	0.009					
Oct-23	Zinc	(mg/L)	Quarterly	1	3/10/2023	0.014	0.014	0.014					

GENERAL COMMENTS