# **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	August 2025	
ADDRESS	VALES ROAD, MANNERING PARK NSW	



# **Compliance Summary**

Were all licence monitoring limits met this month?

Details of any licence monitoring limit not complied with this month if applicable:

EPL Point	Air/Water/Noise/Other	Pollutant	Value Measured	Licence Limit	Comments
EPA 23	Water	TSS	63 mg/L	50 mg/L	
EPA 25	Water	TSS	Max value 180 mg/L	50 mg/L	Non-compliances occurred following significant rainfall in late July and early August. The EPA has been notified in accordnace with condition R4.1 of the Vales Point Power Station Environment Protection
EPA 25	Water	pH	Max value pH 9.4	6.5 - 9	Licence.
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### **Monitoring Locations**

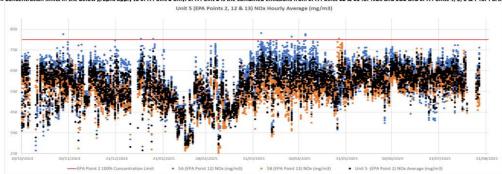
The location of Environment Protection Licence monitoring points within the Vales Point Power Station premises can be found at https://www.de.com.au/environment/environmental-licences-and-monitoring. Click the heading "Vales Point Licence Points" to open the pdf document.

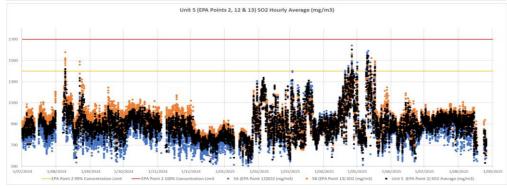
#### Comments

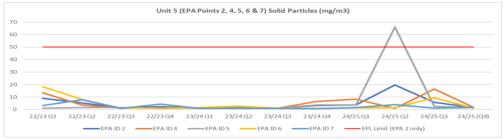
POINT 2	Combined air emissions from hoiler 5 via Points 4 to 7 to Point 1 marked and shown as EPA ID 2 o	in The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 FPA REFERENCE DOC20/476695 AND DOC20/476695-1)

				Samples Collected	Date Sampled	Lowest Sample	Mean of	Highest Sample	99 Percentile	100 Percentile	Exceed 100% Limit	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	& Analysed		Value	Samples	Value	Concentration Limit	Concentration Limit	(yes/no)	Comments
Aug-25	Cadmium	(mg/m3)	Every 6 months							0.03	No	
Aug-25	Chlorine	(mg/m3)	Every 6 months							4	No	
Aug-25	Fluorine	(mg/m3)	Every 6 months							30	No	
Aug-25	Hydrogen chloride	(mg/m3)	Every 6 months							50	No	
Aug-25	Mercury	(mg/m3)	Every 6 months							0.03	No	
Aug-25	Nitrogen Oxides	(mg/m3)	Continuous	97.8%	Aug-25	457	614	721		800	No	
Aug-25	Solid Particles	(mg/m3)	Quarterly							50	No	
Aug-25	Sulfur dioxide	(mg/m3)	Continuous	97.8%	Aug-25	532	866	1026	1400	1700	No	
Aug-25	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months							100	No	
Aug-25	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months							0.6	No	
Aug-25	VOC's as n-propane equivalent	(mg/m3)	Every 6 months							8	No	

The 100% Concentration limits in the below graphs apply to EPA Point 2 only. EPA Point 2 is the combined emissions from EPA Points 12 & 13 for NOx and SO2 and EPA Points 4, 5, 6 & 7 for Particulates.

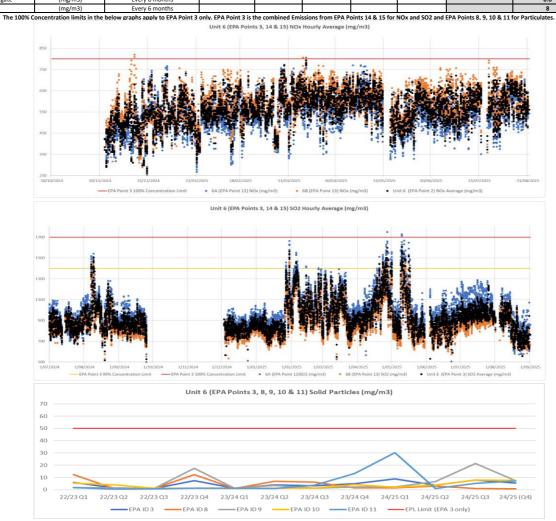






POINT 3	Combined air emissions from boiler 6 via Points 8	to 11 to Point 1 marked a	ind shown as EPA ID 3 on The Plans (	("VX837351-1 AND "	VX837351-2" 03	/06/2020 EPA REFI	ERENCE DOC20/4	176695 AND DOC20	)/476695-1).			
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Samples Collected & Analysed	Date Sampled	Lowest Sample Value	Mean of Samples	Highest Sample Value	99 Percentile Concentration Limit	100 Percentile Concentration Limit	Exceed 100% Limit (yes/no)	Comments
Aug-25	Cadmium	(mg/m3)	Every 6 months							0.03	No	
Aug-25	Chlorine	(mg/m3)	Every 6 months							4	No	
Aug-25	Fluorine	(mg/m3)	Every 6 months							30	No	
Aug-25	Hydrogen chloride	(mg/m3)	Every 6 months							50	No	
Aug-25	Mercury	(mg/m3)	Every 6 months							0.03	No	
Aug-25	Nitrogen Oxides	(mg/m3)	Continuous	97.1%	Aug-25	371	590	722		800	No	
Aug-25	Solid Particles	(mg/m3)	Quarterly							50	No	
Aug-25	Sulfur dioxide	(mg/m3)	Continuous	97.1%	Aug-25	558	837	1131	1400	1700	No	
Aug-25	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months							100	No	
Aug-25	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months							0.6	No	
Aug-25	VOC's as n-propage equivalent	(mg/m3)	Every 6 months							8	No	





POINT 4	Boiler number 5 exhaust - duct A marked and sho	iler 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).										
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Samples Collected & Analysed	Date Sampled	Lowest Sample Value	Mean of Samples	Highest Sample Value	99 Percentile Concentration Limit	100 Percentile Concentration Limit	Exceedance (yes/no)	Comments
Aug-25	Cadmium	(mg/m3)	Every 6 months								N/A	
Aug-25	Carbon dioxide	(%)	Every 6 months								N/A	
Aug-25	Chlorine	(mg/m3)	Every 6 months								N/A	
Aug-25	Fluorine	(mg/m3)	Every 6 months								N/A	
Aug-25	Hydrogen chloride	(mg/m3)	Every 6 months								N/A	
Aug-25	Mercury	(mg/m3)	Every 6 months								N/A	
Aug-25	Solid Particles	(mg/m3)	Quarterly								N/A	
Aug-25	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months				•				N/A	·
Aug-25	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months								N/A	
Aug-25	VOC's as n-propane equivalent	(mg/m3)	Every 6 months								N/A	

POINT 5	B-11		/!!\ 0/027254 4 AND !!\ 0/027254 2	" 02/05/2020 FD 1 F	FFFDFNGF DOGG	/47CC05 AND DOC	20/476605 41					
	Boiler number 5 exhaust - duct B marked and sho	wn as EPA ID 5 on The Pla	ns ("VX837351-1 AND "VX837351-2	" 03/06/2020 EPA F	EFERENCE DOCZO	/476695 AND DOC	20/476695-1).					
											_	
				Samples Collected		Lowest Sample	Mean of	Highest Sample	99 Percentile	100 Percentile	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	& Analysed	Date Sampled	Value	Samples	Value	Concentration Limit	Concentration Limit	(yes/no)	Comments
Aug-25	Cadmium	(mg/m3)	Every 6 months								N/A	
Aug-25	Mercury	(mg/m3)	Every 6 months								N/A	
Aug-25	Solid Particles	(mg/m3)	Quarterly								N/A	
Aug-25	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months								N/A	
POINT 6	Boiler number 5 exhaust - duct C marked and sho	wn as EPA ID 6 on The Pla	ns ("VX837351-1 AND "VX837351-2	" 03/06/2020 EPA F	EFERENCE DOC20	/476695 AND DOC	20/476695-1).					
				Samples Collected		Lowest Sample	Mean of	Highest Sample	99 Percentile	100 Percentile	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	& Analysed	Date Sampled	Value	Samples	Value	Concentration Limit	Concentration Limit	(yes/no)	Comments
Aug-25	Cadmium	(mg/m3)	Every 6 months								N/A	
Aug-25	Carbon dioxide	(%)	Every 6 months								N/A	
Aug-25	Chlorine	(mg/m3)	Every 6 months								N/A	
Aug-25	Fluorine	(mg/m3)	Every 6 months								N/A	
Aug-25	Hydrogen chloride	(mg/m3)	Every 6 months								N/A	
Aug-25	Mercury	(mg/m3)	Every 6 months								N/A	
Aug-25	Solid Particles	(mg/m3)	Quarterly								N/A	
Aug-25	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months								N/A	
Aug-25	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months								N/A	
Aug-25	VOC's as n-propane equivalent	(mg/m3)	Every 6 months								N/A	
			,									
POINT 7	Boiler number 5 exhaust - duct D marked and sho	wn as EPA ID 7 on The Pla	ns ("VX837351-1 AND "VX837351-2	" 03/06/2020 EPA F	REFERENCE DOC20	/476695 AND DOO	20/476695-1).					
				Samples Collected		Lowest Sample	Mean of	Highest Sample	99 Percentile	100 Percentile	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	& Analysed	Date Sampled	Value	Samples	Value	Concentration Limit	Concentration Limit	(yes/no)	Comments
Aug-25	Cadmium	(mg/m3)	Every 6 months	& Allalyseu	Date Janipieu	value	Jampies	value	Concentration Limit	Concentration Limit	N/A	Comments
Aug-25	Mercury	(mg/m3)	Every 6 months								N/A	
Aug-25	Solid Particles	(mg/m3)	Quarterly								N/A	
Aug-25	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months								N/A	
Aug-23	Type I and Type 2 substances in aggregate	(1118/1113)	Every o months		l						14/15	
POINT 8	Boiler number 6 exhaust - duct A marked and sho	FDA ID 0 Th - DI-	(III 0/027254 4 AND III 0/027254 2	III 02/05/2020 FD 4 F	FFFDFNGF DOGG	/47CC0F 4ND DOC	20/475505 41					
POINT 8	Boller number 6 exhaust - duct A marked and sho	Wn as EPA ID 8 on The Pla	Ins ("VX83/351-1 AND "VX83/351-2	03/06/2020 EPA I	EFERENCE DOCZO	/4/6695 AND DOC	.20/4/6695-1).					
Month	Pollutant			Samples Collected		Lowest Sample	Mean of	Highest Sample	99 Percentile	100 Percentile	Exceedance	
		Unit of Measure	Sample/Measurement Frequency	Samples Collected & Analysed	Date Sampled	Lowest Sample Value	Mean of Samples	Highest Sample Value	99 Percentile Concentration Limit	100 Percentile Concentration Limit	(yes/no)	Comments
Aug-25	Cadmium	(mg/m3)	Every 6 months		Date Sampled						(yes/no) N/A	Comments
Aug-25	Carbon dioxide	(mg/m3) (%)	Every 6 months Every 6 months		Date Sampled						(yes/no) N/A N/A	Comments
Aug-25 Aug-25	Carbon dioxide Chlorine	(mg/m3) (%) (mg/m3)	Every 6 months Every 6 months Every 6 months		Date Sampled						(yes/no) N/A N/A N/A	Comments
Aug-25	Carbon dioxide	(mg/m3) (%)	Every 6 months Every 6 months		Date Sampled						(yes/no) N/A N/A N/A N/A	Comments
Aug-25 Aug-25 Aug-25 Aug-25	Carbon dioxide Chlorine Fluorine Hydrogen chloride	(mg/m3) (%) (mg/m3) (mg/m3) (mg/m3)	Every 6 months		Date Sampled						(yes/no) N/A N/A N/A N/A N/A N/A	Comments
Aug-25 Aug-25 Aug-25	Carbon dioxide Chlorine Fluorine	(mg/m3) (%) (mg/m3) (mg/m3) (mg/m3) (mg/m3)	Every 6 months		Date Sampled						(yes/no)  N/A  N/A  N/A  N/A  N/A  N/A	Comments
Aug-25 Aug-25 Aug-25 Aug-25	Carbon dioxide Chlorine Fluorine Hydrogen chloride	(mg/m3) (%) (mg/m3) (mg/m3) (mg/m3)	Every 6 months		Date Sampled						(yes/no) N/A N/A N/A N/A N/A N/A	Comments
Aug-25 Aug-25 Aug-25 Aug-25 Aug-25	Carbon dioxide Chlorine Fluorine Hydrogen chloride Mercury	(mg/m3) (%) (mg/m3) (mg/m3) (mg/m3) (mg/m3)	Every 6 months		Date Sampled						(yes/no)  N/A  N/A  N/A  N/A  N/A  N/A	Comments
Aug-25 Aug-25 Aug-25 Aug-25 Aug-25 Aug-25	Carbon dioxide Chlorine Fluorine Hydrogen chloride Mercury Solid Particles	(mg/m3) (%) (mg/m3) (mg/m3) (mg/m3) (mg/m3)	Every 6 months Quarterly		Date Sampled						(yes/no) N/A N/A N/A N/A N/A N/A N/A N/A N/A	Comments
Aug-25 Aug-25 Aug-25 Aug-25 Aug-25 Aug-25 Aug-25 Aug-25	Carbon dioxide Chlorine Fluorine Hydrogen chloride Mercury Sulfurica edid mist and sulfur trioxide (as SO3)	(mg/m3) (%) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3)	Every 6 months Quarterly Every 6 months		Date Sampled						(yes/no) N/A	Comments
Aug-25 Aug-25 Aug-25 Aug-25 Aug-25 Aug-25 Aug-25 Aug-25 Aug-25	Carbon dioxide Chlorine Fluorine Hydrogen chloride Mercury Soild Particles Sulfuric acid mist and sulfur trioxide (as \$03) Type 1 and Type 2 substances in aggregate	(mg/m3) (%) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3)	Every 6 months Ouarterly Every 6 months		Date Sampled						(yes/no) N/A	Comments
Aug-25 Aug-25 Aug-25 Aug-25 Aug-25 Aug-25 Aug-25 Aug-25 Aug-25	Carbon dioxide Chlorine Fluorine Hydrogen chloride Mercury Soild Particles Sulfuric acid mist and sulfur trioxide (as \$03) Type 1 and Type 2 substances in aggregate	(mg/m3) (%) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3)	Every 6 months	& Analysed		Value	Samples				(yes/no) N/A	Comments
Aug-25 Aug-25 Aug-25 Aug-25 Aug-25 Aug-25 Aug-25 Aug-25 Aug-25 Aug-25	Carbon dioxide Chlorine Fluorine Hydrogen chloride Mercury Solid Particles Sulfuric acid mist and sulfur trioxide (as SO3) Type 1 and Type 2 substances in aggregate VOC's as n-propane equivalent	(mg/m3) (%) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3)	Every 6 months	& Analysed		Value	Samples				(yes/no) N/A	Comments
Aug-25 Aug-25 Aug-25 Aug-25 Aug-25 Aug-25 Aug-25 Aug-25 Aug-25 Aug-25	Carbon dioxide Chlorine Fluorine Hydrogen chloride Mercury Solid Particles Sulfuric acid mist and sulfur trioxide (as SO3) Type 1 and Type 2 substances in aggregate VOC's as n-propane equivalent	(mg/m3) (%) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3)	Every 6 months	& Analysed		Value	Samples	Value	Concentration Limit	Concentration Limit	(yes/no) N/A	Comments
Aug-25	Carbon dioxide Chlorine Fluorine Hydrogen chloride Mercury Solid Particles Sulfuric acid mist and sulfur trioxide (as \$03) Type 1 and Type 2 substances in aggregate VOC's as n-propane equivalent Boiler number 6 exhaust - duct 8 marked and shore	(mg/m3) (%) (mg/m3)	Every 6 months	& Analysed  ** 03/06/2020 EPA F  Samples Collected	EFFERENCE DOC2C	Value  /476695 AND DOC  Lowest Sample	Samples  20/476695-1).  Mean of	Value  Highest Sample	Concentration Limit  99 Percentile	Concentration Limit  100 Percentile	(yes/no) N/A	
Aug-25 Aug-36 Aug-25 Aug-36 Aug-36 Aug-36 Aug-36 Aug-36 Aug-36 Aug-36	Carbon dioxide Chlorine Fluorine Hydrogen chloride Mercury Solid Particles Sulfuric acid mist and sulfur trioxide (as SO3) Type 1 and Type 2 substances in aggregate VOC's as n-propane equivalent  Boiler number 6 exhaust - duct B marked and shore	(mg/m3) (%) (mg/m3) Unit of Measure	Every 6 months Quarterly Every 6 months	& Analysed		Value	Samples	Value	Concentration Limit	Concentration Limit	(yes/no) N/A	Comments
Aug-25	Carbon dioxide Chlorine Fluorine Hydrogen chloride Mercury Solid Particles Sulfuric acid mist and sulfur trioxide (as SO3) Type 1 and Type 2 substances in aggregate VOC's as n-propane equivalent Boiler number 6 exhaust - duct B marked and sho	(mg/m3) (%) (mg/m3)	Every 6 months Quarterly Every 6 months	& Analysed  ** 03/06/2020 EPA F  Samples Collected	EFFERENCE DOC2C	Value  /476695 AND DOC  Lowest Sample	Samples  20/476695-1).  Mean of	Value  Highest Sample	Concentration Limit  99 Percentile	Concentration Limit  100 Percentile	(yes/no) N/A	
Aug-25	Carbon dioxide Chlorine Fluorine Hydrogen chloride Mercury Solid Particles Sulfuric acid mist and sulfur trioxide (as \$03) Type 1 and Type 2 substances in aggregate VOC's as n-propane equivalent Boiler number 6 exhaust - duct B marked and shore Pollutant Cadmium Mercury	(mg/m3) (%) (mg/m3) wn as EPA ID 9 on The Pla  Unit of Measure (mg/m3)	Every 6 months	& Analysed  ** 03/06/2020 EPA F  Samples Collected	EFFERENCE DOC2C	Value  /476695 AND DOC  Lowest Sample	Samples  20/476695-1).  Mean of	Value  Highest Sample	Concentration Limit  99 Percentile	Concentration Limit  100 Percentile	(yes/no) N/A	
Aug-25	Carbon dioxide Chlorine Fluorine Hydrogen chloride Mercury Solid Particles Sulfuric acid mist and sulfur trioxide (as SO3) Type 1 and Type 2 substances in aggregate VOC's as n-propane equivalent Boiler number 6 exhaust - duct B marked and sho	(mg/m3) (%) (mg/m3)	Every 6 months Quarterly Every 6 months	& Analysed  ** 03/06/2020 EPA F  Samples Collected	EFFERENCE DOC2C	Value  /476695 AND DOC  Lowest Sample	Samples  20/476695-1).  Mean of	Value  Highest Sample	Concentration Limit  99 Percentile	Concentration Limit  100 Percentile	(yes/no) N/A	

POINT 10	Boiler number 6 exhaust - duct C marked and sho											
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Samples Collected & Analysed	Date Sampled	Lowest Sample Value	Mean of Samples	Highest Sample Value	99 Percentile Concentration Limit	100 Percentile Concentration Limit	Exceedance (yes/no)	Comments
Aug-25	Cadmium	(mg/m3)	Every 6 months								N/A	
Aug-25	Carbon dioxide	(%)	Every 6 months								N/A	
Aug-25	Chlorine	(mg/m3)	Every 6 months								N/A	
Aug-25	Fluorine	(mg/m3)	Every 6 months								N/A	
Aug-25	Hydrogen chloride	(mg/m3)	Every 6 months								N/A	
Aug-25	Mercury	(mg/m3)	Every 6 months								N/A	
Aug-25	Solid Particles	(mg/m3)	Quarterly								N/A	
Aug-25	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months								N/A	
Aug-25	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months								N/A	
Aug-25	VOC's as n-propane equivalent	(mg/m3)	Every 6 months								N/A	
POINT 11	Boiler number 6 exhaust - duct D marked and sho	wn as EPA ID 11 on The P	lans ("VX837351-1 AND "VX837351-	2" 03/06/2020 EPA	REFERENCE DOC2	0/476695 AND DO	C20/476695-1).					
				Samples Collected		Lowest Sample	Mean of	<b>Highest Sample</b>	99 Percentile	100 Percentile	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	& Analysed	Date Sampled	Value	Samples	Value	Concentration Limit	Concentration Limit	(yes/no)	Comments
Aug-25	Cadmium	(mg/m3)	Every 6 months								N/A	
Aug-25	Mercury	(mg/m3)	Every 6 months								N/A	
Aug-25	Solid Particles	(mg/m3)	Quarterly								N/A	
											N/A	
Aug-25 POINT 12	Type 1 and Type 2 substances in aggregate  Boiler number 5 combined exhaust - duct A and E	(mg/m3)	Every 6 months  and shown as EPA ID 12 on The Plans	s ("VX837351-1 AND	"VX837351-2" 03	3/06/2020 EPA REF	ERENCE DOC20	476695 AND DOC2	20/476695-1).		N/A	
POINT 12	Boiler number 5 combined exhaust - duct A and B	(points 4 and 5) marked	and shown as EPA ID 12 on The Plan	Samples Collected		Lowest Sample	Mean of	Highest Sample	99 Percentile	100 Percentile	Exceedance	Comments
	1,1,		,		"VX837351-2" 03  Date Sampled  Aug-25					100 Percentile Concentration Limit		Comments
POINT 12  Month	Boiler number 5 combined exhaust - duct A and E	(points 4 and 5) marked :	and shown as EPA ID 12 on The Plans	Samples Collected & Analysed	Date Sampled	Lowest Sample Value	Mean of Samples	Highest Sample Value	99 Percentile		Exceedance (yes/no)	Comments
POINT 12  Month Aug-25	Boiler number 5 combined exhaust - duct A and E  Pollutant  Nitrogen Oxides	(points 4 and 5) marked of Unit of Measure (mg/m3) (mg/m3)	sample/Measurement Frequency Continuous Continuous	Samples Collected & Analysed 97.9% 97.9%	Date Sampled Aug-25 Aug-25	Lowest Sample Value 447 433	Mean of Samples 639 815	Highest Sample Value 773 985	99 Percentile Concentration Limit		Exceedance (yes/no) N/A	Comments
Month Aug-25 Aug-25 POINT 13	Boiler number 5 combined exhaust - duct A and E  Pollutant  Nitrogen Oxides  Sulfur dioxide  Boiler number 5 combined exhaust - duct C and D	Unit of Measure (mg/m3) (mg/m3) (points 6 and 7) marked	Sample/Measurement Frequency Continuous Continuous Continuous	Samples Collected & Analysed 97.9% 97.9% ("VX837351-1 AND Samples Collected	Date Sampled Aug-25 Aug-25 'VX837351-2" 03	Lowest Sample Value 447 433  /06/2020 EPA REFE Lowest Sample	Mean of Samples 639 815 ERENCE DOC20/	Highest Sample Value 773 985  476695 AND DOC2	99 Percentile Concentration Limit  0/476695-1).  99 Percentile	Concentration Limit	Exceedance (yes/no) N/A N/A	
Month Aug-25 Aug-25 POINT 13	Boiler number 5 combined exhaust - duct A and E  Pollutant  Nitrogen Oxides  Sulfur dioxide  Boiler number 5 combined exhaust - duct C and D  Pollutant	(points 4 and 5) marked :  Unit of Measure (mg/m3) (mg/m3) (points 6 and 7) marked :	Sample/Measurement Frequency Continuous Continuous Continuous Sample/Measurement Frequency Continuous	Samples Collected & Analysed 97.9% 97.9% ("VX837351-1 AND" Samples Collected & Analysed	Date Sampled Aug-25 Aug-25 'VX837351-2" 03 Date Sampled	Lowest Sample Value 447 433  /06/2020 EPA REFE Lowest Sample Value	Mean of Samples 639 815 ERENCE DOC20/ Mean of Samples	Highest Sample Value 773 985  476695 AND DOC2: Highest Sample Value	99 Percentile Concentration Limit	Concentration Limit	Exceedance (yes/no) N/A N/A Exceedance (yes/no)	Comments
Month Aug-25 Aug-25 POINT 13 Month Aug-25	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	Unit of Measure (mg/m3) (points 6 and 7) marked :  Unit of Measure (mg/m3)	sample/Measurement Frequency Continuous Continuous and shown as EPA ID 13 on The Plans Sample/Measurement Frequency Continuous	Samples Collected & Analysed 97.9% 97.9% ("VX837351-1 AND" Samples Collected & Analysed 97.6%	Date Sampled Aug-25 Aug-25 "VX837351-2" 03 Date Sampled Aug-25	Lowest Sample Value 447 433  /06/2020 EPA REFE Lowest Sample Value 446	Mean of Samples 639 815 ERENCE DOC20/ Mean of Samples 588	Highest Sample Value 773 985 476695 AND DOC2 Highest Sample Value 746	99 Percentile Concentration Limit  0/476695-1).  99 Percentile	Concentration Limit	Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A	
Month Aug-25 Aug-25 POINT 13	Boiler number 5 combined exhaust - duct A and E  Pollutant  Nitrogen Oxides  Sulfur dioxide  Boiler number 5 combined exhaust - duct C and D  Pollutant	(points 4 and 5) marked :  Unit of Measure (mg/m3) (mg/m3) (points 6 and 7) marked :  Unit of Measure	Sample/Measurement Frequency Continuous Continuous Continuous Sample/Measurement Frequency Continuous	Samples Collected & Analysed 97.9% 97.9% ("VX837351-1 AND" Samples Collected & Analysed	Date Sampled Aug-25 Aug-25 'VX837351-2" 03 Date Sampled	Lowest Sample Value 447 433  /06/2020 EPA REFE Lowest Sample Value	Mean of Samples 639 815 ERENCE DOC20/ Mean of Samples	Highest Sample Value 773 985  476695 AND DOC2: Highest Sample Value	99 Percentile Concentration Limit  0/476695-1).  99 Percentile	Concentration Limit	Exceedance (yes/no) N/A N/A Exceedance (yes/no)	
Month Aug-25 Aug-25 POINT 13 Month Aug-25	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	(points 4 and 5) marked :  Unit of Measure (mg/m3) (points 6 and 7) marked :  Unit of Measure (mg/m3) (mg/m3)	Sample/Measurement Frequency Continuous Continuous and shownas EPA ID 13 on The Plans Sample/Measurement Frequency Continuous Continuous Continuous Continuous Continuous	Samples Collected & Analysed 97.9% 97.9% ("VX837351-1 AND Samples Collected & Analysed 97.6% 97.6%	Date Sampled Aug-25 Aug-25 "VX837351-2" 03 Date Sampled Aug-25 Aug-25	Lowest Sample Value 447 433  /06/2020 EPA REFI Lowest Sample Value 446 497	Mean of Samples 639 815  ERENCE DOC20/ Mean of Samples 588 917	Highest Sample Value 773 985  476695 AND DOC20  Highest Sample Value 746 1108	99 Percentile Concentration Limit  0/476695-1).  99 Percentile Concentration Limit	Concentration Limit	Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A	
Month Aug-25 Aug-25 POINT 13  Month Aug-25 Aug-25	Boiler number 5 combined exhaust - duct A and E  Pollutant  Nitrogen Oxides  Sulfur dioxide  Boiler number 5 combined exhaust - duct C and D  Pollutant  Nitrogen Oxides  Sulfur dioxide	(points 4 and 5) marked :  Unit of Measure (mg/m3) (points 6 and 7) marked :  Unit of Measure (mg/m3) (mg/m3)	Sample/Measurement Frequency Continuous Continuous and shownas EPA ID 13 on The Plans Sample/Measurement Frequency Continuous Continuous Continuous Continuous Continuous	Samples Collected & Analysed 97.9% 97.9% ("VX837351-1 AND Samples Collected & Analysed 97.6% 97.6%	Date Sampled Aug-25 Aug-25 "VX837351-2" 03 Date Sampled Aug-25 Aug-25	Lowest Sample Value 447 433  /06/2020 EPA REFI Lowest Sample Value 446 497	Mean of Samples 639 815  ERENCE DOC20/ Mean of Samples 588 917	Highest Sample Value 773 985  476695 AND DOC20  Highest Sample Value 746 1108	99 Percentile Concentration Limit  0/476695-1).  99 Percentile Concentration Limit	Concentration Limit	Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A	
Month Aug-25 Aug-25 POINT 13  Month Aug-25 Aug-25 POINT 14  Month	Boiler number 5 combined exhaust - duct A and E  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 E  Pollutant	(points 4 and 5) marked :  Unit of Measure (mg/m3) (mg/m3) (points 6 and 7) marked :  Unit of Measure (mg/m3) (mg/m3) (mg/m3) (unit of Measure Unit of Measure	Sample/Measurement Frequency Continuous Continuous Sample/Measurement Frequency Continuous and shownas EPA ID 13 on The Plans Continuous Continuous Continuous Continuous Continuous Continuous Continuous Continuous Sample/Measurement Frequency Sample/Measurement Frequency	Samples Collected & Analysed 97.9% 97.9% ("VX837351-1 AND Samples Collected & Analysed 97.6% 97.6% ("VX837351-1 AND Samples Collected & Analysed	Date Sampled Aug-25 Aug-25 "VX837351-2" 03 Date Sampled Aug-25 Aug-25 "VX837351-2" 03 Date Sampled	Lowest Sample Value 447 433 /06/2020 EPA REFI Lowest Sample Value 446 497 /06/2020 EPA REFI Lowest Sample Value	Mean of Samples 639 815 ERENCE DOC20/ Mean of Samples 588 917 ERENCE DOC20/ Mean of Samples	Highest Sample Value 773 985 476695 AND DOC2 Highest Sample Value 746 1108 476695 AND DOC2 Highest Sample Value Value Value Value Value Value	99 Percentile Concentration Limit  0/476695-1).  99 Percentile Concentration Limit	Concentration Limit  100 Percentile Concentration Limit	Exceedance (yes/no) N/A N/A  Exceedance (yes/no) N/A N/A  Exceedance (yes/no)	
POINT 12  Month Aug-25 Aug-25 POINT 13  Month Aug-25 Aug-25 POINT 14  Month Aug-25	Boiler number 5 combined exhaust - duct A and E  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 E  Pollutant  Nitrogen Oxides	(points 4 and 5) marked :  Unit of Measure (mg/m3) (points 6 and 7) marked :  Unit of Measure (mg/m3) (points 8 and 9) marked :  Unit of Measure (mg/m3)	Sample/Measurement Frequency Continuous Continuous Sample/Measurement Frequency Continuous	Samples Collected & Analysed 97.9% 97.9% ("VX837351-1 AND Samples Collected & Analysed 97.6% 97.6% ("VX837351-1 AND Samples Collected & Analysed 97.6% 97.6%	Date Sampled Aug-25 Aug-25 "VX837351-2" 03 Date Sampled Aug-25 "VX837351-2" 03 Date Sampled Aug-25	Lowest Sample Value 447 433 /06/2020 EPA REFI Lowest Sample Value 446 497 /06/2020 EPA REFI Lowest Sample Value 374	Mean of Samples 639 815 ERENCE DOC20/ Mean of Samples 588 917 ERENCE DOC20/ Mean of Samples 5564	Highest Sample Value 773 985 476695 AND DOC2 Highest Sample Value 746 1108 476695 AND DOC2 Highest Sample Value 730	99 Percentile Concentration Limit  0/476695-1).  99 Percentile Concentration Limit	Concentration Limit  100 Percentile Concentration Limit  100 Percentile	Exceedance (yes/no) N/A N/A N/A Exceedance (yes/no) N/A Exceedance (yes/no)	Comments
Month Aug-25 Aug-25 POINT 13  Month Aug-25 Aug-25 POINT 14  Month	Boiler number 5 combined exhaust - duct A and E  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 E  Pollutant	(points 4 and 5) marked :  Unit of Measure (mg/m3) (mg/m3) (points 6 and 7) marked :  Unit of Measure (mg/m3) (mg/m3) (mg/m3) (unit of Measure Unit of Measure	Sample/Measurement Frequency Continuous Continuous Sample/Measurement Frequency Continuous and shownas EPA ID 13 on The Plans Continuous Continuous Continuous Continuous Continuous Continuous Continuous Continuous Sample/Measurement Frequency Sample/Measurement Frequency	Samples Collected & Analysed 97.9% 97.9% ("VX837351-1 AND Samples Collected & Analysed 97.6% 97.6% ("VX837351-1 AND Samples Collected & Analysed	Date Sampled Aug-25 Aug-25 "VX837351-2" 03 Date Sampled Aug-25 Aug-25 "VX837351-2" 03 Date Sampled	Lowest Sample Value 447 433 /06/2020 EPA REFI Lowest Sample Value 446 497 /06/2020 EPA REFI Lowest Sample Value	Mean of Samples 639 815 ERENCE DOC20/ Mean of Samples 588 917 ERENCE DOC20/ Mean of Samples	Highest Sample Value 773 985 476695 AND DOC2 Highest Sample Value 746 1108 476695 AND DOC2 Highest Sample Value Value Value Value Value Value	99 Percentile Concentration Limit  0/476695-1).  99 Percentile Concentration Limit	Concentration Limit  100 Percentile Concentration Limit  100 Percentile	Exceedance (yes/no) N/A N/A  Exceedance (yes/no) N/A N/A  Exceedance (yes/no)	Comments
POINT 12  Month Aug-25 Aug-25 POINT 13  Month Aug-25 Aug-25 POINT 14  Month Aug-25	Boiler number 5 combined exhaust - duct A and E  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 E  Pollutant  Nitrogen Oxides	(points 4 and 5) marked :  Unit of Measure (mg/m3) (points 6 and 7) marked :  Unit of Measure (mg/m3) (mg/m3) (points 8 and 9) marked :  Unit of Measure (mg/m3) (points 8 and 9) marked :	Sample/Measurement Frequency Continuous Sample/Measurement Frequency Continuous and shownas EPA ID 13 on The Plans Sample/Measurement Frequency Continuous Continuous Continuous Sample/Measurement Frequency Continuous Continuous Continuous Continuous Continuous Continuous Continuous Continuous Continuous	Samples Collected & Analysed 97.9% 97.9% 97.9% 97.9% 97.9% 97.9% Samples Collected & Analysed 97.6% 97.6% 97.6% 97.1% Samples Collected & Analysed 97.1% 97.1%	Date Sampled Aug-25 Aug-25  Pate Sampled Aug-25  Date Sampled Aug-25  Aug-25  Aug-25  Date Sampled Aug-25  Aug-25  Aug-25  Date Sampled Aug-25  Aug-25	Lowest Sample Value 447 433 /06/2020 EPA REFI Lowest Sample Value 446 497 /06/2020 EPA REFI Lowest Sample Value 374 574	Mean of Samples 639 815 ERENCE DOC20/ Mean of Samples 588 917 ERENCE DOC20/ Mean of Samples 564 874	Highest Sample Value 773 985 476695 AND DOC2 Highest Sample Value 746 1108 476695 AND DOC2 Highest Sample Value 730 1208	99 Percentile Concentration Limit  0/476695-1).  99 Percentile Concentration Limit  0/476695-1).  99 Percentile Concentration Limit	Concentration Limit  100 Percentile Concentration Limit  100 Percentile	Exceedance (yes/no) N/A N/A N/A Exceedance (yes/no) N/A Exceedance (yes/no)	Comments
Month Aug-25 Aug-25 POINT 13  Month Aug-25 Aug-25 POINT 14  Month Aug-25 Aug-25 Aug-25	Boiler number 5 combined exhaust - duct A and E  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 E  Pollutant  Nitrogen Oxides Sulfur dioxide	(points 4 and 5) marked :  Unit of Measure (mg/m3) (points 6 and 7) marked :  Unit of Measure (mg/m3) (mg/m3) (points 8 and 9) marked :  Unit of Measure (mg/m3) (points 8 and 9) marked :	Sample/Measurement Frequency Continuous Sample/Measurement Frequency Continuous and shownas EPA ID 13 on The Plans Sample/Measurement Frequency Continuous Continuous Continuous Sample/Measurement Frequency Continuous Continuous Continuous Continuous Continuous Continuous Continuous Continuous Continuous	Samples Collected & Analysed 97.9% 97.9% 97.9% 97.9% 97.9% 97.9% 97.6% 97.6% 97.6% 97.6% 97.6% 97.6% 97.1% 97.1% 97.1% 97.1% 97.1% 97.1%	Date Sampled Aug-25 Aug-25  Pate Sampled Aug-25  Date Sampled Aug-25  Aug-25  Aug-25  Date Sampled Aug-25  Aug-25  Aug-25  Date Sampled Aug-25  Aug-25	Lowest Sample Value 447 433 /06/2020 EPA REFI Lowest Sample Value 446 497 /06/2020 EPA REFI Lowest Sample Value 374 574	Mean of Samples 639 815 ERENCE DOC20/ Mean of Samples 588 917 ERENCE DOC20/ Mean of Samples 564 874 EFERENCE DOC2	Highest Sample Value 773 985 476695 AND DOC2 Highest Sample Value 746 1108 476695 AND DOC2 Highest Sample Value 730 1208	99 Percentile Concentration Limit  0/476695-1).  99 Percentile Concentration Limit  0/476695-1).  99 Percentile Concentration Limit	Concentration Limit  100 Percentile Concentration Limit  100 Percentile Concentration Limit	Exceedance (yes/no) N/A N/A N/A N/A Exceedance (yes/no) N/A N/A	Comments
Month Aug-25 Aug-25 POINT 13  Month Aug-25 Aug-25 POINT 14  Month Aug-25 Aug-25 Aug-25 Aug-25	Boiler number 5 combined exhaust - duct A and E  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 E  Pollutant  Nitrogen Oxides Sulfur dioxide	(points 4 and 5) marked :  Unit of Measure (mg/m3) (points 6 and 7) marked :  Unit of Measure (mg/m3) (mg/m3) (points 8 and 9) marked :  Unit of Measure (mg/m3) (points 8 and 9) marked :	Sample/Measurement Frequency Continuous Continuous Sample/Measurement Frequency Continuous	Samples Collected & Analysed 97.9% 97.9% ("VX837351-1 AND Samples Collected & Analysed 97.6% 97.6% ("VX837351-1 AND Samples Collected & Analysed 97.1% 97.1% Samples Collected Samples Collected Samples Collected	Date Sampled Aug-25 Aug-25  Pate Sampled Aug-25  Date Sampled Aug-25  Aug-25  Aug-25  Date Sampled Aug-25  Aug-25  Aug-25  Date Sampled Aug-25  Aug-25	Lowest Sample Value 447 433 /06/2020 EPA REFI Lowest Sample Value 446 497 /06/2020 EPA REFI Lowest Sample Value 374 574	Mean of Samples 639 815 ERENCE DOC20/ Mean of Samples 588 917 ERENCE DOC20/ Mean of Samples 564 874 EFERENCE DOC2 Mean of	Highest Sample Value 773 985 476695 AND DOC2 Highest Sample Value 746 1108 476695 AND DOC2 Highest Sample Value 730 1208	99 Percentile Concentration Limit  0/476695-1).  99 Percentile Concentration Limit  0/476695-1).  99 Percentile Concentration Limit	Concentration Limit  100 Percentile Concentration Limit  100 Percentile	Exceedance (yes/no) N/A N/A  Exceedance (yes/no) N/A N/A  Exceedance (yes/no) N/A N/A  Exceedance	Comments
Month Aug-25 Aug-25 POINT 13  Month Aug-25 Aug-25 Aug-25 Aug-25 Aug-25 POINT 14  Month Aug-25 Aug-25 POINT 14	Boiler number 5 combined exhaust - duct A and E  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 E  Pollutant  Nitrogen Oxides Sulfur dioxide  Boiler number 6 combined exhaust - duct A and E  Pollutant  Nitrogen Oxides Sulfur dioxide  Boiler number 6 combined exhaust - duct C and D	(points 4 and 5) marked :  Unit of Measure (mg/m3) (points 6 and 7) marked :  Unit of Measure (mg/m3) (mg/m3) (points 8 and 9) marked :  Unit of Measure (mg/m3) (points 10 and 11) marked	Sample/Measurement Frequency Continuous Sample/Measurement Frequency Continuous and shownas EPA ID 13 on The Plans Sample/Measurement Frequency Continuous Continuous Continuous Sample/Measurement Frequency Continuous Continuous Continuous Continuous Continuous Continuous Continuous Continuous Continuous	Samples Collected & Analysed 97.9% 97.9% 97.9% 97.9% 97.9% 97.9% 97.6% 97.6% 97.6% 97.6% 97.6% 97.6% 97.1% 97.1% 97.1% 97.1% 97.1% 97.1%	Date Sampled Aug-25 Aug-25  "VX837351-2" 03  Date Sampled Aug-25 Aug-25  "VX837351-2" 03  Date Sampled Aug-25  Date Sampled	Lowest Sample Value 447 433 /06/2020 EPA REFI Lowest Sample Value 446 497 /06/2020 EPA REFI Lowest Sample Value 374 574 03/06/2020 EPA RIFI Lowest Sample Lowest Sample Lowest Sample Lowest Sample	Mean of Samples 639 815 ERENCE DOC20/ Mean of Samples 588 917 ERENCE DOC20/ Mean of Samples 564 874 EFERENCE DOC2	Highest Sample Value 773 985 476695 AND DOC2 Highest Sample Value 746 1108 476695 AND DOC2 Highest Sample Value 730 1208 0/476695 AND DO	99 Percentile Concentration Limit  0/476695-1).  99 Percentile Concentration Limit  0/476695-1).  99 Percentile Concentration Limit	Concentration Limit  100 Percentile Concentration Limit  100 Percentile Concentration Limit	Exceedance (yes/no) N/A N/A N/A N/A Exceedance (yes/no) N/A N/A	Comments

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				
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency		Date Sampled	Value	Samples	Value	98.5 Percentile Concentration Limit		Exceed 100% Limit (yes/no)	
	1 111 1	Offic of Measure		& Allalyseu		value	Janipies	value	Concentration Limit			Confinents
Aug-25	Chlorine (free residual)	(mg/L)	Monthly during discharge	1	4/08/2025	0	0	0		0.2	No	
Aug-25	Copper	(mg/L)	Monthly during discharge	1	4/08/2025	0.002	0.002	0.002		0.005	No	
Aug-25	Iron	(mg/L)	Monthly during discharge	1	4/08/2025	0.06	0.06	0.06		0.3	No	
Aug-25	Oil and Grease	Visible	Continuous during discharge	100%	Aug-25	NIL	NIL	NIL				
Aug-25	Selenium	(mg/L)	Monthly during discharge	1	4/08/2025	0.002	0.002	0.002		0.005	No	
Aug-25	Temperature	(°C)	Continuous during discharge	100%	Aug-25	17.3	22.5	28.1	35	37.5	No	

	Discharge of supernatant water from the ash da	in to the cooling water out	let canal to wyee bay marked and si	IIOWII as El A ID 25 OI	Tille Flails ( VXO	J/JJI-I AND VAO	37331 2 0370	O/ LOLO LI / INC.		2002207470033 27.		
				Samples Collected		Lowest Sample	Mean of	Highest Sample	99 Percentile	100 Percentile	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	& Analysed	Date Sampled	Value	Samples	Value	Concentration Limit	Concentration Limit	(yes/no)	Comments
Aug-25	Aluminium	(mg/L)	Monthly during discharge	1	4/08/2025	0.74	0.74	0.74	CONCENTRATION LINE	CONCENTE CHION EMILE	(403/110)	comments
Aug-25	Ammonia	(mg/L)	Monthly during discharge	1	4/08/2025	0.200	0.200	0.200				
Aug-25	Arsenic (III)	(mg/L)	Monthly during discharge	1	4/08/2025	< 0.001	< 0.001	< 0.001				
Aug-25	Arsenic (V)	(mg/L)	Monthly during discharge	1	4/08/2025	0.008	0.008	0.008				
Aug-25	Cadmium	(mg/L)	Monthly during discharge	1	4/08/2025	<0.0001	< 0.0001	<0.0001				
Aug-25	Chromium (trivalent)	(mg/L)	Monthly during discharge	1	4/08/2025	< 0.005	< 0.005	<0.005				
Aug-25	Chromium (VI) Compounds	(mg/L)	Monthly during discharge	1	4/08/2025	0.03	0.03	0.03				
Aug-25	Copper	(mg/L)	Monthly during discharge	1	4/08/2025	0.003	0.003	0.003				
Aug-25	Iron	(mg/L)	Monthly during discharge	1	4/08/2025	1.20	1.20	1.20				
Aug-25	Lead	(mg/L)	Monthly during discharge	1	4/08/2025	0.001	0.001	0.001				
Aug-25	Manganese	(mg/L)	Monthly during discharge	1	4/08/2025	0.059	0.059	0.059				
Aug-25	Nickel	(mg/L)	Monthly during discharge	1	4/08/2025	0.004	0.004	0.004				
Aug-25	Nitrate + nitrite (oxidised nitrogen)	(mg/L)	Monthly during discharge	1	4/08/2025	0.24	0.24	0.24				
Aug-25	Nitrogen	(mg/L)	Monthly during discharge	1	4/08/2025	1.1	1.1	1.1				
Aug-25	pH	pH	Monthly during discharge	1	4/08/2025	9.14	9.14	9.14		6.5 - 9.5	No	
Aug-25	Phosphorus	(mg/L)	Monthly during discharge	1	4/08/2025	0.20	0.20	0.20				
Aug-25	Reactive Phosphorus	(mg/L)	Monthly during discharge	1	4/08/2025	0.07	0.07	0.07				
Aug-25	Selenium	(mg/L)	Monthly during discharge	1	4/08/2025	0.056	0.056	0.056				<u> </u>
Aug-25	Total Kjeldahl Nitrogen	(mg/L)	Monthly during discharge	1	4/08/2025	0.8	0.8	0.8				·
Aug-25	Total Suspended Solids	(mg/L)	Monthly during discharge	1	4/08/2025	63	63	63		50	Yes	
Aug-25	Vanadium	(mg/L)	Monthly during discharge	1	4/08/2025	0.120	0.120	0.120				-
Aug-25	Zinc	(mg/L)	Monthly during discharge	1	4/08/2025	0.025	0.025	0.025				·

POINT 24	Discharge of seepage water from the ash dam reh	abilitation area to Manne	ring Bay marked and shown as EPA	ID 24 on The Plans ('	'VX837351-1 AND	"VX837351-2" 0	3/06/2020 EPA R	EFERENCE DOC20/	476695 AND DOC20/476	6695-1).		
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Samples Collected & Analysed	Date Sampled	Lowest Sample	Mean of	Highest Sample	Discharge (yes/no)	100 Percentile Concentration Limit	Exceedance (ves/no)	Comments
Aug-25	Aluminium	(mg/L)	Monthly during discharge	Analyseu 1	4/08/2025	0.36	0.36	0.36	Yes	Concentration Limit	(yes/110)	Comments
Aug-25	Ammonia	(mg/L)	Monthly during discharge	4	4/08/2025	0.99	0.99	0.99	Yes			
Aug-25	Arsenic (III)	(mg/L)	Monthly during discharge  Monthly during discharge	4	4/08/2025	<0.001	<0.001	<0.001	Yes			
		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	/	1		<0.001	<0.001					
Aug-25	Arsenic (V)	(mg/L)	Monthly during discharge	1	4/08/2025			<0.001	Yes			
Aug-25	Cadmium	(mg/L)	Monthly during discharge	1	4/08/2025	<0.0001	<0.0001	<0.0001	Yes			
Aug-25	Chromium (trivalent)	(mg/L)	Monthly during discharge	1	4/08/2025	<0.005	<0.005	<0.005	Yes			
Aug-25	Chromium (VI) Compounds	(mg/L)	Monthly during discharge	1	4/08/2025	<0.005	<0.005	<0.005	Yes			
Aug-25	Copper	(mg/L)	Monthly during discharge	1	4/08/2025	0.001	0.001	0.001	Yes			
Aug-25	Iron	(mg/L)	Monthly during discharge	1	4/08/2025	0.92	0.92	0.92	Yes			
Aug-25	Lead	(mg/L)	Monthly during discharge	1	4/08/2025	< 0.001	< 0.001	< 0.001	Yes			
Aug-25	Manganese	(mg/L)	Monthly during discharge	1	4/08/2025	0.097	0.097	0.097	Yes			
Aug-25	Nickel	(mg/L)	Monthly during discharge	1	4/08/2025	< 0.001	< 0.001	< 0.001	Yes			
Aug-25	Nitrate + nitrite (oxidised nitrogen)	(mg/L)	Monthly during discharge	1	4/08/2025	0.15	0.15	0.15	Yes			
Aug-25	Nitrogen	(mg/L)	Monthly during discharge	1	4/08/2025	1.00	1.00	1.00	Yes			
Aug-25	pH	pH	Monthly during discharge	1	4/08/2025	7.87	7.87	7.87	Yes	6.5 - 9.5	No	
Aug-25	Phosphorus	(mg/L)	Monthly during discharge	1	4/08/2025	< 0.05	< 0.05	< 0.05	Yes			
Aug-25	Reactive Phosphorus	(mg/L)	Monthly during discharge	1	4/08/2025	< 0.005	< 0.005	< 0.005	Yes			
Aug-25	Selenium	(mg/L)	Monthly during discharge	1	4/08/2025	0.002	0.002	0.002	Yes			
Aug-25	Total Kjeldahl Nitrogen	(mg/L)	Monthly during discharge	1	4/08/2025	0.90	0.90	0.90	Yes			
Aug-25	Total Suspended Solids	(mg/L)	Monthly during discharge	1	4/08/2025	14	14	14	Yes	50	No	
Aug-25	Vanadium	(mg/L)	Monthly during discharge	1	4/08/2025	0.01	0.01	0.01	Yes			
Aug-25	Zinc	(mg/L)	Monthly during discharge	1	4/08/2025	0.014	0.014	0.014	Yes			

POIN	T 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).

	bischarge of over boarded water from the astructure											
				Samples Collected		Lowest Sample	Mean of	Highest Sample	Discharge (yes/no)	100 Percentile	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	& Analysed	Date Sampled	Value	Samples	Value		Concentration Limit	(yes/no)	Comments
Aug-25	Aluminium	(mg/L)	Daily for any discharge >2 hrs	29	3/8 - 31/8	0.1	0.5	1.9	Yes		<b>M</b> - 1	
Aug-25	Ammonia	(mg/L)	Daily for any discharge >2 hrs	29	3/8 - 31/8	<0.005	0.1	0.38	Yes			
Aug-25	Arsenic (III)	(mg/L)	Daily for any discharge >2 hrs	29	3/8 - 31/8	< 0.001	0.00003	0.001	Yes			
Aug-25	Arsenic (V)	(mg/L)	Daily for any discharge >2 hrs	29	3/8 - 31/8	0.003	0.007	0.01	Yes			
Aug-25	Cadmium	(mg/L)	Daily for any discharge >2 hrs	29	3/8 - 31/8	< 0.0001	< 0.0001	< 0.0001	Yes			
Aug-25	Chromium (trivalent)	(mg/L)	Daily for any discharge >2 hrs	29	3/8 - 31/8	< 0.005	0.0063	0.02	Yes			
Aug-25	Chromium (VI) Compounds	(mg/L)	Daily for any discharge >2 hrs	29	3/8 - 31/8	< 0.005	0.02	0.04	Yes			
Aug-25	Copper	(mg/L)	Daily for any discharge >2 hrs	29	3/8 - 31/8	< 0.001	0.0016	0.009	Yes			
Aug-25	Iron	(mg/L)	Daily for any discharge >2 hrs	29	3/8 - 31/8	0.09	0.44	1.90	Yes			
Aug-25	Lead	(mg/L)	Daily for any discharge >2 hrs	29	3/8 - 31/8	< 0.001	0.0002	0.002	Yes			
Aug-25	Manganese	(mg/L)	Daily for any discharge >2 hrs	29	3/8 - 31/8	< 0.005	0.017	0.068	Yes			
Aug-25	Nickel	(mg/L)	Daily for any discharge >2 hrs	29	3/8 - 31/8	< 0.001	0.0009	0.008	Yes			
Aug-25	Nitrate + nitrite (oxidised nitrogen)	(mg/L)	Daily for any discharge >2 hrs	29	3/8 - 31/8	0.04	0.66	5.93	Yes			
Aug-25	Nitrogen	(mg/L)	Daily for any discharge >2 hrs	29	3/8 - 31/8	0.2	1.2	14	Yes			
Aug-25	pH	pН	Daily for any discharge >2 hrs	29	3/8 - 31/8	6.96	8.73	9.4	Yes	6.5 - 9	Yes	
Aug-25	Phosphorus	(mg/L)	Daily for any discharge >2 hrs	29	3/8 - 31/8	< 0.05	0.07	0.2	Yes			
Aug-25	Reactive Phosphorus	(mg/L)	Daily for any discharge >2 hrs	29	3/8 - 31/8	< 0.005	0.032	0.095	Yes			
Aug-25	Selenium	(mg/L)	Daily for any discharge >2 hrs	29	3/8 - 31/8	0.006	0.032	0.076	Yes			
Aug-25	Total Kjeldahl Nitrogen	(mg/L)	Daily for any discharge >2 hrs	29	3/8 - 31/8	<0.1	0.5	8	Yes			
Aug-25	Total Suspended Solids	(mg/L)	Daily for any discharge >2 hrs	29	3/8 - 31/8	<5	44	180	Yes	50	Yes	
Aug-25	Vanadium	(mg/L)	Daily for any discharge >2 hrs	29	3/8 - 31/8	0.009	0.06	0.12	Yes			
Aug-25	Zinc	(mg/L)	Daily for any discharge >2 hrs	29	3/8 - 31/8	0.002	0.014	0.1	Yes			

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 DOC20/476695-1).											
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Samples Collected & Analysed	Date Sampled	Lowest Sample Value	Mean of Samples	Highest Sample Value	99 Percentile Concentration Limit	100 Percentile Concentration Limit	Exceedance (yes/no)	Comments
Aug-25	Aluminium	(mg/L)	Quarterly									
Aug-25	Ammonia	(mg/L)	Quarterly									
Aug-25	Arsenic (III)	(mg/L)	Quarterly									
Aug-25	Arsenic (V)	(mg/L)	Quarterly									
Aug-25	Cadmium	(mg/L)	Quarterly									
Aug-25	Chromium (trivalent)	(mg/L)	Quarterly									
Aug-25	Chromium (VI) Compounds	(mg/L)	Quarterly									
Aug-25	Copper	(mg/L)	Quarterly									
Aug-25	Electrical Conductivity	(us/cm)	Quarterly									
Aug-25	Iron	(mg/L)	Quarterly									
Aug-25	Lead	(mg/L)	Quarterly									Next round of quarterly groundwater sampling scheduled for
Aug-25	Magnesium	(mg/L)	Quarterly									October 2025
Aug-25	Manganese	(mg/L)	Quarterly									
Aug-25	Nickel	(mg/L)	Quarterly									
Aug-25	pH	pН	Quarterly									
Aug-25	Potassium	(mg/L)	Quarterly									
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Vanadium Zinc

Selenium Sodium Standing Water Level

(mg/L) (mg/L) (m) (mg/L)

Quarterly Quarterly Quarterly

Quarterly Quarterly

Aug-25 Aug-25 Aug-25 Aug-25 Aug-25

				Samples Collected		Lowest Sample	Mean of	Highest Sample	99 Percentile	100 Percentile	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	& Analysed	Date Sampled	Value	Samples	Value	Concentration Limit	Concentration Limit	(yes/no)	Comments
Aug-25	Aluminium	(mg/L)	Quarterly									
Aug-25	Ammonia	(mg/L)	Quarterly									
Aug-25	Arsenic (III)	(mg/L)	Quarterly									
Aug-25	Arsenic (V)	(mg/L)	Quarterly									
Aug-25	Cadmium	(mg/L)	Quarterly									
Aug-25	Chromium (trivalent)	(mg/L)	Quarterly									
Aug-25	Chromium (VI) Compounds	(mg/L)	Quarterly									
Aug-25	Copper	(mg/L)	Quarterly									
Aug-25	Electrical Conductivity	(us/cm)	Quarterly									
Aug-25	Iron	(mg/L)	Quarterly									
Aug-25	Lead	(mg/L)	Quarterly									Next round of quarterly groundwater sampling scheduled for
Aug-25	Magnesium	(mg/L)	Quarterly									October 2025
Aug-25	Manganese	(mg/L)	Quarterly									
Aug-25	Nickel	(mg/L)	Quarterly									
Aug-25	рН	pH	Quarterly									
Aug-25	Potassium	(mg/L)	Quarterly									
Aug-25	Selenium	(mg/L)	Quarterly									
Aug-25	Sodium	(mg/L)	Quarterly									
Aug-25	Standing Water Level	(m)	Quarterly									
Aug-25	Vanadium	(mg/L)	Quarterly				,					·
Aug-25	Zinc	(mg/L)	Quarterly									·

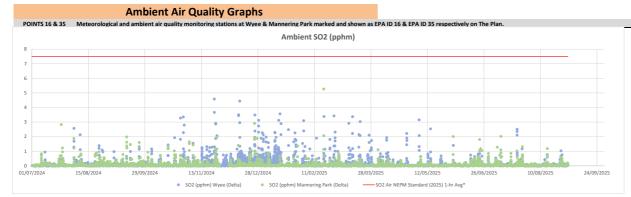
POINT 32	Groundwater quality monitoring I	ore marked and shown as EPA ID 32 on The Plans	("VX837351-1 AND "VX837351-2"	" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).

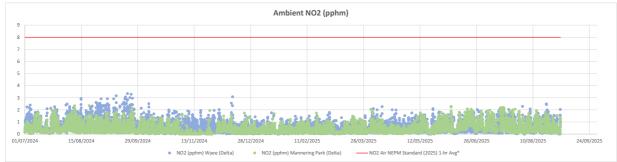
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				Samples Collected		Lowest Sample	Mean of	Highest Sample	99 Percentile	100 Percentile	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	& Analysed	Date Sampled	Value	Samples	Value	Concentration Limit	Concentration Limit	(yes/no)	Comments
Aug-25	Aluminium	(mg/L)	Quarterly									
Aug-25	Ammonia	(mg/L)	Quarterly									
Aug-25	Arsenic (III)	(mg/L)	Quarterly									
Aug-25	Arsenic (V)	(mg/L)	Quarterly									
Aug-25	Cadmium	(mg/L)	Quarterly									
Aug-25	Chromium (trivalent)	(mg/L)	Quarterly									
Aug-25	Chromium (VI) Compounds	(mg/L)	Quarterly									
Aug-25	Copper	(mg/L)	Quarterly									
Aug-25	Electrical Conductivity	(us/cm)	Quarterly									
Aug-25	Iron	(mg/L)	Quarterly									
Aug-25	Lead	(mg/L)	Quarterly									Next round of quarterly groundwater sampling scheduled for
Aug-25	Magnesium	(mg/L)	Quarterly									October 2025
Aug-25	Manganese	(mg/L)	Quarterly									
Aug-25	Nickel	(mg/L)	Quarterly									
Aug-25	pH	pH	Quarterly									
Aug-25	Potassium	(mg/L)	Quarterly									
Aug-25	Selenium	(mg/L)	Quarterly									
Aug-25	Sodium	(mg/L)	Quarterly									
Aug-25	Standing Water Level	(m)	Quarterly							•		
Aug-25	Vanadium	(mg/L)	Quarterly									
Aug-25	Zinc	(mg/L)	Quarterly									_

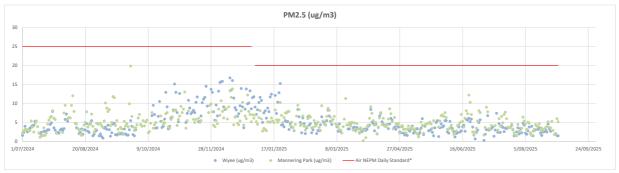
### POINT 33 Groundwater quality monitoring bore marked and shown as EPA ID 33 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).

				Samples Collected		Lowest Sample	Mean of	Highest Sample	99 Percentile	100 Percentile	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency		Date Sampled	Value	Samples	Value	Concentration Limit	Concentration Limit	(yes/no)	Comments
Aug-25	Aluminium	(mg/L)	Quarterly									
Aug-25	Ammonia	(mg/L)	Quarterly									
Aug-25	Arsenic (III)	(mg/L)	Quarterly									
Aug-25	Arsenic (V)	(mg/L)	Quarterly									
Aug-25	Cadmium	(mg/L)	Quarterly									
Aug-25	Chromium (trivalent)	(mg/L)	Quarterly									
Aug-25	Chromium (VI) Compounds	(mg/L)	Quarterly									
Aug-25	Copper	(mg/L)	Quarterly									
Aug-25	Electrical Conductivity	(us/cm)	Quarterly									
Aug-25	Iron	(mg/L)	Quarterly									
Aug-25	Lead	(mg/L)	Quarterly									Next round of quarterly groundwater sampling scheduled for
Aug-25	Magnesium	(mg/L)	Quarterly									October 2025
Aug-25	Manganese	(mg/L)	Quarterly									
Aug-25	Nickel	(mg/L)	Quarterly									
Aug-25	рН	рН	Quarterly									
Aug-25	Potassium	(mg/L)	Quarterly									
Aug-25	Selenium	(mg/L)	Quarterly									
Aug-25	Sodium	(mg/L)	Quarterly									
Aug-25	Standing Water Level	(m)	Quarterly									
Aug-25	Vanadium	(mg/L)	Quarterly									
Aug-25	Zinc	(mg/L)	Quarterly									

POINT 34	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 Collected		Lowest Sample	Mean of	Highest Sample	99 Percentile	100 Percentile	Exceedance		
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	& Analysed	Date Sampled	Value	Samples	Value	Concentration Limit	Concentration Limit	(yes/no)	Comments	
Aug-25	Aluminium	(mg/L)	Quarterly										
Aug-25	Ammonia	(mg/L)	Quarterly										
Aug-25	Arsenic (III)	(mg/L)	Quarterly										
Aug-25	Arsenic (V)	(mg/L)	Quarterly										
Aug-25	Cadmium	(mg/L)	Quarterly										
Aug-25	Chromium (trivalent)	(mg/L)	Quarterly										
Aug-25	Chromium (VI) Compounds	(mg/L)	Quarterly										
Aug-25	Copper	(mg/L)	Quarterly										
Aug-25	Electrical Conductivity	(us/cm)	Quarterly										
Aug-25	Iron	(mg/L)	Quarterly										
Aug-25	Lead	(mg/L)	Quarterly									Next round of quarterly groundwater sampling scheduled for	
Aug-25	Magnesium	(mg/L)	Quarterly									October 2025	
Aug-25	Manganese	(mg/L)	Quarterly										
Aug-25	Nickel	(mg/L)	Quarterly										
Aug-25	pH	pH	Quarterly										
Aug-25	Potassium	(mg/L)	Quarterly										
Aug-25	Selenium	(mg/L)	Quarterly										
Aug-25	Sodium	(mg/L)	Quarterly										
Aug-25	Standing Water Level	(m)	Quarterly										
Aug-25	Vanadium	(mg/L)	Quarterly										
Δυσ-25	Zinc	(mg/L)	Quarterly										







#### GENERAL COMMENTS

\*For more information about the Australian Governments National Environment Protection (Ambient Air Quality) Measure (Air NEPM) visit <a href="https://www.nepc.gov.au/nepms/ambient-air-quality-.pm2.5">https://www.nepc.gov.au/nepms/ambient-air-quality-.pm2.5</a> changed from 25ug/m3 to 20ug/m3 in 2025. This reduction is reflected in the PM2.5 graph above.

\*\*The Air NEPM daily standard for