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	June 2024	
ADDRESS	VALES ROAD, MANNERING PARK NSW	



POINT 2														
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		
Jun-24	Cadmium	(mg/m3)	Every 6 months							0.2	No			
Jun-24	Chlorine	(mg/m3)	Every 6 months							20	No			
Jun-24	Fluorine	(mg/m3)	Every 6 months							30	No			
Jun-24	Hydrogen chloride	(mg/m3)	Every 6 months							50	No			
Jun-24	Mercury	(mg/m3)	Every 6 months							0.05	No			
Jun-24	Nitrogen Oxides	(mg/m3)	Continuous	89.7%	Jun-24	368	623	756	850	980	No			
Jun-24	Solid Particles	(mg/m3)	Quarterly	1	Jun-24	3.27	3.27	3.27		50	No			
Jun-24	Sulfur dioxide	(mg/m3)	Continuous	89.7%	Jun-24	731	893	1253	1400	1700	No			
Jun-24	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months							100	No			
Jun-24	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months							0.75	No	-		
Jun-24	VOC's as n-propane equivalent	(mg/m3)	Every 6 months							10	No			

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). Exceed amples Collected Lowest Sample Mean of **Highest Sample** 99 Percentile 100 Percentile 100% Limit Unit of Measure Value Sample/Measurement Frequency (yes/no) Cadmium Every 6 months 0.2 Jun-24 (mg/m3) Jun-24 (mg/m3) Every 6 months 20 No Chlorine No Jun-24 (mg/m3) Every 6 months 30 Jun-24 Hydrogen chloride (mg/m3) Every 6 months 50 No Mercury 0.05 No Jun-24 (mg/m3) Every 6 months Jun-24 Nitrogen Oxides (mg/m3) Continuous 90.1% Jun-24 466 610 785 850 980 No Jun-24 4.89 620 4.89 4.89 No Jun-24 Solid Particles (mg/m3) Quarterly 50 90.1% 917 1294 No Jun-24 1400 Jun-24 Sulfur dioxide (mg/m3) 1700 Continuous No Jun-24 Sulfuric acid mist and sulfur trioxide (as SO3) (mg/m3) Every 6 months 100 Jun-24 Type 1 and Type 2 substances in aggregate (mg/m3) (mg/m3) Every 6 months 0.75 No VOC's as n-propane equivalent Every 6 months Jun-24

POINT 4	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).											
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
Jun-24	Cadmium	(mg/m3)	Every 6 months								N/A	
Jun-24	Carbon dioxide	(%)	Every 6 months								N/A	
Jun-24	Chlorine	(mg/m3)	Every 6 months								N/A	
Jun-24	Fluorine	(mg/m3)	Every 6 months								N/A	
Jun-24	Hydrogen chloride	(mg/m3)	Every 6 months								N/A	
Jun-24	Mercury	(mg/m3)	Every 6 months								N/A	
Jun-24	Solid Particles	(mg/m3)	Quarterly	1	5/06/2024	6.5	6.5	6.5			N/A	
Jun-24	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months								N/A	
Jun-24	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months								N/A	-
Jun-24	VOC's as n-propane equivalent	(mg/m3)	Every 6 months								N/A	

POINT 5	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 REF	ERENCE DOC20/4	76695 AND DUCZU	/4/0095-1).					
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
Jun-24	Cadmium	(mg/m3)	Every 6 months								N/A	
Jun-24	Mercury	(mg/m3)	Every 6 months								N/A	
Jun-24	Solid Particles	(mg/m3)	Quarterly	1	5/06/2024	3.6	3.6	3.6			N/A	
Jun-24	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 REF	ERENCE DOC20/4	76695 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
Jun-24	Cadmium	(mg/m3)	Every 6 months								N/A	
Jun-24	Carbon dioxide	(%)	Every 6 months								N/A	
Jun-24	Chlorine	(mg/m3)	Every 6 months								N/A	
Jun-24	Fluorine	(mg/m3)	Every 6 months								N/A	<u> </u>
Jun-24	Hydrogen chloride	(mg/m3)	Every 6 months								N/A	
Jun-24	Mercury	(mg/m3)	Every 6 months								N/A	
Jun-24	Solid Particles	(mg/m3)	Quarterly	1	4/06/2024	0.9	0.9	0.9			N/A	
Jun-24	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months								N/A	
Jun-24	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months								N/A	
Jun-24	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 REF	ERENCE DOC20/4	76695 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
Jun-24	Cadmium	(mg/m3)	Every 6 months	& Allalyseu	Date Jampieu	value	Janipies	value	Concentration Limit	Concentration Limit	N/A	comments
Jun-24	Mercury	(mg/m3)	Every 6 months								N/A	
Jun-24	Solid Particles	(mg/m3)	Quarterly	1	4/06/2024	<0.6	<0.6	<0.6			N/A	
Jun-24	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months	-	1,00,000	40.0	40.0	40.0			N/A	
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POINT 8	Boiler number 6 exhaust - duct A marked and sho	wn as EPA ID 8 on The Pla	ns ("VX837351-1 AND "VX837351-2"	03/06/2020 EPA REF	ERENCE DOC20/4	76695 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	(ves/no)	Comments
Jun-24	Cadmium	(mg/m3)										
			Every 6 months							CONCENTRATION ENTIRE	N/A	
Jun-24	Carbon dioxide	(%)	Every 6 months Every 6 months							CONCENTION LINE		
Jun-24 Jun-24	Carbon dioxide Chlorine									Concentration zamit	N/A	
		(%)	Every 6 months							CONCENTRATION EMILE	N/A N/A	
Jun-24	Chlorine	(%) (mg/m3)	Every 6 months Every 6 months								N/A N/A N/A	
Jun-24 Jun-24	Chlorine Fluorine	(%) (mg/m3) (mg/m3)	Every 6 months Every 6 months Every 6 months								N/A N/A N/A N/A	
Jun-24 Jun-24 Jun-24	Chlorine Fluorine Hydrogen chloride	(%) (mg/m3) (mg/m3) (mg/m3)	Every 6 months	1	6/06/2024	1.5	1.5	1.5			N/A N/A N/A N/A N/A	
Jun-24 Jun-24 Jun-24 Jun-24 Jun-24	Chlorine Fluorine Hydrogen chloride Mercury Solid Particles	(%) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3)	Every 6 months Quarterly	1	6/06/2024	1.5	1.5	1.5			N/A N/A N/A N/A N/A	
Jun-24 Jun-24 Jun-24 Jun-24 Jun-24 Jun-24	Chlorine Fluorine Hydrogen chloride Mercury Solid Particles Sulfuric acid mist and sulfur trioxide (as \$03)	(%) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3)	Every 6 months Quarterly Every 6 months	1	6/06/2024	1.5	1.5	1.5			N/A N/A N/A N/A N/A N/A N/A	
Jun-24 Jun-24 Jun-24 Jun-24 Jun-24	Chlorine Fluorine Hydrogen chloride Mercury Solid Particles Sulfuric acid mist and sulfur trioxide (as SO3) Type 1 and Type 2 substances in aggregate	(%) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3)	Every 6 months Ouarterly Every 6 months Every 6 months	1	6/06/2024	1.5	1.5	1.5			N/A N/A N/A N/A N/A N/A	
Jun-24 Jun-24 Jun-24 Jun-24 Jun-24 Jun-24 Jun-24	Chlorine Fluorine Hydrogen chloride Mercury Solid Particles Sulfuric acid mist and sulfur trioxide (as \$03)	(%) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3)	Every 6 months Quarterly Every 6 months	1	6/06/2024	1.5	1.5	1.5			N/A	
Jun-24 Jun-24 Jun-24 Jun-24 Jun-24 Jun-24 Jun-24	Chlorine Fluorine Hydrogen chloride Mercury Solid Particles Sulfuric acid mist and sulfur trioxide (as SO3) 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)	Every 6 months Quarterly Every 6 months Every 6 months Every 6 months Every 6 months					1.5			N/A	
Jun-24 Jun-24 Jun-24 Jun-24 Jun-24 Jun-24 Jun-24 Jun-24	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)	Every 6 months Quarterly Every 6 months Every 6 months Every 6 months Every 6 months	03/06/2020 EPA REF		76695 AND DOC20	/476695-1).				N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	
Jun-24 Jun-24 Jun-24 Jun-24 Jun-24 Jun-24 Jun-24 Jun-24 POINT 9	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)	Every 6 months Quarterly Every 6 months	03/06/2020 EPA REF	ERENCE DOC20/4	76695 AND DOC20	/476695-1).	Highest Sample	99 Percentile	100 Percentile	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	Comments
Jun-24 Jun-24 Jun-24 Jun-24 Jun-24 Jun-24 Jun-24 Jun-24 Jun-24 Month	Chlorine Fluorine Hydrogen chloride Mercury Solid Particles Sulfuric add 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) Unit of Measure	Every 6 months Ouarterly Every 6 months Every 8 months	03/06/2020 EPA REF		76695 AND DOC20	/476695-1).				N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	Comments
Jun-24 Jun-24 Jun-24 Jun-24 Jun-24 Jun-24 Jun-24 Jun-24 Jun-24 Jun-24	Chlorine Fluorine Hydrogen chloride Mercury Solid Particles Sulfunc acid mist and sulfur trioxide (as 503) 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) wn as EPA ID 9 on The Pla Unit of Measure (mg/m3)	Every 6 months Quarterly Every 6 months	03/06/2020 EPA REF	ERENCE DOC20/4	76695 AND DOC20	/476695-1).	Highest Sample	99 Percentile	100 Percentile	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	Comments
Jun-24 Jun-24 Jun-24 Jun-24 Jun-24 Jun-24 Jun-24 Jun-24 Month	Chlorine Fluorine Hydrogen chloride Mercury Solid Particles Sulfuric add 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) Unit of Measure	Every 6 months Ouarterly Every 6 months Every 8 months	03/06/2020 EPA REF	ERENCE DOC20/4	76695 AND DOC20	/476695-1).	Highest Sample	99 Percentile	100 Percentile	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	Comments

N/A

Jun-24

Type 1 and Type 2 substances in aggregate

(mg/m3)

Every 6 months

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
Jun-24	Cadmium	(mg/m3)	Every 6 months								N/A	
Jun-24	Carbon dioxide	(%)	Every 6 months								N/A	
Jun-24	Chlorine	(mg/m3)	Every 6 months								N/A	
Jun-24	Fluorine	(mg/m3)	Every 6 months								N/A	
Jun-24	Hydrogen chloride	(mg/m3)	Every 6 months								N/A	
Jun-24	Mercury	(mg/m3)	Every 6 months								N/A	
Jun-24	Solid Particles	(mg/m3)	Quarterly	1	6/06/2024	4.3	4.3	4.3			N/A	
Jun-24	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months								N/A	
Jun-24	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months								N/A	
Jun-24	VOC's as n-propane equivalent	(mg/m3)	Every 6 months								N/A	
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POINT 11	Boiler number 6 exhaust - duct D marked and sho	own as EPA ID 11 on The P	ans ("VX837351-1 AND "VX837351-2"	" 03/06/2020 EPA RE	FERENCE 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
Jun-24	Cadmium	(mg/m3)	Every 6 months								N/A	
Jun-24	Mercury	(mg/m3)	Every 6 months								N/A	
Jun-24	Solid Particles	(mg/m3)	Quarterly	1	7/6/2024	13.4	13.4	13.4			N/A	
Jun-24 POINT 12	Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and B	(mg/m3)	Every 6 months and shown as EPA ID 12 on The Plans ("VX837351-1 AND "V	X837351-2" 03/0	06/2020 EPA REFER	RENCE DOC20/47	76695 AND DOC20/	476695-1).		N/A	
Jun-24	1	(mg/m3)	and shown as EPA ID 12 on The Plans (Samples Collected	X837351-2" 03/0	Lowest Sample	Mean of	Highest Sample	99 Percentile	100 Percentile	Exceedance	Comments
Jun-24 POINT 12	Boiler number 5 combined exhaust - duct A and B	(mg/m3)	,						99 Percentile			Comments
Jun-24 POINT 12 Month	Boiler number 5 combined exhaust - duct A and E	(mg/m3) (points 4 and 5) marked a	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
Jun-24 POINT 12 Month Jun-24	Boiler number 5 combined exhaust - duct A and E Pollutant Nitrogen Oxides	(mg/m3) (points 4 and 5) marked a Unit of Measure (mg/m3) (mg/m3)	Sample/Measurement Frequency Continuous Continuous	Samples Collected & Analysed 89.7% 89.7%	Date Sampled Jun-24 Jun-24	Lowest Sample Value 359 633	Mean of Samples 633 836	Highest Sample Value 765 1174	99 Percentile Concentration Limit		Exceedance (yes/no) N/A	Comments
Jun-24 POINT 12 Month Jun-24 Jun-24 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	(mg/m3) (points 4 and 5) marked a Unit of Measure (mg/m3) (mg/m3) (points 6 and 7) marked a	Sample/Measurement Frequency Continuous Continuous and shownas EPA ID 13 on The Plans (*)	Samples Collected & Analysed 89.7% 89.7% "VX837351-1 AND "VV Samples Collected	Date Sampled Jun-24 Jun-24 Sun-24 (837351-2" 03/0	Lowest Sample Value 359 633 16/2020 EPA REFER Lowest Sample	Mean of Samples 633 836 ENCE DOC20/47	Highest Sample Value 765 1174 6695 AND DOC20/ Highest Sample	99 Percentile Concentration Limit 476695-1). 99 Percentile	Concentration Limit	Exceedance (yes/no) N/A N/A	
Month Jun-24 Jun-24 Jun-24 Jun-24 Month 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	(mg/m3) (points 4 and 5) marked a Unit of Measure (mg/m3) (mg/m3) (points 6 and 7) marked a Unit of Measure	sample/Measurement Frequency Continuous Continuous Continuous and shownas EPA ID 13 on The Plans (*) Sample/Measurement Frequency	Samples Collected & Analysed 89.7% 89.7% "VX837351-1 AND "VX Samples Collected & Analysed	Date Sampled Jun-24 Jun-24 S837351-2" 03/0	Lowest Sample Value 359 633 66/2020 EPA REFER Lowest Sample Value	Mean of Samples 633 836 ENCE DOC20/47 Mean of Samples	Highest Sample Value 765 1174 6695 AND DOC20/4 Highest Sample Value	99 Percentile Concentration Limit 476695-1).	Concentration Limit	Exceedance (yes/no) N/A N/A Exceedance (yes/no)	Comments
Jun-24 POINT 12 Month Jun-24 Jun-24 POINT 13 Month Jun-24	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	(mg/m3) i (points 4 and 5) marked a Unit of Measure (mg/m3) (mg/m3) (points 6 and 7) marked a 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 89.7% 89.7% "VX837351-1 AND "VX Samples Collected & Analysed 89.7%	Date Sampled Jun-24 Jun-24 (837351-2" 03/0 Date Sampled Jun-24	Lowest Sample Value 359 633 06/2020 EPA REFER Lowest Sample Value 375	Mean of Samples 633 836 ENCE DOC20/47 Mean of Samples 614	Highest Sample Value 765 1174 6695 AND DOC20/4 Highest Sample Value 747	99 Percentile Concentration Limit 476695-1). 99 Percentile	Concentration Limit	Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A	
Jun-24 POINT 12 Month Jun-24 Jun-24 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	(mg/m3) (points 4 and 5) marked a Unit of Measure (mg/m3) (mg/m3) (points 6 and 7) marked a Unit of Measure	sample/Measurement Frequency Continuous Continuous Continuous and shownas EPA ID 13 on The Plans (*) Sample/Measurement Frequency	Samples Collected & Analysed 89.7% 89.7% "VX837351-1 AND "VX Samples Collected & Analysed	Date Sampled Jun-24 Jun-24 S837351-2" 03/0	Lowest Sample Value 359 633 66/2020 EPA REFER Lowest Sample Value	Mean of Samples 633 836 ENCE DOC20/47 Mean of Samples	Highest Sample Value 765 1174 6695 AND DOC20/4 Highest Sample Value	99 Percentile Concentration Limit 476695-1). 99 Percentile	Concentration Limit	Exceedance (yes/no) N/A N/A Exceedance (yes/no)	
Month Jun-24 POINT 12 Month Jun-24 Jun-24 POINT 13 Month Jun-24	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	(mg/m3) i (points 4 and 5) marked a Unit of Measure (mg/m3) (mg/m3) c (points 6 and 7) marked a Unit of Measure (mg/m3) (mg/m3)	Sample/Measurement Frequency Continuous Continuous and shown as EPA ID 13 on The Plans (*) Sample/Measurement Frequency Continuous Continuous Continuous Continuous Continuous	Samples Collected & Analysed 89.7% 89.7% "VX837351-1 AND "VX Samples Collected & Analysed 89.7% 89.7%	Date Sampled Jun-24 Jun-24 (837351-2" 03/0 Date Sampled Jun-24 Jun-24	Lowest Sample Value 359 633 16/2020 EPA REFER Lowest Sample Value 375 784	Mean of Samples 633 836 ENCE DOC20/47 Mean of Samples 614 950	Highest Sample Value 765 1174 6695 AND DOC20/4 Highest Sample Value 747 1339	99 Percentile Concentration Limit 476695-1). 99 Percentile Concentration Limit	Concentration Limit	Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A	
Jun-24 POINT 12 Month Jun-24 Jun-24 POINT 13 Month Jun-24 Jun-24 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	(mg/m3) (mg/m3) (points 4 and 5) marked a Unit of Measure (mg/m3) (mg/m3) (points 6 and 7) marked a Unit of Measure (mg/m3) (mg/m3) (mg/m3) (mg/m3) (spoints 8 and 9) marked a	Sample/Measurement Frequency Continuous Continuous and shown as EPA ID 13 on The Plans (*) Sample/Measurement Frequency Continuous Continuous Continuous Continuous Continuous	Samples Collected & Analysed 89.7% 89.7% "VX837351-1 AND "VX Samples Collected & Analysed 89.7% 89.7% "VX837351-1 AND "VX Samples Collected	Date Sampled Jun-24 Jun-24 (837351-2" 03/0 Date Sampled Jun-24 Jun-24 (837351-2" 03/0	Lowest Sample Value 359 633 16/2020 EPA REFER Lowest Sample Value 375 784 16/2020 EPA REFER Lowest Sample	Mean of Samples 633 836 ENCE DOC20/47 Mean of Samples 614 950 ENCE DOC20/47 Mean of	Highest Sample Value 765 1174 6695 AND DOC20/- Highest Sample Value 747 1339 6695 AND DOC20/- Highest Sample	99 Percentile Concentration Limit 476695-1). 99 Percentile Concentration Limit 476695-1). 99 Percentile	Concentration Limit 100 Percentile Concentration Limit	Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A N/A	Comments
Jun-24 POINT 12 Month Jun-24 Jun-24 POINT 13 Month Jun-24 Jun-24 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	(mg/m3) (points 4 and 5) marked a Unit of Measure (mg/m3) (mg/m3) (points 6 and 7) marked a Unit of Measure (mg/m3) (mg/m3) (points 8 and 9) marked a Unit of Measure	Sample/Measurement Frequency Continuous Continuous Continuous Continuous Continuous Ind shownas EPA ID 13 on The Plans (* Sample/Measurement Frequency Continuous Continuous Continuous Continuous Sample/Measurement Frequency Sample/Measurement Frequency	Samples Collected & Analysed 89.7% 89.7% "VX837351-1 AND "VX Samples Collected & Analysed 89.7% 89.7% "VX837351-1 AND "VX Samples Collected & Analysed	Date Sampled Jun-24 Jun-24 (837351-2" 03/0 Date Sampled Jun-24 Jun-24 (837351-2" 03/0 Date Sampled	Lowest Sample Value 359 633 16/2020 EPA REFER Lowest Sample Value 375 784 16/2020 EPA REFER Lowest Sample Value 46/2020 EPA REFER Lowest Sample Value	Mean of Samples 633 836 ENCE DOC20/47 Mean of Samples 614 950 ENCE DOC20/47 Mean of Samples	Highest Sample Value 765 1174 6695 AND DOC20/ Highest Sample Value 747 1339 6695 AND DOC20/ Highest Sample Value	99 Percentile Concentration Limit 476695-1). 99 Percentile Concentration Limit 476695-1).	Concentration Limit 100 Percentile Concentration Limit	Exceedance (yes/no) N/A N/A N/A Exceedance (yes/no) N/A N/A	
Jun-24 POINT 12 Month Jun-24 Jun-24 POINT 13 Month Jun-24 Jun-24 Jun-24 Jun-24 Jun-24 Jun-24 Month Jun-24 Month Jun-24	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	(mg/m3) (points 4 and 5) marked a Unit of Measure (mg/m3) (mg/m3) (points 6 and 7) marked a Unit of Measure (mg/m3) (mg/m3) (points 8 and 9) marked a Unit of Measure (mg/m3)	Sample/Measurement Frequency Continuous	Samples Collected & Analysed 89.7% 89.7% "VX837351-1 AND "V) Samples Collected & Analysed 89.7% "VX837351-1 AND "V) Samples Collected & Analysed 90.7%	Date Sampled Jun-24 Jun-24 (837351-2" 03/0 Date Sampled Jun-24 (837351-2" 03/0 Date Sampled Jun-24	Lowest Sample Value 359 633 16/2020 EPA REFER Lowest Sample Value 375 784 Lowest Sample Lowest Sample Value 435	Mean of Samples 633 836 ENCE DOC20/47 Mean of Samples 614 950 ENCE DOC20/47 Mean of Samples 606	Highest Sample Value 765 1174 6695 AND DOC20/- Highest Sample Value 747 1339 6695 AND DOC20/- Highest Sample Value 792	99 Percentile Concentration Limit 476695-1). 99 Percentile Concentration Limit 476695-1). 99 Percentile	Concentration Limit 100 Percentile Concentration Limit	Exceedance (yes/no) N/A N/A N/A Exceedance (yes/no) N/A Exceedance (yes/no)	Comments
Jun-24 POINT 12 Month Jun-24 Jun-24 POINT 13 Month Jun-24 Jun-24 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	(mg/m3) (points 4 and 5) marked a Unit of Measure (mg/m3) (mg/m3) (points 6 and 7) marked a Unit of Measure (mg/m3) (mg/m3) (points 8 and 9) marked a Unit of Measure	Sample/Measurement Frequency Continuous Continuous Continuous Continuous Continuous Ind shownas EPA ID 13 on The Plans (* Sample/Measurement Frequency Continuous Continuous Continuous Continuous Sample/Measurement Frequency Sample/Measurement Frequency	Samples Collected & Analysed 89.7% 89.7% "VX837351-1 AND "VX Samples Collected & Analysed 89.7% 89.7% "VX837351-1 AND "VX Samples Collected & Analysed	Date Sampled Jun-24 Jun-24 (837351-2" 03/0 Date Sampled Jun-24 Jun-24 (837351-2" 03/0 Date Sampled	Lowest Sample Value 359 633 16/2020 EPA REFER Lowest Sample Value 375 784 16/2020 EPA REFER Lowest Sample Value 46/2020 EPA REFER Lowest Sample Value	Mean of Samples 633 836 ENCE DOC20/47 Mean of Samples 614 950 ENCE DOC20/47 Mean of Samples	Highest Sample Value 765 1174 6695 AND DOC20/ Highest Sample Value 747 1339 6695 AND DOC20/ Highest Sample Value	99 Percentile Concentration Limit 476695-1). 99 Percentile Concentration Limit 476695-1). 99 Percentile	Concentration Limit 100 Percentile Concentration Limit	Exceedance (yes/no) N/A N/A N/A Exceedance (yes/no) N/A N/A	Comments
Jun-24	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	(mg/m3) (points 4 and 5) marked a Unit of Measure (mg/m3) (mg/m3) (points 6 and 7) marked a Unit of Measure (mg/m3) (mg/m3) (points 8 and 9) marked a Unit of Measure (mg/m3) (points 8 and 9) marked a	Sample/Measurement Frequency Continuous	Samples Collected & Analysed 89.7% 89.7% "VX837351-1 AND "VX Samples Collected & Analysed 89.7% 89.7% "VX837351-1 AND "VX Samples Collected & Analysed 90.7% 90.7%	Date Sampled Jun-24 Jun-24 (837351-2" 03/0 Date Sampled Jun-24 Jun-24 (837351-2" 03/0 Date Sampled Jun-24 Jun-24 Jun-24	Lowest Sample Value 359 633 66/2020 EPA REFER Lowest Sample Value 375 784 16/2020 EPA REFER Lowest Sample Value 435 650	Mean of Samples 633 836 ENCE DOC20/47 Mean of Samples 614 950 ENCE DOC20/47 Mean of Samples 606 954	Highest Sample Value 765 1174 6695 AND DOC20/ Highest Sample Value 747 1339 6695 AND DOC20/ Highest Sample Value 792 1383	99 Percentile Concentration Limit 476695-1). 99 Percentile Concentration Limit 476695-1). 99 Percentile Concentration Limit	Concentration Limit 100 Percentile Concentration Limit	Exceedance (yes/no) N/A N/A N/A Exceedance (yes/no) N/A Exceedance (yes/no)	Comments
Jun-24 POINT 12 Month Jun-24 Jun-24 POINT 13 Month Jun-24 Jun-24 POINT 14 Month Jun-24 Jun-24 Jun-24 Jun-24	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 Sulfur dioxide Sulfur dioxide	(mg/m3) (points 4 and 5) marked a Unit of Measure (mg/m3) (mg/m3) (points 6 and 7) marked a Unit of Measure (mg/m3) (mg/m3) (points 8 and 9) marked a Unit of Measure (mg/m3) (points 8 and 9) marked a	Sample/Measurement Frequency Continuous	Samples Collected & Analysed 89.7% 89.7% "VX837351-1 AND "VX Samples Collected & Analysed 89.7% 89.7% "VX837351-1 AND "VX Samples Collected & Analysed 90.7% 90.7%	Date Sampled Jun-24 Jun-24 (837351-2" 03/0 Date Sampled Jun-24 Jun-24 (837351-2" 03/0 Date Sampled Jun-24 Jun-24 Jun-24	Lowest Sample Value 359 633 66/2020 EPA REFER Lowest Sample Value 375 784 16/2020 EPA REFER Lowest Sample Value 435 650	Mean of Samples 633 836 ENCE DOC20/47 Mean of Samples 614 950 ENCE DOC20/47 Mean of Samples 606 954	Highest Sample Value 765 1174 6695 AND DOC20/ Highest Sample Value 747 1339 6695 AND DOC20/ Highest Sample Value 792 1383	99 Percentile Concentration Limit 476695-1). 99 Percentile Concentration Limit 476695-1). 99 Percentile Concentration Limit	Concentration Limit 100 Percentile Concentration Limit	Exceedance (yes/no) N/A N/A N/A Exceedance (yes/no) N/A Exceedance (yes/no)	Comments
Jun-24 POINT 12 Month Jun-24 Jun-24 POINT 13 Month Jun-24 Jun-24 POINT 14 Month Jun-24 Jun-24 Jun-24 Jun-24	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 Sulfur dioxide Sulfur dioxide	(mg/m3) (points 4 and 5) marked a Unit of Measure (mg/m3) (mg/m3) (points 6 and 7) marked a Unit of Measure (mg/m3) (mg/m3) (points 8 and 9) marked a Unit of Measure (mg/m3) (points 8 and 9) marked a	Sample/Measurement Frequency Continuous	Samples Collected & Analysed 89.7% 89.7% "VX837351-1 AND "V) Samples Collected & Analysed 89.7% 89.7% "VX837351-1 AND "V) Samples Collected & Analysed 90.7% 90.7% 5 ("VX837351-1 AND "	Date Sampled Jun-24 Jun-24 (837351-2" 03/0 Date Sampled Jun-24 Jun-24 (837351-2" 03/0 Date Sampled Jun-24 Jun-24 Jun-24	Lowest Sample Value 359 6333 66/2020 EPA REFER Lowest Sample Value 375 784 16/2020 EPA REFER Lowest Sample Value 435 650	Mean of Samples 633 836 836 ENCE DOC20/47 Mean of Samples 614 950 ENCE DOC20/47 Mean of Samples 606 954 ERENCE DOC20/	Highest Sample Value 765 1174 6695 AND DOC20/ Highest Sample Value 747 1339 6695 AND DOC20/ Highest Sample Value 792 1383 476695 AND DOC2	99 Percentile Concentration Limit 476695-1). 99 Percentile Concentration Limit 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	Comments
Jun-24 POINT 12 Month Jun-24 Jun-24 POINT 13 Month Jun-24 Jun-24 Jun-24 POINT 14 Month Jun-24 Jun-24 Jun-24 Jun-24 Jun-24 Jun-24 Jun-24	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 C and D Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 6 combined exhaust - duct C and D	(mg/m3) (points 4 and 5) marked a Unit of Measure (mg/m3) (mg/m3) (points 6 and 7) marked a Unit of Measure (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (points 8 and 9) marked a Unit of Measure (mg/m3) (mg/m3) (mg/m3)	Sample/Measurement Frequency Continuous	Samples Collected & Analysed 89.7% 89.7% "VX837351-1 AND "VX Samples Collected & Analysed 89.7% 89.7% "VX837351-1 AND "VX Samples Collected & Analysed 90.7% 90.7% 90.7% S("VX837351-1 AND "VX837351-1 AND "VX	Date Sampled Jun-24 Jun-24 (837351-2" 03/0 Date Sampled Jun-24 Jun-24 Jun-24 (837351-2" 03/0 Date Sampled Jun-24 Jun-24 Jun-24 Jun-24 Jun-24	Lowest Sample Value 359 633 66/2020 EPA REFER Lowest Sample Value 375 784 16/2020 EPA REFER Lowest Sample Value 435 650 8/06/2020 EPA REF	Mean of Samples 633 836 ENCE DOC20/47 Mean of Samples 614 950 ENCE DOC20/47 Mean of Samples 606 954 ERENCE DOC20/ Mean of	Highest Sample Value 765 1174 6695 AND DOC20/ Highest Sample Value 747 1339 6695 AND DOC20/ Highest Sample Value 792 1383 476695 AND DOC2 Highest Sample	99 Percentile Concentration Limit 476695-1). 99 Percentile Concentration Limit 476695-1). 99 Percentile Concentration Limit 0/476695-1). 99 Percentile	Concentration Limit 100 Percentile Concentration Limit 100 Percentile Concentration Limit	Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A N/A Exceedance (yes/no) Exceedance	Comments

POIN	NT 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	98.5 Percentile	100 Percentile	Exceed 100%			
Mo	nth	Pollutant	Unit of Measure	Sample/Measurement Frequency	& Analysed	Date Sampled	Value	Samples	Value	Concentration Limit	Concentration Limit	Limit (yes/no)	Comments		
Jun	-24	Chlorine (free residual)	(mg/L)	Monthly during discharge	1	5/06/2024	0	0	0		0.2	No			
Jun	-24	Copper	(mg/L)	Monthly during discharge	1	5/06/2024	0.001	0.001	0.001		0.005	No			
Jun	ı-24	Iron	(mg/L)	Monthly during discharge	1	5/06/2024	0.11	0.11	0.11		0.3	No			
Jun	ı-24	Oil and Grease	Visible	Continuous during discharge	100%	Jun-24	NIL	NIL	NIL						
Jun	-24	Selenium	(mg/L)	Monthly during discharge	1	5/06/2024	0.001	0.001	0.001		0.005	No			
Jun	ı-24	Temperature	(°C)	Continuous during discharge	100%	Jun-24	20.4	25.8	30.4	35	37.5	No			

POINT 23	Discharge of supernatant water from the ash dam	to the cooling water out	et canal to Wyee Bay marked and sho	wn as EPA ID 23 on T	he Plans ("VX837	351-1 AND "VX837	7351-2" 03/06/2	2020 EPA REFERENC	CE DOC20/476695 AND D	OC20/476695-1).		
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Samples Collected & Analysed	Date Sampled	Lowest Sample Value	Mean of Samples	Highest Sample Value	99 Percentile Concentration Limit	100 Percentile Concentration Limit	Exceedance (yes/no)	Comments
Jun-24	Aluminium	(mg/L)	Monthly during discharge	1	5/06/2024	0.15	0.15	0.15				
Jun-24	Ammonia	(mg/L)	Monthly during discharge	1	5/06/2024	0.097	0.097	0.097				
Jun-24	Arsenic (III)	(mg/L)	Monthly during discharge	1	5/06/2024	< 0.001	< 0.001	< 0.001				
Jun-24	Arsenic (V)	(mg/L)	Monthly during discharge	1	5/06/2024	0.004	0.004	0.004				
Jun-24	Cadmium	(mg/L)	Monthly during discharge	1	5/06/2024	<0.0001	< 0.0001	< 0.0001				
Jun-24	Chromium (trivalent)	(mg/L)	Monthly during discharge	1	5/06/2024	<0.005	<0.005	< 0.005				
Jun-24	Chromium (VI) Compounds	(mg/L)	Monthly during discharge	1	5/06/2024	0.020	0.020	0.020				
Jun-24	Copper	(mg/L)	Monthly during discharge	1	5/06/2024	< 0.001	< 0.001	< 0.001				
Jun-24	Iron	(mg/L)	Monthly during discharge	1	5/06/2024	0.280	0.280	0.280				
Jun-24	Lead	(mg/L)	Monthly during discharge	1	5/06/2024	<0.001	< 0.001	< 0.001				
Jun-24	Manganese	(mg/L)	Monthly during discharge	1	5/06/2024	0.0120	0.0120	0.0120				
Jun-24	Nickel	(mg/L)	Monthly during discharge	1	5/06/2024	0.001	0.001	0.001				
Jun-24	Nitrate + nitrite (oxidised nitrogen)	(mg/L)	Monthly during discharge	1	5/06/2024	0.088	0.088	0.088				
Jun-24	Nitrogen	(mg/L)	Monthly during discharge	1	5/06/2024	0.40	0.40	0.40				
Jun-24	pH	pH	Monthly during discharge	1	5/06/2024	8.67	8.67	8.67		6.5 - 9.5	No	
Jun-24	Phosphorus	(mg/L)	Monthly during discharge	1	5/06/2024	0.07	0.07	0.07				
Jun-24	Reactive Phosphorus	(mg/L)	Monthly during discharge	1	5/06/2024	0.04	0.04	0.04				
Jun-24	Selenium	(mg/L)	Monthly during discharge	1	5/06/2024	0.022	0.022	0.022				
Jun-24	Total Kjeldahl Nitrogen	(mg/L)	Monthly during discharge	1	5/06/2024	0.3	0.3	0.3				-
Jun-24	Total Suspended Solids	(mg/L)	Monthly during discharge	1	5/06/2024	9	9	9		50	No	·
Jun-24	Vanadium	(mg/L)	Monthly during discharge	1	5/06/2024	0.04	0.04	0.04				
Jun-24	Zinc	(mg/L)	Monthly during discharge	1	5/06/2024	0.007	0.007	0.007				

POINT 24	Discharge of seepage water from the ash dam	rehabilitation area to Manne	ering Bay marked and shown as EPA ID	24 on The Plans ("V)	K837351-1 AND "	VX837351-2" 03/0	06/2020 EPA REF	ERENCE DOC20/47	6695 AND DOC20/47669	95-1).		
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Samples Collected & Analysed	Date Sampled	Lowest Sample Value	Mean of Samples	Highest Sample Value	Discharge (yes/no)	100 Percentile Concentration Limit	Exceedance (yes/no)	Comments
Jun-24	Aluminium	(mg/L)	Monthly during discharge	1	5/06/2024				No			
Jun-24	Ammonia	(mg/L)	Monthly during discharge	1	5/06/2024				No			
Jun-24	Arsenic (III)	(mg/L)	Monthly during discharge	1	5/06/2024				No			
Jun-24	Arsenic (V)	(mg/L)	Monthly during discharge	1	5/06/2024				No			
Jun-24	Cadmium	(mg/L)	Monthly during discharge	1	5/06/2024				No			
Jun-24	Chromium (trivalent)	(mg/L)	Monthly during discharge	1	5/06/2024				No			
Jun-24	Chromium (VI) Compounds	(mg/L)	Monthly during discharge	1	5/06/2024				No			
Jun-24	Copper	(mg/L)	Monthly during discharge	1	5/06/2024				No			
Jun-24	Iron	(mg/L)	Monthly during discharge	1	5/06/2024				No			
Jun-24	Lead	(mg/L)	Monthly during discharge	1	5/06/2024				No			
Jun-24	Manganese	(mg/L)	Monthly during discharge	1	5/06/2024				No			No discharge from EPA Point 24 during June 2024
Jun-24	Nickel	(mg/L)	Monthly during discharge	1	5/06/2024				No			
Jun-24	Nitrate + nitrite (oxidised nitrogen)	(mg/L)	Monthly during discharge	1	5/06/2024				No			
Jun-24	Nitrogen	(mg/L)	Monthly during discharge	1	5/06/2024				No			
Jun-24	pH	pH	Monthly during discharge	1	5/06/2024				No	6.5 - 9.5	No	
Jun-24	Phosphorus	(mg/L)	Monthly during discharge	1	5/06/2024				No			
Jun-24	Reactive Phosphorus	(mg/L)	Monthly during discharge	1	5/06/2024				No			·
Jun-24	Selenium	(mg/L)	Monthly during discharge	1	5/06/2024				No			-
Jun-24	Total Kjeldahl Nitrogen	(mg/L)	Monthly during discharge	1	5/06/2024				No			
Jun-24	Total Suspended Solids	(mg/L)	Monthly during discharge	1	5/06/2024				No	50	No	-
Jun-24	Vanadium	(mg/L)	Monthly during discharge	1	5/06/2024				No			
Jun-24	Zinc	(mg/L)	Monthly during discharge	1	5/06/2024				No			

POINT 25	Discharge of over boarded water from the ash dar	n to Mannering Bay marked	d and shown as EPA ID 25 on The Plans	s ("VX837351-1 ANI	D "VX837351-2"	03/06/2020 EPA F	EFERENCE DOC20	0/476695 AND DO	£20/476695-1).

	Sisting of over bounded water from the ask and	• ,										
				Samples Collected		Lowest Sample	Mean of	Highest Sample	Discharge (yes/no)		Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	& Analysed	Date Sampled	Value	Samples	Value		Concentration Limit	(yes/no)	Comments
Jun-24	Aluminium	(mg/L)	Daily for any discharge >2 hrs						No			
Jun-24	Ammonia	(mg/L)	Daily for any discharge >2 hrs						No			
Jun-24	Arsenic (III)	(mg/L)	Daily for any discharge >2 hrs						No			
Jun-24	Arsenic (V)	(mg/L)	Daily for any discharge >2 hrs						No			
Jun-24	Cadmium	(mg/L)	Daily for any discharge >2 hrs						No			
Jun-24	Chromium (trivalent)	(mg/L)	Daily for any discharge >2 hrs						No			
Jun-24	Chromium (VI) Compounds	(mg/L)	Daily for any discharge >2 hrs						No			
Jun-24	Copper	(mg/L)	Daily for any discharge >2 hrs						No			
Jun-24	Iron	(mg/L)	Daily for any discharge >2 hrs						No			
Jun-24	Lead	(mg/L)	Daily for any discharge >2 hrs						No			
Jun-24	Manganese	(mg/L)	Daily for any discharge >2 hrs						No			
Jun-24	Nickel	(mg/L)	Daily for any discharge >2 hrs						No			No discharge from EPA Point 25 during June 2024
Jun-24	Nitrate + nitrite (oxidised nitrogen)	(mg/L)	Daily for any discharge >2 hrs						No			
Jun-24	Nitrogen	(mg/L)	Daily for any discharge >2 hrs						No			
Jun-24	pH	pH	Daily for any discharge >2 hrs						No	6.5 - 9.5		
Jun-24	Phosphorus	(mg/L)	Daily for any discharge >2 hrs						No			
Jun-24	Reactive Phosphorus	(mg/L)	Daily for any discharge >2 hrs						No			
Jun-24	Selenium	(mg/L)	Daily for any discharge >2 hrs						No			
Jun-24	Total Kjeldahl Nitrogen	(mg/L)	Daily for any discharge >2 hrs						No			
Jun-24	Total Suspended Solids	(mg/L)	Daily for any discharge >2 hrs						No	50		_
Jun-24	Vanadium	(mg/L)	Daily for any discharge >2 hrs						No			_
Jun-24	Zinc	(mg/L)	Daily for any discharge >2 hrs						No			

POINT 30	NT 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).												
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	
Jun-24	Aluminium	(mg/L)	Quarterly										
Jun-24	Ammonia	(mg/L)	Quarterly										
Jun-24	Arsenic (III)	(mg/L)	Quarterly										
Jun-24	Arsenic (V)	(mg/L)	Quarterly										
Jun-24	Cadmium	(mg/L)	Quarterly										
Jun-24	Chromium (trivalent)	(mg/L)	Quarterly										
Jun-24	Chromium (VI) Compounds	(mg/L)	Quarterly										
Jun-24	Copper	(mg/L)	Quarterly										
Jun-24	Electrical Conductivity	(us/cm)	Quarterly										
Jun-24	Iron	(mg/L)	Quarterly										
Jun-24	Lead	(mg/L)	Quarterly									Next sample scheduled for July 2024	
Jun-24	Magnesium	(mg/L)	Quarterly										
Jun-24	Manganese	(mg/L)	Quarterly										
Jun-24	Nickel	(mg/L)	Quarterly										
Jun-24	pH	pH	Quarterly										
Jun-24	Potassium	(mg/L)	Quarterly										
Jun-24	Selenium	(mg/L)	Quarterly										
Jun-24	Sodium	(mg/L)	Quarterly									_	
Jun-24	Standing Water Level	(m)	Quarterly										
Jun-24	Vanadium	(mg/L)	Quarterly										
Jun-24	Zinc	(mg/L)	Quarterly										

POINT 31	Groundwater quality monitoring bore marked and	d shown as EPA ID 31 on T	he Plans ("VX837351-1 AND "VX8373	51-2" 03/06/2020 EI	PA REFERENCE DO	C20/476695 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
Jun-24	Aluminium	(mg/L)	Quarterly									
Jun-24	Ammonia	(mg/L)	Quarterly									
Jun-24	Arsenic (III)	(mg/L)	Quarterly									
Jun-24	Arsenic (V)	(mg/L)	Quarterly									
Jun-24	Cadmium	(mg/L)	Quarterly									
Jun-24	Chromium (trivalent)	(mg/L)	Quarterly									
Jun-24	Chromium (VI) Compounds	(mg/L)	Quarterly									
Jun-24	Copper	(mg/L)	Quarterly									
Jun-24	Electrical Conductivity	(us/cm)	Quarterly									
Jun-24	Iron	(mg/L)	Quarterly									
Jun-24	Lead	(mg/L)	Quarterly									Next sample scheduled for July 2024
Jun-24	Magnesium	(mg/L)	Quarterly									
Jun-24	Manganese	(mg/L)	Quarterly									
Jun-24	Nickel	(mg/L)	Quarterly									
Jun-24	pH	pН	Quarterly									
Jun-24	Potassium	(mg/L)	Quarterly									
Jun-24	Selenium	(mg/L)	Quarterly									
Jun-24	Sodium	(mg/L)	Quarterly				•					
Jun-24	Standing Water Level	(m)	Quarterly									
Jun-24	Vanadium	(mg/L)	Quarterly									
Jun-24	Zinc	(mg/L)	Quarterly									

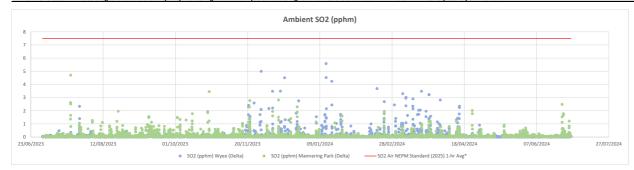
POINT 32	Groundwater quality monitoring bore marked and shown as EPA ID 32 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).											
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Samples Collected & Analysed	Date Sampled	Lowest Sample Value	Mean of Samples	Highest Sample Value	99 Percentile Concentration Limit	100 Percentile Concentration Limit	Exceedance (yes/no)	Comments
Jun-24	Aluminium	(mg/L)	Quarterly									
Jun-24	Ammonia	(mg/L)	Quarterly									
Jun-24	Arsenic (III)	(mg/L)	Quarterly									
Jun-24	Arsenic (V)	(mg/L)	Quarterly									
Jun-24	Cadmium	(mg/L)	Quarterly									
Jun-24	Chromium (trivalent)	(mg/L)	Quarterly									
Jun-24	Chromium (VI) Compounds	(mg/L)	Quarterly									
Jun-24	Copper	(mg/L)	Quarterly									
Jun-24	Electrical Conductivity	(us/cm)	Quarterly									
Jun-24	Iron	(mg/L)	Quarterly									
Jun-24	Lead	(mg/L)	Quarterly									Next sample scheduled for July 2024
Jun-24	Magnesium	(mg/L)	Quarterly									
Jun-24	Manganese	(mg/L)	Quarterly									
Jun-24	Nickel	(mg/L)	Quarterly									
Jun-24	pH	pH	Quarterly									
Jun-24	Potassium	(mg/L)	Quarterly				,					-
Jun-24	Selenium	(mg/L)	Quarterly									
Jun-24	Sodium	(mg/L)	Quarterly									
Jun-24	Standing Water Level	(m)	Quarterly									
Jun-24	Vanadium	(mg/L)	Quarterly									
Jun-24	Zinc	(mg/L)	Quarterly	1								

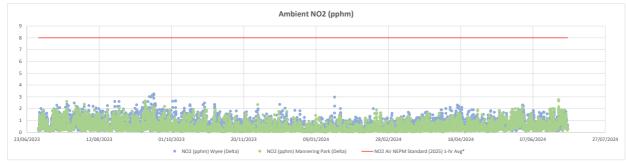
POINT 33	Groundwater quality monitoring bore marked and shown as EPA ID 33 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).											
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Samples Collected & Analysed	Date Sampled	Lowest Sample Value	Mean of Samples	Highest Sample Value	99 Percentile Concentration Limit	100 Percentile Concentration Limit	Exceedance (yes/no)	Comments
Jun-24	Aluminium	(mg/L)	Quarterly									
Jun-24	Ammonia	(mg/L)	Quarterly									
Jun-24	Arsenic (III)	(mg/L)	Quarterly									
Jun-24	Arsenic (V)	(mg/L)	Quarterly									
Jun-24	Cadmium	(mg/L)	Quarterly									
Jun-24	Chromium (trivalent)	(mg/L)	Quarterly									
Jun-24	Chromium (VI) Compounds	(mg/L)	Quarterly									
Jun-24	Copper	(mg/L)	Quarterly									
Jun-24	Electrical Conductivity	(us/cm)	Quarterly									
Jun-24	Iron	(mg/L)	Quarterly									
Jun-24	Lead	(mg/L)	Quarterly									Next sample scheduled for July 2024
Jun-24	Magnesium	(mg/L)	Quarterly									
Jun-24	Manganese	(mg/L)	Quarterly									
Jun-24	Nickel	(mg/L)	Quarterly									
Jun-24	pH	pН	Quarterly									
Jun-24	Potassium	(mg/L)	Quarterly									
Jun-24	Selenium	(mg/L)	Quarterly									
Jun-24	Sodium	(mg/L)	Quarterly									
Jun-24	Standing Water Level	(m)	Quarterly									
Jun-24	Vanadium	(mg/L)	Quarterly									
Jun-24	Zinc	(mg/L)	Quarterly									

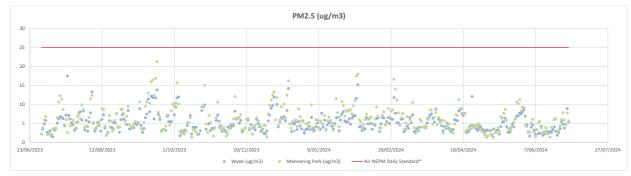
POINT 34	Groundwater quality monitoring bore marked and shown as EPA ID 33 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).											
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Samples Collected & Analysed	Date Sampled	Lowest Sample Value	Mean of Samples	Highest Sample Value	99 Percentile Concentration Limit	100 Percentile Concentration Limit	Exceedance (yes/no)	Comments
Jun-24	Aluminium	(mg/L)	Quarterly	C. Allary Sea	Date Jampiea	Value	Samples	Value	CONCENTIATION ENTIRE	CONCENTRATION ENTIRE	(403/110)	comments
Jun-24	Ammonia	(mg/L)	Quarterly									
Jun-24	Arsenic (III)	(mg/L)	Quarterly									
Jun-24	Arsenic (V)	(mg/L)	Quarterly									
Jun-24	Cadmium	(mg/L)	Quarterly									
Jun-24	Chromium (trivalent)	(mg/L)	Quarterly									
Jun-24	Chromium (VI) Compounds	(mg/L)	Quarterly									
Jun-24	Copper	(mg/L)	Quarterly									
Jun-24	Electrical Conductivity	(us/cm)	Quarterly									
Jun-24	Iron	(mg/L)	Quarterly									Next sample scheduled for July 2024
Jun-24	Lead	(mg/L)	Quarterly									
Jun-24	Magnesium	(mg/L)	Quarterly									
Jun-24	Manganese	(mg/L)	Quarterly									
Jun-24	Nickel	(mg/L)	Quarterly									
Jun-24	pH	pH	Quarterly									
Jun-24	Potassium	(mg/L)	Quarterly									
Jun-24	Selenium	(mg/L)	Quarterly									
Jun-24	Sodium	(mg/L)	Quarterly									
Jun-24	Standing Water Level	(m)	Quarterly									
Jun-24	Vanadium	(mg/L)	Quarterly									
Jun-24	Zinc	(mg/L)	Quarterly									

Ambient Air Quality Graphs

POINTS 16 & 35 Meteorological and ambient air quality monitoring stations at Wyee & Mannering Park marked and shown as EPA ID 16 & EPA ID 35 respectively on The Plan.







ENERAL COMMENT

*For more information about the Australian Governments National Environment Protection (Ambient Air Quality) Measure (Air NEPM) visit https://www.nepc.gov.au/nepms/ambient-air-quality