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	February 2021	
ADDRESS	VALES ROAD, MANNERING PARK NSW	_

(mg/m3)

(mg/m3)

Every 6 months

Every 6 months

Type 1 and Type 2 substances in aggregate

VOC's as n-propane equivalent

Feb-21

Feb-21



0.75

10

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). POINT 2 99 Percentile 100 Percentile Unit of Measure Month Pollutant Analysed Date Sampled Value Value Limit Limit (yes/no) Feb-21 Cadmium (mg/m3) Every 6 months 0.2 No Feb-21 Chlorine (mg/m3) Every 6 months 20 Feb-21 (mg/m3) Every 6 months 30 Feh-21 Every 6 months 50 Hydrogen chloride (mg/m3) Feb-21 Mercury (mg/m3) Every 6 months 0.05 No 100% Feb-21 513 651 1100 1500 No Feb-21 Nitrogen Oxides (mg/m3) Continuous 376 Feb-21 Solid Particles (mg/m3) Feh-21 Sulfur dioxide 100% Feb-21 452 605 756 1400 1700 No (mg/m3) Continuous Feb-21 Sulfuric acid mist and sulfur trioxide (as SO3) (mg/m3) Every 6 months 100

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). POINT 3 Collected 8 Lowest Sample Concentration Exceedance Unit of Measure Sample/Measurement Frequence Analysed **Date Sample** Feb-21 Cadmium (mg/m3) Every 6 months 0.2 Feb-21 Chlorine (mg/m3) Every 6 months 20 Feb-21 Fluorine (mg/m3) Every 6 months 30 Feb-21 Hydrogen chloride (mg/m3) Every 6 months 50 Feb-21 Mercury (mg/m3) Every 6 months 0.05 Feb-21 Nitrogen Oxides (mg/m3) Continuous 100% Feb-21 489 693 919 1100 1500 No Feb-21 Solid Particles (mg/m3) Quarterly 50 Feb-21 Sulfur dioxide (mg/m3) 100% Feb-21 443 621 798 1400 1700 Feh-21 Sulfuric acid mist and sulfur trioxide (as SO3) (mg/m3) Every 6 months 100 Feb-21 Type 1 and Type 2 substances in aggregate (mg/m3) Every 6 months 0.75 Every 6 months Feb-21 VOC's as n-propane equivalent (mg/m3) 10

POINT 4													
				Samples Collected &		Lowest Sample	Mean of	Highest Sample	Concentration		Exceedance		
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments	
Feb-21	Cadmium	(mg/m3)	Every 6 months										
Feb-21	Carbon dioxide	(%)	Every 6 months										
Feb-21	Chlorine	(mg/m3)	Every 6 months										
Feb-21	Flow rate	(m3/s)	Continuous									Not required until 31 October 2021	
Feb-21	Fluorine	(mg/m3)	Every 6 months										
Feb-21	Hydrogen chloride	(mg/m3)	Every 6 months										
Feb-21	Mercury	(mg/m3)	Every 6 months										
Feb-21	Moisture	(%)	Continuous									Not required until 31 October 2021	
Feb-21	Oxygen (O2)	(%)	Continuous									Not required until 31 October 2021	
Feb-21	Solid Particles	(mg/m3)	Quarterly										
Feb-21	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months										
Feb-21	Temperature	(°C)	Continuous									Not required until 31 October 2021	
Feb-21	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months										
Feb-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 AI	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
Feb-21	Cadmium	(mg/m3)	Every 6 months									
Feb-21	Flow rate	(m3/s)	Continuous									Not required until 31 October 2021
Feb-21	Mercury	(mg/m3)	Every 6 months									
Feb-21	Moisture	(%)	Continuous									Not required until 31 October 2021
Feb-21	Oxygen (O2)	(%)	Continuous									Not required until 31 October 2021
Feb-21	Solid Particles	(mg/m3)	Quarterly									
Feb-21	Temperature	(°C)	Continuous				·					Not required until 31 October 2021
Feb-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
Feb-21	Cadmium	(mg/m3)	Every 6 months									
Feb-21	Carbon dioxide	(%)	Every 6 months									
Feb-21	Chlorine	(mg/m3)	Every 6 months									
Feb-21	Flow rate	(m3/s)	Continuous									Not required until 31 October 2021
Feb-21	Fluorine	(mg/m3)	Every 6 months									
Feb-21	Hydrogen chloride	(mg/m3)	Every 6 months									
Feb-21	Mercury	(mg/m3)	Every 6 months									
Feb-21	Moisture	(%)	Continuous									Not required until 31 October 2021
Feb-21	Oxygen (O2)	(%)	Continuous									Not required until 31 October 2021
Feb-21	Solid Particles	(mg/m3)	Quarterly									
Feb-21	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months									
Feb-21	Temperature	(°C)	Continuous									Not required until 31 October 2021
Feb-21	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months									
Feb-21	VOC's as n-propane equivalent	(mg/m3)	Every 6 months									

				Samples Collected &		Lowest Sample	Mean of	Highest Sample		100 Percentile Concentration		
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Feb-21	Cadmium	(mg/m3)	Every 6 months									
Feb-21	Flow rate	(m3/s)	Continuous									Not required until 31 October 2021
Feb-21	Mercury	(mg/m3)	Every 6 months									
Feb-21	Moisture	(%)	Continuous									Not required until 31 October 2021
Feb-21	Oxygen (O2)	(%)	Continuous									Not required until 31 October 2021
Feb-21	Solid Particles	(mg/m3)	Quarterly									
Feb-21	Temperature	(°C)	Continuous									Not required until 31 October 2021
Feb-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 DOC20/4766	95-1).				
				Samples						100 Percentile		
				Collected &		Lowest Sample	Mean of	Highest Sample			Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Feb-21	Cadmium	(mg/m3)	Every 6 months									
Feb-21	Carbon dioxide	(%)	Every 6 months									
Feb-21	Chlorine	(mg/m3)	Every 6 months									
Feb-21	Flow rate	(m3/s)	Continuous									Not required until 31 October 2021
Feb-21	Fluorine	(mg/m3)	Every 6 months									
Feb-21	Hydrogen chloride	(mg/m3)	Every 6 months									
Feb-21	Mercury	(mg/m3)	Every 6 months									
Feb-21	Moisture	(%)	Continuous									Not required until 31 October 2021
Feb-21	Oxygen (O2)	(%)	Continuous									Not required until 31 October 2021
Feb-21	Solid Particles	(mg/m3)	Quarterly									
Feb-21	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months									
Feb-21	Temperature	(°C)	Continuous									Not required until 31 October 2021
Feb-21	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months									
Feb-21	VOC's as n-propane equivalent	(mg/m3)	Every 6 months									-

POINT 9	Boiler number 6 exhaust - duct B marked and show	un ac FDA ID G on The D	lane ("\/X837351_1 AND "\/V027254		OU EDV BEEEDENICE	DOC20/47660F A	ND DOC20/47660	15_1)				
POINT 9	Boiler number 6 exhaust - duct B marked and snow	VIT AS EPA ID 9 ON THE P	lans (VX83/351-1 AND VX83/351	Samples	ZU EPA REFERENCE	DUC20/4/6695 A	ND DUC20/47669	5-1).	99 Percentile	100 Percentile		
				Collected &		Lowest Sample	Mean of	Highest Sample	Concentration	Concentration	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Feb-21	Cadmium	(mg/m3)	Every 6 months									
Feb-21	Flow rate	(m3/s)	Continuous									Not required until 31 October 2021
Feb-21	Mercury	(mg/m3)	Every 6 months									
Feb-21	Moisture (03)	(%)	Continuous									Not required until 31 October 2021
Feb-21 Feb-21	Oxygen (O2) Solid Particles	(%) (mg/m3)	Continuous Quarterly									Not required until 31 October 2021
Feb-21	Temperature	(°C)	Continuous									Not required until 31 October 2021
Feb-21	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months									Not required until 31 October 2021
	Type I and Type I substances in aggregate	(g/3/	Every o months									
POINT 10	Boiler number 6 exhaust - duct C marked and show	n as EPA ID 10 on The	Plans ("VX837351-1 AND "VX83735	1-2" 03/06/20	020 EPA REFERENC	E DOC20/476695 A	AND DOC20/4766	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
Feb-21	Cadmium	(mg/m3)	Every 6 months									
Feb-21	Carbon dioxide	(%)	Every 6 months									
Feb-21	Chlorine	(mg/m3)	Every 6 months									
Feb-21	Flow rate	(m3/s)	Continuous									Not required until 31 October 2021
Feb-21	Fluorine	(mg/m3)	Every 6 months									
Feb-21	Hydrogen chloride	(mg/m3)	Every 6 months		ļ							
Feb-21	Mercury	(mg/m3)	Every 6 months									
Feb-21	Moisture	(%)	Continuous									Not required until 31 October 2021
Feb-21	Oxygen (O2)	(%)	Continuous		-			-				Not required until 31 October 2021
Feb-21	Solid Particles	(mg/m3)	Quarterly		1			 				
Feb-21 Feb-21	Sulfuric acid mist and sulfur trioxide (as SO3) Temperature	(mg/m3) (°C)	Every 6 months Continuous		 			-				Not required until 31 October 2021
	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months									Not required until 31 October 2021
Feb-21 Feb-21	VOC's as n-propane equivalent	(mg/m3)	Every 6 months									
DINT 11	Boiler number 6 exhaust - duct D marked and show	vn as EPA ID 11 on The	Plans ("VX837351-1 AND "VX83735		020 EPA REFERENC	E DOC20/476695	AND DOC20/4766	95-1).				
OINT 11	Boiler number 6 exhaust - duct D marked and show	vn as EPA ID 11 on The	Plans ("VX837351-1 AND "VX83735	1-2" 03/06/20 Samples Collected &	020 EPA REFERENC	Lowest Sample	AND DOC20/4766	95-1). Highest Sample	99 Percentile Concentration	100 Percentile Concentration	Exceedance	
	Boiler number 6 exhaust - duct D marked and shov Pollutant	un as EPA ID 11 on The Unit of Measure	Plans ("VX837351-1 AND "VX83735 Sample/Measurement Frequency	Samples	Date Sampled						Exceedance (yes/no)	Comments
Month Feb-21	Pollutant Cadmium	Unit of Measure (mg/m3)	Sample/Measurement Frequency Every 6 months	Samples Collected &		Lowest Sample	Mean of	Highest Sample	Concentration	Concentration		
Month Feb-21 Feb-21	Pollutant Cadmium Flow rate	Unit of Measure (mg/m3) (m3/s)	Sample/Measurement Frequency Every 6 months Continuous	Samples Collected &		Lowest Sample	Mean of	Highest Sample	Concentration	Concentration		Comments Not required until 31 October 2021
Month Feb-21 Feb-21 Feb-21	Pollutant Cadmium Flow rate Mercury	Unit of Measure (mg/m3) (m3/s) (mg/m3)	Sample/Measurement Frequency Every 6 months Continuous Every 6 months	Samples Collected &		Lowest Sample	Mean of	Highest Sample	Concentration	Concentration		Not required until 31 October 2021
Month Feb-21 Feb-21 Feb-21 Feb-21	Pollutant Cadmium Flow rate Mercury Moisture	Unit of Measure (mg/m3) (m3/s) (mg/m3) (%)	Sample/Measurement Frequency Every 6 months Continuous Every 6 months Continuous	Samples Collected &		Lowest Sample	Mean of	Highest Sample	Concentration	Concentration		Not required until 31 October 2021 Not required until 31 October 2021
Month Feb-21 Feb-21 Feb-21 Feb-21 Feb-21	Pollutant Cadmium Flow rate Mercury Moisture Owygen (O2)	Unit of Measure (mg/m3) (m3/s) (mg/m3) (%) (%)	Sample/Measurement Frequency Every 6 months Continuous Every 6 months Continuous Continuous Continuous	Samples Collected &		Lowest Sample	Mean of	Highest Sample	Concentration	Concentration		Not required until 31 October 2021
Month Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21	Pollutant Cadmium Flow rate Mercury Moisture Oxygen (O2) Solid Particles	Unit of Measure (mg/m3) (m3/s) (mg/m3) (%) (%) (%) (mg/m3)	Sample/Measurement Frequency Every 6 months Continuous Every 6 months Continuous Continuous Quarterly	Samples Collected &		Lowest Sample	Mean of	Highest Sample	Concentration	Concentration		Not required until 31 October 2021 Not required until 31 October 2021 Not required until 31 October 2021
Month Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21	Pollutant Cadmium Flow rate Mercury Moisture Oxygen (O2) Solid Particles Temperature	Unit of Measure (mg/m3) (m3/s) (mg/m3) (%) (%) (mg/m3) (%) (mg/m3) (°C)	Sample/Measurement Frequency Every 6 months Continuous Every 6 months Continuous Continuous Quarterly Continuous	Samples Collected &		Lowest Sample	Mean of	Highest Sample	Concentration	Concentration		Not required until 31 October 2021 Not required until 31 October 2021
Month Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21	Pollutant Cadmium Flow rate Mercury Moisture Oxygen (O2) Solid Particles	Unit of Measure (mg/m3) (m3/s) (mg/m3) (%) (%) (%) (mg/m3)	Sample/Measurement Frequency Every 6 months Continuous Every 6 months Continuous Continuous Quarterly	Samples Collected &		Lowest Sample	Mean of	Highest Sample	Concentration	Concentration		Not required until 31 October 2021 Not required until 31 October 2021 Not required until 31 October 2021
Month Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21	Pollutant Cadmium Flow rate Mercury Moisture Oxygen (O2) Solid Particles Temperature	Unit of Measure (mg/m3) (m3/s) (mg/m3) (%) (%) (mg/m3) (*C) (mg/m3)	Sample/Measurement Frequency Every 6 months Continuous Every 6 months Continuous Continuous Continuous Quarterly Continuous Every 6 months	Samples Collected & Analysed	Date Sampled	Lowest Sample Value	Mean of Samples	Highest Sample Value	Concentration Limit	Concentration Limit		Not required until 31 October 2021 Not required until 31 October 2021 Not required until 31 October 2021
Month Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21	Pollutant Cadmium Flow rate Mercury Moisture Owygen (02) Solid Particles Temperature Type 1 and Type 2 substances in aggregate	Unit of Measure (mg/m3) (m3/s) (mg/m3) (%) (%) (mg/m3) (*C) (mg/m3)	Sample/Measurement Frequency Every 6 months Continuous Every 6 months Continuous Continuous Continuous Quarterly Continuous Every 6 months	Samples Collected & Analysed	Date Sampled	Lowest Sample Value	Mean of Samples	Highest Sample Value	Concentration Limit	Concentration Limit		Not required until 31 October 2021 Not required until 31 October 2021 Not required until 31 October 2021
Month Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21	Pollutant Cadmium Flow rate Mercury Moisture Owygen (02) Solid Particles Temperature Type 1 and Type 2 substances in aggregate	Unit of Measure (mg/m3) (m3/s) (mg/m3) (%) (%) (mg/m3) (*C) (mg/m3)	Sample/Measurement Frequency Every 6 months Continuous Every 6 months Continuous Continuous Continuous Quarterly Continuous Every 6 months	Samples Collected & Analysed ans ("VX83735 Samples	Date Sampled	Lowest Sample Value	Mean of Samples	Highest Sample Value	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
Month Feb-21	Pollutant Cadmium Flow rate Mercury Moisture Owygen (02) Solid Particles Temperature Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and B (Unit of Measure (mg/m3) (m3/s) (mg/m3) (%) (%) (%) (rc) (mg/m3) (°C) (mg/m3)	Sample/Measurement Frequency Every 6 months Continuous Every 6 months Continuous Continuous Quarterly Continuous Every 6 months	Samples Collected & Analysed ans ("VX83735 Samples Collected &	Date Sampled	Lowest Sample Value	Mean of Samples EPA REFERENCE I	Highest Sample Value	Concentration Limit D DOC20/47669 99 Percentile Concentration	Concentration Limit 5-1). 100 Percentile Concentration	(yes/no)	Not required until 31 October 2021
Month Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Month	Pollutant Cadmium Flow rate Mercury Moisture Oxygen (02) Solid Particles Temperature Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and B	Unit of Measure (mg/m3) (m3/s) (mg/m3) (%) (%) (mg/m3) (*C) (mg/m3) (*C) (mg/m3) (points 4 and 5) marked	Sample/Measurement Frequency Every 6 months Continuous Every 6 months Continuous Continuous Quarterly Continuous Every 6 months	Samples Collected & Analysed ans ("VX83735 Samples Collected & Analysed	Date Sampled	Lowest Sample Value 51-2" 03/06/2020 Lowest Sample Value	Mean of Samples EPA REFERENCE Mean of Samples	Highest Sample Value OC20/476695 ANI Highest Sample Value	Concentration Limit D DOC20/47669 99 Percentile	Concentration Limit 5-1). 100 Percentile	(yes/no) Exceedance (yes/no)	Not required until 31 October 2021 Not required until 31 October 2021 Not required until 31 October 2021
Month Feb-21	Pollutant 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 (Unit of Measure (mg/m3) (m3/s) (mg/m3) (%) (%) (mg/m3) (°C) (mg/m3) (°C) (mg/m3) (points 4 and 5) marked	Sample/Measurement Frequency Every 6 months Continuous Every 6 months Continuous Continuous Continuous Quarterly Continuous Every 6 months	Samples Collected & Analysed ans ("VX83735 Samples Collected & Analysed 100%	Date Sampled 51-1 AND "VX8373 Date Sampled Feb-21	Lowest Sample Value 51-2" 03/06/2020 Lowest Sample Value 271	Mean of Samples EPA REFERENCE I Mean of Samples 426	Highest Sample Value DOC20/476695 ANI Highest Sample Value 577	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
Month Feb-21	Pollutant Cadmium Flow rate Mercury Moisture Oxygen (02) Solid Particles Temperature Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and B	Unit of Measure (mg/m3) (m3/s) (mg/m3) (%) (%) (mg/m3) (*C) (mg/m3) (*C) (mg/m3) (points 4 and 5) marked	Sample/Measurement Frequency Every 6 months Continuous Every 6 months Continuous Continuous Quarterly Continuous Every 6 months	Samples Collected & Analysed ans ("VX83735 Samples Collected & Analysed	Date Sampled	Lowest Sample Value 51-2" 03/06/2020 Lowest Sample Value	Mean of Samples EPA REFERENCE Mean of Samples	Highest Sample Value OC20/476695 ANI 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
Month Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Month Feb-21 Feb-21 Feb-21 Feb-21 Feb-21	Pollutant Cadmium Flow rate Mercury Moisture Oxygen (02) 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	Unit of Measure (mg/m3) (m3/s) (mg/m3) (%) (%) (mg/m3) (°C) (mg/m3) (points 4 and 5) marked Unit of Measure (mg/m3) (mg/m3)	Sample/Measurement Frequency Every 6 months Continuous Every 6 months Continuous Continuous Quarterly Continuous Every 6 months d and shown as EPA ID 12 on The Pl Sample/Measurement Frequency Continuous Continuous	Samples Collected & Analysed ans ("VX83735 Samples Collected & Analysed 100%	Date Sampled 51-1 AND "VX8373 Date Sampled Feb-21 Feb-21	Lowest Sample Value 51-2" 03/06/2020 Lowest Sample Value 271 325	Mean of Samples EPA REFERENCE Mean of Samples 426 510	Highest Sample Value OC20/476695 ANI Highest Sample Value 577 676	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 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Month Feb-21 Feb-21 Feb-21 Feb-21 Feb-21	Pollutant 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 (Unit of Measure (mg/m3) (m3/s) (mg/m3) (%) (%) (mg/m3) (°C) (mg/m3) (points 4 and 5) marked Unit of Measure (mg/m3) (mg/m3)	Sample/Measurement Frequency Every 6 months Continuous Every 6 months Continuous Continuous Quarterly Continuous Every 6 months d and shown as EPA ID 12 on The Pl Sample/Measurement Frequency Continuous Continuous	Samples Collected & Analysed ans ("VX83735 Samples Collected & Analysed 100%	Date Sampled 51-1 AND "VX8373 Date Sampled Feb-21 Feb-21	Lowest Sample Value 51-2" 03/06/2020 Lowest Sample Value 271 325	Mean of Samples EPA REFERENCE Mean of Samples 426 510	Highest Sample Value OC20/476695 ANI Highest Sample Value 577 676	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 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Month Feb-21 Feb-21 Feb-21 Feb-21 Feb-21	Pollutant Cadmium Flow rate Mercury Moisture Oxygen (02) 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	Unit of Measure (mg/m3) (m3/s) (mg/m3) (%) (%) (mg/m3) (°C) (mg/m3) (points 4 and 5) marked Unit of Measure (mg/m3) (mg/m3)	Sample/Measurement Frequency Every 6 months Continuous Every 6 months Continuous Continuous Quarterly Continuous Every 6 months d and shown as EPA ID 12 on The Pl Sample/Measurement Frequency Continuous Continuous	Samples Collected & Analysed ans ("VX83735 Samples Collected & Analysed 100% 100%	Date Sampled 51-1 AND "VX8373 Date Sampled Feb-21 Feb-21	Lowest Sample Value 51-2" 03/06/2020 Lowest Sample Value 271 325	Mean of Samples EPA REFERENCE Mean of Samples 426 510	Highest Sample Value OC20/476695 ANI Highest Sample Value 577 676	D DOC20/47669	Concentration Limit 5-1). 100 Percentile Concentration Limit 5-1).	Exceedance (yes/no) No	Not required until 31 October 2021
Month Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Month Feb-21 Feb-21 Feb-21 Feb-21 Feb-21	Pollutant Cadmium Flow rate Mercury Moisture Oxygen (02) 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	Unit of Measure (mg/m3) (m3/s) (mg/m3) (%) (%) (mg/m3) (°C) (mg/m3) (points 4 and 5) marked Unit of Measure (mg/m3) (mg/m3)	Sample/Measurement Frequency Every 6 months Continuous Every 6 months Continuous Continuous Quarterly Continuous Every 6 months d and shown as EPA ID 12 on The Pl Sample/Measurement Frequency Continuous Continuous	Samples Collected & Analysed ans ("VX83735 Samples Collected & Analysed 100% 100% S"VX83735 Samples	Date Sampled 51-1 AND "VX8373 Date Sampled Feb-21 Feb-21	Lowest Sample Value 51-2" 03/06/2020 Lowest Sample Value 271 325 51-2" 03/06/2020	Mean of Samples EPA REFERENCE I Mean of Samples 426 510 EPA REFERENCE C	Highest Sample Value DOC20/476695 ANI Highest Sample Value 577 676	D DOC20/476699 99 Percentile Concentration Limit	Concentration Limit 5-1). 100 Percentile Concentration Limit 100 Percentile	Exceedance (yes/no) No	Not required until 31 October 2021
Month Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Month Feb-21 Month Feb-21 OINT 12	Pollutant Cadmium Flow rate Mercury Moisture Oxygen (02) 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	Unit of Measure (mg/m3) (m3/s) (mg/m3) (%) (%) (%) (mg/m3) (*C) (mg/m3) (points 4 and 5) marked Unit of Measure (mg/m3) (mg/m3) (mg/m3)	Sample/Measurement Frequency Every 6 months Continuous Every 6 months Continuous Continuous Quarterly Continuous Every 6 months d and shown as EPA ID 12 on The Plate Sample/Measurement Frequency Continuous Continuous Continuous Continuous	Samples Collected & Analysed ans ("VX83735 Samples Collected & Analysed 100% 100% Samples Collected &	Date Sampled 51-1 AND "VX8373 Date Sampled Feb-21 Feb-21 Feb-21 1-1 AND "VX83735	Lowest Sample Value 51-2" 03/06/2020 Lowest Sample Value 271 325	Mean of Samples EPA REFERENCE I Mean of Samples 426 510 EPA REFERENCE C	Highest Sample Value OC20/476695 ANI Highest Sample Value 577 676 OC20/476695 ANI Highest Sample	D DOC20/47669	Concentration Limit 5-1). 100 Percentile Concentration Limit 5-1).	Exceedance (yes/no) No	Not required until 31 October 2021 Comments
Month Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 OINT 12 Month Feb-21 Feb-21 Month	Pollutant 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	Unit of Measure (mg/m3) (m3/s) (mg/m3) (%) (%) (%) (mg/m3) (*C) (mg/m3) (points 4 and 5) marked (mg/m3) (mg/m3) (points 6 and 7) marked	Sample/Measurement Frequency Every 6 months Continuous Every 6 months Continuous Continuous Quarterly Continuous Every 6 months d and shown as EPA ID 12 on The Pl Sample/Measurement Frequency Continuous Continuous	Samples Collected & Analysed ans ("VX83735 Samples Collected & Analysed 100% 100% S"VX83735 Samples	Date Sampled 51-1 AND "VX8373 Date Sampled Feb-21 Feb-21	Lowest Sample Value 51-2" 03/06/2020 Lowest Sample Value 271 325 51-2" 03/06/2020 Lowest Sample	Mean of Samples EPA REFERENCE I Mean of Samples 426 510 EPA REFERENCE C	Highest Sample Value DOC20/476695 ANI Highest Sample Value 577 676	D DOC20/47669 99 Percentile Concentration Limit	Concentration Limit 5-1). 100 Percentile Concentration Limit 100 Percentile Concentration	Exceedance (yes/no) No	Not required until 31 October 2021
Month Feb-21 OINT 12 Month Feb-21 Feb-21 Feb-21	Pollutant Cadmium Flow rate Mercury Moisture Owygen (02) 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 (Pollutant	Unit of Measure (mg/m3) (m3/s) (mg/m3) (%) (%) (mg/m3) (*C) (mg/m3) (points 4 and 5) marked (mg/m3) (mg/m3) (points 6 and 7) marked	Sample/Measurement Frequency Every 6 months Continuous Every 6 months Continuous Continuous Quarterly Continuous Every 6 months d and shown as EPA ID 12 on The Pl Sample/Measurement Frequency Continuous Continuous	Samples Collected & Analysed ans ("VX83735 Samples Collected & Analysed 100% 100% Samples Collected & Analysed Analysed Analysed	Date Sampled 51-1 AND "VX8373 Date Sampled Feb-21 Feb-21 1-1 AND "VX83735	Lowest Sample Value 51-2" 03/06/2020 Lowest Sample Value 271 325 51-2" 03/06/2020 Lowest Sample Value	Mean of Samples EPA REFERENCE I Mean of Samples 426 510 EPA REFERENCE D Mean of Samples	Highest Sample Value DOC20/476695 ANI Highest Sample Value 577 676 OC20/476695 ANE Highest Sample Value	D DOC20/47669 99 Percentile Concentration Limit	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
Month Feb-21 OINT 12 Month Feb-21 Feb-21 Feb-21	Pollutant 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 Boiler number 5 combined exhaust - duct C and D (Pollutant Nitrogen Oxides	Unit of Measure (mg/m3) (m3/s) (mg/m3) (%) (%) (%) (mg/m3) (*C) (mg/m3) (points 4 and 5) marked (mg/m3) (mg/m3) (points 6 and 7) marked	Sample/Measurement Frequency 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	Samples Collected & Analysed ans ("VX83735 Samples Collected & Analysed 100% 100% Samples Collected & Analysed 100% 100% 100% Look Analysed 100% 100% Look Analysed 100% 100% Look Analysed 100% 100%	Date Sampled 51-1 AND "VX8373 Date Sampled Feb-21 Feb-21 1-1 AND "VX83733 Date Sampled Feb-21	Lowest Sample Value 51-2" 03/06/2020 Lowest Sample Value 271 325 61-2" 03/06/2020 Lowest Sample Value 426	Mean of Samples EPA REFERENCE I Mean of Samples 426 510 EPA REFERENCE C Mean of Samples 595	Highest Sample Value DOC20/476695 ANI Highest Sample Value 577 676 DOC20/476695 ANI Highest Sample Value 787	D DOC20/47669 99 Percentile Concentration Limit	Concentration Limit 5-1). 100 Percentile Concentration Limit 100 Percentile Concentration	Exceedance (yes/no) No	Not required until 31 October 2021 Comments
Month Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 OINT 12 Month Feb-21	Pollutant 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 Boiler number 5 combined exhaust - duct C and D (Pollutant Nitrogen Oxides	Unit of Measure (mg/m3) (m3/s) (mg/m3) (%) (%) (%) (mg/m3) (*C) (mg/m3) (points 4 and 5) market (mg/m3) (mg/m3) (mg/m3) (mg/m3) (points 6 and 7) market Unit of Measure (mg/m3) (mg/m3)	Sample/Measurement Frequency Every 6 months Continuous Every 6 months Continuous Continuous Quarterly Continuous Every 6 months d and shown as EPA ID 12 on The Pla Sample/Measurement Frequency Continuous	Samples Collected & Analysed ans ("VX83735 Samples Collected & Analysed 100% 100% Samples Collected & Analysed 100% 100% 100%	Date Sampled Date Sampled Feb-21 Feb-21 1-1 AND "VX83735 Date Sampled Feb-21 Feb-21	Lowest Sample Value 51-2" 03/06/2020 Lowest Sample Value 271 325 51-2" 03/06/2020 Lowest Sample Value 426 569	Mean of Samples EPA REFERENCE I Mean of Samples 426 510 EPA REFERENCE D Mean of Samples 595 696	Highest Sample Value DOC20/476695 ANI Highest Sample Value 577 676 DOC20/476695 ANI Highest Sample Value 787 756	D DOC20/47669 99 Percentile Concentration Limit D DOC20/47669: 99 Percentile Concentration Limit Limit	5-1). 100 Percentile Concentration Limit 5-1). 100 Percentile Concentration Limit	Exceedance (yes/no) No	Not required until 31 October 2021 Comments
Month Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 OINT 12 Month Feb-21	Pollutant Cadmium Flow rate Mercury Moisture Owygen (02) Solid Particles Temperature Type 1 and Type 2 substances in aggregate Boller number 5 combined exhaust - duct A and B Pollutant Nitrogen Oxides Sulfur dioxide Pollutant Nitrogen Oxides Sulfur dioxide	Unit of Measure (mg/m3) (m3/s) (mg/m3) (%) (%) (%) (mg/m3) (*C) (mg/m3) (points 4 and 5) market (mg/m3) (mg/m3) (mg/m3) (mg/m3) (points 6 and 7) market Unit of Measure (mg/m3) (mg/m3)	Sample/Measurement Frequency Every 6 months Continuous Every 6 months Continuous Continuous Quarterly Continuous Every 6 months d and shown as EPA ID 12 on The Pla Sample/Measurement Frequency Continuous	Samples Collected & Analysed ans ("VX83735 Samples Collected & Analysed 100% 100% Samples Collected & Analysed 100% 100% 100%	Date Sampled Date Sampled Feb-21 Feb-21 1-1 AND "VX83735 Date Sampled Feb-21 Feb-21	Lowest Sample Value 51-2" 03/06/2020 Lowest Sample Value 271 325 51-2" 03/06/2020 Lowest Sample Value 426 569	Mean of Samples EPA REFERENCE I Mean of Samples 426 510 EPA REFERENCE D Mean of Samples 595 696	Highest Sample Value DOC20/476695 ANI Highest Sample Value 577 676 DOC20/476695 ANI Highest Sample Value 787 756	D DOC20/47669 99 Percentile Concentration Limit D DOC20/47669: 99 Percentile Concentration Limit Limit	5-1). 100 Percentile Concentration Limit 5-1). 100 Percentile Concentration Limit	Exceedance (yes/no) No	Not required until 31 October 2021 Comments
Month Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 OINT 12 Month Feb-21	Pollutant Cadmium Flow rate Mercury Moisture Owygen (02) Solid Particles Temperature Type 1 and Type 2 substances in aggregate Boller number 5 combined exhaust - duct A and B Pollutant Nitrogen Oxides Sulfur dioxide Pollutant Nitrogen Oxides Sulfur dioxide	Unit of Measure (mg/m3) (m3/s) (mg/m3) (%) (%) (%) (mg/m3) (*C) (mg/m3) (points 4 and 5) market (mg/m3) (mg/m3) (mg/m3) (mg/m3) (points 6 and 7) market Unit of Measure (mg/m3) (mg/m3)	Sample/Measurement Frequency Every 6 months Continuous Every 6 months Continuous Continuous Quarterly Continuous Every 6 months d and shown as EPA ID 12 on The Pla Sample/Measurement Frequency Continuous	Samples Collected & Analysed ans ("VX83735 Samples Collected & Analysed 100% 100% Samples Collected & Analysed 100% 100% Samples	Date Sampled Date Sampled Feb-21 Feb-21 1-1 AND "VX83735 Date Sampled Feb-21 Feb-21	Lowest Sample Value 51-2" 03/06/2020 Lowest Sample Value 271 325 51-2" 03/06/2020 Lowest Sample Value 426 569	Mean of Samples EPA REFERENCE I Mean of Samples 426 510 EPA REFERENCE D Mean of Samples 595 696	Highest Sample Value DOC20/476695 ANI Highest Sample Value 577 676 DOC20/476695 ANI Highest Sample Value 787 756	D DOC20/47669 99 Percentile Concentration Limit D DOC20/47669: 99 Percentile Concentration Limit Limit	5-1). 100 Percentile Concentration Limit 5-1). 100 Percentile Concentration Limit	Exceedance (yes/no) No	Not required until 31 October 2021 Comments
Month Feb-21 OINT 12 Month Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 OINT 13	Pollutant 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 (Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 6 combined exhaust - duct A and B (Pollutant	Unit of Measure (mg/m3) (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) (mg/m3) (points 8 and 9) marked	Sample/Measurement Frequency Every 6 months Continuous Every 6 months Continuous Continuous Quarterly Continuous Every 6 months d and shown as EPA ID 12 on The Pla Sample/Measurement Frequency Continuous	Samples Collected & Analysed Analysed Samples Collected & Analysed 100% 100% 100% 100% 100% 100% 100% 10	Date Sampled 51-1 AND "VX8373 Date Sampled Feb-21 1-1 AND "VX83735 Date Sampled Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21	Lowest Sample Value 51-2" 03/06/2020 Lowest Sample Value 271 325 51-2" 03/06/2020 Lowest Sample Value 426 569	Mean of Samples EPA REFERENCE I Mean of Samples 426 510 EPA REFERENCE D Mean of Samples 595 696	Highest Sample Value DOC20/476695 ANI Highest Sample Value 577 676 DOC20/476695 ANI Highest Sample Value 787 756	D DOC20/476699 D DOC20/476699 D DOC20/476699 D DOC20/476699	Concentration Limit 5-1). 100 Percentile Concentration Limit 100 Percentile Concentration Limit 5-1).	Exceedance (yes/no) No	Not required until 31 October 2021 Comments
Month Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 OINT 12 Month Feb-21 Feb-21 Feb-21 Feb-21 OINT 13 Month Feb-21 Feb-21 Feb-21 Month Feb-21 Feb-21 Feb-21 Month	Pollutant 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 of the substance	Unit of Measure (mg/m3) (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	Sample/Measurement Frequency Every 6 months Continuous Every 6 months 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 d and shown as EPA ID 13 on The Pla Sample/Measurement Frequency Continuous Continuous	Samples Collected & Analysed Analysed Samples Collected & Analysed 100% 100% 100% 100% Samples Collected & Analysed 100% 100% Samples Collected & Analysed Analysed Analysed Analysed Analysed Collected & Analysed Analysed Analysed	Date Sampled 51-1 AND "VX8373 Date Sampled Feb-21 Feb-21 1-1 AND "VX83735 Date Sampled Feb-21 Feb-21 1-1 AND "VX83735	Lowest Sample Value 51-2" 03/06/2020 Lowest Sample Value 271 325 51-2" 03/06/2020 Lowest Sample Value 426 569 51-2" 03/06/2020 Lowest Sample Value 426 Value 426 Value 426 Value 426 Value 426 Value 426 Value Value 426	Mean of Samples EPA REFERENCE I Mean of Samples 426 510 EPA REFERENCE C Mean of Samples 595 696 EPA REFERENCE C	Highest Sample Value OC20/476695 ANI Highest Sample Value 577 676 OC20/476695 ANI Highest Sample Value 787 756 OC20/476695 ANI Highest Sample Value Highest Sample Value Value 787	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 Exceedance (yes/no) No No Exceedance (yes/no) No No Exceedance (yes/no) No	Not required until 31 October 2021 Comments
Month Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 OINT 12 Month Feb-21 Feb-21 OINT 13	Pollutant 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 (Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 6 combined exhaust - duct A and B (Pollutant	Unit of Measure (mg/m3) (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) (mg/m3) (points 8 and 9) marked	Sample/Measurement Frequency Every 6 months Continuous Every 6 months Continuous Continuous Quarterly Continuous Every 6 months d and shown as EPA ID 12 on The Plate of the p	Samples Collected & Analysed ans ("VX83735 Samples Collected & Analysed 100% 100% 100% 100% 100% Samples Collected & Samples Collected &	Date Sampled 51-1 AND "VX8373 Date Sampled Feb-21 1-1 AND "VX83735 Date Sampled Feb-21 Feb-21 Feb-21 Feb-21 Feb-21 Feb-21	Lowest Sample Value 51-2" 03/06/2020 Lowest Sample Value 271 325 51-2" 03/06/2020 Lowest Sample 426 569 51-2" 03/06/2020 Lowest Sample 426 569	Mean of Samples EPA REFERENCE I Mean of Samples 426 510 EPA REFERENCE C Mean of Samples 595 696 EPA REFERENCE C	Highest Sample Value DOC20/476695 ANI Highest Sample Value 577 676 DOC20/476695 ANI Highest Sample Value 787 756 DOC20/476695 ANI Highest Sample	D DOC20/47669 99 Percentile Concentration Limit D DOC20/47669 99 Percentile Concentration Limit D DOC20/47669 99 Percentile Concentration Limit D DOC20/47669	Concentration Limit 5-1). 100 Percentile Concentration Limit 100 Percentile Concentration Limit 100 Percentile Concentration	Exceedance (yes/no) No No Exceedance (yes/no) No No Exceedance (yes/no) No Exceedance	Not required until 31 October 2021 Comments Comments

POINT 15	Boiler number 6 combined exhaust - duct C and D (points 10 and 11) marked and shownas EPA ID 12 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	
Feb-21	Nitrogen Oxides	(mg/m3)	Continuous	100%	Feb-21	546	726	923			No	-	
Feh-21	Sulfur dioxide	(mg/m3)	Continuous	100%	Feh-21	398	567	717			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 Collected &		Lowest Sample	Mean of	Highest Sample		100 Percentile		
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency		Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Feb-21	Chlorine (free residual)	(mg/L)	Monthly during discharge	1	9/2/2021	0.02	0.02	0.02		0.2	No	
Feb-21	Copper	(mg/L)	Monthly during discharge	1	9/2/2021	0.003	0.003	0.003		0.005	No	
Feb-21	Iron	(mg/L)	Monthly during discharge	1	9/2/2021	0.126	0.126	0.126		0.3	No	
Feb-21	Oil and Grease	Visible	Continuous during discharge	100%	Feb-21	NIL	NIL	NIL				
Feb-21	Selenium	(mg/L)	Monthly during discharge	1	9/2/2021	<0.002	<0.002	< 0.002		0.005	No	
Feb-21	Temperature	(°C)	Continuous during discharge	100%	Feb-21	27.2	30.7	33.8	35	37.5	No	

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

	Distributed of Superinduals water from the distribution to	•		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
Feb-21	Aluminium	(mg/L)	Monthly during discharge	1	9/2/2021	0.038	0.038	0.038				
Feb-21	Ammonia	(mg/L)	Monthly during discharge	1	9/2/2021	< 0.01	< 0.01	< 0.01				
Feb-21	Arsenic (III)	(mg/L)	Monthly during discharge	1	9/2/2021	<0.005	< 0.005	< 0.005				
Feb-21	Arsenic (V)	(mg/L)	Monthly during discharge	1	9/2/2021	<0.005	< 0.005	< 0.005				
Feb-21	Cadmium	(mg/L)	Monthly during discharge	1	9/2/2021	< 0.0002	<0.0002	< 0.0002				
Feb-21	Chromium (trivalent)	(mg/L)	Monthly during discharge	1	9/2/2021	0.006	0.006	0.006				
Feb-21	Chromium (VI) Compounds	(mg/L)	Monthly during discharge	1	9/2/2021	< 0.005	< 0.005	< 0.005				
Feb-21	Copper	(mg/L)	Monthly during discharge	1	9/2/2021	< 0.001	< 0.001	< 0.001				
Feb-21	Iron	(mg/L)	Monthly during discharge	1	9/2/2021	0.077	0.077	0.077				
Feb-21	Lead	(mg/L)	Monthly during discharge	1	9/2/2021	< 0.0002	<0.0002	<0.0002				
Feb-21	Manganese	(mg/L)	Monthly during discharge	1	9/2/2021	0.0160	0.0160	0.0160				
Feb-21	Nickel	(mg/L)	Monthly during discharge	1	9/2/2021	0.001	0.001	0.001				
Feb-21	Nitrate + nitrite (oxidised nitrogen)	(mg/L)	Monthly during discharge	1	9/2/2021	0.13	0.13	0.13				
Feb-21	Nitrogen	(mg/L)	Monthly during discharge	1	9/2/2021	<0.5	<0.5	<0.5				
Feb-21	pH	pН	Monthly during discharge	1	9/2/2021	8.63	8.63	8.63		6.5 - 9.5	No	
Feb-21	Phosphorus	(mg/L)	Monthly during discharge	1	9/2/2021	< 0.05	<0.05	< 0.05				
Feb-21	Reactive Phosphorus	(mg/L)	Monthly during discharge	1	9/2/2021	0.02	0.02	0.02				
Feb-21	Selenium	(mg/L)	Monthly during discharge	1	9/2/2021	0.052	0.052	0.052				
Feb-21	Total Kjeldahl Nitrogen	(mg/L)	Monthly during discharge	1	9/2/2021	<0.5	<0.5	<0.5				
Feb-21	Total Suspended Solids	(mg/L)	Monthly during discharge	1	9/2/2021	5	5	5		50	No	
Feb-21	Vanadium	(mg/L)	Monthly during discharge	1	9/2/2021	0.0317	0.0317	0.0317				
Feb-21	Zinc	(mg/L)	Monthly during discharge	1	9/2/2021	<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		
Feb-21	Aluminium	(mg/L)	Monthly during discharge	1	9/2/2021	0.08	0.08	0.08	Yes					
Feb-21	Ammonia	(mg/L)	Monthly during discharge	1	9/2/2021	1.59	1.59	1.59	Yes					
Feb-21	Arsenic (III)	(mg/L)	Monthly during discharge	1	9/2/2021	<0.005	<0.005	< 0.005	Yes					
Feb-21	Arsenic (V)	(mg/L)	Monthly during discharge	1	9/2/2021	<0.005	<0.005	< 0.005	Yes					
Feb-21	Cadmium	(mg/L)	Monthly during discharge	1	9/2/2021	0.0004	0.0004	0.0004	Yes					
Feb-21	Chromium (trivalent)	(mg/L)	Monthly during discharge	1	9/2/2021	< 0.001	<0.001	< 0.001	Yes					
Feb-21	Chromium (VI) Compounds	(mg/L)	Monthly during discharge	1	9/2/2021	< 0.001	<0.001	< 0.001	Yes					
Feb-21	Copper	(mg/L)	Monthly during discharge	1	9/2/2021	0.003	0.003	0.003	Yes					
Feb-21	Iron	(mg/L)	Monthly during discharge	1	9/2/2021	0.682	0.682	0.682	Yes					
Feb-21	Lead	(mg/L)	Monthly during discharge	1	9/2/2021	< 0.0002	<0.0002	< 0.0002	Yes					
Feb-21	Manganese	(mg/L)	Monthly during discharge	1	9/2/2021	0.0983	0.0983	0.0983	Yes			Some flow from seepage pit during 25/2/2021		
Feb-21	Nickel	(mg/L)	Monthly during discharge	1	9/2/2021	0.0016	0.0016	0.0016	Yes					
Feb-21	Nitrate + nitrite (oxidised nitrogen)	(mg/L)	Monthly during discharge	1	9/2/2021	0.22	0.22	0.22	Yes					
Feb-21	Nitrogen	(mg/L)	Monthly during discharge	1	9/2/2021	1.80	1.80	1.80	Yes					
Feb-21	рН	pН	Monthly during discharge	1	9/2/2021	7.81	7.81	7.81	Yes	6.5 - 9.5				
Feb-21	Phosphorus	(mg/L)	Monthly during discharge	1	9/2/2021	< 0.05	< 0.05	< 0.05	Yes					
Feb-21	Reactive Phosphorus	(mg/L)	Monthly during discharge	1	9/2/2021	< 0.01	< 0.01	< 0.01	Yes			_		
Feb-21	Selenium	(mg/L)	Monthly during discharge	1	9/2/2021	0.002	0.002	0.002	Yes					
Feb-21	Total Kjeldahl Nitrogen	(mg/L)	Monthly during discharge	1	9/2/2021	1.60	1.60	1.60	Yes			_		
Feb-21	Total Suspended Solids	(mg/L)	Monthly during discharge	1	9/2/2021	5	5	5	Yes	50				
Feb-21	Vanadium	(mg/L)	Monthly during discharge	1	9/2/2021	0.008	0.008	0.008	Yes			_		
Feb-21	Zinc	(mg/L)	Monthly during discharge	1	9/2/2021	0.018	0.018	0.018	Yes					

POINT 25	Discharge of over boarded water from the ash	dam to Mannering Bay ma	rked and shown as EPA ID 25 on Th	e Plans ("VX8	37351-1 AND "VX8	37351-2" 03/06/2	020 EPA REFEREI	NCE DOC20/476695	AND DOC20/4	76695-1).		
				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
Feb-21	Aluminium	(mg/L)	Daily for any discharge >2 hrs						No			
Feb-21	Ammonia	(mg/L)	Daily for any discharge >2 hrs						No			
Feb-21	Arsenic (III)	(mg/L)	Daily for any discharge >2 hrs						No			
Feb-21	Arsenic (V)	(mg/L)	Daily for any discharge >2 hrs						No			
Feb-21	Cadmium	(mg/L)	Daily for any discharge >2 hrs						No			
Feb-21	Chromium (trivalent)	(mg/L)	Daily for any discharge >2 hrs						No			
Feb-21	Chromium (VI) Compounds	(mg/L)	Daily for any discharge >2 hrs						No			
Feb-21	Copper	(mg/L)	Daily for any discharge >2 hrs						No			
Feb-21	Iron	(mg/L)	Daily for any discharge >2 hrs						No			
Feb-21	Lead	(mg/L)	Daily for any discharge >2 hrs						No			No discharge from EPA Point 25 during February 2021
Feb-21	Manganese	(mg/L)	Daily for any discharge >2 hrs						No			
Feb-21	Nickel	(mg/L)	Daily for any discharge >2 hrs						No			
Feb-21	Nitrate + nitrite (oxidised nitrogen)	(mg/L)	Daily for any discharge >2 hrs						No			
Feb-21	Nitrogen	(mg/L)	Daily for any discharge >2 hrs						No			
Feb-21	pH	pH	Daily for any discharge >2 hrs						No	6.5 - 9.5	No	
Feb-21	Phosphorus	(mg/L)	Daily for any discharge >2 hrs						No			
Feb-21	Reactive Phosphorus	(mg/L)	Daily for any discharge >2 hrs						No			
Feb-21	Selenium	(mg/L)	Daily for any discharge >2 hrs				•		No			
Feb-21	Total Kjeldahl Nitrogen	(mg/L)	Daily for any discharge >2 hrs				•		No			
Feb-21	Total Suspended Solids	(mg/L)	Daily for any discharge >2 hrs				•		No	50	No	
Feb-21	Vanadium	(mg/L)	Daily for any discharge >2 hrs				•		No			
Feb-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
Feb-21	Aluminium	(mg/L)	Quarterly									
Feb-21	Ammonia	(mg/L)	Quarterly									
Feb-21	Arsenic (III)	(mg/L)	Quarterly									
Feb-21	Arsenic (V)	(mg/L)	Quarterly									
Feb-21	Cadmium	(mg/L)	Quarterly									
Feb-21	Chromium (trivalent)	(mg/L)	Quarterly									
Feb-21	Chromium (VI) Compounds	(mg/L)	Quarterly									
Feb-21	Copper	(mg/L)	Quarterly									
Feb-21	Electrical Conductivity	(us/cm)	Quarterly									
Feb-21	Iron	(mg/L)	Quarterly									Next sample due April 2021
Feb-21	Lead	(mg/L)	Quarterly									
Feb-21	Magnesium	(mg/L)	Quarterly									
Feb-21	Manganese	(mg/L)	Quarterly									
Feb-21	Nickel	(mg/L)	Quarterly									
Feb-21	pH	pН	Quarterly									
Feb-21	Potassium	(mg/L)	Quarterly									
Feb-21	Selenium	(mg/L)	Quarterly									
Feb-21	Sodium	(mg/L)	Quarterly									
Feb-21	Standing Water Level	(m)	Quarterly									
Feb-21	Vanadium	(mg/L)	Quarterly				•					
Feb-21	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).

POINT 31	Groundwater quality monitoring bore marked and sh	own as EPA ID 31 on	The Plans ("VX83/351-1 AND "VX8		06/2020 EPA KEFEI	RENCE DOC20/4/6	695 AND DOC20/	4/6695-1).				
				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
Feb-21	Aluminium	(mg/L)	Quarterly									
Feb-21	Ammonia	(mg/L)	Quarterly									
Feb-21	Arsenic (III)	(mg/L)	Quarterly									
Feb-21	Arsenic (V)	(mg/L)	Quarterly									
Feb-21	Cadmium	(mg/L)	Quarterly									
Feb-21	Chromium (trivalent)	(mg/L)	Quarterly									
Feb-21	Chromium (VI) Compounds	(mg/L)	Quarterly									
Feb-21	Copper	(mg/L)	Quarterly									
Feb-21	Electrical Conductivity	(us/cm)	Quarterly									
Feb-21	Iron	(mg/L)	Quarterly									Next sample due April 2021
Feb-21	Lead	(mg/L)	Quarterly									
Feb-21	Magnesium	(mg/L)	Quarterly									
Feb-21	Manganese	(mg/L)	Quarterly									
Feb-21	Nickel	(mg/L)	Quarterly									
Feb-21	рН	pH	Quarterly									
Feb-21	Potassium	(mg/L)	Quarterly									
Feb-21	Selenium	(mg/L)	Quarterly									
Feb-21	Sodium	(mg/L)	Quarterly									
Feb-21	Standing Water Level	(m)	Quarterly									
Feb-21	Vanadium	(mg/L)	Quarterly									
Feb-21	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
Feb-21	Aluminium	(mg/L)	Quarterly									
Feb-21	Ammonia	(mg/L)	Quarterly									
Feb-21	Arsenic (III)	(mg/L)	Quarterly									
Feb-21	Arsenic (V)	(mg/L)	Quarterly									
Feb-21	Cadmium	(mg/L)	Quarterly									
Feb-21	Chromium (trivalent)	(mg/L)	Quarterly									
Feb-21	Chromium (VI) Compounds	(mg/L)	Quarterly									
Feb-21	Copper	(mg/L)	Quarterly									
Feb-21	Electrical Conductivity	(us/cm)	Quarterly									
Feb-21	Iron	(mg/L)	Quarterly									Next sample due April 2021
Feb-21	Lead	(mg/L)	Quarterly									
Feb-21	Magnesium	(mg/L)	Quarterly									
Feb-21	Manganese	(mg/L)	Quarterly									
Feb-21	Nickel	(mg/L)	Quarterly									
Feb-21	pH	pН	Quarterly									
Feb-21	Potassium	(mg/L)	Quarterly									
Feb-21	Selenium	(mg/L)	Quarterly									
Feb-21	Sodium	(mg/L)	Quarterly									
Feb-21	Standing Water Level	(m)	Quarterly									
Feb-21	Vanadium	(mg/L)	Quarterly									
Feb-21	Zinc	(mg/L)	Quarterly									

POINT 33	Groundwater quality monitoring hore 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 Collected &		Lowest Sample	Mean of	Highest Sample		100 Percentile		
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency		Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Feb-21	Aluminium	(mg/L)	Quarterly									
Feb-21	Ammonia	(mg/L)	Quarterly									
Feb-21	Arsenic (III)	(mg/L)	Quarterly									
Feb-21	Arsenic (V)	(mg/L)	Quarterly									
Feb-21	Cadmium	(mg/L)	Quarterly									
Feb-21	Chromium (trivalent)	(mg/L)	Quarterly									
Feb-21	Chromium (VI) Compounds	(mg/L)	Quarterly									
Feb-21	Copper	(mg/L)	Quarterly									
Feb-21	Electrical Conductivity	(us/cm)	Quarterly									
Feb-21	Iron	(mg/L)	Quarterly									Next sample due April 2021
Feb-21	Lead	(mg/L)	Quarterly									
Feb-21	Magnesium	(mg/L)	Quarterly									
Feb-21	Manganese	(mg/L)	Quarterly									
Feb-21	Nickel	(mg/L)	Quarterly									
Feb-21	pH	pH	Quarterly									
Feb-21	Potassium	(mg/L)	Quarterly									
Feb-21	Selenium	(mg/L)	Quarterly									
Feb-21	Sodium	(mg/L)	Quarterly									
Feb-21	Standing Water Level	(m)	Quarterly									
Feb-21	Vanadium	(mg/L)	Quarterly									
Feb-21	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
Feb-21	Aluminium	(mg/L)	Quarterly									
Feb-21	Ammonia	(mg/L)	Quarterly									
Feb-21	Arsenic (III)	(mg/L)	Quarterly									
Feb-21	Arsenic (V)	(mg/L)	Quarterly									
Feb-21	Cadmium	(mg/L)	Quarterly									
Feb-21	Chromium (trivalent)	(mg/L)	Quarterly									
Feb-21	Chromium (VI) Compounds	(mg/L)	Quarterly									
Feb-21	Copper	(mg/L)	Quarterly									
Feb-21	Electrical Conductivity	(us/cm)	Quarterly									
Feb-21	Iron	(mg/L)	Quarterly									Next sample due April 2021
Feb-21	Lead	(mg/L)	Quarterly									
Feb-21	Magnesium	(mg/L)	Quarterly									
Feb-21	Manganese	(mg/L)	Quarterly									
Feb-21	Nickel	(mg/L)	Quarterly									
Feb-21	рН	pН	Quarterly									
Feb-21	Potassium	(mg/L)	Quarterly									
Feb-21	Selenium	(mg/L)	Quarterly									
Feb-21	Sodium	(mg/L)	Quarterly		,							
Feb-21	Standing Water Level	(m)	Quarterly								·	
Feb-21	Vanadium	(mg/L)	Quarterly								·	
Feb-21	Zinc	(mg/L)	Quarterly									

GENERAL COMMENTS