Vales Point Power Station Monthly Environmental Data Summary

LICENCE NO	761	http://www.epa.nsw.gov.au/prpoeoapp/
LICENCE HOLDER	SUNSET POWER INTERNATIONAL PTY LTD	
REPORTING PERIOD	September 2024	
ADDRESS	VALES ROAD, MANNERING PARK NSW	

Sep-24

Sep-24

Sep-24

Sep-24

Sulfuric acid mist and sulfur trioxide (as SO3)

Type 1 and Type 2 substances in aggregate

VOC's as n-propane equivalent



No

No

No

100

0.75

POINT 2	Combined air emissions from boiler 5 via Points 4	to 7 to Point 1 marked an	d shown as EPA ID 2 on The Plans ("V	X837351-1 AND "VX8	337351-2" 03/06	2020 EPA REFERE	NCE DOC20/476	695 AND DOC20/47	76695-1).			
											Exceed	
				Samples Collected	Date Sampled	Lowest Sample	Mean of	Highest Sample	99 Percentile	100 Percentile	100% Limit	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	& Analysed		Value	Samples	Value	Concentration Limit	Concentration Limit	(yes/no)	Comments
Sep-24	Cadmium	(mg/m3)	Every 6 months	1	Jul-2024	0.000694	0.000694	0.000694		0.2	No	
Sep-24	Chlorine	(mg/m3)	Every 6 months	1	Jul-2024	<0.0424	< 0.0424	< 0.0424		20	No	
Sep-24	Fluorine	(mg/m3)	Every 6 months	1	Jul-2024	14.615	14.615	14.615		30	No	
Sep-24	Hydrogen chloride	(mg/m3)	Every 6 months	1	Jul-2024	< 0.04	< 0.04	< 0.04		50	No	
Sep-24	Mercury	(mg/m3)	Every 6 months	1	Jul-2024	0.0006	0.0006	0.0006		0.05	No	
Sep-24	Nitrogen Oxides	(mg/m3)	Continuous	96.9%	Sep-24	401	607	758	850	980	No	
Sep-24	Solid Particles	(mg/m3)	Quarterly	1	Jul-2024	3.61	3.61	3.61		50	No	
Sep-24	Sulfur dioxide	(mg/m3)	Continuous	99.3%	Sep-24	616	870	1068	1400	1700	No	
Sep-24	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months	1	Jul-2024	7.1	7.1	7.1		100	No	
Sep-24	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months	1	Jul-2024	0.012	0.012	0.012		0.75	No	
Sep-24	VOC's as n-propane equivalent	(mg/m3)	Every 6 months	1	Jul-2024	< 0.4699	< 0.4699	< 0.4699		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 & Analysed Value Sample/Measurement Frequency Samples (yes/no) Jul-2024 0.00036 0.00036 0.00036 Sep-24 Cadmium (mg/m3) Every 6 months 0.2 Sep-24 Jul-2024 <0.0459 < 0.0459 < 0.0459 20 No Chlorine (mg/m3) Every 6 months No Sep-24 (mg/m3) Every 6 months Jul-2024 7.246 7.246 7.246 30 Sep-24 Hydrogen chloride (mg/m3) Every 6 months Jul-2024 <0.038 <0.038 <0.038 50 No Mercury Jul-2024 0.0010 0.0010 0.0010 0.05 No Sep-24 (mg/m3) Every 6 months Sep-24 Nitrogen Oxides (mg/m3) Continuous 98.8% Sep-24 370 541 719 850 980 No Jul-2024 8.86 528 8.86 860 8.86 1061 No Sep-24 Solid Particles (mg/m3) Quarterly 50 No 99.8% 1400 Sulfur dioxide Sep-24 1700

6.8

0.010

< 0.4635

6.8

0.010

< 0.4635

6.8

0.010

< 0.4635

Jul-2024

Jul-2024

Jul-2024

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	95-1).	
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Continuous

Every 6 months

Every 6 months

Every 6 months

(mg/m3)

(mg/m3)

(mg/m3) (mg/m3)

				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
Sep-24	Cadmium	(mg/m3)	Every 6 months	1	Jul-2024	0.00227	0.00227	0.00227			N/A	
Sep-24	Carbon dioxide	(%)	Every 6 months	1	Jul-2024	7.7	7.7	7.7			N/A	
Sep-24	Chlorine	(mg/m3)	Every 6 months	1	Jul-2024	< 0.049	< 0.049	< 0.049			N/A	
Sep-24	Fluorine	(mg/m3)	Every 6 months	1	Jul-2024	17.03	17.03	17.03			N/A	
Sep-24	Hydrogen chloride	(mg/m3)	Every 6 months	1	Jul-2024	< 0.049	< 0.049	< 0.049			N/A	
Sep-24	Mercury	(mg/m3)	Every 6 months	1	Jul-2024	0.00035	0.00035	0.00035			N/A	
Sep-24	Solid Particles	(mg/m3)	Quarterly	1	Jul-2024	8.4	8.4	8.4			N/A	
Sep-24	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months	1	Jul-2024	8.9	8.9	8.9			N/A	
Sep-24	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months	1	Jul-2024	0.011	0.011	0.011			N/A	
Sep-24	VOC's as n-propane equivalent	(mg/m3)	Every 6 months	1	Jul-2024	< 0.471	< 0.471	< 0.471			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 DOC2	0/476695-1).					
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
Sep-24	Cadmium	(mg/m3)	Every 6 months	1	Jul-2024	0.00035	0.00035	0.00035			N/A	
Sep-24	Mercury	(mg/m3)	Every 6 months	1	Jul-2024	0.0002	0.0002	0.0002			N/A	
Sep-24	Solid Particles	(mg/m3)	Quarterly	1	Jul-2024	3.8	3.8	3.8			N/A	
Sep-24	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months	1	Jul-2024	0.00384	0.00384	0.00384			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 DOC2	0/476695-1).					
				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
Sep-24	Cadmium	(mg/m3)	Every 6 months	1	Jul-2024	0.00032	0.00032	0.00032			N/A	
Sep-24	Carbon dioxide	(%)	Every 6 months	1	Jul-2024	11.0	11.0	11.0			N/A	
Sep-24	Chlorine	(mg/m3)	Every 6 months	1	Jul-2024	<0.0357	<0.0357	<0.0357			N/A	
Sep-24	Fluorine	(mg/m3)	Every 6 months	1	Jul-2024 Jul-2024	12.248 <0.031	12.248 <0.031	12.248			N/A N/A	
Sep-24 Sep-24	Hydrogen chloride Mercury	(mg/m3) (mg/m3)	Every 6 months Every 6 months	1	Jul-2024 Jul-2024	0.002	0.002	0.002			N/A N/A	
Sep-24	Solid Particles	(mg/m3)	Quarterly	1	Jul-2024 Jul-2024	1.3	1.3	1.3			N/A	
Sep-24	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months	1	Jul-2024	5.45	5.45	5.45			N/A	
Sep-24	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months	1	Jul-2024 Jul-2024	0.0065	0.0065	0.0065			N/A	
Sep-24	VOC's as n-propane equivalent	(mg/m3)	Every 6 months	1	Jul-2024	<0.4691	<0.4691	<0.4691			N/A	
3ep-24	voc s as ii-proparie equivalent	(IIIg/III3)	Every o months	-	Jul-2024	10.4031	10.4031	10.4031			N/A	
POINT 7	Boiler number 5 exhaust - duct D marked and sho	own as FDA ID 7 on The Pla	ne ("VY837351-1 AND "VY837351-2"	03/06/2020 EDV BEE	ERENCE DOC20/	176695 AND DOC2	0/476695-1)					
FOINT 7	Boiler Humber 3 exhaust - duct D marked and sho	WII as EFA ID 7 OII THE FIA	115 (VA63/331-1 AND VA63/331-2	03/00/2020 EFA KER	EKENCE DOCZU/	70093 AND DOC2	0/4/0055-1/.					
				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		(yes/no)	Comments
MOULT	Foliutalit											
Con 24	Cadmium	(ma/m2)							Concentration Limit	Concentration Limit		comments
_	Cadmium	(mg/m3)	Every 6 months	1	Jul-2024	0.00030	0.00030	0.00030	Concentration Limit	Concentration Limit	N/A	comments
Sep-24	Mercury	(mg/m3)	Every 6 months Every 6 months	1 1	Jul-2024 Jul-2024	0.00030 0.00028	0.00030 0.00028	0.00030 0.00028	Concentration Limit	Concentration Limit	N/A N/A	Comments
Sep-24 Sep-24	Mercury Solid Particles	(mg/m3) (mg/m3)	Every 6 months Every 6 months Quarterly	1 1 1	Jul-2024 Jul-2024 Jul-2024	0.00030 0.00028 1.6	0.00030 0.00028 1.6	0.00030 0.00028 1.6	Concentration Limit	Concentration Limit	N/A N/A N/A	Commens
Sep-24 Sep-24 Sep-24	Mercury	(mg/m3)	Every 6 months Every 6 months	1 1	Jul-2024 Jul-2024	0.00030 0.00028	0.00030 0.00028	0.00030 0.00028	Concentration Limit	Concentration Limit	N/A N/A	Comments
Sep-24 Sep-24 Sep-24	Mercury Solid Particles Type 1 and Type 2 substances in aggregate	(mg/m3) (mg/m3) (mg/m3)	Every 6 months Every 6 months Quarterly Every 6 months	1 1 1 1	Jul-2024 Jul-2024 Jul-2024 Jul-2024	0.00030 0.00028 1.6 0.02977	0.00030 0.00028 1.6 0.02977	0.00030 0.00028 1.6	Concentration Limit	Concentration Limit	N/A N/A N/A	Commens
Sep-24 Sep-24 Sep-24	Mercury Solid Particles	(mg/m3) (mg/m3) (mg/m3)	Every 6 months Every 6 months Quarterly Every 6 months	1 1 1 1	Jul-2024 Jul-2024 Jul-2024 Jul-2024	0.00030 0.00028 1.6 0.02977	0.00030 0.00028 1.6 0.02977	0.00030 0.00028 1.6	Concentration Limit	Concentration Limit	N/A N/A N/A	Comments
Sep-24 Sep-24 Sep-24	Mercury Solid Particles Type 1 and Type 2 substances in aggregate	(mg/m3) (mg/m3) (mg/m3)	Every 6 months Every 6 months Quarterly Every 6 months	1 1 1 1 1 03/06/2020 EPA REF	Jul-2024 Jul-2024 Jul-2024 Jul-2024	0.00030 0.00028 1.6 0.02977	0.00030 0.00028 1.6 0.02977	0.00030 0.00028 1.6 0.02977			N/A N/A N/A N/A	Commend
Sep-24 Sep-24 Sep-24 POINT 8	Mercury Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 6 exhaust - duct A marked and sho	(mg/m3) (mg/m3) (mg/m3) (mg/m3)	Every 6 months Every 6 months Quarterly Every 6 months ons ("VX837351-1 AND "VX837351-2"	1 1 1 1 1 1 1 1 1 1 1 1 Samples Collected	Jul-2024 Jul-2024 Jul-2024 Jul-2024 Jul-2024	0.00030 0.00028 1.6 0.02977	0.00030 0.00028 1.6 0.02977 0/476695-1).	0.00030 0.00028 1.6 0.02977	99 Percentile	100 Percentile	N/A N/A N/A N/A N/A Exceedance	
Sep-24 Sep-24 Sep-24 POINT 8	Mercury Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 6 exhaust - duct A marked and sho Pollutant	(mg/m3) (mg/m3) (mg/m3) (mg/m3) wwn as EPA ID 8 on The Pla Unit of Measure	Every 6 months Every 6 months Quarterly Every 6 months "VX837351-1 AND "VX837351-2" Sample/Measurement Frequency	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Jul-2024 Jul-2024 Jul-2024 Jul-2024 Jul-2024 ERENCE DOC20/4	0.00030 0.00028 1.6 0.02977 176695 AND DOC2 Lowest Sample Value	0.00030 0.00028 1.6 0.02977 0/476695-1). Mean of Samples	0.00030 0.00028 1.6 0.02977 Highest Sample Value			N/A N/A N/A N/A N/A Exceedance (yes/no)	Comments
Sep-24 Sep-24 Sep-24 POINT 8 Month Sep-24	Mercury Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 6 exhaust - duct A marked and sho Pollutant Cadmium	(mg/m3) (mg/m3) (mg/m3) (mg/m3) wn as EPA ID 8 on The Pla Unit of Measure (mg/m3)	Every 6 months Every 6 months Quarterly Every 6 months striction of the strict of the	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Jul-2024 Jul-2024 Jul-2024 Jul-2024 Jul-2024 ERENCE DOC20/4 Date Sampled Jul-2024	0.00030 0.00028 1.6 0.02977 176695 AND DOC2 Lowest Sample Value 0.00034	0.00030 0.00028 1.6 0.02977 0/476695-1). Mean of Samples 0.00034	0.00030 0.00028 1.6 0.02977 Highest Sample Value 0.00034	99 Percentile	100 Percentile	N/A N/A N/A N/A N/A N/A N/A N/A	
Sep-24 Sep-24 Sep-24 POINT 8 Month Sep-24 Sep-24 Sep-24	Mercury Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 6 exhaust - duct A marked and sho Pollutant Cadmium Carbon dioxide	(mg/m3) (mg/m3) (mg/m3) (mg/m3) wwn as EPA ID 8 on The Pla Unit of Measure (mg/m3) (%)	Every 6 months Every 6 months Quarterly Every 6 months or ("VX837351-1 AND "VX837351-2" Sample/Measurement Frequency Every 6 months Every 6 months	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Jul-2024 Jul-2024 Jul-2024 Jul-2024 ERENCE DOC20/4 Date Sampled Jul-2024 Jul-2024	0.00030 0.00028 1.6 0.02977 176695 AND DOC2 Lowest Sample Value 0.00034 11.6	0.00030 0.00028 1.6 0.02977 0/476695-1). Mean of Samples 0.00034 11.6	0.00030 0.00028 1.6 0.02977 Highest Sample Value 0.00034 11.6	99 Percentile	100 Percentile	N/A N/A N/A N/A N/A N/A N/A N/A	
Sep-24 Sep-24 Sep-24 POINT 8 Month Sep-24 Sep-24 Sep-24	Mercury Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 6 exhaust - duct A marked and sho Pollutant Cadmium Carbon dioxide Chlorine	(mg/m3) (mg/m3) (mg/m3) (mg/m3) wwn as EPA ID 8 on The Pla Unit of Measure (mg/m3) (%)	Every 6 months Every 6 months Quarterly Every 6 months "VX837351-1 AND "VX837351-2" Sample/Measurement Frequency Every 6 months Every 6 months Every 6 months	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Jul-2024 Jul-2024 Jul-2024 Jul-2024 Jul-2024 ERENCE DOC20/A Date Sampled Jul-2024 Jul-2024 Jul-2024 Jul-2024	0.00030 0.00028 1.6 0.02977 776695 AND DOC2 Lowest Sample Value 0.00034 11.6 <0.0473	0.00030 0.00028 1.6 0.02977 0/476695-1). Mean of Samples 0.00034 11.6 <0.0473	0.00030 0.00028 1.6 0.02977 Highest Sample Value 0.00034 11.6 <0.0473	99 Percentile	100 Percentile	N/A	
Sep-24 Sep-24 Sep-24 POINT 8 Month Sep-24 Sep-24 Sep-24 Sep-24	Mercury Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 6 exhaust - duct A marked and sho Pollutant Cadmium Carbon dioxide Chlorine Fluorine	(mg/m3) (mg/m3) (mg/m3) (mg/m3) wwn as EPA ID 8 on The Pla Unit of Measure (mg/m3) (%) (mg/m3) (mg/m3)	Every 6 months Every 6 months Quarterly Every 6 months start 6 months Every 6 months	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Jul-2024 Jul-2024 Jul-2024 Jul-2024 Jul-2024 ERENCE DOC20/A Date Sampled Jul-2024 Jul-2024 Jul-2024 Jul-2024 Jul-2024	0.00030 0.00028 1.6 0.02977 776695 AND DOC2 Lowest Sample Value 0.00034 11.6 <0.0473 5.913	0.00030 0.00028 1.6 0.02977 0/476695-1). Mean of Samples 0.00034 11.6 <0.0473 5.913	0.00030 0.00028 1.6 0.02977 Highest Sample Value 0.00034 11.6 <0.0473 5.913	99 Percentile	100 Percentile	N/A	
Sep-24 Sep-24 Sep-24 POINT 8 Month Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24	Mercury Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 6 exhaust - duct A marked and sho Pollutant Cadmium Carbon dioxide Chlorine Fluorine Hydrogen chloride	(mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) wun as EPA ID 8 on The Pla Unit of Measure (mg/m3) (%) (mg/m3) (mg/m3) (mg/m3)	Every 6 months Every 6 months Quarterly Every 6 months "VX837351-1 AND "VX837351-2" Sample/Measurement Frequency Every 6 months	1 1 1 1 1 03/06/2020 EPA REF Samples Collected & Analysed 1 1 1 1 1 1	Jul-2024 Jul-2024 Jul-2024 Jul-2024 Jul-2024 Date Sampled Jul-2024 Jul-2024 Jul-2024 Jul-2024 Jul-2024 Jul-2024	0.00030 0.00028 1.6 0.02977 176695 AND DOC2 Lowest Sample Value 0.00034 11.6 <0.0473 5.913 <0.0386	0.00030 0.00028 1.6 0.02977 0/476695-1). Mean of Samples 0.00034 11.6 <0.0473 5.913 <0.0386	0.00030 0.00028 1.6 0.02977 Highest Sample Value 0.00034 11.6 <0.0473 5.913 <0.0386	99 Percentile	100 Percentile	N/A	
Sep-24 Sep-24 Sep-24 POINT 8 Month Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24	Mercury Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 6 exhaust - duct A marked and sho Pollutant Cadmium Carbon dioxide Chlorine Fluorine Hydrogen chloride Mercury Mercury	(mg/m3) (mg/m3) (mg/m3) (mg/m3) wn as EPA ID 8 on The Pla Unit of Measure (mg/m3) (%) (mg/m3) (mg/m3) (mg/m3) (mg/m3)	Every 6 months Every 6 months Quarterly Every 6 months ("VX837351-1 AND "VX837351-2" Sample/Measurement Frequency Every 6 months	1 1 1 1 1 03/06/2020 EPA REF Samples Collected & Analysed 1 1 1 1 1	Jul-2024 Jul-2024 Jul-2024 Jul-2024 Jul-2024 Date Sampled Jul-2024 Jul-2024 Jul-2024 Jul-2024 Jul-2024 Jul-2024 Jul-2024	0.00030 0.00028 1.6 0.02977 76695 AND DOC2 Lowest Sample Value 0.00034 1.0473 5.913 <0.0386	0.00030 0.00028 1.6 0.02977 D/476695-1). Mean of Samples 0.00034 11.6 <0.0473 5.913 <0.0386	0.00030 0.00028 1.6 0.02977 Highest Sample Value 0.00034 1.1.6 <0.0473 5.913 <0.0386 0.000013	99 Percentile	100 Percentile	Exceedance (yes/no) N/A N/A N/A N/A N/A N/A N/A	
Sep-24 Sep-24 Sep-24 POINT 8 Month Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24	Mercury Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 6 exhaust - duct A marked and sho Pollutant Cadmium Carbon dioxide Chlorine Hydrogen chloride Mercury Solid Particles	(mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) vwn as EPA ID 8 on The Pla Unit of Measure (mg/m3) (%) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3)	Every 6 months Every 6 months Quarterly Every 6 months Simple/Measurement Frequency Every 6 months	1 1 1 1 1 03/06/2020 EPA REF Samples Collected & Analysed 1 1 1 1 1 1 1 1 1 1 1	Jul-2024 Jul-2024 Jul-2024 Jul-2024 ERENCE DOC20/- Date Sampled Jul-2024 Jul-2024 Jul-2024 Jul-2024 Jul-2024 Jul-2024 Jul-2024 Jul-2024 Jul-2024	0.00030 0.00028 1.6 0.02977 0.02977 0.02977 0.02977 0.00034 11.6 0.00034 11.6 0.00473 5.913 <0.0386 0.00013 1.6	0.00030 0.00028 1.6 0.02977 D/476695-1). Mean of Samples 0.00034 11.6 <0.0473 5.913 <0.0386 0.00013 1.6	0.00030 0.00028 1.6 0.02977 Highest Sample Value 0.00034 11.6 0.0386 <0.0386 0.00013 1.6	99 Percentile	100 Percentile	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	
Sep-24 Sep-24 Sep-24 POINT 8 Month Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24	Mercury Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 6 exhaust - duct A marked and sho Pollutant Cadmium Carbon dioxide Chlorine Fluorine Hydrogen chloride Mercury Solf Particles Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) wwn as EPA ID 8 on The Pla Unit of Measure (mg/m3) (%) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3)	Every 6 months Every 6 months Quarterly Every 6 months Sample/Measurement Frequency Every 6 months	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Jul-2024 Jul-2024 Jul-2024 Jul-2024 Jul-2024 ERENCE DOC20/d Date Sampled Jul-2024	0.00030 0.00028 1.6 0.02977 176695 AND DOC2 Lowest Sample Value 0.00034 11.6 <0.0473 5.913 <0.00036 0.00013	0.00030 0.00028 1.6 0.02977 0/476695-1). Mean of Samples 0.00034 11.6 <0.0473 5.913 <0.0386 0.00013 1.6 6.8	0.00030 0.00028 1.6 0.02977 Highest Sample Value 0.00034 11.6 <0.0473 5.913 <0.0386 0.00013	99 Percentile	100 Percentile	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	
Sep-24 Sep-24 Sep-24 Sep-24 POINT 8 Month Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24	Mercury Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 6 exhaust - duct A marked and sho Pollutant Cadmium 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	(mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) wn as EPA ID 8 on The Pla Unit of Measure (mg/m3) (%) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3)	Every 6 months Every 6 months Quarterly Every 6 months "VX837351-1 AND "VX837351-2" Sample/Measurement Frequency Every 6 months	1 1 1 1 1 03/06/2020 EPA REF Samples Collected & Analysed 1 1 1 1 1 1 1 1 1 1 1	Jul-2024 Jul-2024 Jul-2024 Jul-2024 Jul-2024 Date Sampled Jul-2024	0.00030 0.00028 1.6 0.02977 076695 AND DOC2 Lowest Sample Value 0.00034 11.6 <0.0473 5.913 <0.0386 0.00013 1.6 6.8 0.00372	0.00030 0.00028 1.6 0.02977 0/476695-1). Mean of Samples 0.00034 11.6 <0.0473 5.913 <0.0386 0.00013 1.6 6.8 0.00372	0.00030 0.00028 1.6 0.02977 Highest Sample Value 0.00034 11.6 <0.0473 5.913 <0.0086 0.00013 1.6 6.8 0.00372	99 Percentile	100 Percentile	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	
Sep-24 Sep-24 Sep-24 POINT 8 Month Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24	Mercury Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 6 exhaust - duct A marked and sho Pollutant Cadmium Carbon dioxide Chlorine Fluorine Hydrogen chloride Mercury Solf Particles Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) wwn as EPA ID 8 on The Pla Unit of Measure (mg/m3) (%) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3)	Every 6 months Every 6 months Quarterly Every 6 months Sample/Measurement Frequency Every 6 months	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Jul-2024 Jul-2024 Jul-2024 Jul-2024 Jul-2024 ERENCE DOC20/d Date Sampled Jul-2024	0.00030 0.00028 1.6 0.02977 176695 AND DOC2 Lowest Sample Value 0.00034 11.6 <0.0473 5.913 <0.00036 0.00013	0.00030 0.00028 1.6 0.02977 0/476695-1). Mean of Samples 0.00034 11.6 <0.0473 5.913 <0.0386 0.00013 1.6 6.8	0.00030 0.00028 1.6 0.02977 Highest Sample Value 0.00034 11.6 <0.0473 5.913 <0.0386 0.00013	99 Percentile	100 Percentile	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	
Sep-24 Sep-24 Sep-24 Sep-24 Month Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24	Mercury Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 6 exhaust - duct A marked and sho Pollutant Cadmium 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) wn as EPA ID 8 on The Pla Unit of Measure (mg/m3) (%) (mg/m3)	Every 6 months Every 6 months Quarterly Every 6 months ("VX837351-1 AND "VX837351-2" Sample/Measurement Frequency Every 6 months	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Jul-2024 Jul-2024 Jul-2024 Jul-2024 ERENCE DOC20/s Date Sampled Jul-2024	0.00030 0.00028 1.6 0.02977 076695 AND DOC2 Lowest Sample Value 0.00034 11.6 <0.0473 5.913 <0.0036 0.00013 1.6 6.8 0.000372 <0.4659	0.00030 0.00028 1.6 0.02977 Mean of Samples 0.00034 11.6 <0.0473 5.913 <0.0034 1.6 6.8 0.00372 <0.4659	0.00030 0.00028 1.6 0.02977 Highest Sample Value 0.00034 11.6 <0.0473 5.913 <0.0086 0.00013 1.6 6.8 0.00372	99 Percentile	100 Percentile	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	
Sep-24 Sep-24 Sep-24 Sep-24 POINT 8 Month Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24	Mercury Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 6 exhaust - duct A marked and sho Pollutant Cadmium 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	(mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) wn as EPA ID 8 on The Pla Unit of Measure (mg/m3) (%) (mg/m3)	Every 6 months Every 6 months Quarterly Every 6 months ("VX837351-1 AND "VX837351-2" Sample/Measurement Frequency Every 6 months	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Jul-2024 Jul-2024 Jul-2024 Jul-2024 ERENCE DOC20/s Date Sampled Jul-2024	0.00030 0.00028 1.6 0.02977 076695 AND DOC2 Lowest Sample Value 0.00034 11.6 <0.0473 5.913 <0.0036 0.00013 1.6 6.8 0.000372 <0.4659	0.00030 0.00028 1.6 0.02977 Mean of Samples 0.00034 11.6 <0.0473 5.913 <0.0034 1.6 6.8 0.00372 <0.4659	0.00030 0.00028 1.6 0.02977 Highest Sample Value 0.00034 11.6 <0.0473 5.913 <0.0086 0.00013 1.6 6.8 0.00372	99 Percentile	100 Percentile	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	
Sep-24 Sep-24 Sep-24 Sep-24 POINT 8 Month Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24	Mercury Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 6 exhaust - duct A marked and sho Pollutant Cadmium 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) wn as EPA ID 8 on The Pla Unit of Measure (mg/m3) (%) (mg/m3)	Every 6 months Every 6 months Quarterly Every 6 months ("VX837351-1 AND "VX837351-2" Sample/Measurement Frequency Every 6 months	1 1 1 1 1 03/06/2020 EPA REF	Jul-2024 Jul-2024 Jul-2024 Jul-2024 ERENCE DOC20/s Date Sampled Jul-2024	0.00030 0.00028 1.6 0.02977 176695 AND DOC2 Lowest Sample Value 0.00034 11.6 <0.0473 5.913 <0.0031 1.6 6.8 0.00372 <0.4659	0.00030 0.00028 1.6 0.02977 0/476695-1). Mean of Samples 0.00034 11.6 <0.0473 5.913 <0.0386 0.00013 1.6 6.8 0.00372 <0.4659	0.00030 0.00028 1.6 0.02977 Highest Sample Value 0.00034 11.6 <0.0473 <0.00473 <0.00372 1.6 6.8 0.00372 <0.04659	99 Percentile Concentration Limit	100 Percentile Concentration Limit	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	
Sep-24	Mercury Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 6 exhaust - duct A marked and sho Pollutant Cadmium Carbon dioxide 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) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (%) (mg/m3)	Every 6 months Every 6 months Quarterly Every 6 months ("VX837351-1 AND "VX837351-2" Sample/Measurement Frequency Every 6 months	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Jul-2024 Jul-2024 Jul-2024 Jul-2024 ERENCE DOC20/s Date Sampled Jul-2024	0.00030 0.00028 1.6 0.02977 076695 AND DOC2 Lowest Sample Value 0.00034 11.6 <0.0473 5.913 <0.00386 0.00013 1.6 6.8 0.00372 <0.4659 0.4659 Lowest Sample	0.00030 0.00028 1.6 0.02977 0/476695-1). Mean of Samples 0.00034 11.6 <0.0473 5.913 <0.0031 1.6 6.8 0.00372 <0.4659 0/476695-1). Mean of	0.00030 0.00028 1.6 0.02977 Highest Sample Value 0.00034 1.1.6 <0.0473 5.913 <0.00372 <0.4659 Highest Sample	99 Percentile Concentration Limit	100 Percentile Concentration Limit	N/A	Comments
Sep-24	Mercury Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 6 exhaust - duct A marked and sho Pollutant Cadmium 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) (mg/m3) (mg/m3) (mg/m3) unit of Measure (mg/m3) (%) (mg/m3)	Every 6 months Every 6 months Quarterly Every 6 months Simple/Measurement Frequency Every 6 months	1 1 1 1 1 1 1 1 1 1 03/06/2020 EPA REF Samples Collected & Analysed 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 3/06/2020 EPA REF Samples Collected & Analysed	Jul-2024 Jul-2024 Jul-2024 Jul-2024 ERENCE DOC20/A Date Sampled Jul-2024	0.00030 0.00028 1.6 0.02977 076695 AND DOC2 Lowest Sample Value 0.00034 11.6 <0.0473 5.913 <0.0386 0.00013 1.6 6.8 0.00372 <0.4659 076695 AND DOC2 Lowest Sample Value	0.00030 0.00028 1.6 0.02977 0/476695-1). Mean of Samples 0.00034 11.6 <0.0473 5.913 <0.0386 0.00013 1.6 6.8 0.00372 <0.4659 0/476695-1). Mean of Samples	0.00030 0.00028 1.6 0.02977 Highest Sample Value 0.00034 11.6 <0.0473 5.913 <0.0386 0.00013 1.6 6.8 0.00372 <0.4659	99 Percentile Concentration Limit	100 Percentile Concentration Limit	N/A	
Sep-24	Mercury Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 6 exhaust - duct A marked and sho Pollutant Cadmium 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 Pollutant Cadmium	(mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (%) (mg/m3)	Every 6 months Every 6 months Quarterly Every 6 months Sample/Measurement Frequency Every 6 months	1 1 1 1 1 1 1 1 03/06/2020 EPA REF Samples Collected & Analysed 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Jul-2024 Jul-2024 Jul-2024 Jul-2024 Jul-2024 Date Sampled Jul-2024	0.00030 0.00028 1.6 0.02977 076695 AND DOC2 Lowest Sample Value 0.00034 11.6 <0.0473 5.913 <0.00372 1.6 6.8 0.000372 <0.04659 0.000372 Lowest Sample Value 0.00031	0.00030 0.00028 1.6 0.02977 0/476695-1). Mean of Samples 0.00034 11.6 <0.0473 5.913 <0.00372 -0.00031 1.6 6.8 0.00072 -0.4659 0/476695-1). Mean of Samples 0.00031	0.00030 0.00028 1.6 0.02977 Highest Sample Value 0.00034 11.6 <0.0473 5.913 <0.0372 <0.04659 Highest Sample Value 0.00372 <0.04659	99 Percentile Concentration Limit	100 Percentile Concentration Limit	N/A	Comments
Sep-24 Sep-24 Sep-24 Sep-24 POINT 8 Month Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24 Sep-24	Mercury Solid Particles Type 1 and Type 2 substances in aggregate Boiler number 6 exhaust - duct A marked and sho Pollutant Cadmium 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)	Every 6 months Every 6 months Quarterly Every 6 months Simple/Measurement Frequency Every 6 months	1 1 1 1 1 1 1 1 1 1 03/06/2020 EPA REF Samples Collected & Analysed 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 3/06/2020 EPA REF Samples Collected & Analysed	Jul-2024 Jul-2024 Jul-2024 Jul-2024 ERENCE DOC20/A Date Sampled Jul-2024	0.00030 0.00028 1.6 0.02977 076695 AND DOC2 Lowest Sample Value 0.00034 11.6 <0.0473 5.913 <0.0386 0.00013 1.6 6.8 0.00372 <0.4659 076695 AND DOC2 Lowest Sample Value	0.00030 0.00028 1.6 0.02977 0/476695-1). Mean of Samples 0.00034 11.6 <0.0473 5.913 <0.0386 0.00013 1.6 6.8 0.00372 <0.4659 0/476695-1). Mean of Samples	0.00030 0.00028 1.6 0.02977 Highest Sample Value 0.00034 11.6 <0.0473 5.913 <0.0386 0.00013 1.6 6.8 0.00372 <0.4659	99 Percentile Concentration Limit	100 Percentile Concentration Limit	N/A	Comments

Type 1 and Type 2 substances in aggregate

(mg/m3)

Every 6 months

Sep-24

Jul-2024 0.00548 0.00548 0.00548

N/A

POINT 10	Boiler number 6 exhaust - duct C marked and sho	wn as EPA ID 10 on The Pl	ans ("VX837351-1 AND "VX837351-2"	" 03/06/2020 EPA RE	FERENCE DOC20/	470095 AND DUC						
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
Sep-24	Cadmium	(mg/m3)	Every 6 months	1	Jul-2024	0.00041	0.00041	0.00041			N/A	
Sep-24	Carbon dioxide	(%)	Every 6 months	1	Jul-2024	10.6	10.6	10.6			N/A	
Sep-24	Chlorine	(mg/m3)	Every 6 months	1	Jul-2024	< 0.0445	< 0.0445	< 0.0445			N/A	
Sep-24	Fluorine	(mg/m3)	Every 6 months	1	Jul-2024	8.658	8.658	8.658			N/A	
Sep-24	Hydrogen chloride	(mg/m3)	Every 6 months	1	Jul-2024	< 0.0384	< 0.0384	< 0.0384			N/A	
Sep-24	Mercury	(mg/m3)	Every 6 months	1	Jul-2024	0.00014	0.00014	0.00014			N/A	
Sep-24	Solid Particles	(mg/m3)	Quarterly	1	Jul-2024	2.1	2.1	2.1			N/A	
Sep-24	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months	1	Jul-2024	6.8	6.8	6.8			N/A	
Sep-24	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months	1	Jul-2024	0.01143	0.01143	0.01143			N/A	
Sep-24	VOC's as n-propane equivalent	(mg/m3)	Every 6 months	1	Jul-2024	< 0.46089	< 0.46089	< 0.46089			N/A	
		1 0/ -/	, , , , , , , , , , , , , , , , , , , ,	1							•	
POINT 11	Boiler number 6 exhaust - duct D marked and sho	own as EPA ID 11 on The P	lans ("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
Sep-24	Cadmium	(mg/m3)	Every 6 months	1	Jul-2024	0.00039	0.00039	0.00039			N/A	
Sep-24	Mercury	(mg/m3)	Every 6 months	1	Jul-2024	0.00013	0.00013	0.00013			N/A	
Con 24	Solid Particles	(mg/m3)	Quarterly	1	Jul-2024	30.1	30.1	30.1			N/A	
Sep-24												
Sep-24 Sep-24 POINT 12	Type 1 and Type 2 substances in aggregate Boiler number 5 combined exhaust - duct A and E	(mg/m3)	Every 6 months	1 ("VX837351-1 AND "V	Jul-2024 X837351-2" 03/	0.02054 06/2020 EPA REFER	0.02054 RENCE DOC20/47	0.02054 76695 AND DOC20/	476695-1).		N/A	
Sep-24	1	, , ,	,	-					476695-1). 99 Percentile Concentration Limit	100 Percentile Concentration Limit	N/A Exceedance (yes/no)	Comments
Sep-24 POINT 12	Boiler number 5 combined exhaust - duct A and E	(points 4 and 5) marked a	and shown as EPA ID 12 on The Plans (("VX837351-1 AND "V	X837351-2" 03/	06/2020 EPA REFER	Mean of	76695 AND DOC20/ Highest Sample	99 Percentile		Exceedance	Comments
Sep-24 POINT 12 Month	Boiler number 5 combined exhaust - duct A and E	(points 4 and 5) marked a	and shown as EPA ID 12 on The Plans (("VX837351-1 AND "V Samples Collected & Analysed	X837351-2" 03/	D6/2020 EPA REFER Lowest Sample Value	Mean of Samples	76695 AND DOC20/ Highest Sample Value	99 Percentile		Exceedance (yes/no)	Comments
Sep-24 POINT 12 Month Sep-24	Boiler number 5 combined exhaust - duct A and E Pollutant Nitrogen Oxides	Unit of Measure (mg/m3) (mg/m3)	Sample/Measurement Frequency Continuous Continuous	("VX837351-1 AND "V Samples Collected & Analysed 97.6% 100.0%	Nate Sampled Sep-24 Sep-24	Lowest Sample Value 358 543	Mean of Samples 606 790	Highest Sample Value 792 984	99 Percentile Concentration Limit		Exceedance (yes/no) N/A	Comments
Sep-24 POINT 12 Month Sep-24 Sep-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	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 (*)	("VX837351-1 AND "V Samples Collected & Analysed 97.6% 100.0% "VX837351-1 AND "V' Samples Collected	Date Sampled Sep-24 Sep-24 Sep-24 K837351-2" 03/0	Lowest Sample Value 358 543 6/2020 EPA REFER Lowest Sample	Mean of Samples 606 790 ENCE DOC20/47	Highest Sample Value 792 984 6695 AND DOC20/4 Highest Sample	99 Percentile Concentration Limit 476695-1). 99 Percentile	Concentration Limit	Exceedance (yes/no) N/A N/A	
Sep-24 POINT 12 Month Sep-24 Sep-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 E	Unit of Measure (mg/m3) (mg/m3) (points 6 and 7) marked a	sample/Measurement Frequency Continuous Continuous Continuous and shownas EPA ID 13 on The Plans (*) Sample/Measurement Frequency	"VX837351-1 AND "V Samples Collected & Analysed 97.6% 100.0% "VX837351-1 AND "V: Samples Collected & Analysed	X837351-2" 03/0 Date Sampled Sep-24 Sep-24 K837351-2" 03/0 Date Sampled	Lowest Sample Value 358 543 6/2020 EPA REFER Lowest Sample Value	Mean of Samples 606 790 ENCE DOC20/47 Mean of Samples	Highest Sample Value 792 984 6695 AND DOC20/4 Highest Sample Value Value	99 Percentile Concentration Limit 476695-1).	Concentration Limit	Exceedance (yes/no) N/A N/A Exceedance (yes/no)	Comments
Sep-24 POINT 12 Month Sep-24 Sep-24 POINT 13 Month Sep-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	Unit of Measure (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	("VX837351-1 AND "V Samples Collected & Analysed 97.6% 100.0% "VX837351-1 AND "V' Samples Collected	2837351-2" 03/0 Date Sampled Sep-24 Sep-24 8837351-2" 03/0 Date Sampled Sep-24	Lowest Sample Value 358 543 6/2020 EPA REFER Lowest Sample Value 386	Mean of Samples 606 790 ENCE DOC20/47	76695 AND DOC20/ Highest Sample Value 792 984 6695 AND DOC20/ Highest Sample Value 781	99 Percentile Concentration Limit 476695-1). 99 Percentile	Concentration Limit	Exceedance (yes/no) N/A N/A	
Sep-24 POINT 12 Month Sep-24 Sep-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 E	Unit of Measure (mg/m3) (mg/m3) (points 6 and 7) marked a	sample/Measurement Frequency Continuous Continuous Continuous and shownas EPA ID 13 on The Plans (*) Sample/Measurement Frequency	("VX837351-1 AND "V Samples Collected & Analysed 97.6% 100.0% "VX837351-1 AND "V Samples Collected & Analysed 96.3%	X837351-2" 03/0 Date Sampled Sep-24 Sep-24 K837351-2" 03/0 Date Sampled	Lowest Sample Value 358 543 6/2020 EPA REFER Lowest Sample Value	Mean of Samples 606 790 ENCE DOC20/47 Mean of Samples 607	Highest Sample Value 792 984 6695 AND DOC20/4 Highest Sample Value Value	99 Percentile Concentration Limit 476695-1). 99 Percentile	Concentration Limit	Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A	
Sep-24 POINT 12 Month Sep-24 Sep-24 POINT 13 Month Sep-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	Unit of Measure (mg/m3) (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	"VX837351-1 AND "V Samples Collected & Analysed 97.6% 100.0% "VX837351-1 AND "V: Samples Collected & Analysed 96.3% 98.6%	Date Sampled Sep-24 Sep-24 Sep-24 K837351-2" 03/C Date Sampled Sep-24 Sep-24 Sep-24	Lowest Sample Value 358 543 6/2020 EPA REFER Lowest Sample Value 386 663	Mean of Samples 606 790 ENCE DOC20/47 Mean of Samples 607 949	Highest Sample Value 792 984 Highest Sample Value 792 984 Highest Sample Value 781 1244	99 Percentile Concentration Limit 476695-1). 99 Percentile Concentration Limit	Concentration Limit	Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A	
Sep-24 POINT 12 Month Sep-24 Sep-24 POINT 13 Month Sep-24 Sep-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	Unit of Measure (mg/m3) (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	"VX837351-1 AND "V Samples Collected & Analysed 97.6% 100.0% "VX837351-1 AND "V: Samples Collected & Analysed 96.3% 98.6%	Date Sampled Sep-24 Sep-24 Sep-24 K837351-2" 03/C Date Sampled Sep-24 Sep-24 Sep-24	Lowest Sample Value 358 543 6/2020 EPA REFER Lowest Sample Value 386 663	Mean of Samples 606 790 ENCE DOC20/47 Mean of Samples 607 949	Highest Sample Value 792 984 6695 AND DOC20/- Highest Sample Value 781 1244 6695 AND DOC20/-	99 Percentile Concentration Limit 476695-1). 99 Percentile Concentration Limit	Concentration Limit	Exceedance (yes/no) N/A N/A Exceedance (yes/no) N/A	
Sep-24 POINT 12 Month Sep-24 Sep-24 POINT 13 Month Sep-24 Sep-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 Nitrogen Oxides Sulfur dioxide Boiler number 6 combined exhaust - duct A and E	Unit of Measure (mg/m3) (points 6 and 7) marked a Unit of Measure (mg/m3) (points 6 and 7) marked a (mg/m3) (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	"VX837351-1 AND "V Samples Collected & Analysed 97.6% 100.0% "VX837351-1 AND "V: Samples Collected & Analysed 96.3% 98.6% "VX837351-1 AND "V: Samples Collected	Date Sampled Sep-24 Sep-24 X837351-2" 03/0 Date Sampled Sep-24 Sep-24 X837351-2" 03/0 Date Sampled Sep-24 Sep-24 X837351-2" 03/0	Lowest Sample Value 358 543 6/2020 EPA REFER Lowest Sample Value 386 663 663 6/2020 EPA REFER Lowest Sample Lowest Sample	Mean of Samples 606 790 ENCE DOC20/47 Mean of Samples 607 949 ENCE DOC20/47 Mean of	76695 AND DOC20/ Highest Sample Value 792 984 6695 AND DOC20/ Highest Sample Value 781 1244 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 N/A Exceedance (yes/no) N/A N/A	Comments
Sep-24 POINT 12 Month Sep-24 Sep-24 POINT 13 Month Sep-24 Sep-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 E Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 6 combined exhaust - duct A and E Pollutant	Unit of Measure (mg/m3)	Sample/Measurement Frequency Continuous Continuous and shown as EPA ID 13 on The Plans (*) Sample/Measurement Frequency Continuous Continuous Continuous Continuous Continuous	"VX837351-1 AND "V Samples Collected & Analysed 97.6% 100.0% "VX837351-1 AND "V: Samples Collected & Analysed 96.3% 98.6%	Date Sampled Sep-24 Sep-24 (837351-2" 03/0 Date Sampled Sep-24 (837351-2" 03/0 Date Sampled Sep-24 Sep-24 Sep-24 Date Sampled	Lowest Sample Value Jase Joseph Service Serv	Mean of Samples ENCE DOC20/47 Mean of Samples 606 790 ENCE DOC20/47 Mean of Samples 607 949 ENCE DOC20/47 Mean of Samples	Highest Sample Value 792 984 6695 AND DOC20/- Highest Sample Value 781 1244 6695 AND DOC20/-	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 Exceedance (yes/no) N/A N/A	
Sep-24	Boiler number 5 combined exhaust - duct A and E Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 5 combined exhaust - duct C and E Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 6 combined exhaust - duct A and E Pollutant Nitrogen Oxides	Unit of Measure (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3) (mg/m3)	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	"VX837351-1 AND "V Samples Collected & Analysed 97.6% 100.0% "VX837351-1 AND "V Samples Collected & Analysed 96.3% 98.6% "VX837351-1 AND "V Samples Collected & Analysed	Date Sampled Sep-24 Sep-24 X837351-2" 03/0 Date Sampled Sep-24 Sep-24 X837351-2" 03/0 Date Sampled Sep-24 Sep-24 X837351-2" 03/0	Lowest Sample Value 358 543 6/2020 EPA REFER Lowest Sample Value 386 663 663 6/2020 EPA REFER Lowest Sample Lowest Sample	Mean of Samples 606 790 ENCE DOC20/47 Mean of Samples 607 949 ENCE DOC20/47 Mean of	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
Sep-24	Boiler number 5 combined exhaust - duct A and E Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 5 combined exhaust - duct C and E Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 6 combined exhaust - duct A and E Pollutant Nitrogen Oxides Sulfur dioxide Sulfur dioxide Sulfur dioxide	Unit of Measure (mg/m3)	Sample/Measurement Frequency Continuous	"VX837351-1 AND "V Samples Collected & Analysed 97.6% 100.0% "VX837351-1 AND "V: Samples Collected & Analysed 96.3% "VX837351-1 AND "V: Samples Collected & Analysed 98.8% 98.8% 99.8%	X837351-2" 03/0 Date Sampled Sep-24 Sep-24 (837351-2" 03/0 Date Sampled Sep-24 Sep-24 (837351-2" 03/0 Date Sampled Sep-24 Sep-24 Sep-24	Lowest Sample Value 358 543 6/2020 EPA REFER Lowest Sample Value 386 663 66/2020 EPA REFER Lowest Sample Value 387 501	Mean of Samples ENCE DOC20/47 Mean of Samples 607 949 ENCE DOC20/47 Mean of Samples 511 912	Highest Sample Value 799 984 6695 AND DOC20/4 Highest Sample Value 781 1244 6695 AND DOC20/4 Highest Sample Value 781 1274 135	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 N/A Exceedance (yes/no) N/A N/A	Comments
Sep-24	Boiler number 5 combined exhaust - duct A and E Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 5 combined exhaust - duct C and E Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 6 combined exhaust - duct A and E Pollutant Nitrogen Oxides	Unit of Measure (mg/m3)	Sample/Measurement Frequency Continuous	"VX837351-1 AND "V Samples Collected & Analysed 97.6% 100.0% "VX837351-1 AND "V: Samples Collected & Analysed 96.3% "VX837351-1 AND "V: Samples Collected & Analysed 98.8% 98.8% 99.8%	X837351-2" 03/0 Date Sampled Sep-24 Sep-24 (837351-2" 03/0 Date Sampled Sep-24 Sep-24 (837351-2" 03/0 Date Sampled Sep-24 Sep-24 Sep-24	Lowest Sample Value 358 543 6/2020 EPA REFER Lowest Sample Value 386 663 66/2020 EPA REFER Lowest Sample Value 387 501	Mean of Samples ENCE DOC20/47 Mean of Samples 607 949 ENCE DOC20/47 Mean of Samples 511 912	Highest Sample Value 799 984 6695 AND DOC20/4 Highest Sample Value 781 1244 6695 AND DOC20/4 Highest Sample Value 781 1274 135	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 N/A Exceedance (yes/no) N/A N/A	Comments
Sep-24	Boiler number 5 combined exhaust - duct A and E Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 5 combined exhaust - duct C and E Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 6 combined exhaust - duct A and E Pollutant Nitrogen Oxides Sulfur dioxide Sulfur dioxide Sulfur dioxide	Unit of Measure (mg/m3)	Sample/Measurement Frequency Continuous	"VX837351-1 AND "V Samples Collected & Analysed 97.6% 100.0% "VX837351-1 AND "V: Samples Collected & Analysed 96.3% "VX837351-1 AND "V: Samples Collected & Analysed 98.8% 98.8% 99.8%	X837351-2" 03/0 Date Sampled Sep-24 Sep-24 (837351-2" 03/0 Date Sampled Sep-24 Sep-24 (837351-2" 03/0 Date Sampled Sep-24 Sep-24 Sep-24	Lowest Sample Value 358 543 6/2020 EPA REFER Lowest Sample Value 386 663 66/2020 EPA REFER Lowest Sample Value 387 501	Mean of Samples ENCE DOC20/47 Mean of Samples 607 949 ENCE DOC20/47 Mean of Samples 511 912	Highest Sample Value 799 984 6695 AND DOC20/4 Highest Sample Value 781 1244 6695 AND DOC20/4 Highest Sample Value 781 1274 135	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 N/A Exceedance (yes/no) N/A N/A	Comments
Sep-24 POINT 12 Month Sep-24 Sep-24 POINT 13 Month Sep-24 Sep-24 POINT 14 Month Sep-24 Sep-24 Sep-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 E Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 6 combined exhaust - duct A and E Pollutant Nitrogen Oxides Sulfur dioxide Sulfur dioxide Sulfur dioxide	Unit of Measure (mg/m3)	Sample/Measurement Frequency Continuous	"VX837351-1 AND "V Samples Collected & Analysed 100.0% "VX837351-1 AND "V: Samples Collected & Analysed 96.3% 98.6% "VX837351-1 AND "V: Samples Collected & Analysed 99.8% 98.8%	X837351-2" 03/0 Date Sampled Sep-24 Sep-24 (837351-2" 03/0 Date Sampled Sep-24 Sep-24 (837351-2" 03/0 Date Sampled Sep-24 Sep-24 Sep-24	D6/2020 EPA REFER Lowest Sample Value 358 543 66/2020 EPA REFER Lowest Sample Value 386 663 66/2020 EPA REFER Lowest Sample Value 357 501	Mean of Samples 606 790 ENCE DOC20/47 Mean of Samples 607 949 ENCE DOC20/47 Mean of Samples 511 912 ERENCE DOC20/	76695 AND DOC20/ Highest Sample Value 792 984 6695 AND DOC20/4 Highest Sample Value 781 1244 6695 AND DOC20/4 Highest Sample Value 727 1135	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 N/A N/A	Comments
Sep-24	Boiler number 5 combined exhaust - duct A and E Pollutant Nitrogen Oxides Sulfur dioxide Boiler number 5 combined exhaust - duct C 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 E Boiler number 6 combined exhaust - duct C and E	Unit of Measure (mg/m3)	Sample/Measurement Frequency Continuous	"VX837351-1 AND "V Samples Collected & Analysed 97.6% 100.0% "VX837351-1 AND "V: Samples Collected & Analysed 96.3% 98.6% "VX837351-1 AND "V: Samples Collected & Analysed 99.8% 99.8% 5 ("VX837351-1 AND "Samples Collected Samples Collected	Date Sampled Sep-24 (837351-2" 03/0 VX837351-2" 03/0	Lowest Sample Value 386 543 6/2020 EPA REFER Lowest Sample Value 386 663 6/2020 EPA REFER Lowest Sample Value 387 501 367 501	Mean of Samples 607 949 ENCE DOC20/47 Mean of Samples 607 949 ENCE DOC20/47 Mean of Samples 507 Samples 11 912 ERENCE DOC20/ Mean of	Highest Sample Value 781 Highest Sample Value 984 Highest Sample Value 781 1244 6695 AND DOC20/4 Highest Sample Value 727 1135 476695 AND DOC22 Highest Sample	99 Percentile Concentration Limit 476695-1). 99 Percentile Concentration Limit 476695-1). 99 Percentile Concentration Limit 0/476695-1). 99 Percentile	100 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	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	98.5 Percentile	100 Percentile	Exceed 100%		
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	& Analysed	Date Sampled	Value	Samples	Value	Concentration Limit	Concentration Limit	Limit (yes/no)	Comments	
Sep-24	Chlorine (free residual)	(mg/L)	Monthly during discharge	1	3/09/2024	0	0	0		0.2	No		
Sep-24	Copper	(mg/L)	Monthly during discharge	1	3/09/2024	0.002	0.002	0.002		0.005	No		
Sep-24	Iron	(mg/L)	Monthly during discharge	1	3/09/2024	0.11	0.11	0.11		0.3	No		
Sep-24	Oil and Grease	Visible	Continuous during discharge	100%	Sep-24	NIL	NIL	NIL					
Sep-24	Selenium	(mg/L)	Monthly during discharge	1	3/09/2024	0.002	0.002	0.002		0.005	No		
Sep-24	Temperature	(°C)	Continuous during discharge	100%	Sep-24	13.4	25.2	30.5	35	37.5	No		

POINT 23	Discharge of supernatant water from the ash dam	to the cooling water outl	et canal to Wyee Bay marked and sho	wn as EPA ID 23 on T	he Plans ("VX837	351-1 AND "VX837	351-2" 03/06/2	020 EPA REFEREN	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
Sep-24	Aluminium	(mg/L)	Monthly during discharge	1	17/09/2024	0.07	0.07	0.07			()//	
Sep-24	Ammonia	(mg/L)	Monthly during discharge	1	17/09/2024	0.022	0.022	0.022				
Sep-24	Arsenic (III)	(mg/L)	Monthly during discharge	1	17/09/2024	< 0.005	< 0.005	< 0.005				
Sep-24	Arsenic (V)	(mg/L)	Monthly during discharge	1	17/09/2024	0.019	0.019	0.019				
Sep-24	Cadmium	(mg/L)	Monthly during discharge	1	17/09/2024	< 0.0001	< 0.0001	< 0.0001				
Sep-24	Chromium (trivalent)	(mg/L)	Monthly during discharge	1	17/09/2024	0.010	0.010	0.010				
Sep-24	Chromium (VI) Compounds	(mg/L)	Monthly during discharge	1	17/09/2024	0.030	0.030	0.030				
Sep-24	Copper	(mg/L)	Monthly during discharge	1	17/09/2024	0.002	0.002	0.002				
Sep-24	Iron	(mg/L)	Monthly during discharge	1	17/09/2024	0.030	0.030	0.030				
Sep-24	Lead	(mg/L)	Monthly during discharge	1	17/09/2024	< 0.001	< 0.001	< 0.001				
Sep-24	Manganese	(mg/L)	Monthly during discharge	1	17/09/2024	< 0.005	<0.005	<0.005				
Sep-24	Nickel	(mg/L)	Monthly during discharge	1	17/09/2024	0.010	0.010	0.010				
Sep-24	Nitrate + nitrite (oxidised nitrogen)	(mg/L)	Monthly during discharge	1	17/09/2024	0.210	0.210	0.210				
Sep-24	Nitrogen	(mg/L)	Monthly during discharge	1	17/09/2024	0.40	0.40	0.40				
Sep-24	pH	pH	Monthly during discharge	1	17/09/2024	8.88	8.88	8.88		6.5 - 9.5	No	
Sep-24	Phosphorus	(mg/L)	Monthly during discharge	1	17/09/2024	0.10	0.10	0.10				
Sep-24	Reactive Phosphorus	(mg/L)	Monthly during discharge	1	17/09/2024	0.08	0.08	0.08				
Sep-24	Selenium	(mg/L)	Monthly during discharge	1	17/09/2024	0.065	0.065	0.065				
Sep-24	Total Kjeldahl Nitrogen	(mg/L)	Monthly during discharge	1	17/09/2024	0.2	0.2	0.2				
Sep-24	Total Suspended Solids	(mg/L)	Monthly during discharge	1	17/09/2024	14	14	14		50	No	
Sep-24	Vanadium	(mg/L)	Monthly during discharge	1	17/09/2024	0.13	0.13	0.13				
Sep-24	Zinc	(mg/L)	Monthly during discharge	1	17/09/2024	0.045	0.045	0.045				

POINT 24	Discharge of seepage water from the ash dam rel	habilitation 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
Sep-24	Aluminium	(mg/L)	Monthly during discharge	1	3/09/2024				No			
Sep-24	Ammonia	(mg/L)	Monthly during discharge	1	3/09/2024				No			
Sep-24	Arsenic (III)	(mg/L)	Monthly during discharge	1	3/09/2024				No			
Sep-24	Arsenic (V)	(mg/L)	Monthly during discharge	1	3/09/2024				No			
Sep-24	Cadmium	(mg/L)	Monthly during discharge	1	3/09/2024				No			
Sep-24	Chromium (trivalent)	(mg/L)	Monthly during discharge	1	3/09/2024				No			
Sep-24	Chromium (VI) Compounds	(mg/L)	Monthly during discharge	1	3/09/2024				No			
Sep-24	Copper	(mg/L)	Monthly during discharge	1	3/09/2024				No			
Sep-24	Iron	(mg/L)	Monthly during discharge	1	3/09/2024				No			
Sep-24	Lead	(mg/L)	Monthly during discharge	1	3/09/2024				No			
Sep-24	Manganese	(mg/L)	Monthly during discharge	1	3/09/2024				No			No discharge from EPA Point 24 during September 2024
Sep-24	Nickel	(mg/L)	Monthly during discharge	1	3/09/2024				No			
Sep-24	Nitrate + nitrite (oxidised nitrogen)	(mg/L)	Monthly during discharge	1	3/09/2024				No			
Sep-24	Nitrogen	(mg/L)	Monthly during discharge	1	3/09/2024				No			
Sep-24	pH	pH	Monthly during discharge	1	3/09/2024				No	6.5 - 9.5	No	
Sep-24	Phosphorus	(mg/L)	Monthly during discharge	1	3/09/2024				No			
Sep-24	Reactive Phosphorus	(mg/L)	Monthly during discharge	1	3/09/2024				No			·
Sep-24	Selenium	(mg/L)	Monthly during discharge	1	3/09/2024				No			
Sep-24	Total Kjeldahl Nitrogen	(mg/L)	Monthly during discharge	1	3/09/2024				No			-
Sep-24	Total Suspended Solids	(mg/L)	Monthly during discharge	1	3/09/2024				No	50	No	_
Sep-24	Vanadium	(mg/L)	Monthly during discharge	1	3/09/2024				No			
Sep-24	Zinc	(mg/L)	Monthly during discharge	1	3/09/2024				No			

				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
Sep-24	Aluminium	(mg/L)	Daily for any discharge >2 hrs						No			
Sep-24	Ammonia	(mg/L)	Daily for any discharge >2 hrs						No			
Sep-24	Arsenic (III)	(mg/L)	Daily for any discharge >2 hrs						No			
Sep-24	Arsenic (V)	(mg/L)	Daily for any discharge >2 hrs						No			
Sep-24	Cadmium	(mg/L)	Daily for any discharge >2 hrs						No			
Sep-24	Chromium (trivalent)	(mg/L)	Daily for any discharge >2 hrs						No			
Sep-24	Chromium (VI) Compounds	(mg/L)	Daily for any discharge >2 hrs						No			
Sep-24	Copper	(mg/L)	Daily for any discharge >2 hrs						No			
Sep-24	Iron	(mg/L)	Daily for any discharge >2 hrs						No			
Sep-24	Lead	(mg/L)	Daily for any discharge >2 hrs						No			
Sep-24	Manganese	(mg/L)	Daily for any discharge >2 hrs						No			
Sep-24	Nickel	(mg/L)	Daily for any discharge >2 hrs						No			No discharge from EPA Point 25 during September 2024
Sep-24	Nitrate + nitrite (oxidised nitrogen)	(mg/L)	Daily for any discharge >2 hrs						No			
Sep-24	Nitrogen	(mg/L)	Daily for any discharge >2 hrs						No			
Sep-24	pH	pH	Daily for any discharge >2 hrs						No	6.5 - 9.5		
Sep-24	Phosphorus	(mg/L)	Daily for any discharge >2 hrs						No			
Sep-24	Reactive Phosphorus	(mg/L)	Daily for any discharge >2 hrs						No			
Sep-24	Selenium	(mg/L)	Daily for any discharge >2 hrs	1					No			
Sep-24	Total Kjeldahl Nitrogen	(mg/L)	Daily for any discharge >2 hrs	1					No			
Sep-24	Total Suspended Solids	(mg/L)	Daily for any discharge >2 hrs	1					No	50		
Sep-24	Vanadium	(mg/L)	Daily for any discharge >2 hrs	1					No			
		(()		1								

POINT 25 Discharge of over boarded water from the ash dam to Mannering Bay marked and shown as EPA ID 25 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).

Daily for any discharge >2 hrs

(mg/L)

Sep-24

Zinc

POINT 30	Groundwater quality monitoring bore marked an	d shown as EPA ID 30 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
Sep-24	Aluminium	(mg/L)	Quarterly									
Sep-24	Ammonia	(mg/L)	Quarterly									
Sep-24	Arsenic (III)	(mg/L)	Quarterly									
Sep-24	Arsenic (V)	(mg/L)	Quarterly									
Sep-24	Cadmium	(mg/L)	Quarterly									
Sep-24	Chromium (trivalent)	(mg/L)	Quarterly									
Sep-24	Chromium (VI) Compounds	(mg/L)	Quarterly									
Sep-24	Copper	(mg/L)	Quarterly									
Sep-24	Electrical Conductivity	(us/cm)	Quarterly									
Sep-24	Iron	(mg/L)	Quarterly									
Sep-24	Lead	(mg/L)	Quarterly									Next sample scheduled for October 2024
Sep-24	Magnesium	(mg/L)	Quarterly									
Sep-24	Manganese	(mg/L)	Quarterly									
Sep-24	Nickel	(mg/L)	Quarterly									
Sep-24	pH	pH	Quarterly									
Sep-24	Potassium	(mg/L)	Quarterly									
Sep-24	Selenium	(mg/L)	Quarterly									
Sep-24	Sodium	(mg/L)	Quarterly									<u> </u>
Sep-24	Standing Water Level	(m)	Quarterly									<u> </u>
Sep-24	Vanadium	(mg/L)	Quarterly									
Sep-24	Zinc	(mg/L)	Quarterly									

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

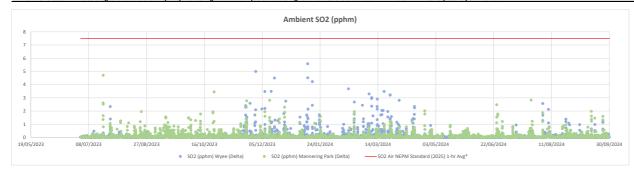
POINT 32	OINT 32 Groundwater quality monitoring bore marked and shown as EPA ID 32 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).											
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Samples Collected & Analysed	Date Sampled	Lowest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

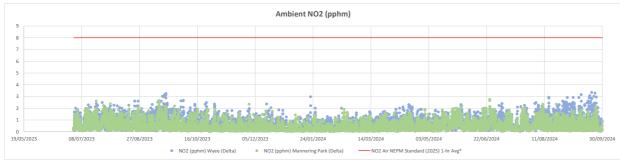
POINT 33	Groundwater quality monitoring bore marked and shown as EPA ID 33 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).											
				Samples Collected		Lowest Sample	Mean of	Highest Sample	99 Percentile	100 Percentile	Exceedance	
Month	Pollutant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

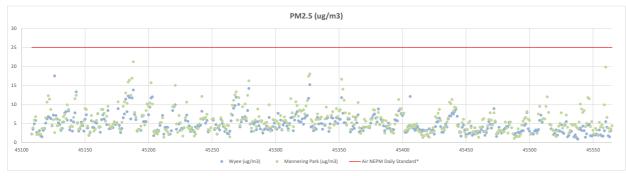
POINT 34	Groundwater quality monitoring bore marked and shown as EPA ID 33 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).											
				Samples Collected		Lowest Sample	Mean of	Highest Sample	99 Percentile	100 Percentile	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	& Analysed	Date Sampled	Value	Samples	Value	Concentration Limit	Concentration Limit	(yes/no)	Comments
Sep-24	Aluminium	(mg/L)	Quarterly									
Sep-24	Ammonia	(mg/L)	Quarterly									
Sep-24	Arsenic (III)	(mg/L)	Quarterly									
Sep-24	Arsenic (V)	(mg/L)	Quarterly									
Sep-24	Cadmium	(mg/L)	Quarterly									
Sep-24	Chromium (trivalent)	(mg/L)	Quarterly									
Sep-24	Chromium (VI) Compounds	(mg/L)	Quarterly									
Sep-24	Copper	(mg/L)	Quarterly									
Sep-24	Electrical Conductivity	(us/cm)	Quarterly									
Sep-24	Iron	(mg/L)	Quarterly									Next sample scheduled for October 2024
Sep-24	Lead	(mg/L)	Quarterly									
Sep-24	Magnesium	(mg/L)	Quarterly									
Sep-24	Manganese	(mg/L)	Quarterly									
Sep-24	Nickel	(mg/L)	Quarterly									
Sep-24	pH	pH	Quarterly									
Sep-24	Potassium	(mg/L)	Quarterly									
Sep-24	Selenium	(mg/L)	Quarterly									_
Sep-24	Sodium	(mg/L)	Quarterly									
Sep-24	Standing Water Level	(m)	Quarterly									
Sep-24	Vanadium	(mg/L)	Quarterly									_
Son-24	7inc	(ma/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.







GENERAL 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