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	September 2021	
ADDRESS	VALES ROAD, MANNERING PARK NSW	



POINT 2	Compined air emissions from polier 5 via Points 4 to	7 to Point 1 marked a	and shown as EPA ID 2 on The Plans	2 (AV92\221-1	T WIND AV92122T-	-2 U3/U6/2U2U EP	A REFERENCE DO	C20/4/6695 AND I	JUC20/476695-1	L).		
				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)	
Sep-21	Cadmium	(mg/m3)	Every 6 months							0.2		
Sep-21	Chlorine	(mg/m3)	Every 6 months							20		
	1 .											

				Collected &		Lowest Sample	iviean or	Hignest Sample	Concentration	Concentration	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Sep-21	Cadmium	(mg/m3)	Every 6 months							0.2		
Sep-21	Chlorine	(mg/m3)	Every 6 months							20		
Sep-21	Fluorine	(mg/m3)	Every 6 months							30		
Sep-21	Hydrogen chloride	(mg/m3)	Every 6 months							50		
Sep-21	Mercury	(mg/m3)	Every 6 months							0.05		
Sep-21	Nitrogen Oxides	(mg/m3)	Continuous	100.0%	Sep-21	461	672	852	1100	1500	No	
Sep-21	Solid Particles	(mg/m3)	Quarterly							50	No	
Sep-21	Sulfur dioxide	(mg/m3)	Continuous	100.0%	Sep-21	461	677	883	1400	1700	No	
Sep-21	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months							100		
Sep-21	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months							0.75		
Sep-21	VOC's as n-propane equivalent	(mg/m3)	Every 6 months							10		

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).	

PUINT 3	Combined air emissions from boller 6 via Points 8 to .	II to Follit I illai ket	allu silowii as LFA ID 3 oli Tile Flai	12 (AV02122T	1 AND VA03/331	1-2 03/00/2020 L	FA KLFLKLINCL D	OC20/470033 AND	DOC20/470033	-1).		
				Samples						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
Sep-21	Cadmium	(mg/m3)	Every 6 months							0.2		
Sep-21	Chlorine	(mg/m3)	Every 6 months							20		
Sep-21	Fluorine	(mg/m3)	Every 6 months							30		
Sep-21	Hydrogen chloride	(mg/m3)	Every 6 months							50		
Sep-21	Mercury	(mg/m3)	Every 6 months							0.05		
Sep-21	Nitrogen Oxides	(mg/m3)	Continuous	98.4%	Sep-21	383	602	909	1100	1500	No	
Sep-21	Solid Particles	(mg/m3)	Quarterly							50		
Sep-21	Sulfur dioxide	(mg/m3)	Continuous	98.4%	Sep-21	464	643	832	1400	1700	No	
Sep-21	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months							100		
Sep-21	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months							0.75		_
Sep-21	VOC's as n-propane equivalent	(mg/m3)	Every 6 months							10		

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).

FOINT 4	Doller Hulliber 3 exhaust - duct A marked and shown	do El A ID 4 on The I	10115 (171057552 271115 171057552	2 00/00/201	O EI / TILEI EILEITOE	D C C E O / 47 C C S S 7 1	12 20 020/ 47 003	3 2/.				
				Samples Collected &		Lowest Sample	Mean of	Highest Sample	Concentration	100 Percentile Concentration		
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Sep-21	Cadmium	(mg/m3)	Every 6 months									
Sep-21	Carbon dioxide	(%)	Every 6 months									
Sep-21	Chlorine	(mg/m3)	Every 6 months									
Sep-21	Flow rate	(m3/s)	Continuous									Not required until 31 October 2021
Sep-21	Fluorine	(mg/m3)	Every 6 months									
Sep-21	Hydrogen chloride	(mg/m3)	Every 6 months									
Sep-21	Mercury	(mg/m3)	Every 6 months									
Sep-21	Moisture	(%)	Continuous									Not required until 31 October 2021
Sep-21	Oxygen (O2)	(%)	Continuous									Not required until 31 October 2021
Sep-21	Solid Particles	(mg/m3)	Quarterly									
Sep-21	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months									
Sep-21	Temperature	(°C)	Continuous									Not required until 31 October 2021
Sep-21	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months									
Sep-21	VOC's as n-propane equivalent	(mg/m3)	Every 6 months									

POINT 5	Boiler number 5 exhaust - duct B marked and shown	as EPA ID 5 on The P	lans ("VX837351-1 AND "VX837351	-2" 03/06/202	0 EPA REFERENCE	DOC20/476695 AN	ND DOC20/47669	5-1).				
				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
Sep-21	Cadmium	(mg/m3)	Every 6 months									
Sep-21	Flow rate	(m3/s)	Continuous									Not required until 31 October 2021
Sep-21	Mercury	(mg/m3)	Every 6 months									
Sep-21	Moisture	(%)	Continuous									Not required until 31 October 2021
Sep-21	Oxygen (O2)	(%)	Continuous									Not required until 31 October 2021
Sep-21	Solid Particles	(mg/m3)	Quarterly									
Sep-21	Temperature	(°C)	Continuous									Not required until 31 October 2021
Sep-21	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months									

POINT 6	Boiler number 5 exhaust - duct C marked and shown	as EPA ID 6 on The P	lans ("VX837351-1 AND "VX837351	-2" 03/06/202	0 EPA REFERENCE	DOC20/476695 At	ND DOC20/47669	95-1).				
				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
Sep-21	Cadmium	(mg/m3)	Every 6 months									
Sep-21	Carbon dioxide	(%)	Every 6 months									
Sep-21	Chlorine	(mg/m3)	Every 6 months									
Sep-21	Flow rate	(m3/s)	Continuous									Not required until 31 October 2021
Sep-21	Fluorine	(mg/m3)	Every 6 months									
Sep-21	Hydrogen chloride	(mg/m3)	Every 6 months									
Sep-21	Mercury	(mg/m3)	Every 6 months									
Sep-21	Moisture	(%)	Continuous									Not required until 31 October 2021
Sep-21	Oxygen (O2)	(%)	Continuous									Not required until 31 October 2021
Sep-21	Solid Particles	(mg/m3)	Quarterly									
Sep-21	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months									
Sep-21	Temperature	(°C)	Continuous									Not required until 31 October 2021
Sep-21	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months									
Sep-21	VOC's as n-propane equivalent	(mg/m3)	Every 6 months				•					

POINT 7	Boiler number 5 exhaust - duct D marked and shown	as EPA ID 7 on The P	lans ("VX837351-1 AND "VX837351	-2" 03/06/202	20 EPA REFERENCE	DOC20/476695 AI	ND DOC20/47669	95-1).				
				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
Sep-21	Cadmium	(mg/m3)	Every 6 months									
Sep-21	Flow rate	(m3/s)	Continuous									Not required until 31 October 2021
Sep-21	Mercury	(mg/m3)	Every 6 months									
Sep-21	Moisture	(%)	Continuous									Not required until 31 October 2021
Sep-21	Oxygen (O2)	(%)	Continuous									Not required until 31 October 2021
Sep-21	Solid Particles	(mg/m3)	Quarterly									
Sep-21	Temperature	(°C)	Continuous									Not required until 31 October 2021
Sep-21	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months									

POINT 8	Boiler number 6 exhaust - duct A marked and shown	n as EPA ID 8 on The F	Plans ("VX837351-1 AND "VX837351	-2" 03/06/20:	0 EPA REFERENCE	DOC20/476695 AI	ND DOC20/47669	95-1).				
				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
Sep-21	Cadmium	(mg/m3)	Every 6 months									
Sep-21	Carbon dioxide	(%)	Every 6 months									
Sep-21	Chlorine	(mg/m3)	Every 6 months									
Sep-21	Flow rate	(m3/s)	Continuous									Not required until 31 October 2021
Sep-21	Fluorine	(mg/m3)	Every 6 months									
Sep-21	Hydrogen chloride	(mg/m3)	Every 6 months									
Sep-21	Mercury	(mg/m3)	Every 6 months									
Sep-21	Moisture	(%)	Continuous									Not required until 31 October 2021
Sep-21	Oxygen (O2)	(%)	Continuous									Not required until 31 October 2021
Sep-21	Solid Particles	(mg/m3)	Quarterly									
Sep-21	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months									
Sep-21	Temperature	(°C)	Continuous									Not required until 31 October 2021
Sep-21	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months									
Sep-21	VOC's as n-propane equivalent	(mg/m3)	Every 6 months				•					

Public P					Samples	O EPA REFERENCE			1	99 Percentile	100 Percentile		
							Lowest Sample	Mean of	Highest Sample			Exceedance	
22 1	onth	Pollutant	Unit of Measure	Sample/Measurement Frequency		Date Sampled		Samples		Limit	Limit	(yes/no)	Comments
Section Sect	p-21	Cadmium	(mg/m3)	Every 6 months									
Part Control Part Part Control Part P	p-21	Flow rate	(m3/s)										Not required until 31 October 2021
2.2 Output Outp	p-21	Mercury	(mg/m3)										
2.1	p-21	Moisture	(%)	Continuous									Not required until 31 October 2021
Column	p-21	Oxygen (O2)	(%)	Continuous									Not required until 31 October 2021
Part The Part of part Section of the content of the part Section of the part S	ep-21	Solid Particles											
March Marc	ep-21	- 1		Continuous									Not required until 31 October 2021
Sumple Control Contr	ep-21	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months									
Surprise									1				
Common	DINI 10	Boiler number 6 exhaust - duct C marked and show	vn as EPA ID 10 on The	Plans ("VX83/351-1 AND "VX83/35		20 EPA REFERENC	E DOC20/4/6695	AND DOC20/4/66	95-1).	1	l		
Post													
	Annth	Dellutont	Unit of Managers	Sample /Massurament Francisco		Data Campled							Comments
Cathon decoded (9)					Analyseu	Date Sampleu	value	Samples	Value	Limit	Limit	(yes/no)	Comments
			, , ,										
Part							 		1				
Part	_												Not required until 31 October 2021
Part April							 						Not required until 31 October 2021
Mercary (mg/m3) Cern's montes							1						
Mostature			, , ,	/			 						
Documents Docu							1						Not required until 31 October 2021
20-21 Self-transciste (mg/m3) Guarterly							†		1				
							 						Not required until 31 October 2021
po 21 Topic and the process of the p													
Page 21 More as prepare equated (mg/ms) Every 6 months													Not required until 31 October 2021
MOS as n-progene equivalent Company Comp													Hot required difful 51 October 2021
Solie number 6 cehaust - duct D marked and shown as EPA ID 1 on The Plans ("VX837351.1 AND "VX837351.2" 03/06/2002 EPA REFERENCE DOC20/476695 AND DOC20/476695 I). Solie number 5 cembined eshaust - duct C and D [points 4 and 8] points 4 and 8] points 4 and 8] points 4 and 8 [points 4 and 8] marked and shown as EPA ID 1 on The Plans ("VX837351.1 AND "VX837351.2" 03/06/2002 EPA REFERENCE DOC20/476695 AND DOC20/476695 I). Solie number 5 combined eshaust - duct C and D [points 6 and 7] marked and shown as EPA ID 1 on The Plans ("VX837351.1 AND "VX837351.2" 03/06/2002 EPA REFERENCE DOC20/476695 AND DOC20/476695 I). Solie number 5 combined eshaust - duct C and D [points 6 and 7] marked and shown as EPA ID 1 on The Plans ("VX837351.1 AND "VX837351.2" 03/06/2002 EPA REFERENCE DOC20/476695 AND DOC20/476695 I). Solie number 5 combined eshaust - duct C and D [points 6 and 7] marked and shown as EPA ID 1 on The Plans ("VX837351.1 AND "VX837351.2" 03/06/2002 EPA REFERENCE DOC20/476695 AND DOC20/476695 II. Solie number 5 combined eshaust - duct C and D [points 6 and 7] marked and shown as EPA ID 1 on The Plans ("VX837351.1 AND "VX837351.2" 03/06/2002 EPA REFERENCE DOC20/476695 AND DOC20/476695 II. Solie number 5 combined eshaust - duct C and D [points 6 and 7] marked and shown as EPA ID 1 on The Plans ("VX837351.1 AND "VX837351.2" 03/06/2002 EPA REFERENCE DOC20/476695 AND DOC20/476695 II. Solie number 5 combined eshaust - duct C and D [points 6 and 7] marked and shown as EPA ID 1 on The Plans ("VX837351.1 AND "VX837351.2" 03/06/2002 EPA REFERENCE DOC20/476695 AND DOC20/476695 II. Solie number 5 combined eshaust - duct C and D [points 6 and 7] marked and shown as EPA ID 1 on The Plans ("VX837351.1 AND "VX837351.2" 03/06/2002 EPA REFERENCE DOC20/476695 AND DOC20/476695 II. Solie number 5 combined eshaust - duct C and D [points 6 and 7] marked and shown as EPA ID 1 on The Plans ("VX837351.1 AND "VX837351.2" 03/06/2002 EPA REFERENCE DOC20/476695 AND DOC20/476695 II. Solie number 5 combined eshaust - duct A	_												
2-11 Cadmium (mg/m3) Every 6 months													
## 2012 Flow rate					Collected &		Lowest Sample	Mean of	Highest Sample			Exceedance	
	/lonth	Pollutant	Unit of Measure	Sample/Measurement Frequency		Date Sampled				Concentration	Concentration		Comments
Page 10 10 10 10 10 10 10 1			_			Date Sampled				Concentration	Concentration		
Page 12 Solid Particles (mg/m3) Continuous	ep-21 ep-21	Cadmium Flow rate	(mg/m3) (m3/s)	Every 6 months Continuous		Date Sampled				Concentration	Concentration		
Spirit Particles (mg/m3) Quarterly	Sep-21 Sep-21 Sep-21	Cadmium Flow rate Mercury	(mg/m3) (m3/s) (mg/m3)	Every 6 months Continuous Every 6 months		Date Sampled				Concentration	Concentration		Not required until 31 October 2021
Page 21 Temperature	ep-21 ep-21 ep-21 ep-21	Cadmium Flow rate Mercury Moisture	(mg/m3) (m3/s) (mg/m3) (%)	Every 6 months Continuous Every 6 months Continuous		Date Sampled				Concentration	Concentration		Not required until 31 October 2021 Not required until 31 October 2021
Page 2 Type 1 and Type 2 substances in aggregate (mg/m3) Every 6 months Every 7 m	Sep-21 Sep-21 Sep-21 Sep-21 Sep-21	Cadmium Flow rate Mercury Moisture Oxygen (O2)	(mg/m3) (m3/s) (mg/m3) (%)	Every 6 months Continuous Every 6 months Continuous Continuous		Date Sampled				Concentration	Concentration		Not required until 31 October 2021 Not required until 31 October 2021
Boiler number 5 combined exhaust - duct A and 8 (points 4 and 5) marked and shown as EPA ID 12 on The Plans ("VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1). Samples	Month Sep-21 Sep-21 Sep-21 Sep-21 Sep-21 Sep-21	Cadmium Flow rate Mercury Morsture Oxygen (O2) Solid Particles	(mg/m3) (m3/s) (mg/m3) (%) (%) (mg/m3)	Every 6 months Continuous Every 6 months Continuous Continuous Continuous Quarterly		Date Sampled				Concentration	Concentration		Not required until 31 October 2021 Not required until 31 October 2021 Not required until 31 October 2021
Samples Collected & Annah Pollutant Unit of Measure Sample/Measurement Frequency Analysed Date Sampled Value Sample Samples Value Value Sample Samples Value Limit Limit Unit of Measure (Fey-1) Sulfur dioxide (mg/m3) Continuous 100.0% Sep-21 376 631 860 No	Sep-21 Sep-21 Sep-21 Sep-21 Sep-21 Sep-21 Sep-21	Cadmium Flow rate Mercury Moisture Oxygen (O2) Solid Particles Temperature	(mg/m3) (m3/s) (mg/m3) (%) (%) (mg/m3) (°C)	Every 6 months Continuous Every 6 months Continuous Continuous Quarterly Continuous		Date Sampled				Concentration	Concentration		Not required until 31 October 2021 Not required until 31 October 2021 Not required until 31 October 2021
Samples Collected & Australia Pollutant Unit of Measure Sample/Measurement Frequency Analysed Date Sampled Value Sample Value Limit Limit (Psycho) Comments	ep-21 ep-21 ep-21 ep-21 ep-21 ep-21 ep-21	Cadmium Flow rate Mercury Moisture Oxygen (O2) Solid Particles Temperature	(mg/m3) (m3/s) (mg/m3) (%) (%) (mg/m3) (°C)	Every 6 months Continuous Every 6 months Continuous Continuous Quarterly Continuous		Date Sampled				Concentration	Concentration		Not required until 31 October 2021 Not required until 31 October 2021 Not required until 31 October 2021
Collected & Date Sample Lowest Sample Mean of Sample	ep-21 ep-21 ep-21 ep-21 ep-21 ep-21 ep-21	Cadmium Flow rate Mercury Moisture Oxygen (O2) Solid Particles Temperature Type 1 and Type 2 substances in aggregate	(mg/m3) (m3/s) (mg/m3) (%) (%) (%) (mg/m3) (*C) (mg/m3)	Every 6 months Continuous Every 6 months Continuous Continuous Continuous Quarterly Continuous Every 6 months	Analysed		Value	Samples	Value	Concentration Limit	Concentration Limit		Not required until 31 October 2021 Not required until 31 October 2021 Not required until 31 October 2021
Month Pollutant Unit of Measure Samples/Measurement Frequency Analysed Date Sampled Value Samples Value Limit Limit (yes/no) Comments ep-21 Nitrogen Oxides (mg/m3) Continuous 100.0% Sep-21 369 622 789 No solid rudioxide (mg/m3) Continuous 100.0% Sep-21 376 631 860 No	ep-21 ep-21 ep-21 ep-21 ep-21 ep-21 ep-21	Cadmium Flow rate Mercury Moisture Oxygen (O2) Solid Particles Temperature Type 1 and Type 2 substances in aggregate	(mg/m3) (m3/s) (mg/m3) (%) (%) (%) (mg/m3) (*C) (mg/m3)	Every 6 months Continuous Every 6 months Continuous Continuous Continuous Quarterly Continuous Every 6 months	Analysed		Value	Samples	Value	Concentration Limit	Concentration Limit		Not required until 31 October 2021 Not required until 31 October 2021 Not required until 31 October 2021
Pep-21 Nitrogen Oxides (mg/m3) Continuous 100.0% Sep-21 369 622 789 No No	Sep-21 Sep-21 Sep-21 Sep-21 Sep-21	Cadmium Flow rate Mercury Moisture Oxygen (O2) Solid Particles Temperature Type 1 and Type 2 substances in aggregate	(mg/m3) (m3/s) (mg/m3) (%) (%) (%) (mg/m3) (*C) (mg/m3)	Every 6 months Continuous Every 6 months Continuous Continuous Continuous Quarterly Continuous Every 6 months	Analysed		Value	Samples	Value	Concentration Limit	Concentration Limit		Not required until 31 October 2021 Not required until 31 October 2021 Not required until 31 October 2021
Sulfur dioxide (mg/m3) Continuous 100.0% Sep-21 376 631 860 No No	Sep-21 Sep-21 Sep-21 Sep-21 Sep-21 Sep-21 Sep-21	Cadmium Flow rate Mercury Moisture Oxygen (O2) Solid Particles Temperature Type 1 and Type 2 substances in aggregate	(mg/m3) (m3/s) (mg/m3) (%) (%) (%) (mg/m3) (*C) (mg/m3)	Every 6 months Continuous Every 6 months Continuous Continuous Continuous Quarterly Continuous Every 6 months	Analysed ans ("VX83735 Samples		Value	Samples EPA REFERENCE	Value DOC20/476695 AN	Concentration Limit D DOC20/47669 99 Percentile	Concentration Limit 5-1). 100 Percentile	(yes/no)	Not required until 31 October 2021 Not required until 31 October 2021 Not required until 31 October 2021
Boiler number 5 combined exhaust - duct C and D (points 6 and 7) marked and shownas EPA ID 13 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1). Samples Collected & Concentration Limit L	ep-21 ep-21 ep-21 ep-21 ep-21 ep-21 ep-21 ep-21	Cadmium Flow rate Mercury Moisture Oxygen (O2) Solid Particles Temperature Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and B	(mg/m3) (m3/s) (mg/m3) (%) (%) (%) (mg/m3) (°C) (mg/m3) (points 4 and 5) market	Every 6 months Continuous Every 6 months Continuous Continuous Continuous Quarterly Continuous Every 6 months	Analysed ans ("VX83733 Samples Collected &	1-1 AND "VX8373	Value 51-2" 03/06/2020 Lowest Sample	Samples EPA REFERENCE Mean of	Value DOC20/476695 AN Highest Sample	Concentration Limit D DOC20/47669 99 Percentile Concentration	Concentration Limit 5-1). 100 Percentile Concentration	(yes/no)	Not required until 31 October 2021
Samples Collected & Date Samples Value Sample Value Samples Value Sample Concentration Limit Concentration Concent	ep-21 ep-21 ep-21 ep-21 ep-21 ep-21 ep-21 ep-21 ep-21	Cadmium Flow rate Mercury Moisture Oxygen (O2) Solid Particles Temperature Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and B	(mg/m3) (m3/s) (m3/s) (mg/m3) (%) (%) (mg/m3) (°C) (mg/m3) (points 4 and 5) marked	Every 6 months Continuous Every 6 months Continuous Continuous Continuous Quarterly Continuous Every 6 months	ans ("VX8373: Samples Collected & Analysed	1-1 AND "VX8373! Date Sampled	Value 51-2" 03/06/2020 Lowest Sample Value	Samples EPA REFERENCE Mean of Samples	Value DOC20/476695 AN Highest Sample Value	Concentration Limit D DOC20/47669 99 Percentile Concentration	Concentration Limit 5-1). 100 Percentile Concentration	(yes/no) Exceedance (yes/no)	Not required until 31 October 2021
Samples Collected & Date Samples Value Sample Value Samples Value Sample Concentration Limit Concentration Concent	ep-21	Cadmium Flow rate Mercury Moisture Oxygen (O2) Solid Particles Temperature Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and B i	(mg/m3) (m3/s) (m3/s) (mg/m3) (%) (%) (mg/m3) (°C) (mg/m3) (points 4 and 5) marked	Every 6 months Continuous Every 6 months Continuous Continuous Continuous Quarterly Continuous Every 6 months d and shown as EPA ID 12 on The Pl	ans ("VX8373: Samples Collected & Analysed	1-1 AND "VX8373: Date Sampled Sep-21	Value 51-2" 03/06/2020 Lowest Sample Value 369	EPA REFERENCE Mean of Samples 622	DOC20/476695 AN Highest Sample Value 789	Concentration Limit D DOC20/47669 99 Percentile Concentration	Concentration Limit 5-1). 100 Percentile Concentration	Exceedance (yes/no) No	Not required until 31 October 2021
Collected & Date Sample Value Concentration Concentratio	ep-21	Cadmium Flow rate Mercury Moisture Oxygen (O2) Solid Particles Temperature Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and B I Pollutant Nitrogen Oxides Sulfur dioxide	(mg/m3) (m3/s) (m3/s) (mg/m3) (%) (%) (mg/m3) (*C) (mg/m3) (points 4 and 5) marked Unit of Measure (mg/m3) (mg/m3)	Every 6 months Continuous Every 6 months Continuous Continuous Continuous Quarterly Continuous Every 6 months d and shown as EPA ID 12 on The Pl Sample/Measurement Frequency Continuous Continuous Continuous	ans ("VX8373: Samples Collected & Analysed 100.0%	1-1 AND "VX83733 Date Sampled Sep-21 Sep-21	Value 51-2" 03/06/2020 Lowest Sample Value 369 376	EPA REFERENCE Mean of Samples 622 631	Value DOC20/476695 AN Highest Sample Value 789 860	Concentration Limit D DOC20/47669 99 Percentile Concentration Limit	Concentration Limit 5-1). 100 Percentile Concentration Limit	Exceedance (yes/no) No	Not required until 31 October 2021
Note that the pollutant value of the pollutant of the	sep-21 se	Cadmium Flow rate Mercury Moisture Oxygen (O2) Solid Particles Temperature Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and B I Pollutant Nitrogen Oxides Sulfur dioxide	(mg/m3) (m3/s) (m3/s) (mg/m3) (%) (%) (mg/m3) (*C) (mg/m3) (points 4 and 5) marked Unit of Measure (mg/m3) (mg/m3)	Every 6 months Continuous Every 6 months Continuous Continuous Continuous Quarterly Continuous Every 6 months d and shown as EPA ID 12 on The Pl Sample/Measurement Frequency Continuous Continuous Continuous	ans ("VX8373: Samples Collected & Analysed 100.0%	1-1 AND "VX83733 Date Sampled Sep-21 Sep-21	Value 51-2" 03/06/2020 Lowest Sample Value 369 376	EPA REFERENCE Mean of Samples 622 631	Value DOC20/476695 AN Highest Sample Value 789 860	Concentration Limit D DOC20/47669 99 Percentile Concentration Limit	Concentration Limit 5-1). 100 Percentile Concentration Limit	Exceedance (yes/no) No	Not required until 31 October 2021
Month Pollutant Unit of Measure Sample/Measurement Frequency Analysed Date Sampled Value Samples Value Limit Limit (yes/no) Comments No	ep-21	Cadmium Flow rate Mercury Moisture Oxygen (O2) Solid Particles Temperature Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and B I Pollutant Nitrogen Oxides Sulfur dioxide	(mg/m3) (m3/s) (m3/s) (mg/m3) (%) (%) (mg/m3) (*C) (mg/m3) (points 4 and 5) marked Unit of Measure (mg/m3) (mg/m3)	Every 6 months Continuous Every 6 months Continuous Continuous Continuous Quarterly Continuous Every 6 months d and shown as EPA ID 12 on The Pl Sample/Measurement Frequency Continuous Continuous Continuous	ans ("VX8373: Samples Collected & Analysed 100.0%	1-1 AND "VX83733 Date Sampled Sep-21 Sep-21	Value 51-2" 03/06/2020 Lowest Sample Value 369 376	EPA REFERENCE Mean of Samples 622 631	Value DOC20/476695 AN Highest Sample Value 789 860	Concentration Limit D DOC20/47669 99 Percentile Concentration Limit	Concentration Limit 5-1). 100 Percentile Concentration Limit	Exceedance (yes/no) No	Not required until 31 October 2021
Pep-21 Nitrogen Oxides (mg/m3) Continuous 100.0% Sep-21 522 722 915 No No	ep-21	Cadmium Flow rate Mercury Moisture Oxygen (O2) Solid Particles Temperature Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and B I Pollutant Nitrogen Oxides Sulfur dioxide	(mg/m3) (m3/s) (m3/s) (mg/m3) (%) (%) (mg/m3) (*C) (mg/m3) (points 4 and 5) marked Unit of Measure (mg/m3) (mg/m3)	Every 6 months Continuous Every 6 months Continuous Continuous Continuous Quarterly Continuous Every 6 months d and shown as EPA ID 12 on The Pl Sample/Measurement Frequency Continuous Continuous Continuous	ans ("VX8373: Samples Collected & Analysed 100.0% 100.0% Samples Samples	1-1 AND "VX83733 Date Sampled Sep-21 Sep-21	Value 51-2" 03/06/2020 Lowest Sample Value 369 376 51-2" 03/06/2020	EPA REFERENCE Mean of Samples 622 631 EPA REFERENCE I	DOC20/476695 ANI Highest Sample Value 789 860 DOC20/476695 ANI	D DOC20/47669 99 Percentile Concentration Limit	Concentration Limit 5-1). 100 Percentile Concentration Limit 100 Percentile	Exceedance (yes/no) No No	Not required until 31 October 2021
Sulfur dioxide (mg/m3) Continuous 100.0% Sep-21 511 722 926 No	ep-21	Cadmium Flow rate Mercury Moisture Oxygen (O2) Solid Particles Temperature Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and B Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 5 combined exhaust - duct C and D	(mg/m3) (m3/s) (m3/s) (mg/m3) (%) (%) (mg/m3) (°C) (mg/m3) (points 4 and 5) marked (mg/m3) (mg/m3) (mg/m3) (mg/m3) (points 6 and 7) marked	Every 6 months Continuous Every 6 months Continuous Continuous Continuous Quarterly Continuous Every 6 months d and shown as EPA ID 12 on The Pl Sample/Measurement Frequency Continuous Continuous Continuous	ans ("VX83733" Samples Collected & Analysed 100.0% 100.0% Samples Collected &	Date Sampled Sep-21 Sep-21 1-1 AND "VX83735	Value 51-2" 03/06/2020 Lowest Sample 369 376 51-2" 03/06/2020 Lowest Sample	EPA REFERENCE Mean of Samples 622 631 EPA REFERENCE I	DOC20/476695 AN Highest Sample 789 860 DOC20/476695 ANI Highest Sample	D DOC20/47669: D DOC20/47669: D DOC20/47669: D DOC20/47669: D DOC20/47669: D DOC20/47669:	Concentration Limit 5-1). 100 Percentile Concentration Limit 100 Percentile Concentration	Exceedance (yes/no) No No	Not required until 31 October 2021 Comments
Boiler number 6 combined exhaust - duct A and B (points 8 and 9) marked and shownas EPA ID 14 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1). Samples Collected & Date Sample Mean of Pollutant Pollutant Unit of Measure (mg/m3) Continuous 97.6% Sep-21 348 S54 769 No No	ep-21	Cadmium Flow rate Mercury Moisture Oxygen (O2) Solid Particles Temperature Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and B in the substance of the sub	(mg/m3) (m3/s) (m3/s) (mg/m3) (%) (%) (%) (mg/m3) (°C) (mg/m3) (points 4 and 5) marked (mg/m3) (points 6 and 7) marked	Every 6 months Continuous Every 6 months Continuous Continuous Continuous Quarterly Continuous Every 6 months and shown as EPA ID 12 on The Pi Sample/Measurement Frequency Continuous Continuous Sand shown as EPA ID 13 on The Pi Sample/Measurement Frequency Continuous Continuous	ans ("VX83733" Samples Collected & Analysed 100.0% 100.0% Samples Collected & Analysed Analysed	1-1 AND "VX8373: Date Sampled Sep-21 Sep-21 1-1 AND "VX83735 Date Sampled	Value Lowest Sample Value 369 376 51-2" 03/06/2020 Lowest Sample Value Value 409 409 409 409 409 409 409 409 409 409	EPA REFERENCE Mean of Samples 622 631 EPA REFERENCE I	DOC20/476695 ANI Highest Sample Value 789 860 DOC20/476695 ANI Highest Sample Value	D DOC20/47669: D DOC20/47669: D DOC20/47669: D DOC20/47669: D DOC20/47669: D DOC20/47669:	Concentration Limit 5-1). 100 Percentile Concentration Limit 100 Percentile Concentration	Exceedance (yes/no) No No Exceedance (yes/no)	Not required until 31 October 2021 Comments
Samples Collected & Collected & Date Sample Value Sample Value Concentration Exceedance (yes/no) Comments Ep-21 Nitrogen Oxides (mg/m3) Continuous 97.6% Sep-21 348 554 769 No	ep-21 int 12	Cadmium Flow rate Mercury Moisture Oxygen (O2) Solid Particles Temperature Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and B I Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 5 combined exhaust - duct C and D I Pollutant Nitrogen Oxides	(mg/m3) (m3/s) (m3/s) (mg/m3) (%) (%) (%) (mg/m3) (*C) (mg/m3) (*C) (mg/m3) (points 4 and 5) marked (mg/m3) (mg/m3) (points 6 and 7) marked Unit of Measure (mg/m3)	Every 6 months Continuous Every 6 months Continuous Continuous Quarterly Continuous Every 6 months Sample/Measurement Frequency Continuous Continuous Continuous Continuous Continuous Continuous Continuous Continuous Continuous	ans ("VX83735 Samples Collected & Analysed 100.0% Samples Collected & Analysed 100.0% Analysed 100.0%	Date Sampled Sep-21 Sep-21 1-1 AND "VX83735 Date Sampled Sep-21	Value 51-2" 03/06/2020 Lowest Sample Value 369 376 51-2" 03/06/2020 Lowest Sample Value 522	EPA REFERENCE Mean of Samples 622 631 EPA REFERENCE I	DOC20/476695 ANI Highest Sample Value 789 860 DOC20/476695 ANI Highest Sample Value 915	D DOC20/47669: D DOC20/47669: D DOC20/47669: D DOC20/47669: D DOC20/47669: D DOC20/47669:	Concentration Limit 5-1). 100 Percentile Concentration Limit 100 Percentile Concentration	Exceedance (yes/no) No No No No No No No No No	Not required until 31 October 2021 Comments
Samples Collected & Collected	ep-21	Cadmium Flow rate Mercury Moisture Oxygen (O2) Solid Particles Temperature Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and B I Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 5 combined exhaust - duct C and D I Pollutant Nitrogen Oxides	(mg/m3) (m3/s) (m3/s) (mg/m3) (%) (%) (%) (mg/m3) (*C) (mg/m3) (*C) (mg/m3) (points 4 and 5) marked (mg/m3) (mg/m3) (points 6 and 7) marked Unit of Measure (mg/m3)	Every 6 months Continuous Every 6 months Continuous Continuous Quarterly Continuous Every 6 months Sample/Measurement Frequency Continuous Continuous Continuous Continuous Continuous Continuous Continuous Continuous Continuous	ans ("VX83735 Samples Collected & Analysed 100.0% Samples Collected & Analysed 100.0% Analysed 100.0%	Date Sampled Sep-21 Sep-21 1-1 AND "VX83735 Date Sampled Sep-21 Sep-21	Value 51-2" 03/06/2020 Lowest Sample Value 369 376 51-2" 03/06/2020 Lowest Sample Value 522	EPA REFERENCE Mean of Samples 622 631 EPA REFERENCE I	DOC20/476695 ANI Highest Sample Value 789 860 DOC20/476695 ANI Highest Sample Value 915	D DOC20/47669: D DOC20/47669: D DOC20/47669: D DOC20/47669: D DOC20/47669: D DOC20/47669:	Concentration Limit 5-1). 100 Percentile Concentration Limit 100 Percentile Concentration	Exceedance (yes/no) No No No No No No No No No	Not required until 31 October 2021 Comments
Collected & Lowest Sample Mean of Highest Sample Concentration Concentration Concentration Concentration Concentration (yes/no) Comments Pollutant Unit of Measure Sample/Measurement Frequency Analysed Date Sampled Value Samples Value Limit Limit (yes/no) Comments Pollutant Unit of Measure Pollutant Unit of Measure Sample/Measurement Frequency Analysed Date Sampled Value Samples Value Limit No No	ep-21	Cadmium Flow rate Mercury Moisture Oxygen (O2) Solid Particles Temperature Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and B i Pollutant Nitrogen Oxides Sulfur dioxide Pollutant Nitrogen Oxides Sulfur dioxide Sulfur dioxide	(mg/m3) (m3/s) (m3/s) (mg/m3) (%) (%) (%) (mg/m3) (°C) (mg/m3) (points 4 and 5) marked (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (points 6 and 7) marked	Every 6 months Continuous Every 6 months Continuous Continuous Continuous Quarterly Continuous Every 6 months and shown as EPA ID 12 on The Pi Sample/Measurement Frequency Continuous	ans ("VX83733" Samples Collected & Analysed 100.0% 2 Samples Collected & Analysed 100.0% 100.0% 100.0%	Date Sampled Sep-21 Sep-21 Date Sampled Sep-21 Sep-21 Sep-21 Sep-21 Sep-21	Value Lowest Sample Value 369 376 51-2" 03/06/2020 Lowest Sample Value 522 511	Samples EPA REFERENCE Mean of Samples 622 631 EPA REFERENCE I Mean of Samples 722 722	Highest Sample 789 860 OC20/476695 ANI Highest Sample Value 915 926	D DOC20/47669 99 Percentile Concentration Limit D DOC20/47669 99 Percentile Concentration Limit	Concentration Limit 5-1). 100 Percentile Concentration Limit 100 Percentile Concentration Limit	Exceedance (yes/no) No No No No No No No No No	Not required until 31 October 2021 Comments
Collected & Lowest Sample Mean of Highest Sample Concentration Concentration Concentration Concentration Concentration (yes/no) Comments Pollutant Unit of Measure Sample/Measurement Frequency Analysed Date Sampled Value Samples Value Limit Limit (yes/no) Comments Pollutant Unit of Measure Sample Measurement Frequency Analysed Date Sampled Value Samples Value Limit No	ep-21	Cadmium Flow rate Mercury Moisture Oxygen (O2) Solid Particles Temperature Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and B i Pollutant Nitrogen Oxides Sulfur dioxide Pollutant Nitrogen Oxides Sulfur dioxide Sulfur dioxide	(mg/m3) (m3/s) (m3/s) (mg/m3) (%) (%) (%) (mg/m3) (°C) (mg/m3) (points 4 and 5) marked (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (points 6 and 7) marked	Every 6 months Continuous Every 6 months Continuous Continuous Continuous Quarterly Continuous Every 6 months and shown as EPA ID 12 on The Pi Sample/Measurement Frequency Continuous	ans ("VX83733" Samples Collected & Analysed 100.0% 2 Samples Collected & Analysed 100.0% 100.0% 100.0%	Date Sampled Sep-21 Sep-21 Date Sampled Sep-21 Sep-21 Sep-21 Sep-21 Sep-21	Value Lowest Sample Value 369 376 51-2" 03/06/2020 Lowest Sample Value 522 511	Samples EPA REFERENCE Mean of Samples 622 631 EPA REFERENCE I Mean of Samples 722 722	Highest Sample 789 860 OC20/476695 ANI Highest Sample Value 915 926	D DOC20/47669 99 Percentile Concentration Limit D DOC20/47669 99 Percentile Concentration Limit	Concentration Limit 5-1). 100 Percentile Concentration Limit 100 Percentile Concentration Limit	Exceedance (yes/no) No No No No No No No No No	Not required until 31 October 2021 Comments
Month Pollutant Unit of Measure Sample/Measurement Frequency Analysed Date Samples Value Limit Limit (yes/no) Comments ep-21 Nitrogen Oxides (mg/m3) Continuous 97.6% Sep-21 348 554 769 No	ep-21	Cadmium Flow rate Mercury Moisture Oxygen (O2) Solid Particles Temperature Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and B i Pollutant Nitrogen Oxides Sulfur dioxide Pollutant Nitrogen Oxides Sulfur dioxide Sulfur dioxide	(mg/m3) (m3/s) (m3/s) (mg/m3) (%) (%) (%) (mg/m3) (°C) (mg/m3) (points 4 and 5) marked (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (points 6 and 7) marked	Every 6 months Continuous Every 6 months Continuous Continuous Continuous Quarterly Continuous Every 6 months and shown as EPA ID 12 on The Pi Sample/Measurement Frequency Continuous	Analysed ans ("VX8373: Samples Collected & Analysed 100.0% 100.0% Samples Collected & Analysed 100.0% 100.0% 100.0% 100.0% 100.0%	Date Sampled Sep-21 Sep-21 Date Sampled Sep-21 Sep-21 Sep-21 Sep-21 Sep-21	Value Lowest Sample Value 369 376 51-2" 03/06/2020 Lowest Sample Value 522 511	Samples EPA REFERENCE Mean of Samples 622 631 EPA REFERENCE I Mean of Samples 722 722	Highest Sample 789 860 OC20/476695 ANI Highest Sample Value 915 926	D DOC20/476699 D DOC20/476699 D DOC20/476699 D DOC20/476699	5-1). 100 Percentile Concentration Limit 100 Percentile Concentration Limit 5-1).	Exceedance (yes/no) No No No No No No No No No	Not required until 31 October 2021 Comments
ep-21 Nitrogen Oxides (mg/m3) Continuous 97.6% Sep-21 348 554 769 No	ep-21 iNT 12 int 13 int 14 ep-21 ep-21 ep-21	Cadmium Flow rate Mercury Moisture Oxygen (O2) Solid Particles Temperature Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and B i Pollutant Nitrogen Oxides Sulfur dioxide Pollutant Nitrogen Oxides Sulfur dioxide Sulfur dioxide	(mg/m3) (m3/s) (m3/s) (mg/m3) (%) (%) (%) (mg/m3) (°C) (mg/m3) (points 4 and 5) marked (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (points 6 and 7) marked	Every 6 months Continuous Every 6 months Continuous Continuous Continuous Quarterly Continuous Every 6 months and shown as EPA ID 12 on The Pi Sample/Measurement Frequency Continuous	ans ("VX83733" Samples Collected & Analysed 100.0% 100.0% 100.0% 100.0% samples Collected & Analysed 100.0% Samples Samples Samples Samples Samples Samples Samples Samples	Date Sampled Sep-21 Sep-21 Date Sampled Sep-21 Sep-21 Sep-21 Sep-21 Sep-21	Value Lowest Sample Value 369 376 31-2" 03/06/2020 Lowest Sample Value 522 511 31-2" 03/06/2020	Samples EPA REFERENCE Mean of Samples 622 631 EPA REFERENCE I Mean of Samples 722 722 EPA REFERENCE I	Highest Sample Value 789 860 DOC20/476695 ANI Highest Sample Value 915 926 DOC20/476695 ANI	D DOC20/47669 99 Percentile Concentration Limit D DOC20/47669: 99 Percentile Concentration Limit D DOC20/47669: 99 Percentile	Concentration Limit 5-1). 100 Percentile Concentration Limit 100 Percentile Concentration Limit 100 Percentile	Exceedance (yes/no) No No No No	Not required until 31 October 2021 Comments
	ep-21	Cadmium Flow rate Mercury Moisture Oxygen (O2) Solid Particles Temperature Type 1 and Type 2 substances in aggregate Boller number 5 combined exhaust - duct A and B I Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 5 combined exhaust - duct C and D I Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 6 combined exhaust - duct A and B I	(mg/m3) (m3/s) (m3/s) (mg/m3) (%) (%) (%) (mg/m3) (*C) (mg/m3) (*C) (mg/m3) (points 4 and 5) marked (mg/m3) (mg/m3) (mg/m3) (points 6 and 7) marked (mg/m3) (points 6 and 7) marked	Every 6 months Continuous Every 6 months Continuous Continuous Quarterly Continuous Every 6 months Gand shown as EPA ID 12 on The Plate II and shown as EPA ID 13 on The Plate II and shown as EPA ID 13 on The Plate II and shown as EPA ID 13 on The Plate II and shown as EPA ID 13 on The Plate II and shown as EPA ID 13 on The Plate II and shown as EPA ID 13 on The Plate II and shown as EPA ID 14 on The Plat	ans ("VX83733" Samples Collected & Analysed 100.0% 100.0% 100.0% 100.0% 100.0% Samples Collected & Analysed 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%	Date Sampled Sep-21 Sep-21 1-1 AND "VX83735 Date Sampled Sep-21 Sep-21 Sep-21 Sep-21 1-1 AND "VX83735	Value 51-2" 03/06/2020 Lowest Sample Value 369 376 51-2" 03/06/2020 Lowest Sample Value 522 511 51-2" 03/06/2020 Lowest Sample	EPA REFERENCE I Mean of Samples 622 631 EPA REFERENCE I Mean of Samples 722 722 EPA REFERENCE I	Highest Sample Value 789 860 OC20/476695 ANI Highest Sample Value 915 926 OC20/476695 ANI Highest Sample Walue	D DOC20/47669 99 Percentile Concentration Limit D DOC20/47669 99 Percentile Concentration Limit D DOC20/476699 99 Percentile Concentration Limit C DOC20/476699 99 Percentile Concentration	Concentration Limit 5-1). 100 Percentile Concentration Limit 5-1). 100 Percentile Concentration Limit	Exceedance (yes/no) No No No No No Exceedance (yes/no) No No Exceedance (yes/no)	Not required until 31 October 2021 Comments Comments
24 Cultivationide /u/w-2) Cardinava 07 CO/ Cardinava 07	ep-21 int 12 Month ep-21 ep-21 ep-21 ep-21 ep-21 Month ep-21 ep-21	Cadmium Flow rate Mercury Moisture Oxygen (O2) Solid Particles Temperature Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and B I Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 5 combined exhaust - duct C and D I Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 5 combined exhaust - duct C and D I Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 6 combined exhaust - duct A and B I Pollutant	(mg/m3) (m3/s) (m3/s) (mg/m3) (%) (%) (mg/m3) (*C) (mg/m3) (points 4 and 5) marked (mg/m3) (mg/m3) (mg/m3) (points 6 and 7) marked (mg/m3) (points 8 and 9) marked	Every 6 months Continuous Every 6 months Continuous Continuous Continuous Quarterly Continuous Every 6 months d and shown as EPA ID 12 on The Pla Sample/Measurement Frequency Continuous Continuous Continuous Continuous d and shown as EPA ID 13 on The Pla Sample/Measurement Frequency Continuous Continuous Continuous Continuous Continuous Continuous Continuous Continuous Continuous	ans ("VX83735" Samples Collected & Analysed 100.0% 100.0% Samples Collected & Analysed 100.0% 100.0% Samples Collected & Analysed 100.0% Collected & Analysed Analysed	Date Sampled Sep-21 Sep-21 L-1 AND "VX83735 Date Sampled Sep-21 Sep-21 Sep-21 Sep-21 Date Sampled Sep-21 Sep-21	Value 51-2" 03/06/2020 Lowest Sample Value 369 376 51-2" 03/06/2020 Lowest Sample Value 522 521 51-2" 03/06/2020 Lowest Sample Value	EPA REFERENCE I Mean of Samples 622 631 EPA REFERENCE I Mean of Samples 722 722 EPA REFERENCE I	DOC20/476695 ANI Highest Sample Value 789 860 DOC20/476695 ANI Highest Sample Value 915 926 DOC20/476695 ANI Highest Sample Value	D DOC20/47669 99 Percentile Concentration Limit D DOC20/47669 99 Percentile Concentration Limit D DOC20/476699 99 Percentile Concentration Limit C DOC20/476699 99 Percentile Concentration	Concentration Limit 5-1). 100 Percentile Concentration Limit 5-1). 100 Percentile Concentration Limit	Exceedance (yes/no) No No Exceedance (yes/no) No No Exceedance (yes/no) No	Not required until 31 October 2021 Comments Comments
	Sep-21 Sep-21 Sep-21 Sep-21 Sep-21 Sep-21 Sep-21	Cadmium Flow rate Mercury Moisture Oxygen (O2) Solid Particles Temperature Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and B I Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 5 combined exhaust - duct C and D I Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 5 combined exhaust - duct C and D I Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 6 combined exhaust - duct A and B I Pollutant	(mg/m3) (m3/s) (m3/s) (mg/m3) (%) (%) (mg/m3) (*C) (mg/m3) (points 4 and 5) marked (mg/m3) (mg/m3) (mg/m3) (points 6 and 7) marked (mg/m3) (points 8 and 9) marked	Every 6 months Continuous Every 6 months Continuous Continuous Continuous Quarterly Continuous Every 6 months d and shown as EPA ID 12 on The Pla Sample/Measurement Frequency Continuous Continuous Continuous d and shown as EPA ID 13 on The Pla Sample/Measurement Frequency Continuous Continuous d and shown as EPA ID 13 on The Pla Sample/Measurement Frequency Continuous Continuous Continuous Continuous Continuous Continuous	ans ("VX83735" Samples Collected & Analysed 100.0% 100.0% Samples Collected & Analysed 100.0% 100.0% Samples Collected & Analysed 100.0% Collected & Analysed Analysed	Date Sampled Sep-21 Sep-21 L-1 AND "VX83735 Date Sampled Sep-21 Sep-21 Sep-21 Sep-21 Date Sampled Sep-21 Sep-21	Value 51-2" 03/06/2020 Lowest Sample Value 369 376 51-2" 03/06/2020 Lowest Sample Value 522 521 51-2" 03/06/2020 Lowest Sample Value	EPA REFERENCE I Mean of Samples 622 631 EPA REFERENCE I Mean of Samples 722 722 EPA REFERENCE I	DOC20/476695 ANI Highest Sample Value 789 860 DOC20/476695 ANI Highest Sample Value 915 926 DOC20/476695 ANI Highest Sample Value	D DOC20/47669 99 Percentile Concentration Limit D DOC20/47669 99 Percentile Concentration Limit D DOC20/476699 99 Percentile Concentration Limit C DOC20/476699 99 Percentile Concentration	Concentration Limit 5-1). 100 Percentile Concentration Limit 5-1). 100 Percentile Concentration Limit	Exceedance (yes/no) No No Exceedance (yes/no) No No Exceedance (yes/no) No	Not required until 31 October 2021 Comments Comments

POINT 15	Boiler number 6 combined exhaust - duct C and D (po	ints 10 and 11) mark	ed and shownas EPA ID 12 on The	Plans ("VX837	351-1 AND "VX837	351-2" 03/06/202	O EPA REFERENC	E DOC20/476695 A	ND DOC20/4766	595-1).		
				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
Sep-21	Nitrogen Oxides	(mg/m3)	Continuous	99.1%	Sep-21	300	649	1080			No	
Sep-21	Sulfur dioxide	(mg/m3)	Continuous	99.1%	Sep-21	375	616	705			No	

POINT 22	Discharge of cooling water from the cooling water outlet canal to Wyee Bay marked and shown as EPA ID 22 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).												
				Samples					97 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	
Sep-21	Chlorine (free residual)	(mg/L)	Monthly during discharge	1	28/09/2021	<0.1	<0.1	<0.1		0.2	No		
Sep-21	Copper	(mg/L)	Monthly during discharge	1	28/09/2021	0.004	0.004	0.004		0.005	No		
Sep-21	Iron	(mg/L)	Monthly during discharge	1	28/09/2021	0.177	0.177	0.177		0.3	No		
Sep-21	Oil and Grease	Visible	Continuous during discharge	100%	Sep-21	NIL	NIL	NIL					
Sep-21	Selenium	(mg/L)	Monthly during discharge	1	28/09/2021	<0.002	<0.002	< 0.002		0.005	No		
Sep-21	Temperature	(°C)	Continuous during discharge	100%	Sep-21	19.8	23.1	28.1	35	37.5	No	_	

POINT 23													
				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	
Sep-21	Aluminium	(mg/L)	Monthly during discharge	1	28/09/2021	0.028	0.028	0.028					
Sep-21	Ammonia	(mg/L)	Monthly during discharge	1	28/09/2021	0.10	0.10	0.10					
Sep-21	Arsenic (III)	(mg/L)	Monthly during discharge	1	28/09/2021	< 0.005	< 0.005	< 0.005					
Sep-21	Arsenic (V)	(mg/L)	Monthly during discharge	1	28/09/2021	< 0.005	< 0.005	< 0.005					
Sep-21	Cadmium	(mg/L)	Monthly during discharge	1	28/09/2021	<0.0002	< 0.0002	< 0.0002					
Sep-21	Chromium (trivalent)	(mg/L)	Monthly during discharge	1	28/09/2021	< 0.001	< 0.001	< 0.001					
Sep-21	Chromium (VI) Compounds	(mg/L)	Monthly during discharge	1	28/09/2021	0.026	0.026	0.026					
Sep-21	Copper	(mg/L)	Monthly during discharge	1	28/09/2021	< 0.001	< 0.001	< 0.001					
Sep-21	Iron	(mg/L)	Monthly during discharge	1	28/09/2021	0.05	0.05	0.05					
Sep-21	Lead	(mg/L)	Monthly during discharge	1	28/09/2021	<0.0002	< 0.0002	< 0.0002					
Sep-21	Manganese	(mg/L)	Monthly during discharge	1	28/09/2021	0.0046	0.0046	0.0046					
Sep-21	Nickel	(mg/L)	Monthly during discharge	1	28/09/2021	< 0.0005	< 0.0005	< 0.0005					
Sep-21	Nitrate + nitrite (oxidised nitrogen)	(mg/L)	Monthly during discharge	1	28/09/2021	0.23	0.23	0.23					
Sep-21	Nitrogen	(mg/L)	Monthly during discharge	1	28/09/2021	<0.1	<0.1	<0.1					
Sep-21	рН	pH	Monthly during discharge	1	28/09/2021	7.40	7.40	7.40		6.5 - 9.5	No		
Sep-21	Phosphorus	(mg/L)	Monthly during discharge	1	28/09/2021	< 0.10	< 0.10	< 0.10					
Sep-21	Reactive Phosphorus	(mg/L)	Monthly during discharge	1	28/09/2021	0.02	0.02	0.02					
Sep-21	Selenium	(mg/L)	Monthly during discharge	1	28/09/2021	0.092	0.092	0.092					
Sep-21	Total Kjeldahl Nitrogen	(mg/L)	Monthly during discharge	1	28/09/2021	<0.1	<0.1	<0.1					
Sep-21	Total Suspended Solids	(mg/L)	Monthly during discharge	1	28/09/2021	1	1	1		50	No		
Sep-21	Vanadium	(mg/L)	Monthly during discharge	1	28/09/2021	0.0763	0.0763	0.0763					
Sep-21	Zinc	(mg/L)	Monthly during discharge	1	28/09/2021	< 0.005	< 0.005	< 0.005					

POINT 24												
				Samples					Discharge	100 Percentile		
				Collected &		Lowest Sample	Mean of	Highest Sample	(yes/no)	Concentration	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	(yes/110)	Limit	(yes/no)	Comments
Sep-21	Aluminium	(mg/L)	Monthly during discharge	1	28/09/2021				No			
Sep-21	Ammonia	(mg/L)	Monthly during discharge	1	28/09/2021				No			
Sep-21	Arsenic (III)	(mg/L)	Monthly during discharge	1	28/09/2021				No			
Sep-21	Arsenic (V)	(mg/L)	Monthly during discharge	1	28/09/2021				No			
Sep-21	Cadmium	(mg/L)	Monthly during discharge	1	28/09/2021				No			
Sep-21	Chromium (trivalent)	(mg/L)	Monthly during discharge	1	28/09/2021				No			
Sep-21	Chromium (VI) Compounds	(mg/L)	Monthly during discharge	1	28/09/2021				No			
Sep-21	Copper	(mg/L)	Monthly during discharge	1	28/09/2021				No			
Sep-21	Iron	(mg/L)	Monthly during discharge	1	28/09/2021				No			
Sep-21	Lead	(mg/L)	Monthly during discharge	1	28/09/2021				No			No discharge from EPA Point 24 during September 2021
Sep-21	Manganese	(mg/L)	Monthly during discharge	1	28/09/2021				No			
Sep-21	Nickel	(mg/L)	Monthly during discharge	1	28/09/2021				No			
Sep-21	Nitrate + nitrite (oxidised nitrogen)	(mg/L)	Monthly during discharge	1	28/09/2021				No			
Sep-21	Nitrogen	(mg/L)	Monthly during discharge	1	28/09/2021				No			
Sep-21	рН	pН	Monthly during discharge	1	28/09/2021				No	6.5 - 9.5	No	
Sep-21	Phosphorus	(mg/L)	Monthly during discharge	1	28/09/2021				No			
Sep-21	Reactive Phosphorus	(mg/L)	Monthly during discharge	1	28/09/2021				No			
Sep-21	Selenium	(mg/L)	Monthly during discharge	1	28/09/2021				No			
Sep-21	Total Kjeldahl Nitrogen	(mg/L)	Monthly during discharge	1	28/09/2021				No			_
Sep-21	Total Suspended Solids	(mg/L)	Monthly during discharge	1	28/09/2021				No	50	No	
Sep-21	Vanadium	(mg/L)	Monthly during discharge	1	28/09/2021				No			
Sep-21	Zinc	(mg/L)	Monthly during discharge	1	28/09/2021				No			_

POINT 25												
				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	(yes/110)	Limit	(yes/no)	Comments
Sep-21	Aluminium	(mg/L)	Daily for any discharge >2 hrs						No			
Sep-21	Ammonia	(mg/L)	Daily for any discharge >2 hrs						No			
Sep-21	Arsenic (III)	(mg/L)	Daily for any discharge >2 hrs						No			
Sep-21	Arsenic (V)	(mg/L)	Daily for any discharge >2 hrs						No			
Sep-21	Cadmium	(mg/L)	Daily for any discharge >2 hrs						No			
Sep-21	Chromium (trivalent)	(mg/L)	Daily for any discharge >2 hrs						No			
Sep-21	Chromium (VI) Compounds	(mg/L)	Daily for any discharge >2 hrs						No			
Sep-21	Copper	(mg/L)	Daily for any discharge >2 hrs						No			
Sep-21	Iron	(mg/L)	Daily for any discharge >2 hrs						No			
Sep-21	Lead	(mg/L)	Daily for any discharge >2 hrs						No			
Sep-21	Manganese	(mg/L)	Daily for any discharge >2 hrs						No			
Sep-21	Nickel	(mg/L)	Daily for any discharge >2 hrs						No			No discharge from EPA Point 25 during September 2021
Sep-21	Nitrate + nitrite (oxidised nitrogen)	(mg/L)	Daily for any discharge >2 hrs						No			
Sep-21	Nitrogen	(mg/L)	Daily for any discharge >2 hrs						No			
Sep-21	pH	pH	Daily for any discharge >2 hrs						No	6.5 - 9.5	No	
Sep-21	Phosphorus	(mg/L)	Daily for any discharge >2 hrs						No			
Sep-21	Reactive Phosphorus	(mg/L)	Daily for any discharge >2 hrs						No			
Sep-21	Selenium	(mg/L)	Daily for any discharge >2 hrs						No			
Sep-21	Total Kjeldahl Nitrogen	(mg/L)	Daily for any discharge >2 hrs						No			
Sep-21	Total Suspended Solids	(mg/L)	Daily for any discharge >2 hrs						No	50	No	
Sep-21	Vanadium	(mg/L)	Daily for any discharge >2 hrs						No			
Sep-21	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	
Sep-21	Aluminium	(mg/L)	Quarterly	1	28/09/2021	0.018	0.018	0.018					
Sep-21	Ammonia	(mg/L)	Quarterly	1	28/09/2021	1.07	1.07	1.07					
Sep-21	Arsenic (III)	(mg/L)	Quarterly	1	28/09/2021	< 0.0005	<0.0005	< 0.0005				<u> </u>	
Sep-21	Arsenic (V)	(mg/L)	Quarterly	1	28/09/2021	< 0.0005	<0.0005	< 0.0005					
Sep-21	Cadmium	(mg/L)	Quarterly	1	28/09/2021	< 0.0002	< 0.0002	< 0.0002					
Sep-21	Chromium (trivalent)	(mg/L)	Quarterly	1	28/09/2021	< 0.001	< 0.001	< 0.001					
Sep-21	Chromium (VI) Compounds	(mg/L)	Quarterly	1	28/09/2021	< 0.01	< 0.01	< 0.01					
Sep-21	Copper	(mg/L)	Quarterly	1	28/09/2021	0.005	0.005	0.005					
Sep-21	Electrical Conductivity	(us/cm)	Quarterly	1	28/09/2021	35600	35600	35600					
Sep-21	Iron	(mg/L)	Quarterly	1	28/09/2021	69.1	69.1	69.1					
Sep-21	Lead	(mg/L)	Quarterly	1	28/09/2021	0.0003	0.0003	0.0003					
Sep-21	Magnesium	(mg/L)	Quarterly	1	28/09/2021	789	789	789					
Sep-21	Manganese	(mg/L)	Quarterly	1	28/09/2021	4.29	4.29	4.29					
Sep-21	Nickel	(mg/L)	Quarterly	1	28/09/2021	0.0206	0.0206	0.0206					
Sep-21	pH	pH	Quarterly	1	28/09/2021	5.88	5.88	5.88					
Sep-21	Potassium	(mg/L)	Quarterly	1	28/09/2021	104	104	104					
Sep-21	Selenium	(mg/L)	Quarterly	1	28/09/2021	< 0.002	< 0.002	< 0.002					
Sep-21	Sodium	(mg/L)	Quarterly	1	28/09/2021	5750	5750	5750					
Sep-21	Standing Water Level	(m)	Quarterly	1	28/09/2021	3.85	3.85	3.85					
Sep-21	Vanadium	(mg/L)	Quarterly	1	28/09/2021	< 0.0005	<0.0005	< 0.0005					
Sep-21	Zinc	(mg/L)	Quarterly	1	28/09/2021	0.006	0.006	0.006					

POINT 31	Groundwater quality monitorin	ng bore marked and shown as EPA ID 31 on The Plans	("VX837351-1 AND "VX837351-2"	03/06/2020 EPA REFERENCE DOC20/4	476695 AND DOC20/476695-1).
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POINT 31	Groundwater quality monitoring bore marked and sit	OWIT US ET A ID ST OF	THE Halls (VAOSTSSI-I AIVD VAC		00/ 2020 ET A REI E	KENCE DOCEO/ 470	OJJ AND DOCEO	470055-17.		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
Sep-21	Aluminium	(mg/L)	Quarterly	1	28/09/2021	0.49	0.49	0.49				
Sep-21	Ammonia	(mg/L)	Quarterly	1	28/09/2021	0.13	0.13	0.13				
Sep-21	Arsenic (III)	(mg/L)	Quarterly	1	28/09/2021	< 0.005	< 0.005	< 0.005				
Sep-21	Arsenic (V)	(mg/L)	Quarterly	1	28/09/2021	< 0.005	< 0.005	< 0.005				
Sep-21	Cadmium	(mg/L)	Quarterly	1	28/09/2021	0.00024	0.00024	0.00024				
Sep-21	Chromium (trivalent)	(mg/L)	Quarterly	1	28/09/2021	< 0.001	< 0.001	< 0.001				
Sep-21	Chromium (VI) Compounds	(mg/L)	Quarterly	1	28/09/2021	< 0.001	< 0.001	< 0.001				
Sep-21	Copper	(mg/L)	Quarterly	1	28/09/2021	0.0104	0.0104	0.0104				
Sep-21	Electrical Conductivity	(us/cm)	Quarterly	1	28/09/2021	3650	3650	3650				
Sep-21	Iron	(mg/L)	Quarterly	1	28/09/2021	4.47	4.47	4.47				
Sep-21	Lead	(mg/L)	Quarterly	1	28/09/2021	0.0026	0.0026	0.0026				
Sep-21	Magnesium	(mg/L)	Quarterly	1	28/09/2021	60	60	60				
Sep-21	Manganese	(mg/L)	Quarterly	1	28/09/2021	0.437	0.437	0.437				
Sep-21	Nickel	(mg/L)	Quarterly	1	28/09/2021	0.0114	0.0114	0.0114				
Sep-21	pH	pH	Quarterly	1	28/09/2021	5.89	5.89	5.89				
Sep-21	Potassium	(mg/L)	Quarterly	1	28/09/2021	8	8	8				
Sep-21	Selenium	(mg/L)	Quarterly	1	28/09/2021	0.0006	0.0006	0.0006				
Sep-21	Sodium	(mg/L)	Quarterly	1	28/09/2021	556	556	556				_
Sep-21	Standing Water Level	(m)	Quarterly	1	28/09/2021	0.73	0.73	0.73				
Sep-21	Vanadium	(mg/L)	Quarterly	1	28/09/2021	0.001	0.001	0.001				_
Sep-21	Zinc	(mg/L)	Quarterly	1	28/09/2021	3.12	3.12	3.12				

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	
Sep-21	Aluminium	(mg/L)	Quarterly	1	28/09/2021	1.42	1.42	1.42					
Sep-21	Ammonia	(mg/L)	Quarterly	1	28/09/2021	0.04	0.04	0.04					
Sep-21	Arsenic (III)	(mg/L)	Quarterly	1	28/09/2021	< 0.0005	<0.0005	< 0.0005					
Sep-21	Arsenic (V)	(mg/L)	Quarterly	1	28/09/2021	0.0010	0.0010	0.0010					
Sep-21	Cadmium	(mg/L)	Quarterly	1	28/09/2021	< 0.00005	<0.00005	< 0.00005					
Sep-21	Chromium (trivalent)	(mg/L)	Quarterly	1	28/09/2021	< 0.001	<0.001	< 0.001					
Sep-21	Chromium (VI) Compounds	(mg/L)	Quarterly	1	28/09/2021	0.008	0.008	0.008					
Sep-21	Copper	(mg/L)	Quarterly	1	28/09/2021	0.0046	0.0046	0.0046					
Sep-21	Electrical Conductivity	(us/cm)	Quarterly	1	28/09/2021	408	408	408					
Sep-21	Iron	(mg/L)	Quarterly	1	28/09/2021	5.92	5.92	5.92					
Sep-21	Lead	(mg/L)	Quarterly	1	28/09/2021	0.0012	0.0012	0.0012					
Sep-21	Magnesium	(mg/L)	Quarterly	1	28/09/2021	10	10	10					
Sep-21	Manganese	(mg/L)	Quarterly	1	28/09/2021	0.0878	0.0878	0.0878					
Sep-21	Nickel	(mg/L)	Quarterly	1	28/09/2021	0.003	0.003	0.003					
Sep-21	pH	pН	Quarterly	1	28/09/2021	6.33	6.33	6.33					
Sep-21	Potassium	(mg/L)	Quarterly	1	28/09/2021	2	2	2					
Sep-21	Selenium	(mg/L)	Quarterly	1	28/09/2021	0.0002	0.0002	0.0002					
Sep-21	Sodium	(mg/L)	Quarterly	1	28/09/2021	60	60	60					
Sep-21	Standing Water Level	(m)	Quarterly	1	28/09/2021	2.64	2.64	2.64					
Sep-21	Vanadium	(mg/L)	Quarterly	1	28/09/2021	0.0018	0.0018	0.0018					
Sep-21	Zinc	(mg/L)	Quarterly	1	28/09/2021	0.006	0.006	0.006					

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).
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				Samples Collected &		Lowest Sample	Mean of	Highest Sample		100 Percentile	Evenodance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Sep-21	Aluminium	(mg/L)	Quarterly	1	28/09/2021	0.12	0.12	0.12			,, ., .,	
Sep-21	Ammonia	(mg/L)	Quarterly	1	28/09/2021	0.58	0.58	0.58				
Sep-21	Arsenic (III)	(mg/L)	Quarterly	1	28/09/2021	< 0.005	<0.005	< 0.005				
Sep-21	Arsenic (V)	(mg/L)	Quarterly	1	28/09/2021	< 0.005	<0.005	< 0.005				
Sep-21	Cadmium	(mg/L)	Quarterly	1	28/09/2021	< 0.0002	<0.0002	<0.0002				
Sep-21	Chromium (trivalent)	(mg/L)	Quarterly	1	28/09/2021	< 0.001	<0.001	< 0.001				
Sep-21	Chromium (VI) Compounds	(mg/L)	Quarterly	1	28/09/2021	0.002	0.002	0.002				
Sep-21	Copper	(mg/L)	Quarterly	1	28/09/2021	0.004	0.004	0.004				
Sep-21	Electrical Conductivity	(us/cm)	Quarterly	1	28/09/2021	48100	48100	48100				
Sep-21	Iron	(mg/L)	Quarterly	1	28/09/2021	74	74	74				
Sep-21	Lead	(mg/L)	Quarterly	1	28/09/2021	0.0004	0.0004	0.0004				
Sep-21	Magnesium	(mg/L)	Quarterly	1	28/09/2021	1120	1120	1120				
Sep-21	Manganese	(mg/L)	Quarterly	1	28/09/2021	0.308	0.308	0.308				
Sep-21	Nickel	(mg/L)	Quarterly	1	28/09/2021	0.0035	0.0035	0.0035				
Sep-21	pH	pН	Quarterly	1	28/09/2021	6.06	6.06	6.06				
Sep-21	Potassium	(mg/L)	Quarterly	1	28/09/2021	275	275	275				
Sep-21	Selenium	(mg/L)	Quarterly	1	28/09/2021	< 0.002	<0.002	< 0.002				
Sep-21	Sodium	(mg/L)	Quarterly	1	28/09/2021	9040	9040	9040				
Sep-21	Standing Water Level	(m)	Quarterly	1	28/09/2021	0.06	0.06	0.06				
Sep-21	Vanadium	(mg/L)	Quarterly	1	28/09/2021	0.0034	0.0034	0.0034				
Sep-21	Zinc	(mg/L)	Quarterly	1	28/09/2021	0.016	0.016	0.016				

POINT 34													
				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	
Sep-21	Aluminium	(mg/L)	Quarterly	1	28/09/2021	0.23	0.23	0.23					
Sep-21	Ammonia	(mg/L)	Quarterly	1	28/09/2021	< 0.01	< 0.01	< 0.01					
Sep-21	Arsenic (III)	(mg/L)	Quarterly	1	28/09/2021	< 0.0005	< 0.0005	< 0.0005					
Sep-21	Arsenic (V)	(mg/L)	Quarterly	1	28/09/2021	< 0.0005	<0.0005	< 0.0005					
Sep-21	Cadmium	(mg/L)	Quarterly	1	28/09/2021	< 0.00005	< 0.00005	< 0.00005					
Sep-21	Chromium (trivalent)	(mg/L)	Quarterly	1	28/09/2021	< 0.001	< 0.001	< 0.001					
Sep-21	Chromium (VI) Compounds	(mg/L)	Quarterly	1	28/09/2021	< 0.001	< 0.001	< 0.001					
Sep-21	Copper	(mg/L)	Quarterly	1	28/09/2021	0.0032	0.0032	0.0032					
Sep-21	Electrical Conductivity	(us/cm)	Quarterly	1	28/09/2021	801	801	801					
Sep-21	Iron	(mg/L)	Quarterly	1	28/09/2021	1.45	1.45	1.45					
Sep-21	Lead	(mg/L)	Quarterly	1	28/09/2021	0.0006	0.0006	0.0006					
Sep-21	Magnesium	(mg/L)	Quarterly	1	28/09/2021	12	12	12					
Sep-21	Manganese	(mg/L)	Quarterly	1	28/09/2021	0.0756	0.0756	0.0756					
Sep-21	Nickel	(mg/L)	Quarterly	1	28/09/2021	0.0053	0.0053	0.0053					
Sep-21	рН	pН	Quarterly	1	28/09/2021	5.95	5.95	5.95					
Sep-21	Potassium	(mg/L)	Quarterly	1	28/09/2021	3	3	3					
Sep-21	Selenium	(mg/L)	Quarterly	1	28/09/2021	< 0.0002	< 0.0002	< 0.0002					
Sep-21	Sodium	(mg/L)	Quarterly	1	28/09/2021	130	130	130					
Sep-21	Standing Water Level	(m)	Quarterly	1	28/09/2021	-0.02	-0.02	-0.02					
Sep-21	Vanadium	(mg/L)	Quarterly	1	28/09/2021	0.0009	0.0009	0.0009					
Sep-21	Zinc	(mg/L)	Quarterly	1	28/09/2021	0.024	0.024	0.024					

GENERAL COMMENTS