## **Vales Point Power Station Monthly Environmental Data Summary**

LICENCE NO	761	http://www.epa.nsw.gov.au/prpoeoapp/
LICENCE HOLDER	SUNSET POWER INTERNATIONAL PTY LTD	
REPORTING PERIOD	October 2021	
ADDRESS	VALES ROAD, MANNERING PARK NSW	

(mg/m3)

(mg/m3)

Type 1 and Type 2 substances in aggregate

VOC's as n-propane equivalent

Oct-21

Oct-21



0.75

10

POINT 2 Combined air emissions from boiler 5 via Points 4 to 7 to Point 1 marked and shown as EPA ID 2 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1). 100 Percentile Collected & **Date Sampled** Mean of Concentration Concentration Exceedance Lowest Sample **Highest Sample** Pollutant **Unit of Measure** Sample/Measurement Freque Analysed Value Value Limit Limit (yes/no) Oct-21 Cadmium (mg/m3) Every 6 months 0.2 Oct-21 Chlorine (mg/m3) Every 6 months 20 30 Oct-21 luorine (mg/m3) Every 6 months Oct-21 Hydrogen chloride (mg/m3) Every 6 months 50 Oct-21 0.05 Mercury (mg/m3) Every 6 months (mg/m3) Oct-21 Nitrogen Oxides Continuous 96.5% Oct-21 328 652 794 1100 1500 No Oct-21 Solid Particles (mg/m3) Quarterly 50 Oct-21 Sulfur dioxide (mg/m3) Continuous 96.7% Oct-21 547 736 899 1400 1700 No Every 6 months Oct-21 Sulfuric acid mist and sulfur trioxide (as SO3) (mg/m3) 100

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).

Every 6 months

Every 6 months

FOINT 3	Combined all emissions from boller o via Follits o	10 11 10 1 01111 1 11101	nea ana snown as Er A is s on the		331 171112 17103	7551 2 05/00/20	EO EL ALINEI ENEIN	CE D'O'CEO, 17 00337				
				Samples					99 Percentile	100 Percentile		
				Collected &		Lowest Sample	Mean of	Highest Sample	Concentration	Concentration	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Oct-21	Cadmium	(mg/m3)	Every 6 months							0.2		
Oct-21	Chlorine	(mg/m3)	Every 6 months							20		
Oct-21	Fluorine	(mg/m3)	Every 6 months							30		
Oct-21	Hydrogen chloride	(mg/m3)	Every 6 months							50		
Oct-21	Mercury	(mg/m3)	Every 6 months							0.05		
Oct-21	Nitrogen Oxides	(mg/m3)	Continuous	99.5%	Oct-21	388	599	844	1100	1500	No	
Oct-21	Solid Particles	(mg/m3)	Quarterly							50		
Oct-21	Sulfur dioxide	(mg/m3)	Continuous	99.5%	Oct-21	485	720	902	1400	1700	No	
Oct-21	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months							100		
Oct-21	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months							0.75		
Oct-21	VOC's as n-propane equivalent	(mg/m3)	Every 6 months							10		

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

				Samples						100 Percentile		
				Collected &		Lowest Sample	Mean of	Highest Sample		Concentration		
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Oct-21	Cadmium	(mg/m3)	Every 6 months									
Oct-21	Carbon dioxide	(%)	Every 6 months									
Oct-21	Chlorine	(mg/m3)	Every 6 months									
Oct-21	Flow rate	(m3/s)	Continuous									
Oct-21	Fluorine	(mg/m3)	Every 6 months									
Oct-21	Hydrogen chloride	(mg/m3)	Every 6 months									
Oct-21	Mercury	(mg/m3)	Every 6 months									See note at end of report regarding installation of continuous
Oct-21	Moisture	(%)	Continuous									monitoring instrumentation.
Oct-21	Oxygen (O2)	(%)	Continuous									
Oct-21	Solid Particles	(mg/m3)	Quarterly									
Oct-21	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months									
Oct-21	Temperature	(°C)	Continuous									
Oct-21	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months									
Oct-21	VOC's as n-propane equivalent	(mg/m3)	Every 6 months									

POINT 5	Boiler number 5 exhaust - duct B marked and sho	own as EPA ID 5 on T	he Plans ("VX837351-1 AND "VX837	351-2" 03/06	2020 EPA REFERE	NCE DOC20/4766	5 AND DOC20/4	76695-1).				
				Samples					99 Percentile	100 Percentile		
				Collected &		Lowest Sample	Mean of	Highest Sample	Concentration	Concentration	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Oct-21	Cadmium	(mg/m3)	Every 6 months									
Oct-21	Flow rate	(m3/s)	Continuous									
Oct-21	Mercury	(mg/m3)	Every 6 months									
Oct-21	Moisture	(%)	Continuous									See note at end of report regarding installation of continuous
Oct-21	Oxygen (O2)	(%)	Continuous									monitoring instrumentation.
Oct-21	Solid Particles	(mg/m3)	Quarterly									
Oct-21	Temperature	(°C)	Continuous				<u> </u>					
Oct-21	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months									

POINT 6	Boiler number 5 exhaust - duct C marked and show	wn as EPA ID 6 on Th	ne Plans ("VX837351-1 AND "VX837	351-2" 03/06/	2020 EPA REFERE	NCE DOC20/47669	95 AND DOC20/47	76695-1).				
				Samples					99 Percentile	100 Percentile		
				Collected &		<b>Lowest Sample</b>	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)	
Oct-21	Cadmium	(mg/m3)	Every 6 months									
Oct-21	Carbon dioxide	(%)	Every 6 months									1
Oct-21	Chlorine	(mg/m3)	Every 6 months		•							
Oct 21	Flow rate	(m 2 /c)	Continuous									

Oct-21	Carbon dioxide	(%)	Every 6 months					
Oct-21	Chlorine	(mg/m3)	Every 6 months					
Oct-21	Flow rate	(m3/s)	Continuous					
Oct-21	Fluorine	(mg/m3)	Every 6 months					
Oct-21	Hydrogen chloride	(mg/m3)	Every 6 months					
Oct-21	Mercury	(mg/m3)	Every 6 months					See note at end of report regarding installation of continuous
Oct-21	Moisture	(%)	Continuous					monitoring instrumentation.
Oct-21	Oxygen (O2)	(%)	Continuous					
Oct-21	Solid Particles	(mg/m3)	Quarterly					
Oct-21	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months					
Oct-21	Temperature	(°C)	Continuous					

POINT Boiler number 5 exhaust - duct D marked and shown as EPA ID 7 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).

Every 6 months

Every 6 months

(mg/m3)

(mg/m3)

Oct-21

Oct-21

Type 1 and Type 2 substances in aggregate

VOC's as n-propane equivalent

				Samples					99 Percentile	100 Percentile		
				Collected &		<b>Lowest Sample</b>	Mean of	Highest Sample	Concentration	Concentration	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Oct-21	Cadmium	(mg/m3)	Every 6 months									
Oct-21	Flow rate	(m3/s)	Continuous									
Oct-21	Mercury	(mg/m3)	Every 6 months									
Oct-21	Moisture	(%)	Continuous									See note at end of report regarding installation of continuous
Oct-21	Oxygen (O2)	(%)	Continuous									monitoring instrumentation.
Oct-21	Solid Particles	(mg/m3)	Quarterly									
Oct-21	Temperature	(°C)	Continuous									
Oct-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 as EPA ID 8 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).

				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
Oct-21	Cadmium	(mg/m3)	Every 6 months									
Oct-21	Carbon dioxide	(%)	Every 6 months									
Oct-21	Chlorine	(mg/m3)	Every 6 months									
Oct-21	Flow rate	(m3/s)	Continuous									
Oct-21	Fluorine	(mg/m3)	Every 6 months									
Oct-21	Hydrogen chloride	(mg/m3)	Every 6 months									
Oct-21	Mercury	(mg/m3)	Every 6 months									See note at end of report regarding installation of continuous
Oct-21	Moisture	(%)	Continuous									monitoring instrumentation.
Oct-21	Oxygen (O2)	(%)	Continuous									
Oct-21	Solid Particles	(mg/m3)	Quarterly									
Oct-21	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months									
Oct-21	Temperature	(°C)	Continuous									
Oct-21	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months				•					
Oct-21	VOC's as n-propane equivalent	(mg/m3)	Every 6 months				•					

	5.1				/2020 524 25552			TCCOT 41				
POINT 9	Boiler number 6 exhaust - duct B marked and sh	nown as EPA ID 9 on I	ne Plans ("VX83/351-1 AND "VX83/	Samples	ZUZU EPA KEFEKI	NCE DOC20/4/66	95 AND DOC20/4	76695-1).	99 Percentile	100 Percentile		
				Collected &		Lowest Sample	Mean of	Highest Sample	Concentration		Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Oct-21	Cadmium	(mg/m3)	Every 6 months									
Oct-21	Flow rate	(m3/s)	Continuous									
Oct-21	Mercury	(mg/m3)	Every 6 months									
Oct-21	Moisture	(%)	Continuous									See note at end of report regarding installation of continuous
Oct-21	Oxygen (O2) Solid Particles	(%) (mg/m3)	Continuous									monitoring instrumentation.
Oct-21	Temperature	(mg/m3) (°C)	Quarterly Continuous									
Oct-21	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months									
00121	Type I and Type I substances in aggregate	(6/5)	Every o months		1	1						
POINT 10	Boiler number 6 exhaust - duct C marked and sh	nown as EPA ID 10 on	The Plans ("VX837351-1 AND "VX83	7351-2" 03/0	5/2020 EPA REFER	RENCE DOC20/476	95 AND DOC20/	476695-1).				
				Samples					99 Percentile	100 Percentile		
				Collected &		Lowest Sample	Mean of	<b>Highest Sample</b>	Concentration	Concentration	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Oct-21	Cadmium	(mg/m3)	Every 6 months									
Oct-21	Carbon dioxide	(%)	Every 6 months									
Oct-21	Chlorine	(mg/m3)	Every 6 months									
Oct-21	Flow rate	(m3/s)	Continuous		<del> </del>	<b> </b>		1				
Oct-21	Fluorine	(mg/m3)	Every 6 months		-			1				
Oct-21	Hydrogen chloride  Mercury	(mg/m3) (mg/m3)	Every 6 months Every 6 months		-	-		1				See note at end of report regarding installation of continuous
Oct-21 Oct-21	Moisture	(mg/m3) (%)	Continuous		<del> </del>			1				see note at end of report regarding installation of continuous monitoring instrumentation.
Oct-21	Oxygen (O2)	(%)	Continuous									monitoring instrumentation.
Oct-21	Solid Particles	(mg/m3)	Quarterly									
Oct-21	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months		İ	İ						
Oct-21	Temperature	(°C)	Continuous									
Oct-21	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months									
Oct-21	VOC's as n-propane equivalent	(mg/m3)	Every 6 months									
POINT 11	Boiler number 6 exhaust - duct D marked and sh	nown as EPA ID 11 on	The Plans ("VX837351-1 AND "VX83	7351-2" 03/0	6/2020 EPA REFE	RENCE DOC20/476	595 AND DOC20/	//7660E 1\				
							03371112 2002207	470033-1].				
				Samples					99 Percentile	100 Percentile		
				Collected &		Lowest Sample	Mean of	Highest Sample	Concentration	Concentration	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency		Date Sampled						Exceedance (yes/no)	Comments
Oct-21	Cadmium	(mg/m3)	Every 6 months	Collected &	Date Sampled	Lowest Sample	Mean of	Highest Sample	Concentration	Concentration		Comments
Oct-21 Oct-21	Cadmium Flow rate	(mg/m3) (m3/s)	Every 6 months Continuous	Collected &	Date Sampled	Lowest Sample	Mean of	Highest Sample	Concentration	Concentration		Comments
Oct-21 Oct-21 Oct-21	Cadmium Flow rate Mercury	(mg/m3) (m3/s) (mg/m3)	Every 6 months Continuous Every 6 months	Collected &	Date Sampled	Lowest Sample	Mean of	Highest Sample	Concentration	Concentration		
Oct-21 Oct-21	Cadmium Flow rate Mercury Moisture	(mg/m3) (m3/s)	Every 6 months Continuous	Collected &	Date Sampled	Lowest Sample	Mean of	Highest Sample	Concentration	Concentration		See note at end of report regarding installation of continuous
Oct-21 Oct-21 Oct-21 Oct-21	Cadmium Flow rate Mercury	(mg/m3) (m3/s) (mg/m3) (%) (%)	Every 6 months Continuous Every 6 months Continuous	Collected &	Date Sampled	Lowest Sample	Mean of	Highest Sample	Concentration	Concentration		
Oct-21 Oct-21 Oct-21 Oct-21 Oct-21	Cadmium Flow rate Mercury Moisture Oxygen (O2)	(mg/m3) (m3/s) (mg/m3) (%)	Every 6 months Continuous Every 6 months Continuous Continuous	Collected &	Date Sampled	Lowest Sample	Mean of	Highest Sample	Concentration	Concentration		See note at end of report regarding installation of continuous
Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21	Cadmium Flow rate Mercury Moriture Oxygen (02) Solid Particles	(mg/m3) (m3/s) (mg/m3) (%) (%) (%)	Every 6 months Continuous Every 6 months Continuous Continuous Quarterly	Collected &	Date Sampled	Lowest Sample	Mean of	Highest Sample	Concentration	Concentration		See note at end of report regarding installation of continuous
Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-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	Collected & Analysed		Lowest Sample Value	Mean of Samples	Highest Sample Value	Concentration Limit	Concentration Limit		See note at end of report regarding installation of continuous
Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21	Cadmium Flow rate Mercury Moisture Oxygen (02) Solid Particles Temperature	(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	Collected & Analysed		Lowest Sample Value	Mean of Samples	Highest Sample Value	Concentration Limit	Concentration Limit		See note at end of report regarding installation of continuous
Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-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	Collected & Analysed  Analysed		Lowest Sample Value	Mean of Samples	Highest Sample Value	Concentration Limit	Concentration Limit		See note at end of report regarding installation of continuous
Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-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	Collected & Analysed  Analysed  Plans ("VX8:  Samples		Lowest Sample Value	Mean of Samples	Highest Sample Value	Concentration Limit  6 AND DOC20/47  99 Percentile	Concentration Limit  6695-1).	(yes/no)	See note at end of report regarding installation of continuous
Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21	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	(mg/m3) (m3/s) (mg/m3) (%) (%) (%) (mg/m3) (*C) (mg/m3) B (points 4 and 5) ma	Every 6 months Continuous Every 6 months Continuous Continuous Quarterly Continuous Every 6 months	collected & Analysed  Analysed  e Plans ("VX8: Samples Collected &	37351-1 AND "VX8	Lowest Sample Value	Mean of Samples	Highest Sample Value  NCE DOC20/476699	Concentration Limit  S AND DOC20/47  99 Percentile Concentration	Concentration Limit  6695-1).  100 Percentile Concentration	(yes/no)	See note at end of report regarding installation of continuous monitoring instrumentation.
Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Month	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	(mg/m3) (m3/s) (mg/m3) (%) (%) (%) (mg/m3) (°C) (mg/m3) B (points 4 and 5) ma	Every 6 months Continuous Every 6 months Continuous Continuous Continuous Quarterly Continuous Every 6 months	collected & Analysed  Plans ("VX8: Samples Collected & Analysed	37351-1 AND "VX	Lowest Sample Value  337351-2" 03/06/	Mean of Samples  2020 EPA REFERE  Mean of Samples	Highest Sample Value  NCE DOC20/476699  Highest Sample Value	Concentration Limit  6 AND DOC20/47  99 Percentile	Concentration Limit  6695-1).	(yes/no)  Exceedance (yes/no)	See note at end of report regarding installation of continuous
Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21	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  Pollutant Nitrogen Oxides	(mg/m3) (m3/s) (mg/m3) (%) (%) (%) (mg/m3) (*C) (mg/m3)  B (points 4 and 5) mg  Unit of Measure (mg/m3)	Every 6 months Continuous Every 6 months Continuous Continuous Continuous Quarterly Continuous Every 6 months  arked and shown as EPA ID 12 on Th	Collected & Analysed  Plans ("VX8: Samples Collected & Analysed 94.4%	27351-1 AND "VX:  Date Sampled Oct-21	Lowest Sample Value  337351-2" 03/06/: Lowest Sample Value 258	Mean of Samples  2020 EPA REFERE  Mean of Samples 624	Highest Sample Value  NCE DOC20/47669: Highest Sample Value 779	Concentration Limit  S AND DOC20/47  99 Percentile Concentration	Concentration Limit  6695-1).  100 Percentile Concentration	Exceedance (yes/no) No	See note at end of report regarding installation of continuous monitoring instrumentation.
Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Month	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	(mg/m3) (m3/s) (mg/m3) (%) (%) (%) (mg/m3) (°C) (mg/m3) B (points 4 and 5) ma	Every 6 months Continuous Every 6 months Continuous Continuous Continuous Quarterly Continuous Every 6 months	collected & Analysed  Plans ("VX8: Samples Collected & Analysed	37351-1 AND "VX	Lowest Sample Value  337351-2" 03/06/	Mean of Samples  2020 EPA REFERE  Mean of Samples	Highest Sample Value  NCE DOC20/476699  Highest Sample Value	Concentration Limit  S AND DOC20/47  99 Percentile Concentration	Concentration Limit  6695-1).  100 Percentile Concentration	(yes/no)  Exceedance (yes/no)	See note at end of report regarding installation of continuous monitoring instrumentation.
Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-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 Pollutant Nitrogen Oxides Sulfur dioxide	(mg/m3) (m3/s) (m3/s) (mg/m3) (%) (%) (mg/m3) (°C) (mg/m3)  B (points 4 and 5) ma  Unit of Measure (mg/m3) (mg/m3)	Every 6 months Continuous Every 6 months Continuous Continuous Continuous Quarterly Continuous Every 6 months  arked and shown as EPA ID 12 on Th  Sample/Measurement Frequency Continuous Continuous	e Plans ("VX8: Samples Analysed  4 Analysed  94.4%	Date Sampled Oct-21 Oct-21	Lowest Sample Value  337351-2" 03/06/3  Lowest Sample Value 258 348	Mean of Samples  2020 EPA REFERE  Mean of Samples 624 699	Highest Sample Value  NCE DOC20/476699  Highest Sample Value 779 873	Concentration Limit  S AND DOC20/47  99 Percentation Limit	Concentration Limit  6695-1).  100 Percentile Concentration Limit	Exceedance (yes/no) No	See note at end of report regarding installation of continuous monitoring instrumentation.
Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21	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  Pollutant Nitrogen Oxides	(mg/m3) (m3/s) (m3/s) (mg/m3) (%) (%) (mg/m3) (°C) (mg/m3)  B (points 4 and 5) ma  Unit of Measure (mg/m3) (mg/m3)	Every 6 months Continuous Every 6 months Continuous Continuous Continuous Quarterly Continuous Every 6 months  arked and shown as EPA ID 12 on Th  Sample/Measurement Frequency Continuous Continuous	e Plans ("VX8: Samples Analysed  4 Analysed  94.4%	Date Sampled Oct-21 Oct-21	Lowest Sample Value  337351-2" 03/06/3  Lowest Sample Value 258 348	Mean of Samples  2020 EPA REFERE  Mean of Samples 624 699	Highest Sample Value  NCE DOC20/476699  Highest Sample Value 779 873	Concentration Limit  S AND DOC20/47  99 Percentation Limit	Concentration Limit  6695-1).  100 Percentile Concentration Limit	Exceedance (yes/no) No	See note at end of report regarding installation of continuous monitoring instrumentation.
Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-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 Pollutant Nitrogen Oxides Sulfur dioxide	(mg/m3) (m3/s) (m3/s) (mg/m3) (%) (%) (mg/m3) (°C) (mg/m3)  B (points 4 and 5) ma  Unit of Measure (mg/m3) (mg/m3)	Every 6 months Continuous Every 6 months Continuous Continuous Continuous Quarterly Continuous Every 6 months  arked and shown as EPA ID 12 on Th  Sample/Measurement Frequency Continuous Continuous	e Plans ("VX8: Samples Analysed  4 Analysed  94.4%	Date Sampled Oct-21 Oct-21	Lowest Sample Value  337351-2" 03/06/3  Lowest Sample Value 258 348	Mean of Samples  2020 EPA REFERE  Mean of Samples 624 699	Highest Sample Value  NCE DOC20/476699  Highest Sample Value 779 873	Concentration Limit  S AND DOC20/47  99 Percentation Limit	Concentration Limit  6695-1).  100 Percentile Concentration Limit	Exceedance (yes/no) No	See note at end of report regarding installation of continuous monitoring instrumentation.
Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-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 Pollutant Nitrogen Oxides Sulfur dioxide	(mg/m3) (m3/s) (m3/s) (mg/m3) (%) (%) (mg/m3) (°C) (mg/m3)  B (points 4 and 5) ma  Unit of Measure (mg/m3) (mg/m3)	Every 6 months Continuous Every 6 months Continuous Continuous Continuous Quarterly Continuous Every 6 months  arked and shown as EPA ID 12 on Th  Sample/Measurement Frequency Continuous Continuous	e Plans ("VX83 Samples Collected & Analysed 94.4% Plans ("VX83	Date Sampled Oct-21 Oct-21	Lowest Sample Value  337351-2" 03/06/3  Lowest Sample Value 258 348	Mean of Samples  2020 EPA REFERE  Mean of Samples 624 699	Highest Sample Value  NCE DOC20/476699  Highest Sample Value 779 873	Concentration Limit  6 AND DOC20/47  99 Percentile Concentration Limit  AND DOC20/476	Concentration Limit  6695-1).  100 Percentile Concentration Limit	Exceedance (yes/no) No	See note at end of report regarding installation of continuous monitoring instrumentation.
Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21  Month Oct-21 Oct-21 Oct-21 Oct-21	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  Pollutant Nitrogen Oxides Sulfur dioxide  Boiler number 5 combined exhaust - duct C and	(mg/m3) (m3/s) (m3/s) (mg/m3) (%) (%) (%) (mg/m3) (*C) (mg/m3)  B (points 4 and 5) ma  Unit of Measure (mg/m3) (mg/m3)	Every 6 months Continuous Every 6 months Continuous Continuous Continuous Quarterly Continuous Every 6 months  arked and shown as EPA ID 12 on The Sample/Measurement Frequency Continuous Continuous Continuous Continuous	e Plans ("VX8: Samples Collected & Analysed  Plans ("VX8: Samples Collected & Analysed  Plans ("VX8: Analysed	Date Sampled Oct-21 Oct-21 7351-1 AND "VX8 Date Sampled	Lowest Sample Value  337351-2" 03/06/2  Lowest Sample Value 258 348  37351-2" 03/06/2  Lowest Sample Value	Mean of Samples  2020 EPA REFERENCE  Mean of Samples  624 699  020 EPA REFERENCE  Mean of Samples	Highest Sample Value  NCE DOC20/476695  Highest Sample Value 779 873  NCE DOC20/476695  Highest Sample Value	S AND DOC20/47  99 Percentile Concentration Limit  AND DOC20/47  99 Percentile	Concentration Limit  6695-1).  100 Percentile Concentration Limit  100 Percentile	Exceedance (yes/no) No No Exceedance (yes/no)	See note at end of report regarding installation of continuous monitoring instrumentation.
Oct-21 Oct-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  Pollutant Nitrogen Oxides  Boiler number 5 combined exhaust - duct C and	(mg/m3) (m3/s) (m3/s) (mg/m3) (%) (%) (%) (%) (mg/m3) (*C) (mg/m3)  B (points 4 and 5) ma  Unit of Measure (mg/m3)  D (points 6 and 7) ma  Unit of Measure (mg/m3)	Every 6 months Continuous Every 6 months Continuous Continuous Continuous Quarterly Continuous Every 6 months  Every 6 months	e Plans ("VX83 Samples Collected & Analysed  94.4% 94.4% Samples Collected & Analysed 94.9%	Date Sampled	Lowest Sample Value  337351-2" 03/06/3  Lowest Sample Value 258 348  37351-2" 03/06/2  Lowest Sample Value 345	Mean of Samples  2020 EPA REFERE  Mean of Samples 624 699 020 EPA REFEREN  Mean of Samples 681	Highest Sample Value  NCE DOC20/476699  Highest Sample Value 779 873  NCE DOC20/476695  Highest Sample Value 876	S AND DOC20/47  99 Percentile Concentration Limit  AND DOC20/47  99 Percentile Concentration	Concentration Limit  16695-1).  100 Percentile Concentration Limit  100 Percentile Concentration	Exceedance (yes/no) No No No No No No	See note at end of report regarding installation of continuous monitoring instrumentation.  Comments
Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21  Month Oct-21 Oct-21 Oct-21 Oct-21	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  Pollutant Nitrogen Oxides Sulfur dioxide  Boiler number 5 combined exhaust - duct C and	(mg/m3) (m3/s) (m3/s) (mg/m3) (%) (%) (%) (mg/m3) (*C) (mg/m3)  B (points 4 and 5) ma  Unit of Measure (mg/m3) (mg/m3)	Every 6 months Continuous Every 6 months Continuous Continuous Continuous Quarterly Continuous Every 6 months  arked and shown as EPA ID 12 on The Sample/Measurement Frequency Continuous Continuous Continuous Continuous	e Plans ("VX8: Samples Collected & Analysed  Plans ("VX8: Samples Collected & Analysed  Plans ("VX8: Analysed	Date Sampled Oct-21 Oct-21 7351-1 AND "VX8 Date Sampled	Lowest Sample Value  337351-2" 03/06/2  Lowest Sample Value 258 348  37351-2" 03/06/2  Lowest Sample Value	Mean of Samples  2020 EPA REFERENCE  Mean of Samples  624 699  020 EPA REFERENCE  Mean of Samples	Highest Sample Value  NCE DOC20/476695  Highest Sample Value 779 873  NCE DOC20/476695  Highest Sample Value	S AND DOC20/47  99 Percentile Concentration Limit  AND DOC20/47  99 Percentile Concentration	Concentration Limit  16695-1).  100 Percentile Concentration Limit  100 Percentile Concentration	Exceedance (yes/no) No No Exceedance (yes/no)	See note at end of report regarding installation of continuous monitoring instrumentation.  Comments
Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21  Month Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21	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  Pollutant Nitrogen Oxides Sulfur dioxide  Pollutant Nitrogen Oxides Sulfur dioxide  Pollutant Nitrogen Oxides Sulfur dioxide	(mg/m3) (m3/s) (m3/s) (mg/m3) (%) (%) (%) (%) (mg/m3) (*C) (mg/m3)  B (points 4 and 5) max (mg/m3) (mg/m3) (mg/m3)  Unit of Measure (mg/m3) (mg/m3) (mg/m3)	Every 6 months Continuous Every 6 months Continuous Continuous Continuous Quarterly Continuous Every 6 months  Every 6 months	Collected & Analysed  Plans ("VX8: Samples Collected & Analysed 94.4% 94.4% 94.4% 194.9% Plans ("VX83  Samples Collected & Analysed 98.7% 98.9%	Date Sampled Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21	Lowest Sample Value  Lowest Sample Value  258 348  37351-2" 03/06/2  Lowest Sample Value 258 348  37351-2" 03/06/2  Lowest Sample Value 345 548	Mean of Samples  Mean of Samples  Mean of Samples  624 699  020 EPA REFEREN  Mean of Samples 681 774	Highest Sample Value  NCE DOC20/476699  Highest Sample Value 7779 873  Highest Sample Value 876 924	S AND DOC20/47  99 Percentile Concentration Limit  AND DOC20/47  99 Percentile Concentration Limit	Concentration Limit  100 Percentile Concentration Limit  100 Percentile Concentration Limit  100 Percentile Limit	Exceedance (yes/no) No No No No No No	See note at end of report regarding installation of continuous monitoring instrumentation.  Comments
Oct-21 Oct-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  Pollutant Nitrogen Oxides  Boiler number 5 combined exhaust - duct C and	(mg/m3) (m3/s) (m3/s) (mg/m3) (%) (%) (%) (%) (mg/m3) (*C) (mg/m3)  B (points 4 and 5) max (mg/m3) (mg/m3) (mg/m3)  Unit of Measure (mg/m3) (mg/m3) (mg/m3)	Every 6 months Continuous Every 6 months Continuous Continuous Continuous Quarterly Continuous Every 6 months  Every 6 months	Collected & Analysed  Plans ("VX8: Samples Collected & Analysed 94.4% 94.4% 94.4% 194.9% Plans ("VX83  Samples Collected & Analysed 98.7% 98.9%	Date Sampled Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21	Lowest Sample Value  Lowest Sample Value  258 348  37351-2" 03/06/2  Lowest Sample Value 258 348  37351-2" 03/06/2  Lowest Sample Value 345 548	Mean of Samples  Mean of Samples  Mean of Samples  624 699  020 EPA REFEREN  Mean of Samples 681 774	Highest Sample Value  NCE DOC20/476699  Highest Sample Value 7779 873  Highest Sample Value 876 924	S AND DOC20/47  99 Percentile Concentration Limit  AND DOC20/47  99 Percentile Concentration Limit	Concentration Limit  100 Percentile Concentration Limit  100 Percentile Concentration Limit  100 Percentile Limit	Exceedance (yes/no) No No No No No No	See note at end of report regarding installation of continuous monitoring instrumentation.  Comments
Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21  Month Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21	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  Pollutant Nitrogen Oxides Sulfur dioxide  Pollutant Nitrogen Oxides Sulfur dioxide  Pollutant Nitrogen Oxides Sulfur dioxide	(mg/m3) (m3/s) (m3/s) (mg/m3) (%) (%) (%) (%) (mg/m3) (*C) (mg/m3)  B (points 4 and 5) max (mg/m3) (mg/m3) (mg/m3)  Unit of Measure (mg/m3) (mg/m3) (mg/m3)	Every 6 months Continuous Every 6 months Continuous Continuous Continuous Quarterly Continuous Every 6 months  Every 6 months	e Plans ("VX83  Samples Collected & Analysed  94.4%  Plans ("VX83  Samples Collected & Analysed 98.7% 98.9%	Date Sampled Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21	Lowest Sample Value  Lowest Sample Value  258 348  37351-2" 03/06/2  Lowest Sample Value 258 348  37351-2" 03/06/2  Lowest Sample Value 345 548	Mean of Samples  Mean of Samples  Mean of Samples  624 699  020 EPA REFEREN  Mean of Samples 681 774	Highest Sample Value  NCE DOC20/476699  Highest Sample Value 7779 873  Highest Sample Value 876 924	S AND DOC20/47	Concentration Limit  106995-1).  100 Percentile Concentration Limit  100 Percentile Concentration Limit  6695-1).	Exceedance (yes/no) No No No No No No	See note at end of report regarding installation of continuous monitoring instrumentation.  Comments
Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21  Month Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21	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  Pollutant Nitrogen Oxides Sulfur dioxide  Pollutant Nitrogen Oxides Sulfur dioxide  Pollutant Nitrogen Oxides Sulfur dioxide	(mg/m3) (m3/s) (m3/s) (mg/m3) (%) (%) (%) (%) (mg/m3) (*C) (mg/m3)  B (points 4 and 5) max (mg/m3) (mg/m3) (mg/m3)  Unit of Measure (mg/m3) (mg/m3) (mg/m3)	Every 6 months Continuous Every 6 months Continuous Continuous Continuous Quarterly Continuous Every 6 months  Every 6 months	e Plans ("VX8: Samples Collected & Analysed  94.4% 94.4% 94.4% Plans ("VX83 Samples Collected & Analysed 98.7% 98.9% Plans ("VX83	Date Sampled Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21	Lowest Sample Value  1337351-2" 03/06/2  Lowest Sample Value 258 348  37351-2" 03/06/2  Lowest Sample Value 345 548  37351-2" 03/06/2	Mean of Samples  Mean of Samples  Mean of Samples  624 699  020 EPA REFEREN  Mean of Samples 681 774  020 EPA REFEREN	Highest Sample Value  NCE DOC20/476695  Highest Sample Value 779 873  NCE DOC20/476695  Highest Sample Value 876 924  NCE DOC20/476695	S AND DOC20/47  99 Percentile Concentration Limit  AND DOC20/47  99 Percentile Concentration Limit  AND DOC20/477  99 Percentile	Concentration Limit  100 Percentile Concentration Limit  100 Percentile Concentration Limit  100 Percentile Concentration Limit  100 Percentile Concentration Limit	Exceedance (yes/no) No No No No No No	See note at end of report regarding installation of continuous monitoring instrumentation.  Comments
Oct-21 Oct-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  Pollutant Nitrogen Oxides Sulfur dioxide  Boiler number 5 combined exhaust - duct C and  Pollutant Nitrogen Oxides Sulfur dioxide  Boiler number 6 combined exhaust - duct A and	(mg/m3) (m3/s) (m3/s) (mg/m3) (%) (%) (%) (mg/m3) (*C) (mg/m3)  B (points 4 and 5) max (mg/m3) (mg/m3)  D (points 6 and 7) max  Unit of Measure (mg/m3) (mg/m3)  B (points 8 and 9) max (mg/m3)	Every 6 months Continuous Every 6 months Continuous Continuous Continuous Quarterly Continuous Every 6 months E	e Plans ("VX83 Samples Collected & Analysed  94.4% 94.4% 94.4% 94.8" Plans ("VX83 Samples Collected & Analysed 98.7% 98.9% Plans ("VX83 Samples Collected & Collec	Date Sampled	Lowest Sample Value  Lowest Sample Value  258 348 37351-2" 03/06/2  Lowest Sample Value 345 548 37351-2" 03/06/2  Lowest Sample Value 345 548	Mean of Samples  2020 EPA REFERE  Mean of Samples 624 699 020 EPA REFEREN  Mean of Samples 681 774 020 EPA REFEREN	Highest Sample Value  NCE DOC20/476699  Highest Sample Value 779 873  ICE DOC20/476695  Highest Sample Value 876 924  ICE DOC20/476695  Highest Sample Value 876 924  ICE DOC20/476695	SAND DOC20/47  99 Percentile Concentration Limit  AND DOC20/47  99 Percentile Concentration Limit  AND DOC20/47  99 Percentile Concentration Limit  Concentration Limit	Concentration Limit  100 Percentile Concentration Limit  100 Percentile Concentration Limit  100 Percentile Concentration Limit  100 Percentile Concentration Limit	Exceedance (yes/no) No No No No Exceedance (yes/no) No No	See note at end of report regarding installation of continuous monitoring instrumentation.  Comments  Comments
Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21  POINT 12  Month Oct-21  POINT 13  Month Oct-21 Oct-21 Oct-21  Month Oct-21 Oct-21 Oct-21  Month Oct-21 Oct-21 Oct-21 Oct-21	Cadmium Flow rate Mercury Moisture Oxygen (O2) Soylen (O2) Soylen (O2) Temperature Type 1 and Type 2 substances in aggregate  Boiler number 5 combined exhaust - duct A and Pollutant Nitrogen Oxides Sulfur dioxide  Boiler number 5 combined exhaust - duct C and Pollutant Nitrogen Oxides Sulfur dioxide  Boiler number 6 combined exhaust - duct A and Pollutant Nitrogen Oxides Sulfur dioxide	(mg/m3) (m3/s) (m3/s) (mg/m3) (%) (%) (mg/m3) (°C) (mg/m3)  B (points 4 and 5) min  Unit of Measure (mg/m3) (mg/m3)  D (points 6 and 7) min  Unit of Measure (mg/m3) (mg/m3)  B (points 8 and 9) min  Unit of Measure	Every 6 months Continuous Every 6 months Continuous Continuous Continuous Quarterly Continuous Every 6 months  Every 6 months	e Plans ("VX83 Samples Collected & Analysed 94.4% 94.4% Plans ("VX83 Samples Collected & Analysed 98.9% Plans ("VX83 Samples Collected & Analysed Analysed Analysed	Date Sampled Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21 Oct-21	Lowest Sample Value  337351-2" 03/06/3  Lowest Sample Value 258 348 37351-2" 03/06/2  Lowest Sample Value 345 548  37351-2" 03/06/2  Lowest Sample Value 404 405 405 407 406 407 408 408 408 408 408 408 408 408 408 408	Mean of Samples  2020 EPA REFERE  Mean of Samples 624 699 020 EPA REFERE!  Mean of Samples 681 774 020 EPA REFERE!	Highest Sample Value  NCE DOC20/476699  Highest Sample Value  779  873  NCE DOC20/476695  Highest Sample Value  876 924  NCE DOC20/476695  Highest Sample Value	S AND DOC20/47  99 Percentile Concentration Limit  AND DOC20/47  99 Percentile Concentration Limit  AND DOC20/477  99 Percentile	Concentration Limit  100 Percentile Concentration Limit  100 Percentile Concentration Limit  100 Percentile Concentration Limit  100 Percentile Concentration Limit	Exceedance (yes/no) No No Exceedance (yes/no) No No Exceedance (yes/no) No Exceedance (yes/no)	See note at end of report regarding installation of continuous monitoring instrumentation.  Comments
Oct-21 Oct-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  Pollutant Nitrogen Oxides Sulfur dioxide  Boiler number 5 combined exhaust - duct C and  Pollutant Nitrogen Oxides Sulfur dioxide  Boiler number 6 combined exhaust - duct A and	(mg/m3) (m3/s) (m3/s) (mg/m3) (%) (%) (%) (mg/m3) (*C) (mg/m3)  B (points 4 and 5) max (mg/m3) (mg/m3)  D (points 6 and 7) max  Unit of Measure (mg/m3) (mg/m3)  B (points 8 and 9) max (mg/m3)	Every 6 months Continuous Every 6 months Continuous Continuous Continuous Quarterly Continuous Every 6 months  arked and shown as EPA ID 12 on The Sample/Measurement Frequency Continuous Continuous Continuous Continuous  arked and shownas EPA ID 13 on The Sample/Measurement Frequency Continuous Continuous Continuous Continuous Continuous Continuous Continuous Continuous	e Plans ("VX83 Samples Collected & Analysed  94.4% 94.4% 94.4% 94.8" Plans ("VX83 Samples Collected & Analysed 98.7% 98.9% Plans ("VX83 Samples Collected & Collec	Date Sampled	Lowest Sample Value  Lowest Sample Value  258 348 37351-2" 03/06/2  Lowest Sample Value 345 548 37351-2" 03/06/2  Lowest Sample Value 345 548	Mean of Samples  2020 EPA REFERE  Mean of Samples 624 699 020 EPA REFEREN  Mean of Samples 681 774 020 EPA REFEREN	Highest Sample Value  NCE DOC20/476699  Highest Sample Value 779 873  ICE DOC20/476695  Highest Sample Value 876 924  ICE DOC20/476695  Highest Sample Value 876 924  ICE DOC20/476695	SAND DOC20/47  99 Percentile Concentration Limit  AND DOC20/47  99 Percentile Concentration Limit  AND DOC20/47  99 Percentile Concentration Limit  Concentration Limit	Concentration Limit  100 Percentile Concentration Limit  100 Percentile Concentration Limit  100 Percentile Concentration Limit  100 Percentile Concentration Limit	Exceedance (yes/no) No No No No Exceedance (yes/no) No No	See note at end of report regarding installation of continuous monitoring instrumentation.  Comments  Comments

POINT 15	Boiler number 6 combined exhaust - duct C and D	(points 10 and 11) r	narked and shownas EPA ID 12 on T	he Plans ("VX	837351-1 AND "V	X837351-2" 03/06	/2020 EPA REFER	ENCE DOC20/4766	95 AND DOC20/4	176695-1).		
				Samples					99 Percentile	100 Percentile		
				Collected &		Lowest Sample	Mean of	Highest Sample	Concentration	Concentration	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Oct-21	Nitrogen Oxides	(mg/m3)	Continuous	99.6%	Oct-21	244	642	1043			No	_
Oct-21	Sulfur dioxide	(mg/m3)	Continuous	99.6%	Oct-21	417	701	870			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 DOC20/4	76695 AND DOC20/476695-1).

				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
Oct-21	Chlorine (free residual)	(mg/L)	Monthly during discharge	1	21/10/2021	<0.1	<0.1	<0.1		0.2	No	
Oct-21	Copper	(mg/L)	Monthly during discharge	1	21/10/2021	0.004	0.004	0.004		0.005	No	
Oct-21	Iron	(mg/L)	Monthly during discharge	1	21/10/2021	0.166	0.166	0.166		0.3	No	
Oct-21	Oil and Grease	Visible	Continuous during discharge	100%	Oct-21	NIL	NIL	NIL				
Oct-21	Selenium	(mg/L)	Monthly during discharge	1	21/10/2021	<0.002	<0.002	<0.002		0.005	No	
Oct-21	Temperature	(°C)	Continuous during discharge	100%	Oct-21	21.7	25.8	30.3	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).

POINT 23	Discharge of supernatant water from the asir dan	to the cooming water	outlet canal to wyee bay marked		ELIXIB ES OIL TIN	110115 ( 17105755	11/11/12 1/105/5	31 2 03/00/2020				0035 1/1
				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
Oct-21	Aluminium	(mg/L)	Monthly during discharge	1	21/10/2021	0.125	0.125	0.125				
Oct-21	Ammonia	(mg/L)	Monthly during discharge	1	21/10/2021	0.21	0.21	0.21				
Oct-21	Arsenic (III)	(mg/L)	Monthly during discharge	1	21/10/2021	< 0.001	< 0.001	< 0.001				
Oct-21	Arsenic (V)	(mg/L)	Monthly during discharge	1	21/10/2021	0.0064	0.0064	0.0064				
Oct-21	Cadmium	(mg/L)	Monthly during discharge	1	21/10/2021	<0.0002	< 0.0002	< 0.0002				
Oct-21	Chromium (trivalent)	(mg/L)	Monthly during discharge	1	21/10/2021	0.010	0.010	0.010				
Oct-21	Chromium (VI) Compounds	(mg/L)	Monthly during discharge	1	21/10/2021	0.020	0.020	0.020				
Oct-21	Copper	(mg/L)	Monthly during discharge	1	21/10/2021	< 0.001	< 0.001	< 0.001				
Oct-21	Iron	(mg/L)	Monthly during discharge	1	21/10/2021	0.17	0.17	0.17				
Oct-21	Lead	(mg/L)	Monthly during discharge	1	21/10/2021	<0.0002	<0.0002	< 0.0002				
Oct-21	Manganese	(mg/L)	Monthly during discharge	1	21/10/2021	0.0089	0.0089	0.0089				
Oct-21	Nickel	(mg/L)	Monthly during discharge	1	21/10/2021	<0.0005	< 0.0005	< 0.0005				
Oct-21	Nitrate + nitrite (oxidised nitrogen)	(mg/L)	Monthly during discharge	1	21/10/2021	0.36	0.36	0.36				
Oct-21	Nitrogen	(mg/L)	Monthly during discharge	1	21/10/2021	<0.1	<0.1	<0.1				
Oct-21	pH	pН	Monthly during discharge	1	21/10/2021	8.90	8.90	8.90		6.5 - 9.5	No	
Oct-21	Phosphorus	(mg/L)	Monthly during discharge	1	21/10/2021	<0.1	< 0.1	<0.1				
Oct-21	Reactive Phosphorus	(mg/L)	Monthly during discharge	1	21/10/2021	0.04	0.04	0.04				
Oct-21	Selenium	(mg/L)	Monthly during discharge	1	21/10/2021	0.116	0.116	0.116				
Oct-21	Total Kjeldahl Nitrogen	(mg/L)	Monthly during discharge	1	21/10/2021	<0.1	<0.1	<0.1				
Oct-21	Total Suspended Solids	(mg/L)	Monthly during discharge	1	21/10/2021	<2	<2	<2		50	No	
Oct-21	Vanadium	(mg/L)	Monthly during discharge	1	21/10/2021	0.0952	0.0952	0.0952				
Oct-21	Zinc	(mg/L)	Monthly during discharge	1	21/10/2021	< 0.005	< 0.005	< 0.005				

POINT 24	4 Discharge of seepage water from the ash dam rehabilitation area to Mannering Bay marked and shown as EPA ID 24 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	Discharge	100 Percentile Concentration	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	(yes/no)	Limit	(yes/no)	Comments
Oct-21	Aluminium	(mg/L)	Monthly during discharge	1	21/10/2021				No			
Oct-21	Ammonia	(mg/L)	Monthly during discharge	1	21/10/2021				No			
Oct-21	Arsenic (III)	(mg/L)	Monthly during discharge	1	21/10/2021				No			
Oct-21	Arsenic (V)	(mg/L)	Monthly during discharge	1	21/10/2021				No			
Oct-21	Cadmium	(mg/L)	Monthly during discharge	1	21/10/2021				No			
Oct-21	Chromium (trivalent)	(mg/L)	Monthly during discharge	1	21/10/2021				No			
Oct-21	Chromium (VI) Compounds	(mg/L)	Monthly during discharge	1	21/10/2021				No			
Oct-21	Copper	(mg/L)	Monthly during discharge	1	21/10/2021				No			
Oct-21	Iron	(mg/L)	Monthly during discharge	1	21/10/2021				No			
Oct-21	Lead	(mg/L)	Monthly during discharge	1	21/10/2021				No			No discharge from EPA Point 24 during October 2021
Oct-21	Manganese	(mg/L)	Monthly during discharge	1	21/10/2021				No			
Oct-21	Nickel	(mg/L)	Monthly during discharge	1	21/10/2021				No			
Oct-21	Nitrate + nitrite (oxidised nitrogen)	(mg/L)	Monthly during discharge	1	21/10/2021				No			
Oct-21	Nitrogen	(mg/L)	Monthly during discharge	1	21/10/2021				No			
Oct-21	pH	pH	Monthly during discharge	1	21/10/2021				No	6.5 - 9.5	No	
Oct-21	Phosphorus	(mg/L)	Monthly during discharge	1	21/10/2021				No			
Oct-21	Reactive Phosphorus	(mg/L)	Monthly during discharge	1	21/10/2021				No			
Oct-21	Selenium	(mg/L)	Monthly during discharge	1	21/10/2021				No			
Oct-21	Total Kjeldahl Nitrogen	(mg/L)	Monthly during discharge	1	21/10/2021				No			
Oct-21	Total Suspended Solids	(mg/L)	Monthly during discharge	1	21/10/2021				No	50	No	
Oct-21	Vanadium	(mg/L)	Monthly during discharge	1	21/10/2021				No			
Oct-21	Zinc	(mg/L)	Monthly during discharge	1	21/10/2021				No			

POINT 25	Discharge of over boarded water from the ash dam to Mannering Bay marked and shown as EPA ID 25 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).											
				Samples Collected &		Lowest Sample	Mean of	Highest Sample	Discharge (yes/no)	100 Percentile Concentration	Exceedance	
Month	Pollutant		Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value		Limit	(yes/no)	Comments
Oct-21	Aluminium	(mg/L)	Daily for any discharge >2 hrs						No			
Oct-21	Ammonia	(mg/L)	Daily for any discharge >2 hrs						No			
Oct-21	Arsenic (III)	(mg/L)	Daily for any discharge >2 hrs						No			
Oct-21	Arsenic (V)	(mg/L)	Daily for any discharge >2 hrs						No			
Oct-21	Cadmium	(mg/L)	Daily for any discharge >2 hrs						No			
Oct-21	Chromium (trivalent)	(mg/L)	Daily for any discharge >2 hrs						No			
Oct-21	Chromium (VI) Compounds	(mg/L)	Daily for any discharge >2 hrs						No			
Oct-21	Copper	(mg/L)	Daily for any discharge >2 hrs						No			
Oct-21	Iron	(mg/L)	Daily for any discharge >2 hrs						No			
Oct-21	Lead	(mg/L)	Daily for any discharge >2 hrs						No			
Oct-21	Manganese	(mg/L)	Daily for any discharge >2 hrs						No			
Oct-21	Nickel	(mg/L)	Daily for any discharge >2 hrs						No			No discharge from EPA Point 25 during October 2021
Oct-21	Nitrate + nitrite (oxidised nitrogen)	(mg/L)	Daily for any discharge >2 hrs						No			
Oct-21	Nitrogen	(mg/L)	Daily for any discharge >2 hrs						No			
Oct-21	рН	pH	Daily for any discharge >2 hrs						No	6.5 - 9.5	No	
Oct-21	Phosphorus	(mg/L)	Daily for any discharge >2 hrs						No			
Oct-21	Reactive Phosphorus	(mg/L)	Daily for any discharge >2 hrs						No			
Oct-21	Selenium	(mg/L)	Daily for any discharge >2 hrs						No			
Oct-21	Total Kjeldahl Nitrogen	(mg/L)	Daily for any discharge >2 hrs						No			
Oct-21	Total Suspended Solids	(mg/L)	Daily for any discharge >2 hrs						No	50	No	
Oct-21	Vanadium	(mg/L)	Daily for any discharge >2 hrs						No			
Oct-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
Oct-21	Aluminium	(mg/L)	Quarterly									
Oct-21	Ammonia	(mg/L)	Quarterly									
Oct-21	Arsenic (III)	(mg/L)	Quarterly									_
Oct-21	Arsenic (V)	(mg/L)	Quarterly									
Oct-21	Cadmium	(mg/L)	Quarterly									_
Oct-21	Chromium (trivalent)	(mg/L)	Quarterly									
Oct-21	Chromium (VI) Compounds	(mg/L)	Quarterly									_
Oct-21	Copper	(mg/L)	Quarterly									
Oct-21	Electrical Conductivity	(us/cm)	Quarterly									
Oct-21	Iron	(mg/L)	Quarterly									_
Oct-21	Lead	(mg/L)	Quarterly									Next sample due before end of December 2021
Oct-21	Magnesium	(mg/L)	Quarterly									
Oct-21	Manganese	(mg/L)	Quarterly									
Oct-21	Nickel	(mg/L)	Quarterly									
Oct-21	рН	pН	Quarterly									
Oct-21	Potassium	(mg/L)	Quarterly									
Oct-21	Selenium	(mg/L)	Quarterly									
Oct-21	Sodium	(mg/L)	Quarterly	•			•					_
Oct-21	Standing Water Level	(m)	Quarterly					,				
Oct-21	Vanadium	(mg/L)	Quarterly	•			•					
Oct-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	d snown as EPA ID 3	1 on the Plans ( VX83/351-1 AND	VX83/351-2	U3/U6/2U2U EPA I	REFERENCE DUCZU	/4/6695 AND DU	C20/4/6695-1).				
				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
Oct-21	Aluminium	(mg/L)	Quarterly									
Oct-21	Ammonia	(mg/L)	Quarterly									
Oct-21	Arsenic (III)	(mg/L)	Quarterly									i
Oct-21	Arsenic (V)	(mg/L)	Quarterly									
Oct-21	Cadmium	(mg/L)	Quarterly									i
Oct-21	Chromium (trivalent)	(mg/L)	Quarterly									
Oct-21	Chromium (VI) Compounds	(mg/L)	Quarterly									i
Oct-21	Copper	(mg/L)	Quarterly									
Oct-21	Electrical Conductivity	(us/cm)	Quarterly									i
Oct-21	Iron	(mg/L)	Quarterly									
Oct-21	Lead	(mg/L)	Quarterly									Next sample due before end of December 2021
Oct-21	Magnesium	(mg/L)	Quarterly									i
Oct-21	Manganese	(mg/L)	Quarterly									
Oct-21	Nickel	(mg/L)	Quarterly									i
Oct-21	pH	pН	Quarterly									
Oct-21	Potassium	(mg/L)	Quarterly									i
Oct-21	Selenium	(mg/L)	Quarterly									<u>-</u>
Oct-21	Sodium	(mg/L)	Quarterly				•					
Oct-21	Standing Water Level	(m)	Quarterly									<u>-</u>
Oct-21	Vanadium	(mg/L)	Quarterly									<u>-</u>
Oct-21	Zinc	(mg/L)	Quarterly									<u>-</u>

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				
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Oct-21	Aluminium	(mg/L)	Quarterly									
Oct-21	Ammonia	(mg/L)	Quarterly									
Oct-21	Arsenic (III)	(mg/L)	Quarterly									
Oct-21	Arsenic (V)	(mg/L)	Quarterly									
Oct-21	Cadmium	(mg/L)	Quarterly									
Oct-21	Chromium (trivalent)	(mg/L)	Quarterly									
Oct-21	Chromium (VI) Compounds	(mg/L)	Quarterly									
Oct-21	Copper	(mg/L)	Quarterly									
Oct-21	Electrical Conductivity	(us/cm)	Quarterly									
Oct-21	Iron	(mg/L)	Quarterly									
Oct-21	Lead	(mg/L)	Quarterly									Next sample due before end of December 2021
Oct-21	Magnesium	(mg/L)	Quarterly									
Oct-21	Manganese	(mg/L)	Quarterly									
Oct-21	Nickel	(mg/L)	Quarterly									
Oct-21	pH	pH	Quarterly									
Oct-21	Potassium	(mg/L)	Quarterly									
Oct-21	Selenium	(mg/L)	Quarterly									
Oct-21	Sodium	(mg/L)	Quarterly	•								
Oct-21	Standing Water Level	(m)	Quarterly									
Oct-21	Vanadium	(mg/L)	Quarterly	•			•					_
Oct-21	Zinc	(mg/L)	Quarterly									

POINT 33	Groundwater quality monitoring bore marked and shown as EPA ID 33 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476	5695-1).

				Samples					99 Percentile	100 Percentile		
				Collected &		Lowest Sample	Mean of	Highest Sample	Concentration	Concentration	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Oct-21	Aluminium	(mg/L)	Quarterly									
Oct-21	Ammonia	(mg/L)	Quarterly									
Oct-21	Arsenic (III)	(mg/L)	Quarterly									
Oct-21	Arsenic (V)	(mg/L)	Quarterly									
Oct-21	Cadmium	(mg/L)	Quarterly									
Oct-21	Chromium (trivalent)	(mg/L)	Quarterly									
Oct-21	Chromium (VI) Compounds	(mg/L)	Quarterly									
Oct-21	Copper	(mg/L)	Quarterly									
Oct-21	Electrical Conductivity	(us/cm)	Quarterly									
Oct-21	Iron	(mg/L)	Quarterly									
Oct-21	Lead	(mg/L)	Quarterly									Next sample due before end of December 2021
Oct-21	Magnesium	(mg/L)	Quarterly									
Oct-21	Manganese	(mg/L)	Quarterly									
Oct-21	Nickel	(mg/L)	Quarterly									
Oct-21	pH	pН	Quarterly									
Oct-21	Potassium	(mg/L)	Quarterly									
Oct-21	Selenium	(mg/L)	Quarterly									
Oct-21	Sodium	(mg/L)	Quarterly									
Oct-21	Standing Water Level	(m)	Quarterly									
Oct-21	Vanadium	(mg/L)	Quarterly									
Oct-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
Oct-21	Aluminium	(mg/L)	Quarterly									
Oct-21	Ammonia	(mg/L)	Quarterly									
Oct-21	Arsenic (III)	(mg/L)	Quarterly									
Oct-21	Arsenic (V)	(mg/L)	Quarterly									
Oct-21	Cadmium	(mg/L)	Quarterly									
Oct-21	Chromium (trivalent)	(mg/L)	Quarterly									
Oct-21	Chromium (VI) Compounds	(mg/L)	Quarterly									
Oct-21	Copper	(mg/L)	Quarterly									
Oct-21	Electrical Conductivity	(us/cm)	Quarterly									
Oct-21	Iron	(mg/L)	Quarterly									Next sample due before end of December 2021
Oct-21	Lead	(mg/L)	Quarterly									
Oct-21	Magnesium	(mg/L)	Quarterly									
Oct-21	Manganese	(mg/L)	Quarterly									
Oct-21	Nickel	(mg/L)	Quarterly									
Oct-21	pH	pН	Quarterly									
Oct-21	Potassium	(mg/L)	Quarterly									
Oct-21	Selenium	(mg/L)	Quarterly									·
Oct-21	Sodium	(mg/L)	Quarterly									·
Oct-21	Standing Water Level	(m)	Quarterly									_
Oct-21	Vanadium	(mg/L)	Quarterly									
Oct-21	Zinc	(mg/L)	Quarterly									-

## GENERAL COMMENTS

Delta has requested amendment of the required date for installation of continuous monitoring instrumentation (temperature, oxygen, moisture) as permissible under Condition M2.4 of EPL761. Delta has also provided the EPA with a proposal for utilisation of a gas flowrate calculation at monitoring points 4 to 11 as an alternative to inline instrumentation. Instrument suppliers advise that there are currently no flow instruments capable of accurately measuring gas flowrate at monitoring locations 4 to 11.