# **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	November 2021	
ADDRESS	VALES ROAD, MANNERING PARK NSW	



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

				Samples Collected &	Date Sampled	Lowest Sample	Mean of	Highest Sample		100 Percentile Concentration		
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed		Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Nov-21	Cadmium	(mg/m3)	Every 6 months							0.2		
Nov-21	Chlorine	(mg/m3)	Every 6 months							20		
Nov-21	Fluorine	(mg/m3)	Every 6 months							30		
Nov-21	Hydrogen chloride	(mg/m3)	Every 6 months							50		
Nov-21	Mercury	(mg/m3)	Every 6 months							0.05		
Nov-21	Nitrogen Oxides	(mg/m3)	Continuous	97.7%	Nov-21	436	668	781	1100	1500	No	
Nov-21	Solid Particles	(mg/m3)	Quarterly							50	No	
Nov-21	Sulfur dioxide	(mg/m3)	Continuous	97.5%	Nov-21	494	740	942	1400	1700	No	
Nov-21	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months							100		
Nov-21	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months				<u> </u>			0.75		
Nov-21	VOC's as n-propane equivalent	(mg/m3)	Every 6 months				•			10		

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).

PUINI 3	Combined air emissions from boller 6 via Points 8	to 11 to Follit 1 illa	Red and shown as LFA ID 3 on The	Fialls ( VAOS7	331-1 AND VA63	7331-2 03/00/20	20 LFA KLFLKLIN	CL DOC20/4700937	AND DOCZU/470	093-11.		
				Samples					99 Percentile	100 Percentile		
				Collected &		<b>Lowest Sample</b>	Mean of	Highest Sample	Concentration	Concentration	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Nov-21	Cadmium	(mg/m3)	Every 6 months							0.2		
Nov-21	Chlorine	(mg/m3)	Every 6 months							20		
Nov-21	Fluorine	(mg/m3)	Every 6 months							30		
Nov-21	Hydrogen chloride	(mg/m3)	Every 6 months							50		
Nov-21	Mercury	(mg/m3)	Every 6 months							0.05		
Nov-21	Nitrogen Oxides	(mg/m3)	Continuous	99.2%	Nov-21	240	549	899	1100	1500	No	
Nov-21	Solid Particles	(mg/m3)	Quarterly							50		
Nov-21	Sulfur dioxide	(mg/m3)	Continuous	99.8%	Nov-21	495	691	969	1400	1700	No	
Nov-21	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months				•			100		_
Nov-21	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months							0.75		
Nov-21	VOC's as n-propane equivalent	(mg/m3)	Every 6 months				<u> </u>			10		

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

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

POINT 5	Boiler number 5 exhaust - duct B marked and sho	own as EPA ID 5 on T	he Plans ("VX837351-1 AND "VX837	351-2" 03/06	/2020 EPA REFERE	NCE DOC20/4766	95 AND DOC20/4	76695-1).				
				Samples					99 Percentile	100 Percentile		
				Collected &		Lowest Sample	Mean of	Highest Sample	Concentration	Concentration	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Nov-21	Cadmium	(mg/m3)	Every 6 months									
Nov-21	Flow rate	(m3/s)	Continuous									
Nov-21	Mercury	(mg/m3)	Every 6 months									
Nov-21	Moisture	(%)	Continuous									See note at end of report regarding installation of continuous
Nov-21	Oxygen (O2)	(%)	Continuous									monitoring instrumentation.
Nov-21	Solid Particles	(mg/m3)	Quarterly									
Nov-21	Temperature	(°C)	Continuous									
Nov-21	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months									

POINT 6 Boiler number 5 exhaust - duct C marked and shown as EPA ID 6 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 A
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				Samples					99 Percentile	100 Percentile		
				Collected &		Lowest Sample	Mean of	Highest Sample	Concentration	Concentration	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Nov-21	Cadmium	(mg/m3)	Every 6 months									
Nov-21	Carbon dioxide	(%)	Every 6 months									
Nov-21	Chlorine	(mg/m3)	Every 6 months									
Nov-21	Flow rate	(m3/s)	Continuous									
Nov-21	Fluorine	(mg/m3)	Every 6 months									
Nov-21	Hydrogen chloride	(mg/m3)	Every 6 months									
Nov-21	Mercury	(mg/m3)	Every 6 months									See note at end of report regarding installation of continuous
Nov-21	Moisture	(%)	Continuous									monitoring instrumentation.
Nov-21	Oxygen (O2)	(%)	Continuous									
Nov-21	Solid Particles	(mg/m3)	Quarterly									
Nov-21	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months									
Nov-21	Temperature	(°C)	Continuous									
Nov-21	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months									
Nov-21	VOC's as n-propane equivalent	(mg/m3)	Every 6 months									

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

				Samples					99 Percentile	100 Percentile		
				Collected &		<b>Lowest Sample</b>	Mean of	Highest Sample	Concentration	Concentration	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Nov-21	Cadmium	(mg/m3)	Every 6 months									
Nov-21	Flow rate	(m3/s)	Continuous									
Nov-21	Mercury	(mg/m3)	Every 6 months									
Nov-21	Moisture	(%)	Continuous									See note at end of report regarding installation of continuous
Nov-21	Oxygen (O2)	(%)	Continuous									monitoring instrumentation.
Nov-21	Solid Particles	(mg/m3)	Quarterly									
Nov-21	Temperature	(°C)	Continuous									
Nov-21	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months									

#### POINT 8 Boiler number 6 exhaust - duct A marked and shown as EPA ID 8 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).

				Samples					99 Percentile	100 Percentile		
				Collected &		Lowest Sample	Mean of	Highest Sample	Concentration	Concentration	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Nov-21	Cadmium	(mg/m3)	Every 6 months									
Nov-21	Carbon dioxide	(%)	Every 6 months									
Nov-21	Chlorine	(mg/m3)	Every 6 months									
Nov-21	Flow rate	(m3/s)	Continuous									
Nov-21	Fluorine	(mg/m3)	Every 6 months									
Nov-21	Hydrogen chloride	(mg/m3)	Every 6 months									
Nov-21	Mercury	(mg/m3)	Every 6 months									See note at end of report regarding installation of continuous
Nov-21	Moisture	(%)	Continuous									monitoring instrumentation.
Nov-21	Oxygen (O2)	(%)	Continuous									
Nov-21	Solid Particles	(mg/m3)	Quarterly									
Nov-21	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months									
Nov-21	Temperature	(°C)	Continuous									
Nov-21	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months				•					_
Nov-21	VOC's as n-propane equivalent	(mg/m3)	Every 6 months				•					

Solidor number 6 subsert - doubt in wheeld and shown as EPA ID 9 on the Plans' ("W327351 - 1 AMD "W327351 - 2 * 2 / 3 / 1 ADD 200 EPA REFERENCE OCCOR/27/805   1 ADD 200 EPA	Comments  See note at end of report regarding installation of continuous monitoring instrumentation.		Concentration			35 AND DUCZU/4	INCE DUC20/4/665	ZUZU EPA KEFEKE		ne Plans ( VX83/351-1 AND VX83/	IOWN AS EPA ID 9 ON II	Boller number 6 exhaust - duct B marked and sr	POINT 9
Month	See note at end of report regarding installation of continuous		Concentration		Highort Comple								
Month   Polistant   Unit of Messure   Sample/Messurement Frequency   Analysed   Oate Sampled   Value   Samples   Value   Unit	See note at end of report regarding installation of continuous					Moan of	Lowest Sample						
Nov-21   Column	See note at end of report regarding installation of continuous	(400)07		Limit	0			Date Sampled		Sample/Measurement Frequency	Unit of Measure	Pollutant	Month
Nov-21   Nov-21   Nover   (mg/m3)   Every for morths			Lilling	Lillie	Value	Julipics	value	Date Samplea	Analyseu		_		
Nov.21   Mercury													
Nov-21													
Nov21													
	, <b>y</b>												
Nov-21   Temperature   (C)													
POINT 10   Boiler number 6 eshaust - duct C marked and shown as EPA ID 10 on The Plans ("VX83735.1-1 AND "VX83735.1-2" 03/06/2020 EPA REFERENCE DOCIO/476695 AND DOCIO/476695-1).										Continuous		Temperature	
POINT 10   Boiler number 6 eshaust - duct C marked and show as EPA ID 10 or The Plans ("VX837351-1 AND "VX837351-1" 20/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).										Every 6 months	(mg/m3)	Type 1 and Type 2 substances in aggregate	Nov-21
Month										•			
Month					476695-1).	95 AND DOC20/4	ENCE DOC20/4766	6/2020 EPA REFER	7351-2" 03/0	The Plans ("VX837351-1 AND "VX83	own as EPA ID 10 on	Boiler number 6 exhaust - duct C marked and sh	POINT 10
Month   Pollutant			100 Percentile	99 Percentile					Samples				
Nov-21   Carbon dooide		Exceedance	Concentration	Concentration	Highest Sample	Mean of	Lowest Sample		Collected &				
Nov-21   Calmium	Comments	(yes/no)	Limit	Limit	Value	Samples	Value	Date Sampled	Analysed	Sample/Measurement Frequency	Unit of Measure	Pollutant	Month
Nov-21   Chlorine										Every 6 months	(mg/m3)	Cadmium	Nov-21
Nov-21   Floor rate											(%)	Carbon dioxide	Nov-21
Nov-21   Hudrogen chloride   (mg/m3)   Every 6 months													
Nov-21   Hudrogen chloride   (mg/m3)   Every 6 months													
Nov-21													
Nov-21													
Nov-21	See note at end of report regarding installation of continuous												
Nov-21   Oxgen (02)	monitoring instrumentation.												
Nov-21   Solid Particles   (mg/m3)   Quarterly	V							İ					
Nov-21   Sulfuric acid mist and sulfur trioxide (as 503)   (mg/m3)   Every 6 months								İ					
Nov-21   Temperature													
Nov-21 Type 1 and Type 2 substances in aggregate (mg/m3) Every 6 months  Nov-21 VOCs as n-propane equivalent (mg/m3) Every 6 months  POINT 11 Boiler number 6 exhaust - duct D marked and shown as EPA ID 11 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).  Samples Collected & Nov-21 Cadmium (mg/m3) Every 6 months (mg/m3) Every 6 months  Nov-21 Flow rate (m3/s) Continuous (mg/m3) Every 6 months (mg/m3) Eve													
Nov-21   VOC's as n-propane equivalent   (mg/m3)   Every 6 months												Type 1 and Type 2 substances in aggregate	Nov-21
POINT 11 Boiler number 6 exhaust - duct D marked and shown as EPA ID 11 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).    Nov-21													
Month Pollutant Unit of Measure Sample/Measurement Frequency Nov-21 Flow rate Nov-21 N										Every 6 months	(1118/1113)	voe sus ii propune equivalent	1101 22
Month Pollutant Unit of Measure Sample/Measurement Frequency Nov-21 Flow rate Nov-21 Nov-21 Mosture Mosture					476695-1)	595 AND DOC20/	SENCE DOC20/4766	6/2020 FDA REFE	27351-2" 03/0	The Plans ("VY837351-1 AND "VY83	nown as FPA ID 11 on	Boiler number 6 exhaust - duct D marked and sl	POINT 11
Month Pollutant Unit of Measure Sample/Measurement Frequency Nov-21 Flow rate (mg/m3) Fevery 6 months Nov-21 Moisture Nov-21 Nov-21 Nov-21 Solid Particles (mg/m3) Fevery 6 months Nov-21 Nov-21 Nov-21 Nov-21 Nov-21 Nov-21 Nov-21 Solid Particles (mg/m3) Fevery 6 months  Concentration Limit Fexcedance (yes/no)  Fexcedance (ye			100 Porcontilo	00 Porcontilo	470055-17.	DOCEO,	LINCE DOCEO, 4700	I REFER		THE HAIRS ( VACCOUNTY TANKS VACCOUNTY	IOWIT GO ET A TO II OII	Doner Hamber o exhaust - duct D marked and si	1011111
Month   Pollutant   Unit of Measure   Sample/Measurement Frequency   Analysed   Date Sampled   Value   Samples   Value   Limit   Limit   (yes/no)		Evenedones			Highort Comple	Mann of	Lawast Cample						
Nov-21   Cadmium   (mg/m3)   Every 6 months	Comments							Data Campled		Samula /Massurament Francisco	Unit of Managers	Pollutant	Month
Nov-21	Comments	(yes/110)	Limit	Limit	Value	Samples	value	Date Sampled	Analyseu				
Nov-21   Moisture   (%)   Continuous													
Nov-21   Moisture   (%)   Continuous													
Nov-21   Oxygen (O2)   (%)   Continuous	C												
Nov-21 Solid Particles (mg/m3) Quarterly (°C) Continuous (°C)	See note at end of report regarding installation of continuous		-										
Nov-21 Temperature (*C) Continuous   Imperature (*C) Continuous   Imperatu	monitoring instrumentation.		-										
Nov-21 Type 1 and Type 2 substances in aggregate (mg/m3) Every 6 months  POINT 12 Boiler number 5 combined exhaust - duct A and B (points 4 and 5) marked and shown as EPA ID 12 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).  Samples Collected & Collec													
POINT 12 Boiler number 5 combined exhaust - duct A and B (points 4 and 5) marked and shown as EPA ID 12 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).  Samples Collected & Collected & Concentration Samples Collected & Analysed Date Samples Value Nov-21 Nitrogen Oxides (mg/m3) Continuous 98.7% Nov-21 387 650 770 Nov-21 N/A			-										
Month   Pollutant   Unit of Measure   Sample/Measurement Frequency   Nov-21   Nitrogen Oxides   (mg/m3)   Continuous   98.7%   Nov-21   387   650   770     99 Percentile   100 Percentile   Concentration   Exceedance   Concentration   Co									l .	Every 6 months	(IIIg/IIIS)	Type 1 and Type 2 substances in aggregate	NOV-21
Month   Pollutant   Unit of Measure   Sample/Measurement Frequency   Nov-21   Nitrogen Oxides   Microgen Oxides   (mg/m3)   Continuous   98.7%   Nov-21   387   650   770     99 Percentile   100 Percentile   Concentration   Exceedance   Concentration									p) (II) 0/0		n/ · · · · · · · ·		
Month Pollutant Unit of Measure Sample/Measurement Frequency Analysed Date Sampled Value Samples Value Limit Concentration (yes/no)  Nov-21 Nitrogen Oxides (mg/m3) Continuous 98.7% Nov-21 387 650 770  Nov-21 N/A	T .	1	/6695-1).	AND DOC20/4/	NCE DOC20/476695	UZU EPA KEFEKEN	33/351-2" 03/06/2	3/351-1 AND "VX	e Plans ("VX8:	irked and shown as EPA ID 12 on In	B (points 4 and 5) ma	Boiler number 5 combined exhaust - duct A and	POINT 12
Month Pollutant Unit of Measure Sample/Measurement Frequency Analysed Date Sample Value Sample Mean of Samples Value Val													
Month         Pollutant         Unit of Measure         Sample/Measurement Frequency         Analysed         Date Sampled         Value         Samples         Value         Limit         Limit         Lyes/no           Nov-21         Nitrogen Oxides         (mg/m3)         Continuous         98.7%         Nov-21         387         650         770         N/A													
Nov-21 Nitrogen Oxides (mg/m3) Continuous 98.7% Nov-21 387 650 770 N/A													
	Comments		Limit	Limit									
Nov-21 Sulfur dioxide (mg/m3) Continuous 98.5% Nov-21 514 717 916 N/A													
		N/A			916	717	514	Nov-21	98.5%	Continuous	(mg/m3)	Sultur dioxide	Nov-21
POINT 13 Boiler number 5 combined exhaust - duct C and D (points 6 and 7) marked and shownas EPA ID 13 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).			6695-1).	AND DOC20/476	CE DOC20/476695	020 EPA REFEREN	37351-2" 03/06/2	7351-1 AND "VX8	Plans ("VX83	rked and shownas EPA ID 13 on The	D (points 6 and 7) ma	Boller number 5 combined exhaust - duct C and	POINT 13
Samples 99 Percentile 100 Percentile													
Collected & Lowest Sample   Mean of Highest Sample   Concentration   Concentration   Exceedance													
Month Pollutant Unit of Measure Sample/Measurement Frequency Analysed Date Sampled Value Samples Value Limit Limit (yes/no)	Comments		Limit	Limit							_		
Nov-21         Nitrogen Oxides         (mg/m3)         Continuous         96.7%         Nov-21         350         686         848         N/A													
Nov-21 Sulfur dioxide (mg/m3) Continuous 96.5% Nov-21 342 764 968 N/A		N/A			968	764	342	Nov-21	96.5%	Continuous	(mg/m3)	Sulfur dioxide	Nov-21
POINT 14 Boiler number 6 combined exhaust - duct A and B (points 8 and 9) marked and shownas EPA ID 14 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).			6695-1).	AND DOC20/476	ICE DOC20/476695	020 EPA REFEREN	37351-2" 03/06/2	7351-1 AND "VX8	e Plans ("VX83	rked and shownas EPA ID 14 on The	B (points 8 and 9) ma	Boiler number 6 combined exhaust - duct A and	POINT 14
Samples 99 Percentile 100 Percentile													
Collected & Lowest Sample   Mean of Highest Sample   Concentration   Concentration   Exceedance		Exceedance	Concentration	Concentration	Highest Sample	Mean of	Lowest Sample		Collected &				
	Comments	(yes/no)	Limit	Limit	Value	Samples	Value	Date Sampled	Analysed	Sample/Measurement Frequency	Unit of Measure	Pollutant	Month
		N/A			800	518	202	Nov-21	99.2%	Continuous	(mg/m3)	Nitrogen Oxides	Nov-21

POINT 15	Boiler number 6 combined exhaust - duct C and D	(points 10 and 11) r	narked and shownas EPA ID 12 on T	he Plans ("VX	837351-1 AND "V	X837351-2" 03/06	/2020 EPA REFER	ENCE DOC20/4766	95 AND DOC20/4	176695-1).		
				Samples					99 Percentile	100 Percentile		
				Collected &		Lowest Sample	Mean of	Highest Sample	Concentration	Concentration	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Nov-21	Nitrogen Oxides	(mg/m3)	Continuous	99.3%	Nov-21	212	580	1036			N/A	
Nov-21	Sulfur dioxide	(mg/m3)	Continuous	100.0%	Nov-21	478	667	947			N/A	

POINT 22	Discharge of cooling water from the cooling water	outlet canal to Wyee Bay marked and shown as EPA ID 22 o	n The Plans ("VX837351-1 AND "VX837351-2	" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).

				Samples Collected &		Lowest Sample	Mean of	Highest Sample		100 Percentile Concentration		
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Nov-21	Chlorine (free residual)	(mg/L)	Monthly during discharge	1	25/11/2021	<0.1	<0.1	<0.1		0.2	No	İ
Nov-21	Copper	(mg/L)	Monthly during discharge	1	25/11/2021	0.005	0.005	0.005		0.005	No	
Nov-21	Iron	(mg/L)	Monthly during discharge	1	25/11/2021	0.148	0.148	0.148		0.3	No	
Nov-21	Oil and Grease	Visible	Continuous during discharge	100%	Nov-21	NIL	NIL	NIL				
Nov-21	Selenium	(mg/L)	Monthly during discharge	1	25/11/2021	<0.002	<0.002	<0.002		0.005	No	
Nov-21	Temperature	(°C)	Continuous during discharge	100%	Nov-21	23.7	27.1	32.2	35	37.5	No	

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

POINT 23	Discharge of supernatant water from the asir dan	to the cooming water	outier canar to 11 yee bay marked		ELIXIB ES OIL TIN	: 1 Idii3 ( VX03733.	11/11/12 1/105/5	31 2 03/00/2020				0033 21.
				Samples						100 Percentile		
				Collected &		Lowest Sample	Mean of	Highest Sample	Concentration	Concentration	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Nov-21	Aluminium	(mg/L)	Monthly during discharge	1	25/11/2021	0.035	0.035	0.035				
Nov-21	Ammonia	(mg/L)	Monthly during discharge	1	25/11/2021	0.17	0.17	0.17				
Nov-21	Arsenic (III)	(mg/L)	Monthly during discharge	1	25/11/2021	0.0014	0.0014	0.0014				
Nov-21	Arsenic (V)	(mg/L)	Monthly during discharge	1	25/11/2021	0.0071	0.0071	0.0071				
Nov-21	Cadmium	(mg/L)	Monthly during discharge	1	25/11/2021	0.00006	0.00006	0.00006				
Nov-21	Chromium (trivalent)	(mg/L)	Monthly during discharge	1	25/11/2021	< 0.001	<0.001	< 0.001				
Nov-21	Chromium (VI) Compounds	(mg/L)	Monthly during discharge	1	25/11/2021	0.030	0.030	0.030				
Nov-21	Copper	(mg/L)	Monthly during discharge	1	25/11/2021	< 0.0005	< 0.0005	< 0.0005				
Nov-21	Iron	(mg/L)	Monthly during discharge	1	25/11/2021	0.04	0.04	0.04				
Nov-21	Lead	(mg/L)	Monthly during discharge	1	25/11/2021	<0.0001	< 0.0001	< 0.0001				
Nov-21	Manganese	(mg/L)	Monthly during discharge	1	25/11/2021	0.0051	0.0051	0.0051				
Nov-21	Nickel	(mg/L)	Monthly during discharge	1	25/11/2021	<0.0005	< 0.0005	< 0.0005				
Nov-21	Nitrate + nitrite (oxidised nitrogen)	(mg/L)	Monthly during discharge	1	25/11/2021	0.34	0.34	0.34				
Nov-21	Nitrogen	(mg/L)	Monthly during discharge	1	25/11/2021	<0.5	<0.5	<0.5				
Nov-21	pH	pH	Monthly during discharge	1	25/11/2021	9.08	9.08	9.08		6.5 - 9.5	No	
Nov-21	Phosphorus	(mg/L)	Monthly during discharge	1	25/11/2021	<0.05	< 0.05	< 0.05				
Nov-21	Reactive Phosphorus	(mg/L)	Monthly during discharge	1	25/11/2021	0.03	0.03	0.03				
Nov-21	Selenium	(mg/L)	Monthly during discharge	1	25/11/2021	0.102	0.102	0.102				
Nov-21	Total Kjeldahl Nitrogen	(mg/L)	Monthly during discharge	1	25/11/2021	<0.5	<0.5	<0.5				
Nov-21	Total Suspended Solids	(mg/L)	Monthly during discharge	1	25/11/2021	4	4	4		50	No	
Nov-21	Vanadium	(mg/L)	Monthly during discharge	1	25/11/2021	0.0736	0.0736	0.0736				
Nov-21	Zinc	(mg/L)	Monthly during discharge	1	25/11/2021	< 0.001	< 0.001	< 0.001				

POINT 24														
				Samples					Discharge	100 Percentile				
				Collected &		Lowest Sample	Mean of	Highest Sample	(yes/no)	Concentration	Exceedance			
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	(yes/110)	Limit	(yes/no)	Comments		
Nov-21	Aluminium	(mg/L)	Monthly during discharge	1	25/11/2021				No					
Nov-21	Ammonia	(mg/L)	Monthly during discharge	1	25/11/2021				No					
Nov-21	Arsenic (III)	(mg/L)	Monthly during discharge	1	25/11/2021				No					
Nov-21	Arsenic (V)	(mg/L)	Monthly during discharge	1	25/11/2021				No					
Nov-21	Cadmium	(mg/L)	Monthly during discharge	1	25/11/2021				No					
Nov-21	Chromium (trivalent)	(mg/L)	Monthly during discharge	1	25/11/2021				No					
Nov-21	Chromium (VI) Compounds	(mg/L)	Monthly during discharge	1	25/11/2021				No					
Nov-21	Copper	(mg/L)	Monthly during discharge	1	25/11/2021				No					
Nov-21	Iron	(mg/L)	Monthly during discharge	1	25/11/2021				No					
Nov-21	Lead	(mg/L)	Monthly during discharge	1	25/11/2021				No			No discharge from EPA Point 24 during November 2021		
Nov-21	Manganese	(mg/L)	Monthly during discharge	1	25/11/2021				No					
Nov-21	Nickel	(mg/L)	Monthly during discharge	1	25/11/2021				No					
Nov-21	Nitrate + nitrite (oxidised nitrogen)	(mg/L)	Monthly during discharge	1	25/11/2021				No					
Nov-21	Nitrogen	(mg/L)	Monthly during discharge	1	25/11/2021				No					
Nov-21	pH	pH	Monthly during discharge	1	25/11/2021				No	6.5 - 9.5	No			
Nov-21	Phosphorus	(mg/L)	Monthly during discharge	1	25/11/2021				No					
Nov-21	Reactive Phosphorus	(mg/L)	Monthly during discharge	1	25/11/2021				No					
Nov-21	Selenium	(mg/L)	Monthly during discharge	1	25/11/2021		•		No					
Nov-21	Total Kjeldahl Nitrogen	(mg/L)	Monthly during discharge	1	25/11/2021				No					
Nov-21	Total Suspended Solids	(mg/L)	Monthly during discharge	1	25/11/2021		·		No	50	No	_		
Nov-21	Vanadium	(mg/L)	Monthly during discharge	1	25/11/2021		•		No			_		
Nov-21	Zinc	(mg/L)	Monthly during discharge	1	25/11/2021		•		No			_		

POINT 25														
				Samples					Discharge	100 Percentile				
				Collected &		Lowest Sample	Mean of	Highest Sample	(yes/no)	Concentration				
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	(yes/110)	Limit	(yes/no)	Comments		
Nov-21	Aluminium	(mg/L)	Daily for any discharge >2 hrs						No					
Nov-21	Ammonia	(mg/L)	Daily for any discharge >2 hrs						No					
Nov-21	Arsenic (III)	(mg/L)	Daily for any discharge >2 hrs						No					
Nov-21	Arsenic (V)	(mg/L)	Daily for any discharge >2 hrs						No					
Nov-21	Cadmium	(mg/L)	Daily for any discharge >2 hrs						No					
Nov-21	Chromium (trivalent)	(mg/L)	Daily for any discharge >2 hrs						No					
Nov-21	Chromium (VI) Compounds	(mg/L)	Daily for any discharge >2 hrs						No					
Nov-21	Copper	(mg/L)	Daily for any discharge >2 hrs						No					
Nov-21	Iron	(mg/L)	Daily for any discharge >2 hrs						No					
Nov-21	Lead	(mg/L)	Daily for any discharge >2 hrs						No					
Nov-21	Manganese	(mg/L)	Daily for any discharge >2 hrs						No					
Nov-21	Nickel	(mg/L)	Daily for any discharge >2 hrs						No			No discharge from EPA Point 25 during November 2021		
Nov-21	Nitrate + nitrite (oxidised nitrogen)	(mg/L)	Daily for any discharge >2 hrs						No					
Nov-21	Nitrogen	(mg/L)	Daily for any discharge >2 hrs						No					
Nov-21	pH	pН	Daily for any discharge >2 hrs						No	6.5 - 9.5	No			
Nov-21	Phosphorus	(mg/L)	Daily for any discharge >2 hrs						No					
Nov-21	Reactive Phosphorus	(mg/L)	Daily for any discharge >2 hrs						No					
Nov-21	Selenium	(mg/L)	Daily for any discharge >2 hrs				·		No			_		
Nov-21	Total Kjeldahl Nitrogen	(mg/L)	Daily for any discharge >2 hrs						No					
Nov-21	Total Suspended Solids	(mg/L)	Daily for any discharge >2 hrs				·		No	50	No	_		
Nov-21	Vanadium	(mg/L)	Daily for any discharge >2 hrs						No					
Nov-21	Zinc	(mg/L)	Daily for any discharge >2 hrs						No					

POINT 30															
				Samples					99 Percentile	100 Percentile					
				Collected &		Lowest Sample	Mean of	Highest Sample	Concentration	Concentration	Exceedance				
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments			
Nov-21	Aluminium	(mg/L)	Quarterly	1	25/11/2021	0.069	0.069	0.069							
Nov-21	Ammonia	(mg/L)	Quarterly	1	25/11/2021	1.02	1.02	1.02							
Nov-21	Arsenic (III)	(mg/L)	Quarterly	1	25/11/2021	<0.0050	<0.0050	< 0.0050							
Nov-21	Arsenic (V)	(mg/L)	Quarterly	1	25/11/2021	<0.0050	<0.0050	< 0.0050							
Nov-21	Cadmium	(mg/L)	Quarterly	1	25/11/2021	<0.0002	<0.0002	< 0.0002							
Nov-21	Chromium (trivalent)	(mg/L)	Quarterly	1	25/11/2021	< 0.001	< 0.001	< 0.001							
Nov-21	Chromium (VI) Compounds	(mg/L)	Quarterly	1	25/11/2021	< 0.001	< 0.001	< 0.001							
Nov-21	Copper	(mg/L)	Quarterly	1	25/11/2021	0.001	0.001	0.001							
Nov-21	Electrical Conductivity	(us/cm)	Quarterly	1	25/11/2021	37700	37700	37700				Advised by water quality monitoring consultants that some results			
Nov-21	Iron	(mg/L)	Quarterly	1	25/11/2021	74.8	74.8	74.8				published in Nov 2021 were incorrect. Correct values are now in the			
Nov-21	Lead	(mg/L)	Quarterly	1	25/11/2021	0.0004	0.0004	0.0004				table. Corrected report republished Feb 2022.			
Nov-21	Magnesium	(mg/L)	Quarterly	1	25/11/2021	902	902	902							
Nov-21	Manganese	(mg/L)	Quarterly	1	25/11/2021	4.61	4.61	4.61							
Nov-21	Nickel	(mg/L)	Quarterly	1	25/11/2021	0.0203	0.0203	0.0203				_			
Nov-21	pH	pH	Quarterly	1	25/11/2021	5.72	5.72	5.72							
Nov-21	Potassium	(mg/L)	Quarterly	1	25/11/2021	125	125	125				_			
Nov-21	Selenium	(mg/L)	Quarterly	1	25/11/2021	<0.002	<0.002	< 0.002							
Nov-21	Sodium	(mg/L)	Quarterly	1	25/11/2021	6540	6540	6540				·			
Nov-21	Standing Water Level	(m)	Quarterly	1	25/11/2021	3.75	3.75	3.75							
Nov-21	Vanadium	(mg/L)	Quarterly	1	25/11/2021	<0.0005	<0.0005	< 0.0005							
Nov-21	Zinc	(mg/L)	Quarterly	1	25/11/2021	0.014	0.014	0.014							

POINT 31															
				Samples					99 Percentile	100 Percentile					
				Collected &		Lowest Sample	Mean of	Highest Sample	Concentration	Concentration	Exceedance				
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments			
Nov-21	Aluminium	(mg/L)	Quarterly	1	25/11/2021	0.74	0.74	0.74							
Nov-21	Ammonia	(mg/L)	Quarterly	1	25/11/2021	< 0.01	<0.01	< 0.01							
Nov-21	Arsenic (III)	(mg/L)	Quarterly	1	25/11/2021	< 0.0005	< 0.0005	< 0.0005							
Nov-21	Arsenic (V)	(mg/L)	Quarterly	1	25/11/2021	<0.0005	<0.0005	< 0.0005							
Nov-21	Cadmium	(mg/L)	Quarterly	1	25/11/2021	0.00009	0.00009	0.00009							
Nov-21	Chromium (trivalent)	(mg/L)	Quarterly	1	25/11/2021	< 0.001	<0.001	< 0.001							
Nov-21	Chromium (VI) Compounds	(mg/L)	Quarterly	1	25/11/2021	< 0.001	<0.001	< 0.001							
Nov-21	Copper	(mg/L)	Quarterly	1	25/11/2021	0.0154	0.0154	0.0154							
Nov-21	Electrical Conductivity	(us/cm)	Quarterly	1	25/11/2021	465	465	465							
Nov-21	Iron	(mg/L)	Quarterly	1	25/11/2021	0.66	0.66	0.66				Advised by water quality monitoring consultants that some			
Nov-21	Lead	(mg/L)	Quarterly	1	25/11/2021	0.0044	0.0044	0.0044				grondwater results published in Nov 2021 were incorrect. Correct			
Nov-21	Magnesium	(mg/L)	Quarterly	1	25/11/2021	9	9	9				values are now in the table. Corrected report republished Feb 2022.			
Nov-21	Manganese	(mg/L)	Quarterly	1	25/11/2021	0.0528	0.0528	0.0528							
Nov-21	Nickel	(mg/L)	Quarterly	1	25/11/2021	0.0036	0.0036	0.0036							
Nov-21	pH	pН	Quarterly	1	25/11/2021	6.18	6.18	6.18							
Nov-21	Potassium	(mg/L)	Quarterly	1	25/11/2021	2	2	2							
Nov-21	Selenium	(mg/L)	Quarterly	1	25/11/2021	0.0009	0.0009	0.0009							
Nov-21	Sodium	(mg/L)	Quarterly	1	25/11/2021	57	57	57							
Nov-21	Standing Water Level	(m)	Quarterly	1	25/11/2021	0.57	0.57	0.57							
Nov-21	Vanadium	(mg/L)	Quarterly	1	25/11/2021	0.002	0.002	0.002							
Nov-21	Zinc	(mg/L)	Quarterly	1	25/11/2021	0.75	0.75	0.75							

POINT 32														
				Samples					99 Percentile	100 Percentile				
				Collected &		Lowest Sample	Mean of	Highest Sample	Concentration	Concentration	Exceedance			
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments		
Nov-21	Aluminium	(mg/L)	Quarterly	1	25/11/2021	3.89	3.89	3.89						
Nov-21	Ammonia	(mg/L)	Quarterly	1	25/11/2021	< 0.01	< 0.01	< 0.01						
Nov-21	Arsenic (III)	(mg/L)	Quarterly	1	25/11/2021	<0.0005	< 0.0005	< 0.0005						
Nov-21	Arsenic (V)	(mg/L)	Quarterly	1	25/11/2021	< 0.0005	< 0.0005	< 0.0005						
Nov-21	Cadmium	(mg/L)	Quarterly	1	25/11/2021	< 0.00005	< 0.00005	< 0.00005						
Nov-21	Chromium (trivalent)	(mg/L)	Quarterly	1	25/11/2021	0.002	0.002	0.002						
Nov-21	Chromium (VI) Compounds	(mg/L)	Quarterly	1	25/11/2021	0.002	0.002	0.002						
Nov-21	Copper	(mg/L)	Quarterly	1	25/11/2021	0.0045	0.0045	0.0045						
Nov-21	Electrical Conductivity	(us/cm)	Quarterly	1	25/11/2021	152	152	152						
Nov-21	Iron	(mg/L)	Quarterly	1	25/11/2021	1.80	1.80	1.80				Advised by water quality monitoring consultants that some		
Nov-21	Lead	(mg/L)	Quarterly	1	25/11/2021	0.0011	0.0011	0.0011				grondwater results published in Nov 2021 were incorrect. Correct		
Nov-21	Magnesium	(mg/L)	Quarterly	1	25/11/2021	2	2	2				values are now in the table. Corrected report republished Feb 2022.		
Nov-21	Manganese	(mg/L)	Quarterly	1	25/11/2021	0.0011	0.0011	0.0011						
Nov-21	Nickel	(mg/L)	Quarterly	1	25/11/2021	0.008	0.008	0.008						
Nov-21	pH	pН	Quarterly	1	25/11/2021	5.99	5.99	5.99						
Nov-21	Potassium	(mg/L)	Quarterly	1	25/11/2021	1	1	1						
Nov-21	Selenium	(mg/L)	Quarterly	1	25/11/2021	0.0002	0.0002	0.0002						
Nov-21	Sodium	(mg/L)	Quarterly	1	25/11/2021	24	24	24						
Nov-21	Standing Water Level	(m)	Quarterly	1	25/11/2021	1.67	1.67	1.67						
Nov-21	Vanadium	(mg/L)	Quarterly	1	25/11/2021	0.0053	0.0053	0.0053						
Nov-21	Zinc	(mg/L)	Quarterly	1	25/11/2021	0.009	0.009	0.009						

1101 22	Line	(1118/2/	Quarterry	-	25/11/2021	0.003	0.003	0.003			
POINT 33	Groundwater quality monitoring bore marked and	d shown as EPA ID 3	3 on The Plans ("VX837351-1 AND '	"VX837351-2"	03/06/2020 EPA I	REFERENCE DOC20	/476695 AND DO	C20/476695-1).			
				Samples					99 Percentile	100 Percentile	
				Collected &		Lowest Sample	Mean of	Highest Sample	Concentration	Concentration	Exc
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	()

				Samples					99 Percentile	100 Percentile		
				Collected &		Lowest Sample	Mean of	Highest Sample	Concentration	Concentration	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Nov-21	Aluminium	(mg/L)	Quarterly	1	25/11/2021	0.29	0.29	0.29				
Nov-21	Ammonia	(mg/L)	Quarterly	1	25/11/2021	0.25	0.25	0.25				
Nov-21	Arsenic (III)	(mg/L)	Quarterly	1	25/11/2021	< 0.0050	< 0.0050	< 0.0050				
Nov-21	Arsenic (V)	(mg/L)	Quarterly	1	25/11/2021	<0.0050	< 0.0050	<0.0050				
Nov-21	Cadmium	(mg/L)	Quarterly	1	25/11/2021	<0.0002	< 0.0002	<0.0002				
Nov-21	Chromium (trivalent)	(mg/L)	Quarterly	1	25/11/2021	< 0.001	< 0.001	<0.001				
Nov-21	Chromium (VI) Compounds	(mg/L)	Quarterly	1	25/11/2021	0.012	0.012	0.012				
Nov-21	Copper	(mg/L)	Quarterly	1	25/11/2021	0.002	0.002	0.002				
Nov-21	Electrical Conductivity	(us/cm)	Quarterly	1	25/11/2021	50700	50700	50700				
Nov-21	Iron	(mg/L)	Quarterly	1	25/11/2021	63	63	63				Advised by water quality monitoring consultants that some
Nov-21	Lead	(mg/L)	Quarterly	1	25/11/2021	0.0005	0.0005	0.0005				grondwater results published in Nov 2021 were incorrect. Correct
Nov-21	Magnesium	(mg/L)	Quarterly	1	25/11/2021	1330	1330	1330				values are now in the table. Corrected report republished Feb 2022.
Nov-21	Manganese	(mg/L)	Quarterly	1	25/11/2021	0.659	0.659	0.659				
Nov-21	Nickel	(mg/L)	Quarterly	1	25/11/2021	0.0011	0.0011	0.0011				
Nov-21	pH	pH	Quarterly	1	25/11/2021	6.36	6.36	6.36				
Nov-21	Potassium	(mg/L)	Quarterly	1	25/11/2021	295	295	295				
Nov-21	Selenium	(mg/L)	Quarterly	1	25/11/2021	< 0.002	< 0.002	<0.002				
Nov-21	Sodium	(mg/L)	Quarterly	1	25/11/2021	9920	9920	9920				
Nov-21	Standing Water Level	(m)	Quarterly	1	25/11/2021	0.00	0.00	0.00				
Nov-21	Vanadium	(mg/L)	Quarterly	1	25/11/2021	0.0027	0.0027	0.0027				
Nov-21	Zinc	(mg/L)	Quarterly	1	25/11/2021	0.008	0.008	0.008				

POINT 34														
				Samples					99 Percentile	100 Percentile				
				Collected &		Lowest Sample	Mean of	Highest Sample	Concentration	Concentration	Exceedance			
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments		
Nov-21	Aluminium	(mg/L)	Quarterly	1	25/11/2021	0.12	0.12	0.12						
Nov-21	Ammonia	(mg/L)	Quarterly	1	25/11/2021	0.02	0.02	0.02						
Nov-21	Arsenic (III)	(mg/L)	Quarterly	1	25/11/2021	< 0.0005	< 0.0005	< 0.0005						
Nov-21	Arsenic (V)	(mg/L)	Quarterly	1	25/11/2021	< 0.0005	< 0.0005	< 0.0005						
Nov-21	Cadmium	(mg/L)	Quarterly	1	25/11/2021	< 0.00005	< 0.00005	< 0.00005						
Nov-21	Chromium (trivalent)	(mg/L)	Quarterly	1	25/11/2021	< 0.001	< 0.001	< 0.001						
Nov-21	Chromium (VI) Compounds	(mg/L)	Quarterly	1	25/11/2021	< 0.001	< 0.001	< 0.001						
Nov-21	Copper	(mg/L)	Quarterly	1	25/11/2021	0.0012	0.0012	0.0012						
Nov-21	Electrical Conductivity	(us/cm)	Quarterly	1	25/11/2021	757	757	757						
Nov-21	Iron	(mg/L)	Quarterly	1	25/11/2021	1.56	1.56	1.56				Advised by water quality monitoring consultants that some		
Nov-21	Lead	(mg/L)	Quarterly	1	25/11/2021	0.0002	0.0002	0.0002				grondwater results published in Nov 2021 were incorrect. Correct		
Nov-21	Magnesium	(mg/L)	Quarterly	1	25/11/2021	12	12	12				values are now in the table. Corrected report republished Feb 2022.		
Nov-21	Manganese	(mg/L)	Quarterly	1	25/11/2021	0.0780	0.0780	0.0780						
Nov-21	Nickel	(mg/L)	Quarterly	1	25/11/2021	0.0049	0.0049	0.0049						
Nov-21	pH	pН	Quarterly	1	25/11/2021	5.32	5.32	5.32						
Nov-21	Potassium	(mg/L)	Quarterly	1	25/11/2021	3	3	3						
Nov-21	Selenium	(mg/L)	Quarterly	1	25/11/2021	<0.0002	< 0.0002	< 0.0002						
Nov-21	Sodium	(mg/L)	Quarterly	1	25/11/2021	124	124	124						
Nov-21	Standing Water Level	(m)	Quarterly	1	25/11/2021	0.09	0.09	0.09						
Nov-21	Vanadium	(mg/L)	Quarterly	1	25/11/2021	0.0004	0.0004	0.0004						
Nov-21	Zinc	(mg/L)	Quarterly	1	25/11/2021	0.018	0.018	0.018						

# GENERAL COMMENTS

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