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	December 2022	
ADDRESS	VALES ROAD, MANNERING PARK NSW	



Combined air emissions from boiler 5 via Points 4 to 7 to Point 1 marked and shown as EPA ID 2 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1). 100 Percentile Exceed Collected & **Date Sampled Lowest Sample** Mean of **Highest Sample** Concentration Concentration 100% Limit Month Pollutant Unit of Measure Sample/Measurement Frequency Analysed Value Value (yes/no) Comments Samples Limit Cadmium (mg/m3) 0.2 Dec-22 Chlorine (mg/m3) Every 6 months 20 Dec-22 Fluorine (mg/m3) Every 6 months 30 Every 6 months 50 Dec-22 Hydrogen chloride (mg/m3) 0.05 Dec-22 (mg/m3) Every 6 months Mercury 91.1% Dec-22 339 675 877 850 980 No Dec-22 Nitrogen Oxides (mg/m3) Continuous Dec-22 Solid Particles (mg/m3) Quarterly 50 Dec-22 Sulfur dioxide (mg/m3) Continuous 91.2% Dec-22 457 869 1132 1400 1700 No Sulfuric acid mist and sulfur trioxide (as SO3) 100 Dec-22 (mg/m3) Every 6 months Type 1 and Type 2 substances in aggregate (mg/m3) 0.75 (mg/m3) Dec-22 VOC's as n-propane equivalent 10 Every 6 months

POINT 3	Combined air emissions from boiler 6 via Points 8	to 11 to Point 1 mar	ked and shown as EPA ID 3 on The Pla	ans ("VX83735	1-1 AND "VX8373	51-2" 03/06/2020	EPA REFERENC	E DOC20/476695 A	AND DOC20/4766	95-1).		
Month	Pollutant		Sample/Measurement Frequency	Samples Collected &	Date Sampled	Lowest Sample Value	Mean of Samples	Highest Sample Value	99 Percentile	100 Percentile		Comments
Dec-22	Cadmium	(mg/m3)	Every 6 months							0.2		
Dec-22	Chlorine	(mg/m3)	Every 6 months							20		
Dec-22	Fluorine	(mg/m3)	Every 6 months							30		
Dec-22	Hydrogen chloride	(mg/m3)	Every 6 months							50		
Dec-22	Mercury	(mg/m3)	Every 6 months							0.05		
Dec-22	Nitrogen Oxides	(mg/m3)	Continuous	92.2%	Dec-22	236	624	880	850	980	No	
Dec-22	Solid Particles	(mg/m3)	Quarterly							50		
Dec-22	Sulfur dioxide	(mg/m3)	Continuous	92.2%	Dec-22	459	839	1140	1400	1700	No	
Dec-22	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months							100		
Dec-22	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months							0.75		_
Dec-22	VOC's as n-propane equivalent	(mg/m3)	Every 6 months							10		-

POINT 4	Boiler number 5 exhaust - duct A marked and sho	wn as EPA ID 4 on Th	e Plans ("VX837351-1 AND "VX8373!	51-2" 03/06/2	020 EPA REFEREN	CE DOC20/476695	AND DOC20/47	6695-1).		
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Samples Collected & Analysed	Date Sampled	Lowest Sample Value	Mean of Samples	Highest Sample Value	100 Percentile Concentration Limit	Comments
Dec-22	Cadmium	(mg/m3)	Every 6 months							
Dec-22	Carbon dioxide	(%)	Every 6 months							
Dec-22	Chlorine	(mg/m3)	Every 6 months							
Dec-22	Fluorine	(mg/m3)	Every 6 months							
Dec-22	Hydrogen chloride	(mg/m3)	Every 6 months							
Dec-22	Mercury	(mg/m3)	Every 6 months							
Dec-22	Solid Particles	(mg/m3)	Quarterly							
Dec-22	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months							
Dec-22	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months							
Dec-22	VOC's as n-propane equivalent	(mg/m3)	Every 6 months							

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
Dec-22	Cadmium	(mg/m3)	Every 6 months									
Dec-22	Mercury	(mg/m3)	Every 6 months									
Dec-22	Solid Particles	(mg/m3)	Quarterly									
Dec-22	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months									

POINT 6	Boiler number 5 exhaust - duct C marked and sho	wn as EPA ID 6 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
Dec-22	Cadmium	(mg/m3)	Every 6 months									
Dec-22	Carbon dioxide	(%)	Every 6 months									
Dec-22	Chlorine	(mg/m3)	Every 6 months									
Dec-22	Fluorine	(mg/m3)	Every 6 months									
Dec-22	Hydrogen chloride	(mg/m3)	Every 6 months									
Dec-22	Mercury	(mg/m3)	Every 6 months									
Dec-22	Solid Particles	(mg/m3)	Quarterly									
Dec-22	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months									
Dec-22	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months									
Dec-22	VOC's as n-propane equivalent	(mg/m3)	Every 6 months									-

PO	DINT 7	Boiler number 5 exhaust - duct D marked and sho	wn 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	
M	lonth	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
De	ec-22	Cadmium	(mg/m3)	Every 6 months									
De	ec-22	Mercury	(mg/m3)	Every 6 months									
De	ec-22	Solid Particles	(mg/m3)	Quarterly									
De	ec-22	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months									

POINT 8	Boiler number 6 exhaust - duct A marked and sho	wn 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
Dec-22	Cadmium	(mg/m3)	Every 6 months									
Dec-22	Carbon dioxide	(%)	Every 6 months									
Dec-22	Chlorine	(mg/m3)	Every 6 months									
Dec-22	Fluorine	(mg/m3)	Every 6 months									
Dec-22	Hydrogen chloride	(mg/m3)	Every 6 months									
Dec-22	Mercury	(mg/m3)	Every 6 months									
Dec-22	Solid Particles	(mg/m3)	Quarterly									
Dec-22	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months									
Dec-22	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months									
Dec-22	VOC's as n-propane equivalent	(mg/m3)	Every 6 months									

POINT 9	Boiler number 6 exhaust - duct B marked and sh		ic ridiis (Thospost 171115 Thospos			CE DOCE0/470033	AND DOCZU/47	0093-1).				
				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
Dec-22	Cadmium	(mg/m3)	Every 6 months									
Dec-22	Mercury	(mg/m3)	Every 6 months									
Dec-22	Solid Particles	(mg/m3)	Quarterly									
Dec-22	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months									
OINT 10	Boiler number 6 exhaust - duct C marked and she	own as EPA ID 10 on 1	The Plans ("VX837351-1 AND "VX8373	51-2" 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
Dec-22	Cadmium	(mg/m3)	Every 6 months									
Dec-22	Carbon dioxide	(%)	Every 6 months									
Dec-22	Chlorine	(mg/m3)	Every 6 months									
Dec-22	Fluorine	(mg/m3)	Every 6 months									
Dec-22	Hydrogen chloride	(mg/m3)	Every 6 months									
Dec-22	Mercury	(mg/m3)	Every 6 months									
Dec-22	Solid Particles	(mg/m3)	Quarterly									
Dec-22	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months									
Dec-22	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months									
Dec-22	VOC's as n-propane equivalent	(mg/m3)	Every 6 months		İ			İ				
	k the state of the			•	•			•				
OINT 11	Boiler number 6 exhaust - duct D marked and sh	own as EPA ID 11 on 1	The 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
Dec-22	Cadmium	(mg/m3)	Every 6 months	raidiyocu	Date dampied	value	Jumpies	value	2	2	(900)0)	comments
Dec-22	Mercury	(mg/m3)	Every 6 months									
	,											
Dec-22 Dec-22 Dec-22	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	lans ("VX8373	51-1 AND "VX837	351-2" 03/06/202	O EPA REFERENC	CE DOC20/476695	AND DOC20/476	695-1).		
Dec-22 Dec-22	Solid Particles Type 1 and Type 2 substances in aggregate	(mg/m3) (mg/m3)	Quarterly Every 6 months	Samples	51-1 AND "VX837				99 Percentile	100 Percentile		
Dec-22 Dec-22 OINT 12	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) mai	Quarterly Every 6 months rked and shown as EPA ID 12 on The P	Samples Collected &		Lowest Sample	Mean of	Highest Sample	99 Percentile Concentration	100 Percentile Concentration	Exceedance	
Dec-22 Dec-22 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) mai	Quarterly Every 6 months rked and shown as EPA ID 12 on The P Sample/Measurement Frequency	Samples Collected & Analysed	Date Sampled	Lowest Sample Value	Mean of Samples	Highest Sample Value	99 Percentile	100 Percentile	(yes/no)	Comments
Dec-22 DINT 12 Month Dec-22	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) mai	Quarterly Every 6 months rked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous	Samples Collected & Analysed 91.1%	Date Sampled Dec-22	Lowest Sample Value 317	Mean of Samples 648	Highest Sample Value 846	99 Percentile Concentration	100 Percentile Concentration	(yes/no) N/A	Comments
Dec-22 DINT 12 Month Dec-22	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) mai	Quarterly Every 6 months rked and shown as EPA ID 12 on The P Sample/Measurement Frequency	Samples Collected & Analysed	Date Sampled	Lowest Sample Value	Mean of Samples	Highest Sample Value	99 Percentile Concentration	100 Percentile Concentration	(yes/no)	Comments
Dec-22 Dec-22 DINT 12 Month Dec-22 Dec-22	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) mai Unit of Measure (mg/m3) (mg/m3)	Quarterly Every 6 months rked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous Continuous	Samples Collected & Analysed 91.1% 91.1%	Date Sampled Dec-22 Dec-22	Lowest Sample Value 317 421	Mean of Samples 648 806	Highest Sample Value 846 1069	99 Percentile Concentration Limit	100 Percentile Concentration Limit	(yes/no) N/A	Comments
Dec-22 Dec-22 DINT 12 Month Dec-22 Dec-22	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) mai Unit of Measure (mg/m3) (mg/m3)	Quarterly Every 6 months rked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous Continuous	Samples Collected & Analysed 91.1% 91.1%	Date Sampled Dec-22 Dec-22	Lowest Sample Value 317 421	Mean of Samples 648 806	Highest Sample Value 846 1069	99 Percentile Concentration Limit	100 Percentile Concentration Limit	(yes/no) N/A	Comments
Dec-22 Dec-22 DINT 12 Month Dec-22 Dec-22	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) mai Unit of Measure (mg/m3) (mg/m3)	Quarterly Every 6 months rked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous Continuous	Samples Collected & Analysed 91.1% 91.1%	Date Sampled Dec-22 Dec-22	Lowest Sample Value 317 421	Mean of Samples 648 806	Highest Sample Value 846 1069	99 Percentile Concentration Limit	100 Percentile Concentration Limit	(yes/no) N/A	Comments
Dec-22 Dec-22 DINT 12 Month Dec-22 Dec-22	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) mai Unit of Measure (mg/m3) (mg/m3)	Quarterly Every 6 months rked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous Continuous	Samples Collected & Analysed 91.1% 91.1% ans ("VX8373:	Date Sampled Dec-22 Dec-22	Lowest Sample Value 317 421 351-2" 03/06/202	Mean of Samples 648 806	Highest Sample Value 846 1069 E DOC20/476695	99 Percentile Concentration Limit AND DOC20/476 99 Percentile	100 Percentile Concentration Limit 695-1).	(yes/no) N/A N/A	Comments
Dec-22 DINT 12 Month Dec-22 Dec-22 DINT 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) mai Unit of Measure (mg/m3) (mg/m3) D (points 6 and 7) mai	Quarterly Every 6 months rked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous Continuous rked and shownas EPA ID 13 on The Pl	Samples Collected & Analysed 91.1% 91.1% ans ("VX8373: Samples Collected &	Date Sampled Dec-22 Dec-22 51-1 AND "VX837"	Lowest Sample Value 317 421 351-2" 03/06/202 Lowest Sample	Mean of Samples 648 806 D EPA REFERENCE	Highest Sample Value 846 1069 E DOC20/476695 /	99 Percentile Concentration Limit AND DOC20/476 99 Percentile Concentration	100 Percentile Concentration Limit 695-1). 100 Percentile Concentration	(yes/no) N/A N/A Exceedance	
Dec-22 Dec-22 Dint 12 Month Dec-22 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 in Pollutant	(mg/m3) (mg/m3) B (points 4 and 5) mai Unit of Measure (mg/m3) (mg/m3) D (points 6 and 7) mai Unit of Measure	Quarterly Every 6 months rked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous Continuous Continuous Continuous Freed and shownas EPA ID 13 on The Pl Sample/Measurement Frequency	Samples Collected & Analysed 91.1% 91.1% Samples Collected & Analysed	Date Sampled Dec-22 Dec-22 51-1 AND "VX837	Lowest Sample Value 317 421 351-2" 03/06/202 Lowest Sample Value	Mean of Samples 648 806 DEPA REFERENC Mean of Samples	Highest Sample Value 846 1069 E DOC20/476695 / Highest Sample Value	99 Percentile Concentration Limit AND DOC20/476 99 Percentile	100 Percentile Concentration Limit 695-1).	(yes/no) N/A N/A N/A Exceedance (yes/no)	Comments
DINT 12 Month Dec-22 DINT 13 Month Dec-22 DINT 13	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	(mg/m3) (mg/m3) B (points 4 and 5) man Unit of Measure (mg/m3) D (points 6 and 7) man Unit of Measure (mg/m3)	Quarterly Every 6 months rked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous Continuous rked and shownas EPA ID 13 on The Pl Sample/Measurement Frequency Continuous	Samples Collected & Analysed 91.1% 91.1% sans ("VX8373: Samples Collected & Analysed 91.1%	Date Sampled Dec-22 Dec-22 51-1 AND "VX837 Date Sampled Dec-22	Lowest Sample Value 317 421 351-2" 03/06/202 Lowest Sample Value 334	Mean of Samples 648 806 DEPA REFERENCE Mean of Samples 701	Highest Sample Value 846 1069 E DOC20/476695 / Highest Sample Value 960	99 Percentile Concentration Limit AND DOC20/476 99 Percentile Concentration	100 Percentile Concentration Limit 695-1). 100 Percentile Concentration	(yes/no) N/A N/A Exceedance (yes/no) N/A	
DINT 12 Month Dec-22 DINT 13 Month Dec-22 DINT 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 in Pollutant	(mg/m3) (mg/m3) B (points 4 and 5) mai Unit of Measure (mg/m3) (mg/m3) D (points 6 and 7) mai Unit of Measure	Quarterly Every 6 months rked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous Continuous Continuous Continuous Freed and shownas EPA ID 13 on The Pl Sample/Measurement Frequency	Samples Collected & Analysed 91.1% 91.1% Samples Collected & Analysed	Date Sampled Dec-22 Dec-22 51-1 AND "VX837	Lowest Sample Value 317 421 351-2" 03/06/202 Lowest Sample Value	Mean of Samples 648 806 DEPA REFERENC Mean of Samples	Highest Sample Value 846 1069 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	(yes/no) N/A N/A N/A Exceedance (yes/no)	
Dec-22 Dec-22 DINT 12 Month Dec-22 DEC-22 DINT 13 Month Dec-22 DEC-22 DEC-22 DEC-22 DEC-22 DEC-22	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 combined exhaust - duct C and i	(mg/m3) (mg/m3) B (points 4 and 5) mai Unit of Measure (mg/m3) (mg/m3) D (points 6 and 7) mai Unit of Measure (mg/m3) (mg/m3)	Quarterly Every 6 months rked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous Continuous rked and shownas EPA ID 13 on The PI Sample/Measurement Frequency Continuous Continuous Continuous	Samples Collected & Analysed 91.1% 91.19 ans ("VX8373: Samples Collected & Analysed 91.1% 91.3%	Date Sampled Dec-22 Dec-22 51-1 AND "VX837 Date Sampled Dec-22 Dec-22	Lowest Sample Value 317 421 351-2" 03/06/202 Lowest Sample Value 334 489	Mean of Samples 648 806 0 EPA REFERENC Mean of Samples 701 932	Highest Sample Value 846 1069 E DOC20/476695 / Highest Sample Value 960 1195	99 Percentile Concentration Limit AND DOC20/476 99 Percentile Concentration Limit	100 Percentile Concentration Limit 695-1). 100 Percentile Concentration Limit	(yes/no) N/A N/A Exceedance (yes/no) N/A	
Dec-22 Dec-22 DINT 12 Month Dec-22 DEC-22 DINT 13 Month Dec-22 DEC-22 DEC-22 DEC-22 DEC-22 DEC-22	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	(mg/m3) (mg/m3) B (points 4 and 5) mai Unit of Measure (mg/m3) (mg/m3) D (points 6 and 7) mai Unit of Measure (mg/m3) (mg/m3)	Quarterly Every 6 months rked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous Continuous rked and shownas EPA ID 13 on The PI Sample/Measurement Frequency Continuous Continuous Continuous	Samples Collected & Analysed 91.1% 91.19 ans ("VX8373: Samples Collected & Analysed 91.1% 91.3%	Date Sampled Dec-22 Dec-22 51-1 AND "VX837 Date Sampled Dec-22 Dec-22	Lowest Sample Value 317 421 351-2" 03/06/202 Lowest Sample Value 334 489	Mean of Samples 648 806 0 EPA REFERENC Mean of Samples 701 932	Highest Sample Value 846 1069 E DOC20/476695 / Highest Sample Value 960 1195	99 Percentile Concentration Limit AND DOC20/476 99 Percentile Concentration Limit	100 Percentile Concentration Limit 695-1). 100 Percentile Concentration Limit	(yes/no) N/A N/A Exceedance (yes/no) N/A	
Dec-22 Dec-22	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 combined exhaust - duct C and i	(mg/m3) (mg/m3) B (points 4 and 5) mai Unit of Measure (mg/m3) (mg/m3) D (points 6 and 7) mai Unit of Measure (mg/m3) (mg/m3)	Quarterly Every 6 months rked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous Continuous rked and shownas EPA ID 13 on The PI Sample/Measurement Frequency Continuous Continuous Continuous	Samples Collected & Analysed 91.1% 91.1% Samples Collected & Analysed 11.1% 91.3% ans ("VX8373:	Date Sampled Dec-22 Dec-22 51-1 AND "VX837 Date Sampled Dec-22 Dec-22	Lowest Sample Value 317 421 351-2" 03/06/202 Lowest Sample Value 334 489	Mean of Samples 648 806 0 EPA REFERENC Mean of Samples 701 932	Highest Sample Value 846 1069 E DOC20/476695 / Highest Sample Value 960 1195	99 Percentile Concentration Limit AND DOC20/476 99 Percentile Concentration Limit AND DOC20/476	100 Percentile Concentration Limit 100 Percentile Concentration Limit 695-1).	(yes/no) N/A N/A Exceedance (yes/no) N/A	
Dec-22 Dec-22 DINT 12 Month Dec-22 DEC-22 DINT 13 Month Dec-22 DEC-22 DEC-22 DEC-22 DEC-22 DEC-22	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 combined exhaust - duct C and i	(mg/m3) (mg/m3) B (points 4 and 5) mai Unit of Measure (mg/m3) (mg/m3) D (points 6 and 7) mai Unit of Measure (mg/m3) (mg/m3)	Quarterly Every 6 months rked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous Continuous rked and shownas EPA ID 13 on The PI Sample/Measurement Frequency Continuous Continuous Continuous	Samples Collected & Analysed 91.1% 91.1% Samples Collected & Analysed 91.1% 91.3% Samples Samples	Date Sampled Dec-22 Dec-22 51-1 AND "VX837 Date Sampled Dec-22 Dec-22	Lowest Sample Value 317 421 351-2" 03/06/202 Lowest Sample Value 334 489 351-2" 03/06/202	Mean of Samples 648 806 0 EPA REFERENC Mean of Samples 701 932 0 EPA REFERENC	Highest Sample Value 846 1069 E DOC20/476695 / Highest Sample Value 960 1195 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	(yes/no) N/A N/A Exceedance (yes/no) N/A N/A	
Dec-22 DINT 12 Month Dec-22 DINT 13 Month Dec-22 DINT 13 Month Dec-22 DINT 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 l Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 6 combined exhaust - duct A and	(mg/m3) (mg/m3) B (points 4 and 5) mai Unit of Measure (mg/m3) (mg/m3) D (points 6 and 7) mai Unit of Measure (mg/m3) (mg/m3) (mg/m3) B (points 8 and 9) mai	Quarterly Every 6 months rked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous Continuous rked and shownas EPA ID 13 on The PI Sample/Measurement Frequency Continuous Continuous Continuous	Samples Collected & Analysed 91.1% 91.17 ans ("VX8373: Samples Collected & Analysed 91.1% 91.3% Samples Collected & Collected	Date Sampled Dec-22 Dec-22 51-1 AND "VX837 Date Sampled Dec-22 Dec-22 Dec-22 51-1 AND "VX837	Lowest Sample Value 31.7 42.1 351-2" 03/06/202 Lowest Sample Value 33.4 48.9 351-2" 03/06/202 Lowest Sample	Mean of Samples 648 806 0 EPA REFERENC Mean of Samples 701 932 0 EPA REFERENC	Highest Sample Value 846 1069 E DOC20/476695 / Highest Sample 960 1195 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	(yes/no) N/A N/A Exceedance (yes/no) N/A N/A Exceedance	Comments
Dec-22 Dec-22 DINT 12 Month Dec-22 Dec-22 DINT 13 Month Dec-22 Dec-22 DINT 14 Month	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 Pollutant Pollutant Pollutant	(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 (mg/m3) (mg/m3) B (points 8 and 9) man Unit of Measure	Quarterly Every 6 months rked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous Continuous rked and shownas EPA ID 13 on The PI Sample/Measurement Frequency Continuous Cont	Samples Collected & Analysed 91.1% 91.17 ans ("VX8373: Samples Collected & Analysed 91.18 91.3% ans ("VX8373: Samples Collected & Analysed	Date Sampled Dec-22 Dec-22 S1-1 AND "VX837 Date Sampled Dec-22 Dec-22 Dec-22 Dec-22 Date-22 Date-22 Date-22	Lowest Sample Value 317 421 351-2" 03/06/202 Lowest Sample Value 334 489 351-2" 03/06/202 Lowest Sample Value	Mean of Samples 648 806 0 EPA REFERENC Mean of Samples 701 932 0 EPA REFERENC	Highest Sample Value 846 1069 E DOC20/476695 / Highest Sample 960 1195 E DOC20/476695 / Highest Sample Value	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	(yes/no) N/A N/A Exceedance (yes/no) N/A N/A Exceedance (yes/no)	
Dec-22 Dec-22 Dint 12 Month Dec-22 Dec-22 Dint 13 Month Dec-22 Dec-22 Dint 14 Month Dec-22	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 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) mai Unit of Measure (mg/m3) (mg/m3) Unit of Measure (mg/m3) (mg/m3) Unit of Measure (mg/m3) (mg/m3)	Quarterly Every 6 months rked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous	Samples Collected & Analysed 91.1% 91.11% Samples Collected & Analysed 91.1% 91.3% Samples Collected & Analysed 91.1% Samples Collected & Analysed 91.1%	Date Sampled	Lowest Sample Value 317 421 351-2" 03/06/202 Lowest Sample Value 334 489 351-2" 03/06/202 Lowest Sample Value 264	Mean of Samples 648 806 0 EPA REFERENC Mean of Samples 701 932 0 EPA REFERENC	Highest Sample Value 846 1069 E DOC20/476695 / Highest Sample Value 960 1195 E DOC20/476695 / Highest Sample Value 913	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	(yes/no) N/A N/A Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A N/A	Comments
Month Dec-22 DINT 12 Month Dec-22 DINT 13 Month Dec-22 DINT 13 Month Dec-22 DINT 14 Month	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 Pollutant Pollutant Pollutant	(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 (mg/m3) (mg/m3) B (points 8 and 9) man Unit of Measure	Quarterly Every 6 months rked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous Continuous rked and shownas EPA ID 13 on The PI Sample/Measurement Frequency Continuous Cont	Samples Collected & Analysed 91.1% 91.17 ans ("VX8373: Samples Collected & Analysed 91.18 91.3% ans ("VX8373: Samples Collected & Analysed	Date Sampled Dec-22 Dec-22 S1-1 AND "VX837 Date Sampled Dec-22 Dec-22 Dec-22 Dec-22 Date-22 Date-22 Date-22	Lowest Sample Value 317 421 351-2" 03/06/202 Lowest Sample Value 334 489 351-2" 03/06/202 Lowest Sample Value	Mean of Samples 648 806 0 EPA REFERENC Mean of Samples 701 932 0 EPA REFERENC	Highest Sample Value 846 1069 E DOC20/476695 / Highest Sample 960 1195 E DOC20/476695 / Highest Sample Value	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	(yes/no) N/A N/A Exceedance (yes/no) N/A N/A Exceedance (yes/no)	Comments
Month Dec-22 DINT 13 Month Dec-22 DINT 13 Month Dec-22 DINT 14 Month Dec-22 DINT 14 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 I 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) man Unit of Measure (mg/m3) (mg/m3) D (points 6 and 7) man (mg/m3) (mg/m3) B (points 8 and 9) man Unit of Measure (mg/m3) (mg/m3)	Quarterly Every 6 months rked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous Continuous rked and shownas EPA ID 13 on The PI Sample/Measurement Frequency Continuous Continuous continuous Continuous rked and shownas EPA ID 14 on The PI Sample/Measurement Frequency Continuous Continuous Continuous Continuous Continuous	Samples Collected & Analysed 91.1% 91.17 Samples Collected & Analysed 91.18 Samples Collected & Analysed 91.18 91.3% Samples Collected & Analysed 91.19 92.2%	Date Sampled	Lowest Sample Value 317 421 351-2" 03/06/202 Lowest Sample Value 334 489 351-2" 03/06/202 Lowest Sample Value 264 452	Mean of Samples 648 806 0 EPA REFERENC Mean of Samples 701 932 0 EPA REFERENC Mean of Samples 667 854	Highest Sample Value 846 1069 E DOC20/476695 / Highest Sample 960 1195 E DOC20/476695 / Highest Sample Value 913 1205	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	(yes/no) N/A N/A Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A N/A	Comments
Dec-22 Dint 12 Month Dec-22 Dint 13 Month Dec-22 Dint 14 Month Dec-22 Dec-22 Dec-22 Dint 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 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) man Unit of Measure (mg/m3) (mg/m3) D (points 6 and 7) man (mg/m3) (mg/m3) B (points 8 and 9) man Unit of Measure (mg/m3) (mg/m3)	Quarterly Every 6 months rked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous Continuous rked and shownas EPA ID 13 on The PI Sample/Measurement Frequency Continuous Continuous continuous Continuous rked and shownas EPA ID 14 on The PI Sample/Measurement Frequency Continuous Continuous Continuous Continuous Continuous	Samples Collected & Analysed 91.1% 91.17 Samples Collected & Analysed 91.18 Samples Collected & Analysed 91.18 91.3% Samples Collected & Analysed 91.19 92.2%	Date Sampled	Lowest Sample Value 317 421 351-2" 03/06/202 Lowest Sample Value 334 489 351-2" 03/06/202 Lowest Sample Value 264 452	Mean of Samples 648 806 0 EPA REFERENC Mean of Samples 701 932 0 EPA REFERENC Mean of Samples 667 854	Highest Sample Value 846 1069 E DOC20/476695 / Highest Sample 960 1195 E DOC20/476695 / Highest Sample Value 913 1205	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	(yes/no) N/A N/A Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A N/A	Comments
Month Dec-22 DINT 13 Month Dec-22 DINT 13 Month Dec-22 DINT 14 Month Dec-22 DEC-22 DINT 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 I 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) man Unit of Measure (mg/m3) (mg/m3) D (points 6 and 7) man (mg/m3) (mg/m3) B (points 8 and 9) man Unit of Measure (mg/m3) (mg/m3)	Quarterly Every 6 months rked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous Continuous rked and shownas EPA ID 13 on The PI Sample/Measurement Frequency Continuous Continuous continuous Continuous rked and shownas EPA ID 14 on The PI Sample/Measurement Frequency Continuous Continuous Continuous Continuous Continuous	Samples Collected & Analysed 91.1% 91.11% Samples Collected & Analysed 91.19 91.3% Samples Collected & Analysed 91.19 91.3% Samples Collected & Analysed 91.19 91.3% Plans ("VX8373:	Date Sampled	Lowest Sample Value 317 421 351-2" 03/06/202 Lowest Sample Value 334 489 351-2" 03/06/202 Lowest Sample Value 264 452	Mean of Samples 648 806 0 EPA REFERENC Mean of Samples 701 932 0 EPA REFERENC Mean of Samples 667 854	Highest Sample Value 846 1069 E DOC20/476695 / Highest Sample 960 1195 E DOC20/476695 / Highest Sample Value 913 1205	99 Percentile Concentration Limit AND DOC20/476 99 Percentile Concentration Limit AND DOC20/476 99 Percentile Concentration Limit 5 AND DOC20/4	100 Percentile Concentration Limit 695-1). 100 Percentile Concentration Limit 100 Percentile Concentration Limit 100 Percentile Concentration Limit	(yes/no) N/A N/A Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A N/A	Comments
Dec-22 Dint 12 Month Dec-22 Dint 13 Month Dec-22 Dint 14 Month Dec-22 Dec-22 Dec-22 Dint 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 I 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) man Unit of Measure (mg/m3) (mg/m3) D (points 6 and 7) man (mg/m3) (mg/m3) B (points 8 and 9) man Unit of Measure (mg/m3) (mg/m3)	Quarterly Every 6 months rked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous Continuous rked and shownas EPA ID 13 on The PI Sample/Measurement Frequency Continuous Continuous continuous Continuous rked and shownas EPA ID 14 on The PI Sample/Measurement Frequency Continuous Continuous Continuous Continuous Continuous	Samples Collected & Analysed 91.1% 91.11% Samples Collected & Analysed 91.19% 91.3% Samples Collected & Analysed 91.19% 92.2% Plans ("VX8373: Samples Samples Samples Samples Samples Samples Samples	Date Sampled	Lowest Sample Value 317 421 351-2" 03/06/202 Lowest Sample Value 334 489 351-2" 03/06/202 Lowest Sample Value 264 452 37351-2" 03/06/2	Mean of Samples 648 806 0 EPA REFERENC Mean of Samples 701 932 0 EPA REFERENC Mean of Samples 667 854	Highest Sample Value 846 1069 E DOC20/476695 / Highest Sample Value 960 1195 E DOC20/476695 / Highest Sample Value 913 1205	99 Percentile Concentration Limit AND DOC20/476 99 Percentile Concentration Limit AND DOC20/476 99 Percentile Concentration Limit 5 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	Comments
Dec-22 Dec-22 DINT 12 Month Dec-22 Dec-22 DINT 13 Month Dec-22 Dec-22 DINT 14 Month Dec-22 Dec-22 DINT 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 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 Sulfur dioxide Boiler number 6 combined exhaust - duct C and I	(mg/m3) (mg/m3) B (points 4 and 5) mai Unit of Measure (mg/m3) (mg/m3) D (points 6 and 7) mai Unit of Measure (mg/m3) (mg/m3) B (points 8 and 9) mai Unit of Measure (mg/m3) (mg/m3) D (points 10 and 11) m	Quarterly Every 6 months rked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous Continuous rked and shownas EPA ID 13 on The PI Sample/Measurement Frequency Continuous Continuous Continuous Continuous Continuous Continuous rked and shownas EPA ID 14 on The PI Sample/Measurement Frequency Continuous Continuous Continuous Continuous Continuous	Samples Collected & Analysed 91.1% 91.17 Samples Collected & Analysed 91.19 Samples Collected & Analysed 91.19 91.3% Samples Collected & Analysed 91.1% 92.2% Plans ("VX8373	Date Sampled	Lowest Sample Value 317 421 351-2" 03/06/202 Lowest Sample Value 334 489 351-2" 03/06/202 Lowest Sample Value 264 452 37351-2" 03/06/2 Lowest Sample Value 264 452 Lowest Sample	Mean of Samples 648 806 0 EPA REFERENC Mean of Samples 701 932 0 EPA REFERENC Mean of Samples 667 854 020 EPA REFERENC	Highest Sample Value 846 1069 E DOC20/476695 / Value 960 1195 E DOC20/476695 / Highest Sample Value 913 1205 NCE DOC20/476696	99 Percentile Concentration Limit AND DOC20/476 99 Percentile Concentration Limit AND DOC20/476 99 Percentile Concentration Limit 5 AND DOC20/476 99 Percentile Concentration Concentration Concentration Concentration	100 Percentile Concentration Limit 100 Percentile Concentration Limit 100 Percentile Concentration Limit 100 Percentile Concentration Limit 100 Percentile Concentration Limit 100 Percentile Concentration Limit	Exceedance (yes/no) N/A Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A N/A Exceedance	Comments
Dec-22 Dec-22 Dint 12 Month Dec-22 Dec-22 Dint 13 Month Dec-22 Dec-22 Dec-22 Dec-22 Dec-22	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 I 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) man Unit of Measure (mg/m3) (mg/m3) D (points 6 and 7) man (mg/m3) (mg/m3) B (points 8 and 9) man Unit of Measure (mg/m3) (mg/m3)	Quarterly Every 6 months rked and shown as EPA ID 12 on The P Sample/Measurement Frequency Continuous Continuous rked and shownas EPA ID 13 on The PI Sample/Measurement Frequency Continuous Continuous continuous Continuous rked and shownas EPA ID 14 on The PI Sample/Measurement Frequency Continuous Continuous Continuous Continuous Continuous	Samples Collected & Analysed 91.1% 91.11% Samples Collected & Analysed 91.19% 91.3% Samples Collected & Analysed 91.19% 92.2% Plans ("VX8373: Samples Samples Samples Samples Samples Samples Samples	Date Sampled	Lowest Sample Value 317 421 351-2" 03/06/202 Lowest Sample Value 334 489 351-2" 03/06/202 Lowest Sample Value 264 452 37351-2" 03/06/2	Mean of Samples 648 806 0 EPA REFERENC Mean of Samples 701 932 0 EPA REFERENC Mean of Samples 667 854	Highest Sample Value 846 1069 E DOC20/476695 / Highest Sample Value 960 1195 E DOC20/476695 / Highest Sample Value 913 1205	99 Percentile Concentration Limit AND DOC20/476 99 Percentile Concentration Limit AND DOC20/476 99 Percentile Concentration Limit 5 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	Comments

POINT 22	Discharge of cooling water from the cooling water	r outlet canal to Wye	e Bay marked and shown as EPA ID 2	2 on The Plans	("VX837351-1 AN	ID "VX837351-2"	03/06/2020 EPA	REFERENCE DOC2	0/476695 AND D	OC20/476695-1		
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Samples Collected & Analysed	Date Sampled	Lowest Sample Value	Mean of Samples	Highest Sample Value	98.5 Percentile Concentration Limit	Concentration		
Dec-22	Chlorine (free residual)	(mg/L)	Monthly during discharge	1	8/12/2022	<0.1	<0.1	<0.1		0.2	No	
Dec-22	Copper	(mg/L)	Monthly during discharge	1	8/12/2022	0.001	0.001	0.001		0.005	No	
Dec-22	Iron	(mg/L)	Monthly during discharge	1	8/12/2022	0.051	0.051	0.051		0.3	No	
Dec-22	Oil and Grease	Visible	Continuous during discharge	100%	Dec-22	NIL	NIL	NIL				
Dec-22	Selenium	(mg/L)	Monthly during discharge	1	8/12/2022	0.001	0.001	0.001		0.005	No	
Dec-22	Temperature	(°C)	Continuous during discharge	100%	Dec-22	25.3	30.1	33.8	35	37.5	No	

	Discharge of superpatant water from the ash dam to the cooling water outlet canal to Wive Pay marked and shown as EDA ID 22 on The Plans ("VV27751 1 AND "VV27751 2" 02/06/2020 EDA PESEDENCE DOC20/476605 AND DOC20/476605 1
DOINT 22	Discharge of supernatant water from the ask dam to the cooling water outlet canal to Muse Bay marked and shown as EDA ID 22 on The Dians ("IVV9272E1 1 AND "IVV9272E1 2" 02/06/2020 EDA DECEDENCE DOC20/47660E AND DOC20/47660E 1\

POINT 23	Discharge of supernatant water from the ash dam	n to the cooling wate	r outlet canal to Wyee Bay marked ar	nd shown as El	PA ID 23 on The Pl	ans ("VX837351-1	AND "VX837351	L-2" 03/06/2020 E	PA REFERENCE D	OC20/476695 AI	ND DOC20/476	5695-1).
				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
Dec-22	Aluminium	(mg/L)	Monthly during discharge	1	8/12/2022	0.04	0.04	0.04				
Dec-22	Ammonia	(mg/L)	Monthly during discharge	1	8/12/2022	0.100	0.100	0.100				
Dec-22	Arsenic (III)	(mg/L)	Monthly during discharge	1	8/12/2022	< 0.001	< 0.001	< 0.001				
Dec-22	Arsenic (V)	(mg/L)	Monthly during discharge	1	8/12/2022	0.007	0.007	0.007				
Dec-22	Cadmium	(mg/L)	Monthly during discharge	1	8/12/2022	< 0.0001	< 0.0001	< 0.0001				
Dec-22	Chromium (trivalent)	(mg/L)	Monthly during discharge	1	8/12/2022	0.025	0.025	0.025				
Dec-22	Chromium (VI) Compounds	(mg/L)	Monthly during discharge	1	8/12/2022	< 0.005	< 0.005	< 0.005				
Dec-22	Copper	(mg/L)	Monthly during discharge	1	8/12/2022	< 0.001	< 0.001	< 0.001				
Dec-22	Iron	(mg/L)	Monthly during discharge	1	8/12/2022	0.036	0.036	0.036				
Dec-22	Lead	(mg/L)	Monthly during discharge	1	8/12/2022	< 0.001	< 0.001	< 0.001				
Dec-22	Manganese	(mg/L)	Monthly during discharge	1	8/12/2022	<0.005	<0.005	< 0.005				
Dec-22	Nickel	(mg/L)	Monthly during discharge	1	8/12/2022	< 0.001	< 0.001	< 0.001				
Dec-22	Nitrate + nitrite (oxidised nitrogen)	(mg/L)	Monthly during discharge	1	8/12/2022	0.02	0.02	0.02				
Dec-22	Nitrogen	(mg/L)	Monthly during discharge	1	8/12/2022	0.30	0.30	0.30				
Dec-22	pH	pH	Monthly during discharge	1	8/12/2022	8.64	8.64	8.64		6.5 - 9.5	No	
Dec-22	Phosphorus	(mg/L)	Monthly during discharge	1	8/12/2022	0.06	0.06	0.06				
Dec-22	Reactive Phosphorus	(mg/L)	Monthly during discharge	1	8/12/2022	0.006	0.006	0.006				
Dec-22	Selenium	(mg/L)	Monthly during discharge	1	8/12/2022	0.092	0.092	0.092				
Dec-22	Total Kjeldahl Nitrogen	(mg/L)	Monthly during discharge	1	8/12/2022	0.3	0.3	0.3				
Dec-22	Total Suspended Solids	(mg/L)	Monthly during discharge	1	8/12/2022	<5	<5	<5		50	No	
Dec-22	Vanadium	(mg/L)	Monthly during discharge	1	8/12/2022	0.130	0.130	0.130				
Dec-22	Zinc	(mg/L)	Monthly during discharge	1	8/12/2022	< 0.001	< 0.001	< 0.001				

POINT 24	Discharge of seepage water from the ash dam reh	abilitation area to M	lannering Bay marked and shown as I	EPA ID 24 on T	he Plans ("VX837:	351-1 AND "VX837	351-2" 03/06/2	020 EPA REFERENC	CE DOC20/47669	5 AND DOC20/47	76695-1).	
				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
Dec-22	Aluminium	(mg/L)	Monthly during discharge	1	8/12/2022				No			
Dec-22	Ammonia	(mg/L)	Monthly during discharge	1	8/12/2022				No			
Dec-22	Arsenic (III)	(mg/L)	Monthly during discharge	1	8/12/2022				No			
Dec-22	Arsenic (V)	(mg/L)	Monthly during discharge	1	8/12/2022				No			
Dec-22	Cadmium	(mg/L)	Monthly during discharge	1	8/12/2022				No			
Dec-22	Chromium (trivalent)	(mg/L)	Monthly during discharge	1	8/12/2022				No			
Dec-22	Chromium (VI) Compounds	(mg/L)	Monthly during discharge	1	8/12/2022				No			
Dec-22	Copper	(mg/L)	Monthly during discharge	1	8/12/2022				No			
Dec-22	Iron	(mg/L)	Monthly during discharge	1	8/12/2022				No			
Dec-22	Lead	(mg/L)	Monthly during discharge	1	8/12/2022				No			
Dec-22	Manganese	(mg/L)	Monthly during discharge	1	8/12/2022				No			No discharge from EPA Point 24 during December 2022
Dec-22	Nickel	(mg/L)	Monthly during discharge	1	8/12/2022				No			
Dec-22	Nitrate + nitrite (oxidised nitrogen)	(mg/L)	Monthly during discharge	1	8/12/2022				No			
Dec-22	Nitrogen	(mg/L)	Monthly during discharge	1	8/12/2022				No			
Dec-22	pH	pН	Monthly during discharge	1	8/12/2022				No	6.5 - 9.5	No	
Dec-22	Phosphorus	(mg/L)	Monthly during discharge	1	8/12/2022				No			
Dec-22	Reactive Phosphorus	(mg/L)	Monthly during discharge	1	8/12/2022				No			
Dec-22	Selenium	(mg/L)	Monthly during discharge	1	8/12/2022				No			_
Dec-22	Total Kjeldahl Nitrogen	(mg/L)	Monthly during discharge	1	8/12/2022				No			
Dec-22	Total Suspended Solids	(mg/L)	Monthly during discharge	1	8/12/2022				No	50	No	
Dec-22	Vanadium	(mg/L)	Monthly during discharge	1	8/12/2022				No			
Dec-22	Zinc	(mg/L)	Monthly during discharge	1	8/12/2022	_			No			

POINT 25	Discharge of over boarded water from the a	sh dam to Mannering Bay	marked and shown as EPA ID 25 on T	he Plans ("VX	337351-1 AND "V	(837351-2" 03/06	/2020 EPA REFE	RENCE DOC20/476	695 AND DOC20	/476695-1).		
				Samples					Discharge	100 Percentile		
				Collected &		Lowest Sample	Mean of	Highest Sample	(yes/no)	Concentration		
Month	Pollutant		Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value		Limit	(yes/no)	Comments
Dec-22	Aluminium	(mg/L)	Daily for any discharge >2 hrs						No			
Dec-22	Ammonia	(mg/L)	Daily for any discharge >2 hrs						No			
Dec-22	Arsenic (III)	(mg/L)	Daily for any discharge >2 hrs						No			
Dec-22	Arsenic (V)	(mg/L)	Daily for any discharge >2 hrs						No			
Dec-22	Cadmium	(mg/L)	Daily for any discharge >2 hrs						No			
Dec-22	Chromium (trivalent)	(mg/L)	Daily for any discharge >2 hrs						No			
Dec-22	Chromium (VI) Compounds	(mg/L)	Daily for any discharge >2 hrs						No			
Dec-22	Copper	(mg/L)	Daily for any discharge >2 hrs						No			
Dec-22	Iron	(mg/L)	Daily for any discharge >2 hrs						No			
Dec-22	Lead	(mg/L)	Daily for any discharge >2 hrs						No			
Dec-22	Manganese	(mg/L)	Daily for any discharge >2 hrs						No			No discharge from EPA Point 25 during December 2022
Dec-22	Nickel	(mg/L)	Daily for any discharge >2 hrs						No			
Dec-22	Nitrate + nitrite (oxidised nitrogen)	(mg/L)	Daily for any discharge >2 hrs						No			
Dec-22	Nitrogen	(mg/L)	Daily for any discharge >2 hrs						No			
Dec-22	pH	pH	Daily for any discharge >2 hrs						No	6.5 - 9.5	No	
Dec-22	Phosphorus	(mg/L)	Daily for any discharge >2 hrs						No			
Dec-22	Reactive Phosphorus	(mg/L)	Daily for any discharge >2 hrs						No			
Dec-22	Selenium	(mg/L)	Daily for any discharge >2 hrs						No			
Dec-22	Total Kjeldahl Nitrogen	(mg/L)	Daily for any discharge >2 hrs						No			
Dec-22	Total Suspended Solids	(mg/L)	Daily for any discharge >2 hrs						No	50	No	
Dec-22	Vanadium	(mg/L)	Daily for any discharge >2 hrs						No			
Dec-22	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
Dec-22	Aluminium	(mg/L)	Quarterly									
Dec-22	Ammonia	(mg/L)	Quarterly									
Dec-22	Arsenic (III)	(mg/L)	Quarterly									
Dec-22	Arsenic (V)	(mg/L)	Quarterly									
Dec-22	Cadmium	(mg/L)	Quarterly									
Dec-22	Chromium (trivalent)	(mg/L)	Quarterly									
Dec-22	Chromium (VI) Compounds	(mg/L)	Quarterly									
Dec-22	Copper	(mg/L)	Quarterly									
Dec-22	Electrical Conductivity	(us/cm)	Quarterly									
Dec-22	Iron	(mg/L)	Quarterly									Next sample scheduled for January 2023
Dec-22	Lead	(mg/L)	Quarterly									
Dec-22	Magnesium	(mg/L)	Quarterly									
Dec-22	Manganese	(mg/L)	Quarterly									
Dec-22	Nickel	(mg/L)	Quarterly									
Dec-22	pH	pН	Quarterly									
Dec-22	Potassium	(mg/L)	Quarterly									
Dec-22	Selenium	(mg/L)	Quarterly									
Dec-22	Sodium	(mg/L)	Quarterly									·
Dec-22	Standing Water Level	(m)	Quarterly									·
Dec-22	Vanadium	(mg/L)	Quarterly									·
Dec-22	Zinc	(mg/L)	Quarterly									

POINT 31	Groundwater quality monitoring bore marked and shown as EPA ID 31 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
Dec-22	Aluminium	(mg/L)	Quarterly									
Dec-22	Ammonia	(mg/L)	Quarterly									
Dec-22	Arsenic (III)	(mg/L)	Quarterly									
Dec-22	Arsenic (V)	(mg/L)	Quarterly									
Dec-22	Cadmium	(mg/L)	Quarterly									
Dec-22	Chromium (trivalent)	(mg/L)	Quarterly									
Dec-22	Chromium (VI) Compounds	(mg/L)	Quarterly									
Dec-22	Copper	(mg/L)	Quarterly									
Dec-22	Electrical Conductivity	(us/cm)	Quarterly									
Dec-22	Iron	(mg/L)	Quarterly									
Dec-22	Lead	(mg/L)	Quarterly									Next sample scheduled for January 2023
Dec-22	Magnesium	(mg/L)	Quarterly									
Dec-22	Manganese	(mg/L)	Quarterly									
Dec-22	Nickel	(mg/L)	Quarterly									
Dec-22	рН	pН	Quarterly									
Dec-22	Potassium	(mg/L)	Quarterly									
Dec-22	Selenium	(mg/L)	Quarterly									
Dec-22	Sodium	(mg/L)	Quarterly									·
Dec-22	Standing Water Level	(m)	Quarterly									·
Dec-22	Vanadium	(mg/L)	Quarterly									
Dec-22	Zinc	(mg/L)	Quarterly									·

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					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
Dec-22	Aluminium	(mg/L)	Quarterly									
Dec-22	Ammonia	(mg/L)	Quarterly									
Dec-22	Arsenic (III)	(mg/L)	Quarterly									
Dec-22	Arsenic (V)	(mg/L)	Quarterly									
Dec-22	Cadmium	(mg/L)	Quarterly									
Dec-22	Chromium (trivalent)	(mg/L)	Quarterly									
Dec-22	Chromium (VI) Compounds	(mg/L)	Quarterly									
Dec-22	Copper	(mg/L)	Quarterly									
Dec-22	Electrical Conductivity	(us/cm)	Quarterly									
Dec-22	Iron	(mg/L)	Quarterly									
Dec-22	Lead	(mg/L)	Quarterly									Next sample scheduled for January 2023
Dec-22	Magnesium	(mg/L)	Quarterly									
Dec-22	Manganese	(mg/L)	Quarterly									
Dec-22	Nickel	(mg/L)	Quarterly									
Dec-22	pH	pН	Quarterly									
Dec-22	Potassium	(mg/L)	Quarterly									
Dec-22	Selenium	(mg/L)	Quarterly									
Dec-22	Sodium	(mg/L)	Quarterly									
Dec-22	Standing Water Level	(m)	Quarterly									
Dec-22	Vanadium	(mg/L)	Quarterly									
Dec-22	Zinc	(mg/L)	Quarterly									

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
Dec-22	Aluminium	(mg/L)	Quarterly									
Dec-22	Ammonia	(mg/L)	Quarterly									
Dec-22	Arsenic (III)	(mg/L)	Quarterly									
Dec-22	Arsenic (V)	(mg/L)	Quarterly									
Dec-22	Cadmium	(mg/L)	Quarterly									
Dec-22	Chromium (trivalent)	(mg/L)	Quarterly									
Dec-22	Chromium (VI) Compounds	(mg/L)	Quarterly									
Dec-22	Copper	(mg/L)	Quarterly									
Dec-22	Electrical Conductivity	(us/cm)	Quarterly									
Dec-22	Iron	(mg/L)	Quarterly									Next sample scheduled for January 2023
Dec-22	Lead	(mg/L)	Quarterly									
Dec-22	Magnesium	(mg/L)	Quarterly									
Dec-22	Manganese	(mg/L)	Quarterly									
Dec-22	Nickel	(mg/L)	Quarterly									
Dec-22	pH	рН	Quarterly									
Dec-22	Potassium	(mg/L)	Quarterly									
Dec-22	Selenium	(mg/L)	Quarterly									
Dec-22	Sodium	(mg/L)	Quarterly									
Dec-22	Standing Water Level	(m)	Quarterly									
Dec-22	Vanadium	(mg/L)	Quarterly									
Dec-22	Zinc	(mg/L)	Quarterly									

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
Dec-22	Aluminium	(mg/L)	Quarterly									
Dec-22	Ammonia	(mg/L)	Quarterly									
Dec-22	Arsenic (III)	(mg/L)	Quarterly									
Dec-22	Arsenic (V)	(mg/L)	Quarterly									
Dec-22	Cadmium	(mg/L)	Quarterly									
Dec-22	Chromium (trivalent)	(mg/L)	Quarterly									
Dec-22	Chromium (VI) Compounds	(mg/L)	Quarterly									
Dec-22	Copper	(mg/L)	Quarterly									
Dec-22	Electrical Conductivity	(us/cm)	Quarterly									
Dec-22	Iron	(mg/L)	Quarterly									Next sample scheduled for January 2023
Dec-22	Lead	(mg/L)	Quarterly									
Dec-22	Magnesium	(mg/L)	Quarterly									
Dec-22	Manganese	(mg/L)	Quarterly									
Dec-22	Nickel	(mg/L)	Quarterly									
Dec-22	pH	pH	Quarterly									
Dec-22	Potassium	(mg/L)	Quarterly									
Dec-22	Selenium	(mg/L)	Quarterly			•	•				·	
Dec-22	Sodium	(mg/L)	Quarterly			•	•				·	
Dec-22	Standing Water Level	(m)	Quarterly			•	•				·	
Dec-22	Vanadium	(mg/L)	Quarterly			•	•				·	
Dec-22	Zinc	(mg/L)	Quarterly				•					

GENERAL COMMENTS