

November 29, 2022

Manager of Licensing  
Nunavut Water Board  
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Resource Management Officer, CIRNAC  
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P.O. Box 100  
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**RE: Water Licence 2AM-MRY1325 Monthly Surveillance Network Program (SNP) Report  
October 2022**

The following is the monthly report for October 2022 as required under Part I, Item 21 of the Type 'A' Water Licence 2AM-MRY1325 (the Licence) which states:

*"The Licensee shall submit to the Board, within thirty (30) days following the month being reported, a Monthly Monitoring Report. The Report shall include:*

- a) All data and information required by this Part and generated by the Monitoring Program in the tables of Schedule I*
- b) An assessment of data to identify areas of non-compliance with regulated discharge parameters referred to in Part F"*

**Monitoring Program**

During the month of October 2022, water samples were collected as part of the Surveillance Network Program (SNP).

Table 1.1 presents a list of samples/monitoring required under the Licence and the details concerning which water quality samples were collected along with sample dates and laboratory identification numbers, as appropriate. Analytical water quality testing results are presented in Tables 2.1 through 2.5. Table 3.1 presents water volumes consumed for domestic and industrial water purposes as well as select volumes of effluent and waste discharged and/or disposed at the Mary River Mine Site and Milne Port during October 2022.

**Monitoring Program Results**

*Water Sampling and Analysis Results*

Tables 2.1 through 2.5 provide the analytical results related to the SNP sampling requirements.

In October 2022, there was one exceedance of applicable water quality criteria observed at effluent monitoring station MS-01B. On October 12, fecal coliforms measured 1440 CFU/100 mL; exceeding the stipulated criteria for the MS-01B monitoring station of 1000 CFU/100 mL for fecal coliforms in a grab sample. The cause of the exceedance could not be determined; however, it likely resulted from cross contamination during sample collection or at the external laboratory. As a precaution, MS-01B sample equipment was cleaned and sample tubing was replaced. In addition, parts of the UV disinfection system were replaced. MS-01B was resampled on October 31 and the laboratory result indicated zero fecal coliforms present in the effluent sample. There were no other exceedances of applicable water quality criteria observed at monitoring stations during October 2022.

Samples taken at the previously established seepage monitoring point from MS-11 are labeled as KM105-SWMP-SEEP-01 for reporting purposes only.

#### *Flow and Volume Measurements*

Table 3.1 provides a breakdown of volume measurements for October 2022 as required by Part I, Item 9 of the Licence. There were no exceedances of the source specific daily volume withdrawal limits in October 2022.

We trust that the information provided in this monthly report is acceptable and should you have any questions regarding this report please contact the undersigned.

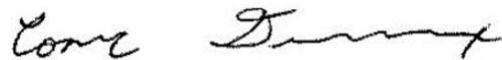
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#### **Attachments**

Attachments – Monthly Water Sampling Results: Table 1.1, Tables 2.1 – 2.5, Table 3.1

## **Attachments**

### **Monthly Water Sampling Results**

**Table 1.1: Monitoring Program Water Sampling Summary for October 2022**

Monitoring Program Station	Sampling Date	Lab ID Number	Comment
<b>Milne Port</b>			
MP-01 (Sewage Treatment Facility)	2022-10-11	L2736567-1	Discharge volume recorded daily.
MP-01A (Polishing Waste Stabilization Pond)	NA	NA	No discharge.
MP-01B (Sewage Treatment Facility)	2022-10-11	L2736574-1	Discharge volume recorded daily.
MP-MRY-2 (Freshwater Intake at Phillips Creek)	NA	NA	No water withdrawal.
MP-MRY-3 (Freshwater Intake from Km 32 Lake)	NA	NA	Withdrawal volume recorded daily.
MP-02 (Milne Port Maintenance Shop)	NA	NA	No discharge.
MP-03 (Bulk Fuel Storage Facility Stormwater)	NA	NA	No discharge.
MP-04 (Treated Oily Water from Milne Port Landfarm Facility to Tundra)	NA	NA	No discharge.
MP-04A (Treated Oily Water from Milne Port Snow dump Facility to Tundra)	NA	NA	No discharge.
MP-05 Ore Stockpile Sedimentation Pond (East)	NA	NA	No discharge.
MP-06 Ore Stockpile Sedimentation Pond (West)	NA	NA	No discharge.
MP-C-A (Downstream of Construction Area)	NA	NA	No flow.
MP-C-B (Downstream of Construction Area)	NA	NA	No flow.
MP-C-D (Downstream of Construction Area)	NA	NA	No flow.
MP-C-E (Downstream of Construction Area)	NA	NA	No flow.
MP-C-F (Downstream of Construction Area)	NA	NA	No flow.

Monitoring Program Station	Sampling Date	Lab ID Number	Comment
MP-C-H (Downstream of Construction Area)	NA	NA	No flow.
MP-C-J (Downstream of Construction Area)	NA	NA	No flow.
MP-C-K (Downstream of Construction Area)	NA	NA	No flow.
MP-Q1-01 (Downstream of Q1 Quarry)	NA	NA	No flow.
MP-Q1-02 (Downstream of Q1 Quarry)	NA	NA	No flow.
<b>Mary River Mine Site</b>			
MS-01 (Sewage Treatment Facility)	2022-10-12	L2736757-1	Discharge volume recorded daily.
MS-01A (Mine Site Polishing Waste Stabilization Pond)	N/A	N/A	Facility not constructed.
MS-01B (Sewage Treatment Facility)	2022-10-12 2022-10-31	L2736759-1 L2738929-1	Discharge volume recorded daily.
MS-02 (Mine Site Maintenance Shop)	N/A	N/A	No discharge.
MS-MRY-1 (Freshwater Intake Camp Lake)	N/A	N/A	Withdrawal volume recorded daily.
MS-MRY-04A (Polishing Waste Stabilization Pond)	N/A	N/A	No discharge.
MS-MRY-04B (Polishing Waste Stabilization Pond)	N/A	N/A	No discharge.
MS-MRY-04C (Polishing Waste Stabilization Pond)	N/A	N/A	No discharge.
MS-03 (Mine Site Bulk Fuel Storage Facility Stormwater)	N/A	N/A	No discharge.
MS-03B (Mine Site Bulk Fuel Storage Facility Stormwater)	N/A	N/A	No discharge.
MS-04 (Mine Site Fuel Unloading Station Stormwater)	N/A	N/A	No discharge.
MS-05 (Mine Site Landfarm Facility)	N/A	N/A	No discharge.
MS-06 (Ore Stockpile Pond Stormwater)	N/A	N/A	No discharge.

Monitoring Program Station	Sampling Date	Lab ID Number	Comment
MS-07 (Run of Mine Ore Stockpile Pond Stormwater)	NA	NA	No discharge.
MS-08 (Mine Waste Rock Stockpile Pond)	NA	NA	No discharge
MS-09 (Waste Rock Stockpile East Pond)	N/A	N/A	No discharge.
MS-10 (SDLT-1 Pond Ore Stockpile Stormwater)	N/A	N/A	No discharge.
MS-11 (KM105 Pond Stormwater)	2022-10-01	L2735184-1	Discharge volume calculated daily from October 1 to October 3.
MS-12 (Weatherhaven Camp Stormwater)	N/A	N/A	Facility not constructed.
MS-13 (Explosives Magazine Pond)	N/A	N/A	Facility not constructed.
MS-14 (Quarry QMR2 Pond/Sump)	N/A	N/A	Facility not constructed.
MS-MRY-6 (Exploration Camp Bulk Fuel Storage Facility Stormwater)	N/A	N/A	No discharge.
MS-MRY-09 (Deposit 1 Surface Water Drainage)	N/A	N/A	No flow.
MS-MRY-10 (Deposit 1 Surface Water Drainage)	N/A	N/A	No flow.
MS-MRY-13A (Downstream Non-Hazardous Landfill)	N/A	N/A	No flow.
MS-MRY-13B (Downstream Non-Hazardous Landfill)	N/A	N/A	No flow.
MS-C-A (Downstream of Construction and Borrow Areas)	N/A	N/A	No flow.
MS-C-B (Downstream of Construction and Borrow Areas)	N/A	N/A	No flow.
MS-C-C (Downstream of Construction and Borrow Areas)	N/A	N/A	No flow.

Monitoring Program Station	Sampling Date	Lab ID Number	Comment
MS-C-D (Downstream of Construction and Borrow Areas)	N/A	N/A	No flow.
MS-C-E (Downstream of Construction and Borrow Areas)	N/A	N/A	No flow.
MS-C-F (Downstream of Construction and Borrow Areas)	N/A	N/A	No flow.
MS-C-G (Downstream of Construction and Borrow Areas)	N/A	N/A	No flow.
MS-C-H (Downstream of Construction and Borrow Areas)	N/A	N/A	No flow.
MQ-C-A (Downstream of QMR2 Quarry)	N/A	N/A	No flow.
MQ-C-B (Downstream of QMR2 Quarry)	N/A	N/A	No flow.
MQ-C-D (Downstream of QMR2 Quarry)	N/A	N/A	No flow.
<b>Steensby Port</b>			
Steensby Exploration Camp is presently inactive.	N/A	N/A	N/A

**Table 2.1: Water Quality Results for Water Licence Monitoring Location - MP-01**

Analyte	Sample ID			MP-01_2022-10-11
	ALS Laboratory Sample ID			L2736567-1
	Sample Date & Time			2022-10-11 13:10
	QA/QC Sample Type			N/A
	Units	LOR	Criteria <sup>1</sup>	
pH	pH units	0.10	6.0 - 9.5	8.03
Total Suspended Solids	mg/L	1.0	120	<1.0
Ammonia, Total (as N)	mg/L	0.010	-	0.063
Total Kjeldahl Nitrogen	mg/L	0.050	-	1.10
Phosphorus, Total	mg/L	0.060	-	10.9
Fecal Coliforms	CFU/100 mL	-	10,000	0
BOD	mg/L	2.0	100	<2.0
Oil and Grease, Total	mg/L	5.0	-	<5.0
	-	-	No Visible Sheen	No Visible Sheen
Toxicity	-	-	Not Acutely Toxic	-

**Notes:**

Bold highlight indicates result that exceeded the applicable water quality criteria.

<sup>1</sup> Type A Water Licence (2AM-MRY1325 - Amend. 1) - Table 5: Effluent Quality Discharge Limits for Sewage Treatment Facilities to the Ocean

**Table 2.2: Water Quality Results for Water Licence Monitoring Location - MP-01B**

Analyte	Sample ID			MP-01B_2022-10-11
	ALS Laboratory Sample ID			L2736574-1
	Sample Date & Time			2022-10-11 13:40
	QA/QC Sample Type			N/A
	Units	LOR	Criteria <sup>1</sup>	
pH	pH units	0.10	6.0 - 9.5	8.19
Total Suspended Solids	mg/L	1.0	120	<1.0
Ammonia, Total (as N)	mg/L	0.010	-	0.071
Total Kjeldahl Nitrogen	mg/L	0.05	-	1.08
Phosphorus, Total	mg/L	0.030	-	4.49
Fecal Coliforms	CFU/100 mL	-	10,000	>200 <sup>2</sup>
BOD	mg/L	2.0	100	<2.0
Oil and Grease, Total	mg/L	5.0	-	<5.0
	-	-	No Visible Sheen	No Visible Sheen
Toxicity	-	-	Not Acutely Toxic	-

**Notes:**

Bold highlight indicates result that exceeded the applicable water quality criteria.

<sup>1</sup> Type A Water Licence (2AM-MRY1325 - Amend. 1) - Table 5: Effluent Quality Discharge Limits for Sewage Treatment Facilities to the Ocean

<sup>2</sup> The October 11, 2022 sample collected at MP-01B indicates that Fecal Coliforms were present in the sample at a concentration of >200 CFU/100 mL; however, due to overgrowth with non-target bacteria, the laboratory was unable to determine the distinct Fecal Coliforms count. This indicates likely a generic bacterial contamination at the laboratory made it impossible to accurately count the analysis plate.

**Table 2.3: Water Quality Results for Water Licence Monitoring Location - MS-01**

Analyte	Sample ID			MS-01
	ALS Laboratory Sample ID			L2736757-1
	Sample Date & Time			2022-10-12 14:45
	QA/QC Sample Type			N/A
	Units	LOR	Criteria <sup>1</sup>	
pH	pH units	0.10	6.0 - 9.5	7.34
Total Suspended Solids	mg/L	5.0	35	10.5
Ammonia, Total (as N)	mg/L	0.010	4.0	0.32
Total Kjeldahl Nitrogen	mg/L	0.050	-	0.476
Phosphorus, Total	mg/L	0.0030	4.0	0.607
Fecal Coliforms	CFU/100 mL	0.0	1,000	0
BOD	mg/L	2.0	30	<2.0
Oil and Grease, Total	mg/L	5.0	-	<5.0
	-	-	No Visible Sheen	No Visible Sheen
Toxicity	-	-	Not Acutely Toxic	-

**Notes:**

Bold highlight indicates result that exceeded the applicable water quality criteria.

<sup>1</sup> Type A Water Licence (2AM-MRY1325 - Amend. 1) - Table 4: Effluent Quality Discharge Limits for Sewage Treatment Facilities to Freshwater Receiving Environment

**Table 2.4: Water Quality Results for Water Licence Monitoring Location - MS-01B**

Analyte	Sample ID			MS-01B	MS-01B
	ALS Laboratory Sample ID			L2736759-1	L2738929-1
	Sample Date & Time			2022-10-12 15:00	2022-10-31 18:00
	QA/QC Sample Type			N/A	N/A
	Units	LOR	Criteria <sup>1</sup>		
pH	pH units	0.10	6.0 - 9.5	8.13	8.32
Total Suspended Solids	mg/L	1.0	35	12.9	1
Ammonia, Total (as N)	mg/L	0.010	4.0	0.096	0.245
Total Kjeldahl Nitrogen	mg/L	0.050	-	1.84	1.12
Phosphorus, Total	mg/L	0.0030	4.0	3.12	0.816
Fecal Coliforms	CFU/100 mL	0.0	1,000	<b>1440</b>	0
BOD	mg/L	2.0	30	4.8	<2.0
Oil and Grease, Total	mg/L	5.0	-	<5.0	<5.0
	-	-	No Visible Sheen	No Visible Sheen	No Visible Sheen
Toxicity	-	-	Not Acutely Toxic	-	-

**Notes:**

Bold highlight indicates result that exceeded the applicable water quality criteria.

<sup>1</sup> Type A Water Licence (2AM-MRY1325 - Amend. 1) - Table 4: Effluent Quality Discharge Limits for Sewage Treatment Facilities to Freshwater Receiving Environment

**Table 2.5: Water Quality Results for Water Licence Monitoring Location - MS-11**

Analyte	Sample ID			KM105-SWMP- SEEP01_2022-10-01
	ALS Laboratory Sample ID			L2735184-1
	Sample Date & Time			2022-10-01 9:35
	QA/QC Sample Type			N/A
	Units	LOR	Criteria <sup>1</sup>	
Hardness (as CaCO <sub>3</sub> )	mg/L	0.50	-	263.0
pH	pH units	0.10	6.0 - 9.5	7.71
Total Suspended Solids	mg/L	2.0	15	<2.0
Total Dissolved Solids	mg/L	10	-	336.0
Turbidity	NTU	0.10	-	1.17
Alkalinity, Total (as CaCO <sub>3</sub> )	mg/L	1.0	-	128.0
Ammonia, Total (as N)	mg/L	0.010	-	0.019
Chloride (Cl)	mg/L	0.50	-	42.6
Fluoride (F)	mg/L	0.020	-	0.117
Nitrate (as N)	mg/L	0.020	-	1.77
Total Kjeldahl Nitrogen	mg/L	0.050	-	0.194
Phosphorus, Total	mg/L	0.0030	-	<0.0030
Sulfate (SO <sub>4</sub> )	mg/L	0.30	-	78.4
Dissolved Organic Carbon	mg/L	0.50	-	2.03
Total Organic Carbon	mg/L	0.50	-	1.76
Aluminum (Al)-Total	mg/L	0.0050	-	0.0356
Arsenic (As)-Total	mg/L	0.00010	0.50	0.00011
Cadmium (Cd)-Total	mg/L	0.0000050	-	0.0000887
Calcium (Ca)-Total	mg/L	0.050	-	59.9
Copper (Cu)-Total	mg/L	0.00050	0.30	0.00204
Iron (Fe)-Total	mg/L	0.010	-	0.044
Lead (Pb)-Total	mg/L	0.000050	0.20	0.000054
Magnesium (Mg)-Total	mg/L	0.0050	-	30.5
Manganese (Mn)-Total	mg/L	0.00050	-	0.00891
Mercury (Hg)-Total	mg/L	0.0000050	-	<0.0000050
Molybdenum (Mo)-Total	mg/L	0.000050	-	0.0213
Nickel (Ni)-Total	mg/L	0.00050	0.50	0.00103
Potassium (K)-Total	mg/L	0.050	-	7.40
Selenium (Se)-Total	mg/L	0.000050	-	0.000299
Sodium (Na)-Total	mg/L	0.050	-	5.27
Thallium (Tl)-Total	mg/L	0.000010	-	0.000017
Uranium (U)-Total	mg/L	0.000010	-	0.0287
Zinc (Zn)-Total	mg/L	0.0030	0.50	<0.0030
Aluminum (Al)-Dissolved	mg/L	0.0050	-	0.0056
Arsenic (As)-Dissolved	mg/L	0.00010	-	<0.00010
Cadmium (Cd)-Dissolved	mg/L	0.0000050	-	0.0000817
Calcium (Ca)-Dissolved	mg/L	0.050	-	55.2
Copper (Cu)-Dissolved	mg/L	0.00020	-	0.00194
Iron (Fe)-Dissolved	mg/L	0.010	-	<0.010
Lead (Pb)-Dissolved	mg/L	0.000050	-	<0.000050
Magnesium (Mg)-Dissolved	mg/L	0.0050	-	30.3
Manganese (Mn)-Dissolved	mg/L	0.00050	-	0.00829
Mercury (Hg)-Dissolved	mg/L	0.0000050	-	<0.0000050
Molybdenum (Mo)-Dissolved	mg/L	0.000050	-	0.0193
Nickel (Ni)-Dissolved	mg/L	0.00050	-	0.00093
Potassium (K)-Dissolved	mg/L	0.050	-	7.06
Selenium (Se)-Dissolved	mg/L	0.000050	-	0.000324
Sodium (Na)-Dissolved	mg/L	0.050	-	5.00
Thallium (Tl)-Dissolved	mg/L	0.000010	-	0.000014
Uranium (U)-Dissolved	mg/L	0.000010	-	0.0253
Zinc (Zn)-Dissolved	mg/L	0.0010	-	<0.0010
Oil and Grease	-	-	No Visible Sheen	No Visible Sheen
Acute Toxicity	-	-	Not Acutely Toxic	-

**Notes:**

Bold highlight indicate results that exceeded the applicable water quality criteria.

<sup>1</sup>Type A Water Licence (2AM-MRY1325 - Amend. 1) - Table 10: Effluent Quality Discharge Limits for Open Pit, Stockpiles and Sedimentation Ponds

Table 3.1: Flow and Volume Measurements - Part I Item 11 - October 2022

DATE	Camp Lake Freshwater for Domestic Use - Daily Water MS-MRY-1 (m³)	Camp Lake Freshwater for Industrial Use - Daily Water MS-MRY-1 (m³)	Treated Sewage Effluent from MS- 01 to Discharge Location #1 (m³)	Treated Sewage Effluent from MS- 01B to Discharge Location #1 (m³)	Sewage Sludge Removed from Mine Site WWTPs to Incinerator or Disposal Offsite by Backhaul (m³)	Sewage Sludge/Off-Spec Effluent Removed from Mine Site WWTPs to PWSP at Mine Site (m³)	Sewage Sludge Removed from Lift Stations to PWSP at Mine Site (m³)	Km 32 Lake Milne Port Camp Daily Water Use for Domestic Purposes MP- MRY-3 (m³)	Km 32 Lake Milne Port Camp Daily Water Use for Industrial Purposes MP- MRY-3 (m³)	Treated Sewage Effluent from MP-01 to Milne Inlet (m³)	Treated Sewage Effluent from MP-01B to Milne Inlet (m³)	Sewage Sludge Removed from Milne Port WWTPs to Incinerator or Disposal Offsite by Backhaul (m³)	Sewage Sludge Removed from Lift Stations to PWSP at Milne Port (m³)	Sludge Removed from Milne Port WWTPs/WTPs to PWSP at Milne Port (m³)	Water Use for Dust Suppression from Authorized Sources (m³) <sup>1</sup>	Treated Sewage Effluent from PWSP MP-01A to Milne Inlet (MP-01A) (m³)	Effluent Discharge from Mine Site Crusher Pad Sedimentation Pond (MS-06) (m³)	Effluent Discharge from Mine Site Run of Mine Ore Stockpile Pond Stormwater (MS-07) (m³)	Effluent Discharge from Mine Site Waste Rock Stockpile Pond (MS-08) (m³)	Effluent Discharge from KM105 Surface Water Management Pond (MS-11) (m³)	Effluent Discharge from Milne Port Ore Stockpile Sedimentation Pond (East) to Milne Inlet (MP-05) (m³)	Effluent Discharge from Milne Port Ore Stockpile Sedimentation Pond (West) to Milne Inlet (MP-06) (m³)	Treated Sewage Effluent from PWSP to Sheardown Lake (MS-MRY-4B) (m³)	Treated Oily Water from Exploration Camp Bulk Fuel Storage Facility to Tundra (MS-MRY-6) (m³)	Treated Oily Water from Milne Port Snowdump Facility to Tundra (MP-04A) (m³)	Effluent Discharge from Milne Port Bulk Fuel Tank Farm Facility to Milne Inlet (MP-03) (m³)	Effluent Discharge from Milne Port Landfarm Facility to Tundra (MP-04) (m³)	Effluent Discharge from Milne Site Bulk Fuel Storage Facility Stormwater (MS-03) (m³)	Effluent Discharge from Milne Site Bulk Fuel Storage Facility Stormwater (MS-03B) (m³)		
1-Oct-22	116.3	6.5	39.0	137.0	0.7	0.0	0.0	51.7	0.0	20.0	34.9	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	419.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2-Oct-22	99.4	3.0	36.0	143.1	1.0	0.0	0.0	49.8	0.0	23.0	30.5	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	279.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3-Oct-22	118.0	15.2	35.0	149.8	0.5	2.0	0.0	53.1	2.0	20.0	30.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	139.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4-Oct-22	102.6	6.5	34.0	153.3	0.5	0.0	0.0	51.5	0.0	20.0	37.3	1.4	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5-Oct-22	132.6	10.3	34.0	150.2	0.6	0.0	0.0	62.0	0.0	25.0	39.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6-Oct-22	108.4	3.0	34.0	142.4	0.5	0.0	0.0	75.2	0.0	21.0	29.4	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7-Oct-22	124.1	6.7	31.0	119.2	0.8	0.0	0.0	60.6	0.0	26.0	34.8	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8-Oct-22	108.3	4.3	25.0	125.2	0.7	0.0	0.0	68.9	0.0	25.0	22.6	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9-Oct-22	104.2	12.9	25.0	137.5	0.6	0.0	0.0	22.6	0.0	18.0	38.6	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-Oct-22	114.1	10.3	24.0	138.9	0.5	0.0	0.0	64.4	0.0	18.0	28.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11-Oct-22	121.2	8.6	16.0	137.1	0.6	0.0	0.0	48.0	0.0	25.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12-Oct-22	155.8	12.9	12.0	152.7	0.6	0.0	0.0	47.8	0.0	23.0	36.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13-Oct-22	126.6	5.3	21.0	131.2	0.6	0.0	0.0	38.7	0.0	20.0	36.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14-Oct-22	113.1	7.3	33.0	122.4	0.7	0.0	0.0	74.4	0.0	25.0	32.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15-Oct-22	100.5	18.4	25.0	130.3	0.6	0.0	0.0	36.5	0.0	25.0	18.6	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16-Oct-22	105.0	10.3	32.0	121.1	0.5	0.0	0.0	44.7	0.0	22.0	33.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17-Oct-22	121.7	19.5	30.0	117.4	0.6	0.0	0.0	65.5	0.0	17.0	29.8	1.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18-Oct-22	130.8	3.4	31.0	126.6	0.6	0.0	0.0	49.9	0.0	20.0	30.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19-Oct-22	109.1	8.4	24.0	106.5	0.4	0.0	0.0	29.4	0.0	24.0	20.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20-Oct-22	94.7	0.0	26.2	141.7	0.3	0.0	0.0	51.7	0.0	17.0	23.4	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21-Oct-22	99.6	0.0	36.0	123.3	0.3	0.0	0.0	35.2	0.0	14.0	23.2	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22-Oct-22	112.0	8.0	8.0	122.4	0.4	0.0	0.0	49.6	0.0	15.0	36.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23-Oct-22	114.9	0.0	19.0	104.1	0.6	0.0	0.0	47.0	0.0	25.0	26.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24-Oct-22	111.0	22.4	25.0	111.3	0.3	0.0	0.0	49.6	0.0	21.0	22.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25-Oct-22	103.8	15.5	32.0	150.4	0.3	0.0	0.0	33.8	0.0	17.0	27.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26-Oct-22	154.3	14.6	22.0	133.8	0.3	0.0	0.0	47.7	0.0	19.0	32.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27-Oct-22	115.6	12.9	27.0	116.2	1.1	0.0	0.0	21.6	0.0	20.0	23.5	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28-Oct-22	110.2	13.8	29.0	118.8	1.2	0.0	0.0	73.1	0.0	17.0	17.2	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29-Oct-22	127.0	12.9	12.0	112.4	0.5	5.0	0.0	41.7	0.0	20.0	27.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30-Oct-22	123.5	24.4	14.0	132.2	1.1	0.0	0.0	44.1	0.0	21.0	18.9	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31-Oct-22	101.3	4.3	22.0	114.2	1.2	0.0	0.0	39.7	0.0	24.0	18.2	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	3,579.7	301.7	813.2	4,022.7	19.4	7.0	0.0	1,529.3	2.0	647.0	898.2	35.1	0.0	4.3	0.0	0.0	0.0	0.0	0.0	838.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Notes:  
WWTP - Waste Water Treatment Plant  
PWSP - Polishing Waste Stabilization Pond