# 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	April 2023	
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 99 Percentile 100 Percentile Exceed Collected 8 **Date Sampled** Lowest Sample Mean of **Highest Sample** Concentration Concentration 100% Limit Unit of Measure Month Pollutant Sample/Measurement Frequency Analysed Value Value (yes/no) Samples Limit Limit Comments Apr-23 Cadmium (mg/m3) Every 6 months 0.2 No Apr-23 Chlorine (mg/m3) 20 No Every 6 months Apr-23 Fluorine (mg/m3) Every 6 months 30 No Every 6 months 50 No Apr-23 Hydrogen chloride (mg/m3) 0.05 No (mg/m3) Every 6 months Apr-23 Mercury Apr-23 850 980 No Unit 5 out of service for maintenance entire month of April Apr-23 Nitrogen Oxides (mg/m3) Continuous Apr-23 Solid Particles (mg/m3) Quarterly 50 No Apr-23 Sulfur dioxide (mg/m3) Continuous Apr-23 1400 1700 No Sulfuric acid mist and sulfur trioxide (as SO3) (mg/m3) 100 No Apr-23 Every 6 months Apr-23 Type 1 and Type 2 substances in aggregate (mg/m3) Every 6 months 0.75 No VOC's as n-propane equivalent Apr-23 (mg/m3) 10 No Every 6 months

POINT 3	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).											
				Samples					99 Percentile	100 Percentile	Exceed	
				Collected &		Lowest Sample	Mean of	Highest Sample	Concentration	Concentration	100% Limit	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Apr-23	Cadmium	(mg/m3)	Every 6 months							0.2	No	
Apr-23	Chlorine	(mg/m3)	Every 6 months							20	No	
Apr-23	Fluorine	(mg/m3)	Every 6 months							30	No	
Apr-23	Hydrogen chloride	(mg/m3)	Every 6 months							50	No	
Apr-23	Mercury	(mg/m3)	Every 6 months							0.05	No	
Apr-23	Nitrogen Oxides	(mg/m3)	Continuous	98.5%	Apr-23	229	622	720	850	980	No	
Apr-23	Solid Particles	(mg/m3)	Quarterly							50	No	
Apr-23	Sulfur dioxide	(mg/m3)	Continuous	98.4%	Apr-23	497	807	1144	1400	1700	No	
Apr-23	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months							100	No	
Apr-23	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months							0.75	No	
Apr-23	VOC's as n-propane equivalent	(mg/m3)	Every 6 months							10	No	

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					99 Percentile	100 Percentile		
				Collected &		Lowest Sample	Mean of	<b>Highest Sample</b>	Concentration	Concentration	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Apr-23	Cadmium	(mg/m3)	Every 6 months								N/A	
Apr-23	Carbon dioxide	(%)	Every 6 months								N/A	
Apr-23	Chlorine	(mg/m3)	Every 6 months								N/A	
Apr-23	Fluorine	(mg/m3)	Every 6 months								N/A	
Apr-23	Hydrogen chloride	(mg/m3)	Every 6 months								N/A	
Apr-23	Mercury	(mg/m3)	Every 6 months								N/A	
Apr-23	Solid Particles	(mg/m3)	Quarterly								N/A	
Apr-23	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months								N/A	
Apr-23	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months								N/A	
Apr-23	VOC's as n-propane equivalent	(mg/m3)	Every 6 months								N/A	

## POINT 5 Boiler number 5 exhaust - duct B marked and shown as EPA ID 5 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
Apr-23	Cadmium	(mg/m3)	Every 6 months								N/A	
Apr-23	Mercury	(mg/m3)	Every 6 months								N/A	
Apr-23	Solid Particles	(mg/m3)	Quarterly								N/A	
Apr-23	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months								N/A	

#### POINT 6 Boiler number 5 exhaust - duct C marked and shown as EPA ID 6 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	<b>Highest Sample</b>	Concentration	Concentration	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Apr-23	Cadmium	(mg/m3)	Every 6 months								N/A	
Apr-23	Carbon dioxide	(%)	Every 6 months								N/A	
Apr-23	Chlorine	(mg/m3)	Every 6 months								N/A	
Apr-23	Fluorine	(mg/m3)	Every 6 months								N/A	
Apr-23	Hydrogen chloride	(mg/m3)	Every 6 months								N/A	
Apr-23	Mercury	(mg/m3)	Every 6 months								N/A	
Apr-23	Solid Particles	(mg/m3)	Quarterly								N/A	
Apr-23	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months								N/A	
Apr-23	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months								N/A	
Apr-23	VOC's as n-propane equivalent	(mg/m3)	Every 6 months								N/A	

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 &		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	
Apr-23	Cadmium	(mg/m3)	Every 6 months								N/A		
Apr-23	Mercury	(mg/m3)	Every 6 months								N/A		
Apr-23	Solid Particles	(mg/m3)	Quarterly								N/A		
Apr-23	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months								N/A		

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	<b>Highest Sample</b>	Concentration	Concentration	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Apr-23	Cadmium	(mg/m3)	Every 6 months								N/A	
Apr-23	Carbon dioxide	(%)	Every 6 months								N/A	
Apr-23	Chlorine	(mg/m3)	Every 6 months								N/A	
Apr-23	Fluorine	(mg/m3)	Every 6 months								N/A	
Apr-23	Hydrogen chloride	(mg/m3)	Every 6 months								N/A	
Apr-23	Mercury	(mg/m3)	Every 6 months								N/A	
Apr-23	Solid Particles	(mg/m3)	Quarterly								N/A	
Apr-23	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months								N/A	
Apr-23	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months								N/A	
Apr-23	VOC's as n-propane equivalent	(mg/m3)	Every 6 months								N/A	

#### POINT 9 Boiler number 6 exhaust - duct B marked and shown as EPA ID 9 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	<b>Highest Sample</b>	Concentration	Concentration	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Apr-23	Cadmium	(mg/m3)	Every 6 months								N/A	
Apr-23	Mercury	(mg/m3)	Every 6 months								N/A	
Apr-23	Solid Particles	(mg/m3)	Quarterly								N/A	
Apr-23	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months								N/A	

#### POINT 10 Boiler number 6 exhaust - duct C marked and shown as EPA ID 10 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	<b>Highest Sample</b>	Concentration	Concentration	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Apr-23	Cadmium	(mg/m3)	Every 6 months								N/A	
Apr-23	Carbon dioxide	(%)	Every 6 months								N/A	
Apr-23	Chlorine	(mg/m3)	Every 6 months								N/A	
Apr-23	Fluorine	(mg/m3)	Every 6 months								N/A	
Apr-23	Hydrogen chloride	(mg/m3)	Every 6 months								N/A	
Apr-23	Mercury	(mg/m3)	Every 6 months								N/A	
Apr-23	Solid Particles	(mg/m3)	Quarterly								N/A	
Apr-23	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months								N/A	
Apr-23	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months								N/A	
Apr-23	VOC's as n-propane equivalent	(mg/m3)	Every 6 months								N/A	

POINT 11	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					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	
Apr-23	Cadmium	(mg/m3)	Every 6 months								N/A		
Apr-23	Mercury	(mg/m3)	Every 6 months								N/A		
Apr-23	Solid Particles	(mg/m3)	Quarterly								N/A		
Apr-23	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months								N/A		

#### POINT 12 Boiler number 5 combined exhaust - duct A and B (points 4 and 5) marked and shown as EPA ID 12 on The 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
Apr-23	Nitrogen Oxides	(mg/m3)	Continuous		Apr-23						N/A	Unit 5 out of service for maintenance entire month of April
Apr-23	Sulfur dioxide	(mg/m3)	Continuous		Apr-23						N/A	

#### 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).

				Samples Collected &		Lowest Sample	Mean of	Highest Sample	99 Percentile Concentration	100 Percentile Concentration	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Apr-23	Nitrogen Oxides	(mg/m3)	Continuous		Apr-23						N/A	Unit 5 out of service for maintenance entire month of April
Apr-23	Sulfur dioxide	(mg/m3)	Continuous		Apr-23						N/A	

#### 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).

				Samples					99 Percentile	100 Percentile		
				Collected &		Lowest Sample	Mean of	<b>Highest Sample</b>	Concentration	Concentration	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Apr-23	Nitrogen Oxides	(mg/m3)	Continuous	98.5%	Apr-23	234	649	762			N/A	
Apr-23	Sulfur dioxide	(mg/m3)	Continuous	98.5%	Apr-23	317	833	1171			N/A	

## POINT 15 Boiler number 6 combined exhaust - duct C and D (points 10 and 11) marked and shownas EPA ID 12 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	<b>Highest Sample</b>	Concentration	Concentration	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Apr-23	Nitrogen Oxides	(mg/m3)	Continuous	98.5%	Apr-23	224	596	690			N/A	
Apr-23	Sulfur dioxide	(mg/m3)	Continuous	98.3%	Apr-23	497	781	1116			N/A	

POINT 22	i 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 Concentration	100 Percentile Concentration	Exceed 100%			
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	Limit (yes/no)	Comments		
Apr-23	Chlorine (free residual)	(mg/L)	Monthly during discharge	1	4/04/2023	<0.1	<0.1	<0.1		0.2	No			
Apr-23	Copper	(mg/L)	Monthly during discharge	1	4/04/2023	0.002	0.002	0.002		0.005	No			
Apr-23	Iron	(mg/L)	Monthly during discharge	1	4/04/2023	0.110	0.110	0.110		0.3	No			
Apr-23	Oil and Grease	Visible	Continuous during discharge	100%	Apr-23	NIL	NIL	NIL						
Apr-23	Selenium	(mg/L)	Monthly during discharge	1	4/04/2023	0.001	0.001	0.001		0.005	No			
Apr-23	Temperature	(°C)	Continuous during discharge	100%	Anr-23	24.3	29.0	31.5	35	37 5	No			

POINT 23	JINT 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).													
				Samples					99 Percentile	100 Percentile				
				Collected &		Lowest Sample	Mean of	<b>Highest Sample</b>	Concentration	Concentration	Exceedance			
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments		
Apr-23	Aluminium	(mg/L)	Monthly during discharge	1	4/04/2023	0.03	0.03	0.03						
Apr-23	Ammonia	(mg/L)	Monthly during discharge	1	4/04/2023	0.058	0.058	0.058						
Apr-23	Arsenic (III)	(mg/L)	Monthly during discharge	1	4/04/2023	<0.001	< 0.001	< 0.001						
Apr-23	Arsenic (V)	(mg/L)	Monthly during discharge	1	4/04/2023	0.016	0.016	0.016						
Apr-23	Cadmium	(mg/L)	Monthly during discharge	1	4/04/2023	< 0.0001	<0.0001	<0.0001						
Apr-23	Chromium (trivalent)	(mg/L)	Monthly during discharge	1	4/04/2023	<0.005	<0.005	< 0.005						
Apr-23	Chromium (VI) Compounds	(mg/L)	Monthly during discharge	1	4/04/2023	0.010	0.010	0.010						
Apr-23	Copper	(mg/L)	Monthly during discharge	1	4/04/2023	<0.001	< 0.001	< 0.001						
Apr-23	Iron	(mg/L)	Monthly during discharge	1	4/04/2023	0.028	0.028	0.028						
Apr-23	Lead	(mg/L)	Monthly during discharge	1	4/04/2023	<0.001	< 0.001	< 0.001						
Apr-23	Manganese	(mg/L)	Monthly during discharge	1	4/04/2023	0.0120	0.0120	0.0120						
Apr-23	Nickel	(mg/L)	Monthly during discharge	1	4/04/2023	<0.001	< 0.001	< 0.001						
Apr-23	Nitrate + nitrite (oxidised nitrogen)	(mg/L)	Monthly during discharge	1	4/04/2023	<0.005	< 0.005	< 0.005						
Apr-23	Nitrogen	(mg/L)	Monthly during discharge	1	4/04/2023	0.60	0.60	0.60						
Apr-23	pH	рН	Monthly during discharge	1	4/04/2023	9.00	9.00	9.00		6.5 - 9.5	No			
Apr-23	Phosphorus	(mg/L)	Monthly during discharge	1	4/04/2023	0.20	0.20	0.20						
Apr-23	Reactive Phosphorus	(mg/L)	Monthly during discharge	1	4/04/2023	0.01	0.01	0.01						
Apr-23	Selenium	(mg/L)	Monthly during discharge	1	4/04/2023	0.064	0.064	0.064						
Apr-23	Total Kjeldahl Nitrogen	(mg/L)	Monthly during discharge	1	4/04/2023	0.6	0.6	0.6						
Apr-23	Total Suspended Solids	(mg/L)	Monthly during discharge	1	4/04/2023	12	12	12		50	No			
Apr-23	Vanadium	(mg/L)	Monthly during discharge	1	4/04/2023	0.12	0.12	0.12						
Apr-23	Zinc	(mg/L)	Monthly during discharge	1	4/04/2023	<0.001	<0.001	<0.001						

## POINT 24 Discharge of seepage water from the ash dam rehabilitation area to Mannering Bay marked and shown as EPA ID 24 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).

POINT 24	Discharge of seepage water from the ash dam ren	abilitation area to w	iannering bay marked and shown as i	EPAID 24 OILL	ne Plans ( VA657	551-1 AND VA657	351-2 03/08/2	LUZU EPA REFERENC	LE DUC20/4/865	5 AND DUC20/4/	0095-1).	
				Samples					Discharge	100 Percentile		
				Collected &		Lowest Sample	Mean of	<b>Highest Sample</b>	Discharge	Concentration	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	(yes/no)	Limit	(yes/no)	Comments
Apr-23	Aluminium	(mg/L)	Monthly during discharge	1	4/04/2023				No			
Apr-23	Ammonia	(mg/L)	Monthly during discharge	1	4/04/2023				No			
Apr-23	Arsenic (III)	(mg/L)	Monthly during discharge	1	4/04/2023				No			
Apr-23	Arsenic (V)	(mg/L)	Monthly during discharge	1	4/04/2023				No			
Apr-23	Cadmium	(mg/L)	Monthly during discharge	1	4/04/2023				No			
Apr-23	Chromium (trivalent)	(mg/L)	Monthly during discharge	1	4/04/2023				No			
Apr-23	Chromium (VI) Compounds	(mg/L)	Monthly during discharge	1	4/04/2023				No			
Apr-23	Copper	(mg/L)	Monthly during discharge	1	4/04/2023				No			
Apr-23	Iron	(mg/L)	Monthly during discharge	1	4/04/2023				No			
Apr-23	Lead	(mg/L)	Monthly during discharge	1	4/04/2023				No			No discharge from EPA Point 24 during April 2023
Apr-23	Manganese	(mg/L)	Monthly during discharge	1	4/04/2023				No			
Apr-23	Nickel	(mg/L)	Monthly during discharge	1	4/04/2023				No			
Apr-23	Nitrate + nitrite (oxidised nitrogen)	(mg/L)	Monthly during discharge	1	4/04/2023				No			
Apr-23	Nitrogen	(mg/L)	Monthly during discharge	1	4/04/2023				No			
Apr-23	рН	pН	Monthly during discharge	1	4/04/2023				No	6.5 - 9.5	No	
Apr-23	Phosphorus	(mg/L)	Monthly during discharge	1	4/04/2023				No			
Apr-23	Reactive Phosphorus	(mg/L)	Monthly during discharge	1	4/04/2023				No			
Apr-23	Selenium	(mg/L)	Monthly during discharge	1	4/04/2023				No			
Apr-23	Total Kjeldahl Nitrogen	(mg/L)	Monthly during discharge	1	4/04/2023				No			
Apr-23	Total Suspended Solids	(mg/L)	Monthly during discharge	1	4/04/2023				No	50	No	
Apr-23	Vanadium	(mg/L)	Monthly during discharge	1	4/04/2023				No			
Apr-23	Zinc	(mg/L)	Monthly during discharge	1	4/04/2023				No			

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

				Samples					Discharge	100 Percentile		
				Collected &		Lowest Sample	Mean of	<b>Highest Sample</b>	Discharge	Concentration	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	(yes/no)	Limit	(yes/no)	Comments
Apr-23	Aluminium	(mg/L)	Daily for any discharge >2 hrs						No			
Apr-23	Ammonia	(mg/L)	Daily for any discharge >2 hrs						No			
Apr-23	Arsenic (III)	(mg/L)	Daily for any discharge >2 hrs						No			
Apr-23	Arsenic (V)	(mg/L)	Daily for any discharge >2 hrs						No			
Apr-23	Cadmium	(mg/L)	Daily for any discharge >2 hrs						No			
Apr-23	Chromium (trivalent)	(mg/L)	Daily for any discharge >2 hrs						No			
Apr-23	Chromium (VI) Compounds	(mg/L)	Daily for any discharge >2 hrs						No			
Apr-23	Copper	(mg/L)	Daily for any discharge >2 hrs						No			
Apr-23	Iron	(mg/L)	Daily for any discharge >2 hrs						No			
Apr-23	Lead	(mg/L)	Daily for any discharge >2 hrs						No			
Apr-23	Manganese	(mg/L)	Daily for any discharge >2 hrs						No			No discharge from EPA Point 25 during April 2023
Apr-23	Nickel	(mg/L)	Daily for any discharge >2 hrs						No			
Apr-23	Nitrate + nitrite (oxidised nitrogen)	(mg/L)	Daily for any discharge >2 hrs						No			
Apr-23	Nitrogen	(mg/L)	Daily for any discharge >2 hrs						No			
Apr-23	pH	рН	Daily for any discharge >2 hrs						No	6.5 - 9.5	No	
Apr-23	Phosphorus	(mg/L)	Daily for any discharge >2 hrs						No			
Apr-23	Reactive Phosphorus	(mg/L)	Daily for any discharge >2 hrs						No			
Apr-23	Selenium	(mg/L)	Daily for any discharge >2 hrs						No			
Apr-23	Total Kjeldahl Nitrogen	(mg/L)	Daily for any discharge >2 hrs						No			
Apr-23	Total Suspended Solids	(mg/L)	Daily for any discharge >2 hrs						No	50	No	
Apr-23	Vanadium	(mg/L)	Daily for any discharge >2 hrs						No			
Apr-23	Zinc	(mg/L)	Daily for any discharge >2 hrs						No			

#### POINT 30 Groundwater quality monitoring bore marked and shown as EPA ID 30 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).

FOINT 30	Groundwater quality monitoring bore marked an	u shown as LFAID St	JOII THE FIAIIS ( VK857551-1 AND V	N837331-2 03	3/00/2020 LFA KL	FERENCE DOC20/4	170033 AND DOC	.20/4/0095-1).				
				Samples					99 Percentile	100 Percentile		
				Collected &		Lowest Sample	Mean of	<b>Highest Sample</b>	Concentration	Concentration	Exceedance	
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Apr-23	Aluminium	(mg/L)	Quarterly	1	4/04/2023	0.09	0.09	0.09				
Apr-23	Ammonia	(mg/L)	Quarterly	1	4/04/2023	4.1	4.1	4.1				
Apr-23	Arsenic (III)	(mg/L)	Quarterly	1	4/04/2023	0.004	0.004	0.004				
Apr-23	Arsenic (V)	(mg/L)	Quarterly	1	4/04/2023	< 0.001	< 0.001	< 0.001				
Apr-23	Cadmium	(mg/L)	Quarterly	1	4/04/2023	< 0.001	< 0.001	< 0.001				
Apr-23	Chromium (trivalent)	(mg/L)	Quarterly	1	4/04/2023	< 0.005	<0.005	< 0.005				
Apr-23	Chromium (VI) Compounds	(mg/L)	Quarterly	1	4/04/2023	< 0.005	<0.005	< 0.005				
Apr-23	Copper	(mg/L)	Quarterly	1	4/04/2023	0.003	0.003	0.003				
Apr-23	Electrical Conductivity	(us/cm)	Quarterly	1	4/04/2023	35000	35000	35000				
Apr-23	Iron	(mg/L)	Quarterly	1	4/04/2023	82.0	82.0	82.0				Next sample scheduled for July 2023
Apr-23	Lead	(mg/L)	Quarterly	1	4/04/2023	0.002	0.002	0.002				
Apr-23	Magnesium	(mg/L)	Quarterly	1	4/04/2023	830	830	830				
Apr-23	Manganese	(mg/L)	Quarterly	1	4/04/2023	5.1	5.1	5.1				
Apr-23	Nickel	(mg/L)	Quarterly	1	4/04/2023	0.023	0.023	0.023				
Apr-23	рН	рН	Quarterly	1	4/04/2023	5.85	5.85	5.85				
Apr-23	Potassium	(mg/L)	Quarterly	1	4/04/2023	120	120	120				
Apr-23	Selenium	(mg/L)	Quarterly	1	4/04/2023	< 0.001	< 0.001	< 0.001				
Apr-23	Sodium	(mg/L)	Quarterly	1	4/04/2023	6500	6500	6500				
Apr-23	Standing Water Level	(m)	Quarterly	1	4/04/2023	3.82	3.82	3.82				
Apr-23	Vanadium	(mg/L)	Quarterly	1	4/04/2023	< 0.001	< 0.001	< 0.001				
Apr-23	Zinc	(mg/L)	Quarterly	1	4/04/2023	0.030	0.030	0.030				

POINT 31	Groundwater quality monitoring bore marked an	d shown as EPA ID 31	1 on The Plans ("VX837351-1 AND "V	X837351-2" 03	3/06/2020 EPA RE	FERENCE DOC20/4	176695 AND DO	20/476695-1).				
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 (ves/no)	Comments
Apr-23	Aluminium	(mg/L)	Quarterly	1	4/04/2023	0.10	0.10	0.10				
Apr-23	Ammonia	(mg/L)	Quarterly	1	4/04/2023	0.35	0.35	0.35				
Apr-23	Arsenic (III)	(mg/L)	Quarterly	1	4/04/2023	0.002	0.002	0.002				
Apr-23	Arsenic (V)	(mg/L)	Quarterly	1	4/04/2023	< 0.001	< 0.001	< 0.001				
Apr-23	Cadmium	(mg/L)	Quarterly	1	4/04/2023	< 0.0001	< 0.0001	< 0.0001				
Apr-23	Chromium (trivalent)	(mg/L)	Quarterly	1	4/04/2023	< 0.005	<0.005	< 0.005				
Apr-23	Chromium (VI) Compounds	(mg/L)	Quarterly	1	4/04/2023	< 0.005	<0.005	< 0.005				
Apr-23	Copper	(mg/L)	Quarterly	1	4/04/2023	0.011	0.011	0.011				
Apr-23	Electrical Conductivity	(us/cm)	Quarterly	1	4/04/2023	10000	10000	10000				
Apr-23	Iron	(mg/L)	Quarterly	1	4/04/2023	88	88	88				
Apr-23	Lead	(mg/L)	Quarterly	1	4/04/2023	0.006	0.006	0.006				Next sample scheduled for July 2023
Apr-23	Magnesium	(mg/L)	Quarterly	1	4/04/2023	260	260	260				
Apr-23	Manganese	(mg/L)	Quarterly	1	4/04/2023	1.2	1.2	1.2				
Apr-23	Nickel	(mg/L)	Quarterly	1	4/04/2023	0.030	0.030	0.030				
Apr-23	рН	рН	Quarterly	1	4/04/2023	5.82	5.82	5.82				
Apr-23	Potassium	(mg/L)	Quarterly	1	4/04/2023	18.0	18.0	18.0				
Apr-23	Selenium	(mg/L)	Quarterly	1	4/04/2023	< 0.001	< 0.001	< 0.001				
Apr-23	Sodium	(mg/L)	Quarterly	1	4/04/2023	1400	1400	1400				
Apr-23	Standing Water Level	(m)	Quarterly	1	4/04/2023	1.57	1.57	1.57				
Apr-23	Vanadium	(mg/L)	Quarterly	1	4/04/2023	0.004	0.004	0.004				
Apr-23	Zinc	(mg/L)	Quarterly	1	4/04/2023	0.92	0.92	0.92				

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

FOINT 32	Groundwater quanty monitoring bore marked an	u shown as LFA ID 32	OIL THE FIGHS ( VX837331-1 AND V	1037331-2 03	3/00/2020 LFA KL	FERENCE DOC20/4	70093 AND DOC	.20/4/0033-1).				
				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
Apr-23	Aluminium	(mg/L)	Quarterly	1	4/04/2023	0.10	0.10	0.10				
Apr-23	Ammonia	(mg/L)	Quarterly	1	4/04/2023	0.20	0.20	0.20				
Apr-23	Arsenic (III)	(mg/L)	Quarterly	1	4/04/2023	< 0.001	< 0.001	< 0.001				
Apr-23	Arsenic (V)	(mg/L)	Quarterly	1	4/04/2023	< 0.001	< 0.001	< 0.001				
Apr-23	Cadmium	(mg/L)	Quarterly	1	4/04/2023	< 0.0001	< 0.0001	< 0.0001				
Apr-23	Chromium (trivalent)	(mg/L)	Quarterly	1	4/04/2023	< 0.005	<0.005	< 0.005				
Apr-23	Chromium (VI) Compounds	(mg/L)	Quarterly	1	4/04/2023	< 0.005	<0.005	< 0.005				
Apr-23	Copper	(mg/L)	Quarterly	1	4/04/2023	0.005	0.005	0.005				
Apr-23	Electrical Conductivity	(us/cm)	Quarterly	1	4/04/2023	3300	3300	3300				
Apr-23	Iron	(mg/L)	Quarterly	1	4/04/2023	28	28	28				
Apr-23	Lead	(mg/L)	Quarterly	1	4/04/2023	0.002	0.002	0.002				Next sample scheduled for July 2023
Apr-23	Magnesium	(mg/L)	Quarterly	1	4/04/2023	42	42	42				
Apr-23	Manganese	(mg/L)	Quarterly	1	4/04/2023	0.570	0.570	0.570				
Apr-23	Nickel	(mg/L)	Quarterly	1	4/04/2023	0.014	0.014	0.014				
Apr-23	рН	рН	Quarterly	1	4/04/2023	5.40	5.40	5.40				
Apr-23	Potassium	(mg/L)	Quarterly	1	4/04/2023	28.0	28.0	28.0				
Apr-23	Selenium	(mg/L)	Quarterly	1	4/04/2023	<0.001	< 0.001	< 0.001				
Apr-23	Sodium	(mg/L)	Quarterly	1	4/04/2023	420	420	420				
Apr-23	Standing Water Level	(m)	Quarterly	1	4/04/2023	3.87	3.87	3.87				
Apr-23	Vanadium	(mg/L)	Quarterly	1	4/04/2023	0.002	0.002	0.002				
Apr-23	Zinc	(mg/L)	Quarterly	1	4/04/2023	0.054	0.054	0.054				

POINT 33	Groundwater quality monitoring bore marked an	d shown as EPA ID 33	3 on The Plans ("VX837351-1 AND "V	x837351-2" 03	8/06/2020 EPA RE	FERENCE DOC20/4	76695 AND DOC	20/476695-1).				
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
Apr-23	Aluminium	(mg/L)	Quarterly	1	4/04/2023	3.7	3.7	3.7				
Apr-23	Ammonia	(mg/L)	Quarterly	1	4/04/2023	0.27	0.27	0.27				
Apr-23	Arsenic (III)	(mg/L)	Quarterly	1	4/04/2023	< 0.001	< 0.001	< 0.001				
Apr-23	Arsenic (V)	(mg/L)	Quarterly	1	4/04/2023	< 0.001	< 0.001	< 0.001				
Apr-23	Cadmium	(mg/L)	Quarterly	1	4/04/2023	< 0.0001	< 0.0001	< 0.0001				
Apr-23	Chromium (trivalent)	(mg/L)	Quarterly	1	4/04/2023	< 0.005	< 0.005	< 0.005				
Apr-23	Chromium (VI) Compounds	(mg/L)	Quarterly	1	4/04/2023	< 0.005	< 0.005	< 0.005				
Apr-23	Copper	(mg/L)	Quarterly	1	4/04/2023	0.005	0.005	0.005				
Apr-23	Electrical Conductivity	(us/cm)	Quarterly	1	4/04/2023	52000	52000	52000				
Apr-23	Iron	(mg/L)	Quarterly	1	4/04/2023	62	62	62				Next sample scheduled for July 2023
Apr-23	Lead	(mg/L)	Quarterly	1	4/04/2023	0.007	0.007	0.007				
Apr-23	Magnesium	(mg/L)	Quarterly	1	4/04/2023	1300	1300	1300				
Apr-23	Manganese	(mg/L)	Quarterly	1	4/04/2023	0.34	0.34	0.34				
Apr-23	Nickel	(mg/L)	Quarterly	1	4/04/2023	0.004	0.004	0.004				
Apr-23	рН	рН	Quarterly	1	4/04/2023	6.51	6.51	6.51				
Apr-23	Potassium	(mg/L)	Quarterly	1	4/04/2023	400	400	400				
Apr-23	Selenium	(mg/L)	Quarterly	1	4/04/2023	0.001	0.001	0.001				
Apr-23	Sodium	(mg/L)	Quarterly	1	4/04/2023	11000	11000	11000				
Apr-23	Standing Water Level	(m)	Quarterly	1	4/04/2023	0.47	0.47	0.47				
Apr-23	Vanadium	(mg/L)	Quarterly	1	4/04/2023	0.017	0.017	0.017				
Apr-23	Zinc	(mg/L)	Quarterly	1	4/04/2023	0.026	0.026	0.026				

#### DOINT 24 Cround

MonthPollutantUnit of MeasureSample/Measurement Frequency Andpe: 3Ange: 3Lowest SampleMean of Sample/Highest SampleNo Percentration ConcentrationExceedance (with)ExceedanceApp: 3Aluminu(mg/L)Quarterly14/04/20235.00	1011134	Groundwater quanty monitoring bore marked and			Complete US	,00,2020 EI A KE	ENERCE DOCEO/4	///////////////////////////////////////	1.20,4700000 1,.		100 Demonstile		
NorthPollutantUnit of MeasureSample/Measurement FrequencyAnalyse ODecise SampleWalkeSample ConcentrationConcentrationExceeding $Apr-23$ Aluminium(mg/1)Quarterly1 $4/04/2023$ 5.005.005.006.006.006.00 $Apr-23$ Annonia(mg/1)Quarterly1 $4/04/2023$ 0.0150.0150.0156.006.006.00 $Apr-23$ Arsenic (III)(mg/1)Quarterly1 $4/04/2023$ 0.0010.0016.0006.006.006.00 $Apr-23$ Arsenic (V)(mg/1)Quarterly1 $4/04/2023$ 0.00010.00016.00016.0006.0006.000 $Apr-23$ Chromium (trikelnt)(mg/1)Quarterly1 $4/04/2023$ 0.0050.0056.0056.006.006.000 $Apr-23$ Chromium (V) Compounds(mg/1)Quarterly1 $4/04/2023$ 0.0050.0056.0056.006.006.00 $Apr-23$ Chromium (V) Compounds(mg/1)Quarterly1 $4/04/2023$ 7.607.606.006.006.006.006.006.00 $Apr-23$ Icerta Conductivity(mg/1)Quarterly1 $4/04/2023$ 7.607.606.006					Samples					99 Percentile	100 Percentile	_	
MonthPollutantUnit of MeasureSample/Measurent FrequencyAnalyzedDate SampleValueLimit<					Collected &		Lowest Sample	Mean of	Highest Sample	Concentration	Concentration	Exceedance	
Apr.23Aluminum(mg/L)Quarterly1 $4/04/2023$ $5.00$ <	Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Analysed	Date Sampled	Value	Samples	Value	Limit	Limit	(yes/no)	Comments
Apr-23Amonia(mg/L)Quarterly1 $4/04/203$ 0.0150.0150.0150.016Image: Constraint of the co	Apr-23	Aluminium	(mg/L)	Quarterly	1	4/04/2023	5.00	5.00	5.00				
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Apr-23	Ammonia	(mg/L)	Quarterly	1	4/04/2023	0.015	0.015	0.015				
Apr.23Arsenic (V)(mg/L)Quarterly1 $4/04/2023$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.001$ $< 0.$	Apr-23	Arsenic (III)	(mg/L)	Quarterly	1	4/04/2023	< 0.001	< 0.001	< 0.001				
Apr-23Cadmium(mg/L)Quarterly1 $4/04/2023$ <0.0001<0.0001<0.0001<0.0001<0.0001<0.0001<0.0001<0.0001<0.0001<0.0001<0.0001<0.0001<0.0001<0.0001<0.0001<0.0001<0.0001<0.0001<0.0001<0.0001<0.0001<0.0001<0.0001<0.0001<0.0001<0.0001<0.0001<0.0001<0.0001<0.0001<0.0001<0.0001<0.0001<0.0001<0.0001<0.0001<0.0001<0.0001<0.0001<0.0001<0.0001<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011<0.0011 <th< td=""><td>Apr-23</td><td>Arsenic (V)</td><td>(mg/L)</td><td>Quarterly</td><td>1</td><td>4/04/2023</td><td>&lt; 0.001</td><td>&lt; 0.001</td><td>&lt; 0.001</td><td></td><td></td><td></td><td></td></th<>	Apr-23	Arsenic (V)	(mg/L)	Quarterly	1	4/04/2023	< 0.001	< 0.001	< 0.001				
Apr-3Chromium (trivialent)(mg/l)Quarterly1 $4/04/2023$ <0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0.005<0	Apr-23	Cadmium	(mg/L)	Quarterly	1	4/04/2023	< 0.0001	< 0.0001	< 0.0001				
Apr-23Chronium (Vi) Compounds(mg/L)Quarterly1 $4/04/2023$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ $< 0.005$ </td <td>Apr-23</td> <td>Chromium (trivalent)</td> <td>(mg/L)</td> <td>Quarterly</td> <td>1</td> <td>4/04/2023</td> <td>&lt;0.005</td> <td>&lt;0.005</td> <td>&lt; 0.005</td> <td></td> <td></td> <td></td> <td></td>	Apr-23	Chromium (trivalent)	(mg/L)	Quarterly	1	4/04/2023	<0.005	<0.005	< 0.005				
Apr-33Coper(mg/L)Quarterly1 $4/04/203$ 0.0150.0170.0170.0170.0170.0170.0170.0170.0170.0170.0100.0100.0100.0100.0100.0100.0100.0100.0100.0100.0100.011<	Apr-23	Chromium (VI) Compounds	(mg/L)	Quarterly	1	4/04/2023	<0.005	<0.005	< 0.005				
Apr-23Electrical Conductivity(us/cm)Quarterly1 $4/04/2023$ 760 <t< td=""><td>Apr-23</td><td>Copper</td><td>(mg/L)</td><td>Quarterly</td><td>1</td><td>4/04/2023</td><td>0.015</td><td>0.015</td><td>0.015</td><td></td><td></td><td></td><td></td></t<>	Apr-23	Copper	(mg/L)	Quarterly	1	4/04/2023	0.015	0.015	0.015				
Apr-23Iron(mg/L)Quarterly1 $4/04/2023$ 888880Next sample scheduled for July 2023Apr-23Lead(mg/L)Quarterly1 $4/04/2023$ 0.0100.0100.0100.01000Apr-23Magnesium(mg/L)Quarterly1 $4/04/2023$ 0.0100.0100.010000Apr-23Magnese(mg/L)Quarterly1 $4/04/2023$ 0.0780.0780.0780.078000Apr-23Nickel(mg/L)Quarterly1 $4/04/2023$ 0.0070.0070.0070000Apr-23PHPHQuarterly1 $4/04/2023$ 0.0070.0070.0070000Apr-23Plassium(mg/L)Quarterly1 $4/04/2023$ 3330000Apr-23Selenium(mg/L)Quarterly1 $4/04/2023$ 0.0010.0010.0010000Apr-23Sodimy Mater Level(mg/L)Quarterly1 $4/04/2023$ 0.0010.0010.0010000Apr-23Staning Water Level(mg/L)Quarterly1 $4/04/2023$ 0.0210.0210.0210000Apr-23Staning Water Level(mg/L)Quarterly1 $4/04/2023$ 0.0210.0210.021000<	Apr-23	Electrical Conductivity	(us/cm)	Quarterly	1	4/04/2023	760	760	760				
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Apr-23	Iron	(mg/L)	Quarterly	1	4/04/2023	8	8	8				Next sample scheduled for July 2023
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Apr-23	Lead	(mg/L)	Quarterly	1	4/04/2023	0.010	0.010	0.010				
	Apr-23	Magnesium	(mg/L)	Quarterly	1	4/04/2023	10	10	10				
Apr-23 Nickel (mg/L) Quarterly 1 4/04/2023 0.007 0.001	Apr-23	Manganese	(mg/L)	Quarterly	1	4/04/2023	0.078	0.078	0.078				
Apr-23 PH Quarterly 1 4/04/2023 6.20	Apr-23	Nickel	(mg/L)	Quarterly	1	4/04/2023	0.007	0.007	0.007				
Apr-23 Potassium (mg/L) Quarterly 1 4/04/2023 3 3 3 9 (mg/L) Quarterly 1 4/04/2023 3	Apr-23	рН	рН	Quarterly	1	4/04/2023	6.20	6.20	6.20				
Apr-23 Selenium (mg/L) Quarterly 1 4/04/2023 0.001	Apr-23	Potassium	(mg/L)	Quarterly	1	4/04/2023	3	3	3				
Apr-23 Sodium (mg/L) Quarterly 1 4/04/2023 110 110 110 (mg/L) (mg/L) Quarterly 1 4/04/2023 0.52 0.52 0.52 0.52 0.52 0.51 (mg/L) (mg/L) Quarterly 1 4/04/2023 0.041 0.041 0.041 (mg/L) (mg/L) (mg/L) Quarterly 1 4/04/2023 0.041 0.041 0.041 (mg/L)	Apr-23	Selenium	(mg/L)	Quarterly	1	4/04/2023	0.001	0.001	0.001				
Apr-23 Standing Water Level (m) Quarterly 1 4/04/2023 0.52 0.52 0.52 0 (m)   Apr-23 Vanadium (mg/L) Quarterly 1 4/04/2023 0.041 0.041 0.041 0 (m)	Apr-23	Sodium	(mg/L)	Quarterly	1	4/04/2023	110	110	110				
Apr-23 Vanadium (mg/L) Quarterly 1 4/04/2023 0.041 0.041 0.041 0.041	Apr-23	Standing Water Level	(m)	Quarterly	1	4/04/2023	0.52	0.52	0.52				
	Apr-23	Vanadium	(mg/L)	Quarterly	1	4/04/2023	0.041	0.041	0.041				
Apr-23 Zinc (mg/L) Quarterly 1 4/04/2023 0.024 0.024 0.024 0.024	Apr-23	Zinc	(mg/L)	Quarterly	1	4/04/2023	0.024	0.024	0.024				

GENERAL COMMENTS Unit 5 was out of service for the entire month of April 2023 for planned maintenance works.