



June 29, 2019

Manager of Licensing
Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU X0B 1J0

Water Resources Officer
CIRNAC
P.O. Box 100
Iqaluit, NU X0A 0H0

RE: Water Licence 2AM-MRY1325 Monthly SNP Report – May 2019

The following is the monthly report for May 2019 as required under Part I, Item 21 of the Type 'A' Water Licence 2AM-MRY1325 (the Licence). Part I, Item 21 of the above referenced Water Licence 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 May 2019, water samples were collected as part of the Water Licence Monitoring Program.

Table 1 presents a list of samples/monitoring required under the Licence and the details concerning which water quality samples were collected along with sample date/laboratory identification number as appropriate. Analytical water quality testing results received are presented in Table 2. Volumes consumed for domestic and industrial water purposes and the volumes of effluent discharged at the Mary River Mine Site and Milne Port are presented in the attached Table 3.

Monitoring Program Results

A) Water Sampling and Analysis Results

Table 2 provides the analytical results related to the Monitoring Program sampling requirements for May 2019. There were no exceedences of the site specific daily grab or monthly average samples, with the following exceptions:

- one (1) exceedence of ammonia (9.45 mg/L, 1 May 2019) from MS-01B, which returned to within limits following the event; and
- two (2) exceedences of TSS (130 mg/L, 15 May 2019; 78.4 mg/L, 27 May 2019) from MQ-C-B, and one (1) exceedence of TSS (47.6 mg/L, 20 May 2019) from MQ-C-D; all of which returned to within limits following the last event after additional mitigation measures were implemented to address elevated TSS concentrations.

B) Flow and Volume Measurements

Table 3 provides a breakdown of volume measurements as required by Part I, Item 9 of the Licence for May 2019. There were no exceedences of the source specific daily volume withdrawal limits, with the exception of one (1) exceedence (218.3 m³, 8 May 2019) of the daily domestic use for Camp Lake water source at the Mine Site (203.8 m³). Water withdrawal volumes returned to within limits following the last event.

We trust that the information provided in this monthly report is acceptable and should you have any questions regarding this report please contact myself, Connor Devereaux (ext. 6016), or Timothy Ray Sewell at 416.364.8820 ext. 6054.

Regards,

William Bowden
Environmental Superintendent

Reviewed by:

Christopher Murray
Environmental & Regulatory Compliance Manager

Attach: Tables 1, 2, and 3

Cc: Jeremy Fraser, Justin Hack (CIRNAC); Megan Lord-Hoyle, Lou Kamermans, Timothy Ray Sewell, Shawn Stevens, Sylvain Proulx, Gerald Rogers, Francois Gaudrau, Connor Devereaux (Baffinland); Jared Ottenhof, Chris Spencer (QIA)

Table 1: Monitoring Program Water Sampling Summary for May 2019

Monitoring Program Station	Sampling Date	Lab ID#	Comment
Milne Port			
MP-01 (Sewage Treatment Facility)	2019-05-01	L2267056-1	Volume reported daily during discharge
MP-01a (Polishing Waste Stabilization Pond)	N/A	N/A	No flow.
MP-MRY-3 (Freshwater Intake from Km 32 Lake - Winter)	N/A	N/A	No flow.
MP-MRY-04 (RBC at Exploration Camp)	N/A	N/A	No flow.
MP-03 (Bulk Fuel Storage Facility Stormwater)	N/A	N/A	No flow.
MP-04 (Landfarm Facility & Snow Containment Facility)	N/A	N/A	No flow.
MP-05 (Ore Stockpile Sedimentation Pond (East))	N/A	N/A	No flow.
MP-06 (Ore Stockpile Sedimentation Pond (West))	N/A	N/A	No flow.
MP-MRY-12 (Bulk Sample Stockpile Area Seepage)	N/A	N/A	No flow.
MP-C-A (Downstream of Construction Area)	N/A	N/A	No flow.
MP-C-B (Downstream of Construction Area)	2019-05-15 2019-05-20 2019-05-27	L2274745-4 L2275930-2 L2282753-4	
MP-C-B01 (Downstream of Construction Area)	2019-05-15 2019-05-20 2019-05-27	L2274745-3 L2275930-1 L2282753-3	
MP-C-D (Downstream of Construction Area)	N/A	N/A	No flow.
MP-C-E (Downstream of Construction Area)	N/A	N/A	No flow.
MP-C-F (Downstream of Construction Area)	N/A	N/A	No flow.
MP-C-H (Downstream of Construction Area)	2019-05-15 2019-05-27	L2274745-1 L2282753-1	
MP-C-H02 (Field Blank of MP-C-H)	2019-05-27	L2282753-2	
MP-Q1-01 (Downstream of Q1 Quarry)	2019-05-15 2019-05-20 2019-05-28	L2274745-2 L2275930-3 L2282753-8	

Monitoring Program Station	Sampling Date	Lab ID#	Comment
MP-Q1-0101 (Field Duplicate of MP-Q1-01)	2019-05-20	L2275930-4	
MP-Q1-02 (Downstream of Q1 Quarry)	N/A	N/A	No flow.
Mary River Mine Site			
MS-01 (Sewage Treatment Facility)	2019-05-01	L2267065-1	Discharge volume reported daily
MS-01b (Sewage Treatment Facility)	2019-05-01 2019-05-15	L2267060-1 L2274869-1	Discharge volume reported daily
MS-MRY-1 (Freshwater Intake Camp Lake)	N/A	N/A	No flow.
MS-MRY-04a	N/A	N/A	No flow.
MS-MRY-04b	N/A	N/A	No flow.
MS-MRY-04c	N/A	N/A	No flow.
MS-03 (Milne Site Bulk Fuel Storage Facility Stormwater)	N/A	N/A	No flow.
MS-06 (Ore Stockpile Pond Stormwater)	N/A	N/A	No flow.
MS-08 (Mine Waste Rock Stockpile pond)	N/A	N/A	No flow.
MS-MRY-6 (Exploration Camp Bladder Farm Stormwater)	N/A	N/A	No flow.
MS-MRY-09 (Bulk Sample Pit)	N/A	N/A	No flow.
MS-MRY-10 (Weathered Ore Bulk Sample Stockpile)	N/A	N/A	No flow.
MS-MRY-11 (Processing Bulk Sample Stockpile)	N/A	N/A	No flow.
MS-MRY-13A (Downstream Non-Hazardous Landfill)	2019-05-15 2019-05-20 2019-05-27	L2282031-11 L2275986-12 L2282031-2	
MS-MRY-13B (Downstream Non-Hazardous Landfill)	2019-05-15 2019-05-20 2019-05-27	L2282031-1 L2275986-11 L2282031-1	
MS-C-A (Downstream of Construction and Borrow Areas)	2019-05-15 2019-05-20 2019-05-27	L2276031-4 L2275986-4 L2282031-8	
MS-C-A03 (Travel Blank of MS-C-A)	2019-05-20	L2275986-5	
MS-C-B (Downstream of Construction and Borrow Areas)	2019-05-15 2019-05-20 2019-05-27	L2276031-5 L2275986-6 L2282031-9	
MS-C-C (Downstream of Construction and Borrow Areas)	2019-05-15 2019-05-20 2019-05-27	L2276031-9 L2275986-10 L2282031-12	
MS-C-D (Downstream of Construction and Borrow Areas)	2019-05-15 2019-05-20	L2276031-8 L2275986-9	

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Monitoring Program Station	Sampling Date	Lab ID#	Comment
MS-C-E (Downstream of Construction and Borrow Areas)	2019-05-15 2019-05-20 2019-05-27	L2276031-7 L2275986-8 L2282031-11	
MS-C-F (Downstream of Construction and Borrow Areas)	2019-05-15 2019-05-20 2019-05-27	L2276031-6 L2275986-7 L2282031-10	
MS-C-G (Downstream of Construction and Borrow Areas)	2019-05-15 2019-05-20 2019-05-28	L2276031-12 L2275986-14 L2282031-13	
MS-C-G01 (Field Duplicate of MS-C-G)	2019-05-20	L2275986-15	
MS-C-H (Downstream of Construction and Borrow Areas)	2019-05-15 2019-05-20 2019-05-28	L2276031-13 L2275986-13 L2282031-14	
MS-C-H01 (Field Duplicate of	2019-05-15	L2276031-14	
MQ-C-A (Downstream of QMR2 Quarry)	2019-05-15 2019-05-20 2019-05-27	L2274857-1 L2275986-2 L2282031-5	
MQ-C-B (Downstream of QMR2 Quarry)	2019-05-15 2019-05-20 2019-05-27	L2276031-3 L2275986-3 L2282031-6	
MQ-C-B01 (Field Duplicate of MQ-C-B)	2019-05-27	L2282031-7	
MQ-C-D (Downstream of QMR2 Quarry)	2019-05-15 2019-05-20 2019-05-27	L2276031-1 L2275986-1 L2282031-3	
MQ-C-D01 (Field Duplicate of MQ-C-D)	2019-05-15	L2276031-2	
MQ-C-D03 (Travel Blank of MQ-C-D)	2019-05-27	L2282031-4	
Steensby Port			
Steensby Exploration Camp is presently not active.	N/A	N/A	

TABLE 2.1 - WATER QUALITY RESULTS FOR WATER LICENCE MONITORING LOCATION - MP-01

Analyte	Sample ID			MP-01
	ALS Laboratory Sample ID			L2267056-1
	Sample Date & Time			2019-05-01 14:45
	QA/QC Sample Type			N/A
	Units	LOR	Water Licence Criteria ¹	
pH	pH units	0.1	6.0 - 9.5	7.5
Total Suspended Solids	mg/L	2	<120	10
Alkalinity, Total (as CaCO ₃)	mg/L	10	-	128
Ammonia, Total (as N)	mg/L	0.02	-	0.292
Total Kjeldahl Nitrogen	mg/L	0.15	-	2.52
Phosphorus, Total	mg/L	0.003	-	9.02
Fecal Coliforms	CFU/100mL	0	10,000	1
BOD	mg/L	2	100	4.3
COD	mg/L	10	-	51
Oil and Grease, Total	mg/L	2	No Visible Sheen	<2.0

Notes:

Grey and bold highlight indicate results that exceeded the applicable water quality criteria.

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

TABLE 2.6 - WATER QUALITY RESULTS FOR WATER LICENCE MONITORING LOCATION - MP-C-B

Analyte	Sample ID			MP-C-B	MP-C-B	MP-C-B
	ALS Laboratory Sample ID			L2274745-4	L2275930-2	L2282753-4
	Sample Date & Time			2019-05-15 12:05	2019-05-20 10:10	2019-05-27 9:40
	QA/QC Sample Type			N/A	N/A	N/A
	Units	LOR	Water Licence Criteria ¹			
Conductivity	umhos/cm	3	-	430	-	507
pH	pH units	0.1	6.0 - 9.5	8.07	8.17	8.08
Total Suspended Solids	mg/L	2	Grab 30 and Average 15	13.5	7.2	<2.0
Total Dissolved Solids	mg/L	10	-	213	268	319
Turbidity	NTU	0.1	-	31	15.5	6.34
Ammonia, Total (as N)	mg/L	0.02	-	1.32	-	0.348
Nitrate (as N)	mg/L	0.02	-	1.4	-	0.928
Oil and Grease, Total	mg/L	2	No Visible Sheen	<2.0	-	<2.0

Notes:

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¹Type A Water Licence (2AM-MRY1325 - Amend. 1) - Table 11: Effluent Quality Discharge Limits for Contact Water during the Operations Phase and the Early Revenue Ph

TABLE 2.7 - WATER QUALITY RESULTS FOR WATER LICENCE MONITORING LOCATION - MP-C-B01

Analyte	Sample ID			MP-C-B01	MP-C-B01	MP-C-B01
	ALS Laboratory Sample ID			L2274745-3	L2275930-1	L2282753-3
	Sample Date & Time			2019-05-15 11:25	2019-05-20 9:45	2019-05-27 9:15
	QA/QC Sample Type			N/A	N/A	N/A
	Units	LOR	Water Licence Criteria ¹			
Conductivity	umhos/cm	3	-	431	-	413
pH	pH units	0.1	6.0 - 9.5	8.02	8.16	7.84
Total Suspended Solids	mg/L	2	Grab 30 and Average 15	5.2	2.8	12.3
Total Dissolved Solids	mg/L	10	-	219	248	274
Turbidity	NTU	0.1	-	11.7	4.92	18.9
Ammonia, Total (as N)	mg/L	0.02	-	0.341	-	0.167
Nitrate (as N)	mg/L	0.02	-	0.163	-	0.091
Oil and Grease, Total	mg/L	2	No Visible Sheen	<2.0	-	<2.0

Notes:

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¹Type A Water Licence (2AM-MRY1325 - Amend. 1) - Table 11: Effluent Quality Discharge Limits for Contact Water during the Operations Phase and the Early Revenue Phase of the Project

TABLE 2.8 - WATER QUALITY RESULTS FOR WATER LICENCE MONITORING LOCATION - MP-C-H

Analyte	Sample ID			MP-C-H	MP-C-H	MP-C-H02
	ALS Laboratory Sample ID			L2274745-1	L2282753-1	L2282753-2
	Sample Date & Time			2019-05-15 10:30	2019-05-27 8:05	2019-05-27 8:05
	QA/QC Sample Type			N/A	N/A	Field Blank
	Units	LOR	Water Licence Criteria ¹			
Conductivity	umhos/cm	3	-	1160	509	<3.0
pH	pH units	0.1	6.0 - 9.5	7.90	7.8	7.15
Total Suspended Solids	mg/L	2	Grab 30 and Average 15	15.6	2.3	<2.0
Total Dissolved Solids	mg/L	10	-	559	280	<10
Turbidity	NTU	0.1	-	47.7	5.59	0.15
Ammonia, Total (as N)	mg/L	0.02	-	0.325	0.613	<0.010
Nitrate (as N)	mg/L	0.02	-	0.75	1.79	<0.020
Oil and Grease, Total	mg/L	2	No Visible Sheen	<2.0	<2.0	<2.0

Notes:

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¹Type A Water Licence (2AM-MRY1325 - Amend. 1) - Table 11: Effluent Quality Discharge Limits for Contact Water during the Operations Phase and the Early Revenue Phase of the Project

TABLE 2.9 - WATER QUALITY RESULTS FOR WATER LICENCE MONITORING LOCATION - MP-Q1-01

Analyte	Sample ID			MP-Q1-01	MP-Q1-01	MP-Q1-0101	MP-Q1-01
	ALS Laboratory Sample ID			L2274745-2	L2275930-3	L2275930-4	L2282753-8
	Sample Date & Time			2019-05-15 11:05	2019-05-20 13:00	2019-05-20 13:00	2019-05-28 10:35
	QA/QC Sample Type			N/A	N/A	Field Duplicate	N/A
	Units	LOR	Water Licence Criteria ¹				
Conductivity	umhos/cm	3	-	167	-	-	121
pH	pH units	0.1	6.0 - 9.5	7.96	7.91	7.86	7.75
Total Suspended Solids	mg/L	2	Grab 30 and Average 15	10	10.4	11.6	12.4
Total Dissolved Solids	mg/L	10	-	114	97	146	73
Turbidity	NTU	0.1	-	24.9	24.5	23.9	16.3
Ammonia, Total (as N)	mg/L	0.02	-	0.71	-	-	0.158
Nitrate (as N)	mg/L	0.02	-	1.17	-	-	0.09
Oil and Grease, Total	mg/L	2	No Visible Sheen	<2.0	-	-	<2.0
Acute Toxicity			Non-lethal	Non-lethal	-	-	-

Notes:

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¹Type A Water Licence (2AM-MRY1325 - Amend. 1) - Table 11: Effluent Quality Discharge Limits for Contact Water during the Operations Phase and the Early Revenue Phase of the Project

TABLE 2.2 - WATER QUALITY RESULTS FOR WATER LICENCE MONITORING LOCATION - MS-01

Analyte	Sample ID			MS-01
	ALS Laboratory Sample ID			L2267065-1
	Sample Date & Time			2019-05-01 15:00
	QA/QC Sample Type			N/A
	Units	LOR	Water Licence Criteria ¹	
pH	pH units	0.1	6.0 - 9.5	7.31
Total Suspended Solids	mg/L	2	35	5.7
Alkalinity, Total (as CaCO ₃)	mg/L	10	-	73
Ammonia, Total (as N)	mg/L	0.02	4	2.42
Total Kjeldahl Nitrogen	mg/L	0.15	-	3.09
Phosphorus, Total	mg/L	0.003	4	1.23
Fecal Coliforms	CFU/100mL	0	1,000	27
BOD	mg/L	2	30	2.7
COD	mg/L	10	-	41
Oil and Grease, Total	mg/L	2	No Visible Sheen	<2.0

Notes:

Grey and bold highlight indicate results that exceeded the applicable water quality criteria.

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

TABLE 2.3 - WATER QUALITY RESULTS FOR WATER LICENCE MONITORING LOCATION - MS-01B

Analyte	Sample ID			MS-01B	MS-01B
	ALS Laboratory Sample ID			L2267060-1	L2274869-1
	Sample Date & Time			2019-05-01 13:00	2019-05-15 14:30
	QA/QC Sample Type			N/A	N/A
	Units	LOR	Water Licence Criteria ¹		
pH	pH units	0.1	6.0 - 9.5	7.99	7.90
Total Suspended Solids	mg/L	2	35	10.1	15.2
Alkalinity, Total (as CaCO ₃)	mg/L	10	-	179	125
Ammonia, Total (as N)	mg/L	0.02	4	9.45	0.088
Total Kjeldahl Nitrogen	mg/L	0.15	-	9.68	<0.15
Phosphorus, Total	mg/L	0.003	4	0.553	0.859
Fecal Coliforms	CFU/100mL	0	1,000	19	2
BOD	mg/L	2	30	9.1	<2.0
COD	mg/L	10	-	33	38
Oil and Grease, Total	mg/L	2	No Visible Sheen	<2.0	<2.0

Notes:

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

TABLE 2.18 - WATER QUALITY RESULTS FOR WATER LICENCE MONITORING LOCATION - MS-C-A

Analyte	Sample ID			MS-C-A	MS-C-A	MS-C-A03	MS-C-A
	ALS Laboratory Sample ID			L2276031-4	L2275986-4	L2275986-5	L2282031-8
	Sample Date & Time			2019-05-15 10:10	2019-05-20 9:40	2019-05-20 9:40	2019-05-27 14:15
	QA/QC Sample Type			N/A	N/A	Travel Blank	N/A
	Units	LOR	Water Licence Criteria ¹				
Conductivity	umhos/cm	3	-	76.7	-	-	96
pH	pH units	0.1	6.0 - 9.5	7.27	7.66	5.77	7.73
Total Suspended Solids	mg/L	2	Grab 30 and Average 15	4.1	<2.0	<2.0	<2.0
Total Dissolved Solids	mg/L	10	-	61	29	<20	64
Turbidity	NTU	0.1	-	30.1	15.2	<0.10	7.55
Ammonia, Total (as N)	mg/L	0.02	-	<0.010	-	-	0.017
Nitrate (as N)	mg/L	0.02	-	0.091	-	-	0.045
Oil and Grease, Total	mg/L	2	No Visible Sheen	<2.0	-	-	<2.0

Notes:

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¹Type A Water Licence (2AM-MRY1325 - Amend. 1) - Table 11: Effluent Quality Discharge Limits for Contact Water during the Operations Phase and the Early Revenue Phase of the Project

TABLE 2.19 - WATER QUALITY RESULTS FOR WATER LICENCE MONITORING LOCATION - MS-C-B

Analyte	Sample ID			MS-C-B	MS-C-B	MS-C-B
	ALS Laboratory Sample ID			L2276031-5	L2275986-6	L2282031-9
	Sample Date & Time			2019-05-15 10:45	2019-05-20 10:25	2019-05-27 14:45
	QA/QC Sample Type			N/A	N/A	N/A
	Units	LOR	Water Licence Criteria ¹			
Conductivity	umhos/cm	3	-	75.1	-	101
pH	pH units	0.1	6.0 - 9.5	7.41	7.59	7.57
Total Suspended Solids	mg/L	2	Grab 30 and Average 15	3.5	2.0	<2.0
Total Dissolved Solids	mg/L	10	-	60	41	68
Turbidity	NTU	0.1	-	29.2	16.1	4.62
Ammonia, Total (as N)	mg/L	0.02	-	0.013	-	0.033
Nitrate (as N)	mg/L	0.02	-	0.088	-	0.037
Oil and Grease, Total	mg/L	2	No Visible Sheen	<2.0	-	<2.0

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TABLE 2.20 - WATER QUALITY RESULTS FOR WATER LICENCE MONITORING LOCATION - MS-C-C

Analyte	Sample ID			MS-C-C	MS-C-C	MS-C-C
	ALS Laboratory Sample ID			L2276031-9	L2275986-10	L2282031-12
	Sample Date & Time			2019-05-15 14:00	2019-05-20 13:00	2019-05-27 16:20
	QA/QC Sample Type			N/A	N/A	N/A
	Units	LOR	Water Licence Criteria ¹			
Conductivity	umhos/cm	3	-	636	-	910
pH	pH units	0.1	6.0 - 9.5	7.82	7.63	7.75
Total Suspended Solids	mg/L	2	Grab 30 and Average 15	2.3	8.4	5.2
Total Dissolved Solids	mg/L	10	-	423	559	642
Turbidity	NTU	0.1	-	1.31	4.31	5.39
Ammonia, Total (as N)	mg/L	0.02	-	0.238	-	0.021
Nitrate (as N)	mg/L	0.02	-	1.05	-	2.1
Oil and Grease, Total	mg/L	2	No Visible Sheen	<2.0	-	<2.0

Notes:

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¹Type A Water Licence (2AM-MRY1325 - Amend. 1) - Table 11: Effluent Quality Discharge Limits for Contact Water during the Operations Phase and the Early Revenue Phase of the Project

TABLE 2.21 - WATER QUALITY RESULTS FOR WATER LICENCE MONITORING LOCATION - MS-C-D

Analyte	Sample ID			MS-C-D	MS-C-D
	ALS Laboratory Sample ID			L2276031-8	L2275986-9
	Sample Date & Time			2019-05-15 13:45	2019-05-20 12:40
	QA/QC Sample Type			N/A	N/A
	Units	LOR	Water Licence Criteria ¹		
Conductivity	umhos/cm	3	-	323	-
pH	pH units	0.1	6.0 - 9.5	7.88	8.01
Total Suspended Solids	mg/L	2	Grab 30 and Average 15	9.2	3.6
Total Dissolved Solids	mg/L	10	-	203	145
Turbidity	NTU	0.1	-	13.9	13.8
Ammonia, Total (as N)	mg/L	0.02	-	0.215	-
Nitrate (as N)	mg/L	0.02	-	0.589	-
Oil and Grease, Total	mg/L	2	No Visible Sheen	<2.0	-

Notes:

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¹Type A Water Licence (2AM-MRY1325 - Amend. 1) - Table 11: Effluent Quality Discharge Limits for Contact Water during the Operations Phase and the Early Revenue Phase of the Project

TABLE 2.22 - WATER QUALITY RESULTS FOR WATER LICENCE MONITORING LOCATION - MS-C-E

Analyte	Sample ID			MS-C-E	MS-C-E	MS-C-E
	ALS Laboratory Sample ID			L2276031-7	L2275986-8	L2282031-11
	Sample Date & Time			2019-05-15 13:00	2019-05-20 12:20	2019-05-27 15:55
	QA/QC Sample Type			N/A	N/A	N/A
	Units	LOR	Water Licence Criteria ¹			
Conductivity	umhos/cm	3	-	233	-	371
pH	pH units	0.1	6.0 - 9.5	7.84	7.9	7.97
Total Suspended Solids	mg/L	2	Grab 30 and Average 15	18.9	<2.0	<2.0
Total Dissolved Solids	mg/L	10	-	145	159	231
Turbidity	NTU	0.1	-	27.3	1.17	3.74
Ammonia, Total (as N)	mg/L	0.02	-	<0.010	-	<0.010
Nitrate (as N)	mg/L	0.02	-	0.494	-	0.793
Oil and Grease, Total	mg/L	2	No Visible Sheen	<2.0	-	<2.0

Notes:

Grey and bold highlight indicate results that exceeded the applicable water quality criteria.

¹Type A Water Licence (2AM-MRY1325 - Amend. 1) - Table 11: Effluent Quality Discharge Limits for Contact Water during the Operations Phase and the Early Revenue Phase of the Project

TABLE 2.23 - WATER QUALITY RESULTS FOR WATER LICENCE MONITORING LOCATION - MS-C-F

Analyte	Sample ID			MS-C-F	MS-C-F	MS-C-F
	ALS Laboratory Sample ID			L2276031-6	L2275986-7	L2282031-10
	Sample Date & Time			2019-05-15 11:30	2019-05-20 11:00	2019-05-27 15:25
	QA/QC Sample Type			N/A	N/A	N/A
	Units	LOR	Water Licence Criteria ¹			
Conductivity	umhos/cm	3	-	72.7	-	102
pH	pH units	0.1	6.0 - 9.5	7.46	7.65	7.68
Total Suspended Solids	mg/L	2	Grab 30 and Average 15	8.2	3.2	<2.0
Total Dissolved Solids	mg/L	10	-	66	32	63
Turbidity	NTU	0.1	-	39.5	22.2	17.7
Ammonia, Total (as N)	mg/L	0.02	-	0.017	-	0.035
Nitrate (as N)	mg/L	0.02	-	0.088	-	0.058
Oil and Grease, Total	mg/L	2	No Visible Sheen	<2.0	-	<2.0

Notes:

Grey and bold highlight indicate results that exceeded the applicable water quality criteria.

¹Type A Water Licence (2AM-MRY1325 - Amend. 1) - Table 11: Effluent Quality Discharge Limits for Contact Water during the Operations Phase and the Early Revenue Phase of the Project

TABLE 2.24 - WATER QUALITY RESULTS FOR WATER LICENCE MONITORING LOCATION - MS-C-G

Analyte	Sample ID			MS-C-G	MS-C-G	MS-C-G01	MS-C-G
	ALS Laboratory Sample ID			L2276031-12	L2275986-14	L2275986-15	L2282031-13
	Sample Date & Time			2019-05-15 16:15	2019-05-20 15:30	2019-05-20 15:30	2019-05-28 8:15
	QA/QC Sample Type			N/A	N/A	Field Duplicate	N/A
	Units	LOR	Water Licence Criteria ¹				
Conductivity	umhos/cm	3	-	86.6	-	-	72.6
pH	pH units	0.1	6.0 - 9.5	7.56	7.66	7.66	7.58
Total Suspended Solids	mg/L	2	Grab 30 and Average 15	2.2	<2.0	<2.0	<2.0
Total Dissolved Solids	mg/L	10	-	59	48	28	57
Turbidity	NTU	0.1	-	7.12	7.12	6.99	4.68
Ammonia, Total (as N)	mg/L	0.02	-	0.027	-	-	<0.010
Nitrate (as N)	mg/L	0.02	-	0.086	-	-	0.059
Oil and Grease, Total	mg/L	2	No Visible Sheen	<2.0	-	-	<2.0

Notes:

Grey and bold highlight indicate results that exceeded the applicable water quality criteria.

¹Type A Water Licence (2AM-MRY1325 - Amend. 1) - Table 11: Effluent Quality Discharge Limits for Contact Water during the Operations Phase and the Early Revenue Phase of the Project

TABLE 2.25 - WATER QUALITY RESULTS FOR WATER LICENCE MONITORING LOCATION - MS-C-H

Analyte	Sample ID			MS-C-H	MS-C-H01	MS-C-H	MS-C-H
	ALS Laboratory Sample ID			L2276031-13	L2276031-14	L2275986-13	L2282031-14
	Sample Date & Time			2019-05-15 17:20	2019-05-15 17:20	2019-05-20 15:00	2019-05-28 8:40
	QA/QC Sample Type			N/A	Field Duplicate	N/A	N/A
	Units	LOR	Water Licence Criteria ¹				
Conductivity	umhos/cm	3	-	63.6	64.1	-	98
pH	pH units	0.1	6.0 - 9.5	7.56	7.58	7.75	7.73
Total Suspended Solids	mg/L	2	Grab 30 and Average 15	2.3	2.1	<2.0	<2.0
Total Dissolved Solids	mg/L	10	-	51	44	59	52
Turbidity	NTU	0.1	-	7.39	7.66	3.11	4.87
Ammonia, Total (as N)	mg/L	0.02	-	0.04	0.019	-	0.01
Nitrate (as N)	mg/L	0.02	-	0.224	0.224	-	0.029
Oil and Grease, Total	mg/L	2	No Visible Sheen	<2.0	<2.0	-	<2.0

Notes:

Grey and bold highlight indicate results that exceeded the applicable water quality criteria.

¹Type A Water Licence (2AM-MRY1325 - Amend. 1) - Table 11: Effluent Quality Discharge Limits for Contact Water during the Operations Phase and the Early Revenue Phase of the Project

TABLE 2.16 - WATER QUALITY RESULTS FOR WATER LICENCE MONITORING LOCATION - MS-MRY-13A

Analyte	Sample ID			MS-MRY-13A	MS-MRY-13A	MS-MRY-13A
	ALS Laboratory Sample ID			L2282031-11	L2275986-12	L2282031-2
	Sample Date & Time			2019-05-15 15:30	2019-05-20 14:10	2019-05-27 10:00
	QA/QC Sample Type			N/A	N/A	N/A
	Units	LOR	Water Licence Criteria ¹			
Conductivity	umhos/cm	3	-	165	-	248
pH	pH units	0.1	6.0 - 9.5	7.84	8.06	8.01
Total Suspended Solids	mg/L	2	Grab 30 and Average 15	2.5	<2.0	<2.0
Total Dissolved Solids	mg/L	10	-	108	129	134
Turbidity	NTU	0.1	-	-	0.85	-
Alkalinity, Total (as CaCO3)	mg/L	10	-	75	-	99
Dissolved Organic Carbon	mg/L	1	-	3.11	-	3.63
Total Organic Carbon	mg/L	1	-	3.45	-	4.24
Aluminum (Al)-Total	mg/L	0.005	-	0.108	-	0.0073
Antimony (Sb)-Total	mg/L	0.0001	-	0.00024	-	0.00014
Arsenic (As)-Total	mg/L	0.0001	0.5	0.00016	-	0.00011
Barium (Ba)-Total	mg/L	0.0002	-	0.0123	-	0.0146
Beryllium (Be)-Total	mg/L	0.0001	-	<0.00010	-	<0.00010
Bismuth (Bi)-Total	mg/L	0.00005	-	<0.000050	-	<0.000050
Boron (B)-Total	mg/L	0.01	-	0.04	-	0.022
Cadmium (Cd)-Total	mg/L	0.00001	-	0.0000077	-	<0.0000050
Calcium (Ca)-Total	mg/L	0.5	-	14.9	-	21.1
Chromium (Cr)-Total	mg/L	0.0005	-	0.00053	-	<0.00050
Cobalt (Co)-Total	mg/L	0.0001	-	0.0001	-	<0.00010
Copper (Cu)-Total	mg/L	0.001	0.3	0.0013	-	0.0011
Iron (Fe)-Total	mg/L	0.05	-	0.143	-	<0.010
Lead (Pb)-Total	mg/L	0.00005	0.2	0.000104	-	<0.000050
Lithium (Li)-Total	mg/L	0.001	-	0.0018	-	0.0018
Magnesium (Mg)-Total	mg/L	0.05	-	10.2	-	14.9
Manganese (Mn)-Total	mg/L	0.0005	-	0.00261	-	0.00061
Mercury (Hg)-Total	mg/L	0.00001	-	<0.000010	-	<0.000010
Molybdenum (Mo)-Total	mg/L	0.00005	-	0.000699	-	0.00051
Nickel (Ni)-Total	mg/L	0.0005	0.5	0.00648	-	0.00642
Potassium (K)-Total	mg/L	0.05	-	1.77	-	1.74
Selenium (Se)-Total	mg/L	0.00005	-	<0.000050	-	<0.000050
Silicon (Si)-Total	mg/L	0.1	-	1.87	-	2.21
Silver (Ag)-Total	mg/L	0.00005	-	<0.000050	-	<0.000050
Sodium (Na)-Total	mg/L	0.5	-	1.8	-	2.97
Strontium (Sr)-Total	mg/L	0.001	-	0.0142	-	0.018
Thallium (Tl)-Total	mg/L	0.00001	-	<0.000010	-	<0.000010
Tin (Sn)-Total	mg/L	0.0001	-	<0.00010	-	<0.00010
Titanium (Ti)-Total	mg/L	0.0003	-	0.00391	-	<0.00030
Tungsten (W)-Total	mg/L	0.0001	-	0.00012	-	<0.00010
Uranium (U)-Total	mg/L	0.00001	-	0.00016	-	0.000321
Vanadium (V)-Total	mg/L	0.0005	-	<0.00050	-	<0.00050
Zinc (Zn)-Total	mg/L	0.003	0.5	0.0042	-	<0.0030
Zirconium (Zr)-Total	mg/L	0.0003	-	<0.00030	-	<0.00030
Oil and Grease, Total	mg/L	2	No Visible Sheen	<2.0	-	<2.0
Phenols (4AAP)	mg/L	0.001	-	0.0021	-	<0.0010
F1 (C6-C10)	ug/L	100	-	<100	-	<100
F2 (C10-C16)	ug/L	100	-	<100	-	<100
F3 (C16-C34)	ug/L	250	-	<250	-	<250
F4 (C34-C50)	ug/L	250	-	<250	-	<250
Total Hydrocarbons (C6-C50)	ug/L	380	-	<380	-	<380
Chrom. to baseline at nC50		n/a	-	YES	-	YES
2-Bromobenzotrifluoride	%	Surrogate	-	98.7	-	83.7
3,4-Dichlorotoluene	%	Surrogate	-	109	-	96.6

Notes:

Grey and bold highlight indicate results that exceeded the applicable water quality criteria.

¹Type A Water Licence (2AM-MRY1325 - Amend. 1) - Table 7: Effluent Quality Discharge Limits for the Landfill Facilities

TABLE 2.17 - WATER QUALITY RESULTS FOR WATER LICENCE MONITORING LOCATION - MS-MRY-13B

Analyte	Sample ID			MS-MRY-13B	MS-MRY-13B	MS-MRY-13B
	ALS Laboratory Sample ID			L2282031-1	L2275986-11	L2282031-1
	Sample Date & Time			2019-05-15 15:30	2019-05-20 13:45	2019-05-27 9:15
	QA/QC Sample Type			N/A	N/A	N/A
	Units	LOR	Water Licence Criteria ¹			
Conductivity	umhos/cm	3	-	359	-	303
pH	pH units	0.1	6.0 - 9.5	8.1	8.23	8.05
Total Suspended Solids	mg/L	2	Grab 30 and Average 15	2.5	<2.0	<2.0
Total Dissolved Solids	mg/L	10	-	263	135	187
Turbidity	NTU	0.1	-	-	0.68	-
Alkalinity, Total (as CaCO3)	mg/L	10	-	91	-	91
Dissolved Organic Carbon	mg/L	1	-	4.32	-	3.73
Total Organic Carbon	mg/L	1	-	4.84	-	4.58
Aluminum (Al)-Total	mg/L	0.005	-	0.0238	-	0.0077
Antimony (Sb)-Total	mg/L	0.0001	-	0.00015	-	<0.00010
Arsenic (As)-Total	mg/L	0.0001	0.5	0.00018	-	0.00013
Barium (Ba)-Total	mg/L	0.0002	-	0.0242	-	0.0176
Beryllium (Be)-Total	mg/L	0.0001	-	<0.00010	-	<0.00010
Bismuth (Bi)-Total	mg/L	0.00005	-	<0.000050	-	<0.000050
Boron (B)-Total	mg/L	0.01	-	0.041	-	0.019
Cadmium (Cd)-Total	mg/L	0.00001	-	0.0000085	-	<0.0000050
Calcium (Ca)-Total	mg/L	0.5	-	32.2	-	28.3
Chromium (Cr)-Total	mg/L	0.0005	-	<0.00050	-	<0.00050
Cobalt (Co)-Total	mg/L	0.0001	-	<0.00010	-	<0.00010
Copper (Cu)-Total	mg/L	0.001	0.3	0.0015	-	0.0012
Iron (Fe)-Total	mg/L	0.05	-	0.046	-	0.014
Lead (Pb)-Total	mg/L	0.00005	0.2	<0.000050	-	<0.000050
Lithium (Li)-Total	mg/L	0.001	-	0.0064	-	0.0044
Magnesium (Mg)-Total	mg/L	0.05	-	17.9	-	17.5
Manganese (Mn)-Total	mg/L	0.0005	-	0.00122	-	0.00055
Mercury (Hg)-Total	mg/L	0.00001	-	<0.000010	-	<0.000010
Molybdenum (Mo)-Total	mg/L	0.00005	-	0.000529	-	0.000336
Nickel (Ni)-Total	mg/L	0.0005	0.5	0.00735	-	0.00684
Potassium (K)-Total	mg/L	0.05	-	1.81	-	1.35
Selenium (Se)-Total	mg/L	0.00005	-	0.000052	-	<0.000050
Silicon (Si)-Total	mg/L	0.1	-	2.06	-	2.54
Silver (Ag)-Total	mg/L	0.00005	-	<0.000050	-	<0.000050
Sodium (Na)-Total	mg/L	0.5	-	5.31	-	4.78
Strontium (Sr)-Total	mg/L	0.001	-	0.0344	-	0.0263
Thallium (Tl)-Total	mg/L	0.00001	-	0.000014	-	<0.000010
Tin (Sn)-Total	mg/L	0.0001	-	<0.00010	-	<0.00010
Titanium (Ti)-Total	mg/L	0.0003	-	0.00115	-	0.00037
Tungsten (W)-Total	mg/L	0.0001	-	<0.00010	-	<0.00010
Uranium (U)-Total	mg/L	0.00001	-	0.000638	-	0.000609
Vanadium (V)-Total	mg/L	0.0005	-	<0.00050	-	<0.00050
Zinc (Zn)-Total	mg/L	0.003	0.5	<0.0030	-	<0.0030
Zirconium (Zr)-Total	mg/L	0.0003	-	<0.00030	-	<0.00030
Oil and Grease, Total	mg/L	2	No Visible Sheen	<2.0	-	<2.0
Phenols (4AAP)	mg/L	0.001	-	0.002	-	<0.0010
F1 (C6-C10)	ug/L	100	-	<100	-	<100
F2 (C10-C16)	ug/L	100	-	<100	-	<100
F3 (C16-C34)	ug/L	250	-	<250	-	<250
F4 (C34-C50)	ug/L	250	-	<250	-	<250
Total Hydrocarbons (C6-C50)	ug/L	380	-	<380	-	<380
Chrom. to baseline at nC50		n/a	-	YES	-	YES
2-Bromobenzotrifluoride	%	Surrogate	-	98.5	-	83
3,4-Dichlorotoluene	%	Surrogate	-	102.1	-	94.5

Notes:

Grey and bold highlight indicate results that exceeded the applicable water quality criteria.

¹Type A Water Licence (2AM-MRY1325 - Amend. 1) - Table 7: Effluent Quality Discharge Limits for the Landfill Facilities

TABLE 2.26 - WATER QUALITY RESULTS FOR WATER LICENCE MONITORING LOCATION - MQ-C-A

Analyte	Sample ID			MQ-C-A	MQ-C-A	MQ-C-A
	ALS Laboratory Sample ID			L2274857-1	L2275986-2	L2282031-5
	Sample Date & Time			2019-05-15 15:00	2019-05-20 8:40	2019-05-27 12:05
	QA/QC Sample Type			N/A	N/A	N/A
	Units	LOR	Water Licence Criteria ¹			
Conductivity	umhos/cm	3	-	62.7	-	86.6
pH	pH units	0.1	6.0 - 9.5	7.33	7.82	7.78
Total Suspended Solids	mg/L	2	Grab 30 and Average 15	4.2	<2.0	<2.0
Total Dissolved Solids	mg/L	10	-	45	40	48
Turbidity	NTU	0.1	-	31.3	2.64	1.33
Ammonia, Total (as N)	mg/L	0.02	-	0.012	-	<0.010
Nitrate (as N)	mg/L	0.02	-	0.044	-	<0.020
Oil and Grease, Total	mg/L	2	No Visible Sheen	<2.0	-	<2.0
Acute Toxicity			Non-lethal	Non-lethal	-	<2.0

Notes:

Grey and bold highlight indicate results that exceeded the applicable water quality criteria.

¹Type A Water Licence (2AM-MRY1325 - Amend. 1) - Table 11: Effluent Quality Discharge Limits for Contact Water during the Operations Phase and the Early Revenue Phase of the Project

TABLE 2.27 - WATER QUALITY RESULTS FOR WATER LICENCE MONITORING LOCATION - MQ-C-B

Analyte	Sample ID			MQ-C-B	MQ-C-B	MQ-C-B	MQ-C-B01
	ALS Laboratory Sample ID			L2276031-3	L2275986-3	L2282031-6	L2282031-7
	Sample Date & Time			2019-05-15 9:30	2019-05-20 9:05	2019-05-27 12:40	2019-05-27 12:40
	QA/QC Sample Type			N/A	N/A	N/A	Field Duplicate
	Units	LOR	Water Licence Criteria ¹				
Conductivity	umhos/cm	3	-	86.4	-	112	112
pH	pH units	0.1	6.0 - 9.5	7.84	7.79	7.85	7.86
Total Suspended Solids	mg/L	2	Grab 30 and Average 15	130	2.4	78.4	50.2
Total Dissolved Solids	mg/L	10	-	108	28	74	72
Turbidity	NTU	0.1	-	274	4.64	55.9	54.4
Ammonia, Total (as N)	mg/L	0.02	-	0.059	-	0.059	0.037
Nitrate (as N)	mg/L	0.02	-	0.181	-	0.345	0.361
Oil and Grease, Total	mg/L	2	No Visible Sheen	<2.0	-	<2.0	<2.0

Notes:

Grey and bold highlight indicate results that exceeded the applicable water quality criteria.

¹Type A Water Licence (2AM-MRY1325 - Amend. 1) - Table 11: Effluent Quality Discharge Limits for Contact Water during the Operations Phase and the Early Revenue Phase of the Project

TABLE 2.28 - WATER QUALITY RESULTS FOR WATER LICENCE MONITORING LOCATION - MQ-C-D

Analyte	Sample ID			MQ-C-D	MQ-C-D01	MQ-C-D	MQ-C-D	MQ-C-D03
	ALS Laboratory Sample ID			L2276031-1	L2276031-2	L2275986-1	L2282031-3	L2282031-4
	Sample Date & Time			2019-05-15 8:50	2019-05-15 8:50	2019-05-20 8:25	2019-05-27 11:25	2019-05-27 11:25
	QA/QC Sample Type			N/A	Field Duplicate	N/A	N/A	Travel Blank
	Units	LOR	Water Licence Criteria ¹					
Conductivity	umhos/cm	3	-	200	198	-	236	<3.0
pH	pH units	0.1	6.0 - 9.5	7.87	7.86	8.01	7.99	5.91
Total Suspended Solids	mg/L	2	Grab 30 and Average 15	20.6	20.4	47.6	9.4	<2.0
Total Dissolved Solids	mg/L	10	-	130	128	123	132	<10
Turbidity	NTU	0.1	-	80.9	82.9	82.1	45.8	0.2
Ammonia, Total (as N)	mg/L	0.02	-	0.046	0.048	-	0.067	<0.010
Nitrate (as N)	mg/L	0.02	-	1.31	1.31	-	1.63	<0.020
Oil and Grease, Total	mg/L	2	No Visible Sheen	<2.0	<2.0	-	<2.0	<2.0

Notes:

Grey and bold highlight indicate results that exceeded the applicable water quality criteria.

¹Type A Water Licence (2AM-MRY1325 - Amend. 1) - Table 11: Effluent Quality Discharge Limits for Contact Water during the Operations Phase and the Early Revenue Phase of the Project

Table 3: Flow and Volume Measurements-Part I Item 11 - May 2019

DATE	Camp Lake Freshwater for Domestic Use - Daily Water (m ³) MS-MRY-1	Camp Lake Freshwater for Industrial Use - Daily Water (m ³) MS-MRY-1	Treated Sewage Effluent (m ³) from MS-01 to Discharge Location #1	Treated Sewage Effluent (m ³) from MS-01b to Discharge Location #1	Sewage Sludge Removed (m ³) from Mine Site WWTPs to Incinerator	Sewage Sludge Removed (m ³) from Mine Site WWTP to PWSP at Mine Site - MS- MRY-4a	Km 32 Lake Milne Port Camp Daily Water (m ³) MP-MRY-3	Treated Sewage Effluent (m ³) from MP-01 to Milne Port	Sewage Sludge Removed (m ³) from Milne Port WWTP to Incinerator	Sewage Sludge Removed (m ³) from Lift Stations to PWSP at Milne Port - MP-01a	Sewage Sludge Removed (m ³) from Milne Port WWTP to PWSP at Milne Port - MP- 01a	Water Use for Dust Suppression from Authorized Sources
1-May-19	146.5	3.0	57.0	98.2	0.8	0.0	70.0	59.0	0.5	0.0	0.0	0.0
2-May-19	174.6	45.4	48.0	106.6	1.1	0.0	73.6	55.0	0.3	16.7	0.5	0.0
3-May-19	134.9	40.6	46.0	96.7	1.3	0.0	72.5	62.0	0.0	0.0	5.0	0.0
4-May-19	122.3	22.0	49.0	83.9	0.6	0.0	80.6	60.0	0.0	0.0	5.0	0.0
5-May-19	124.4	15.1	46.0	92.3	1.0	0.0	58.1	44.0	0.3	0.0	0.0	0.0
6-May-19	140.0	42.3	52.0	84.3	0.8	0.0	68.1	46.0	0.0	0.0	0.0	0.0
7-May-19	139.7	15.1	59.0	96.2	1.1	0.0	79.4	52.0	0.3	0.0	4.0	0.0
8-May-19	218.3	21.3	59.0	81.5	0.5	2.0	69.0	59.0	0.0	0.0	0.0	0.0
9-May-19	104.4	30.3	59.0	83.3	0.6	0.0	70.8	44.0	0.0	0.0	4.0	0.0
10-May-19	169.8	21.3	55.0	85.1	1.3	0.0	65.8	54.0	0.4	0.0	0.0	0.0
11-May-19	159.5	39.0	56.0	93.4	1.3	0.0	59.6	54.0	0.7	4.0	0.0	0.0
12-May-19	146.0	45.4	58.0	110.3	1.7	0.0	71.1	64.0	0.4	0.0	0.0	0.0
13-May-19	91.9	45.4	57.0	105.9	1.7	0.0	98.6	65.0	0.0	0.0	4.0	0.0
14-May-19	155.6	0.0	53.0	97.5	1.8	0.0	83.8	66.0	0.3	0.0	0.0	0.0
15-May-19	159.9	37.7	57.0	93.8	1.8	0.0	65.1	64.0	0.3	0.0	0.0	0.0
16-May-19	172.0	0.0	59.0	100.7	1.1	0.0	90.7	61.0	0.3	0.0	12.1	0.0
17-May-19	55.7	27.8	60.0	80.0	1.4	0.0	80.2	64.0	0.5	0.0	4.0	0.0
18-May-19	180.3	5.2	58.0	85.3	1.2	0.0	79.8	66.0	0.5	0.0	0.0	0.0
19-May-19	177.6	7.7	60.0	84.6	1.1	0.0	70.1	64.0	0.0	0.0	5.0	302.8
20-May-19	138.9	15.1	59.0	81.2	1.0	0.0	76.5	62.0	0.5	0.0	0.0	121.1
21-May-19	174.0	23.7	61.0	76.0	1.3	0.0	86.6	64.0	0.4	0.0	0.0	151.4
22-May-19	130.3	35.4	58.0	86.1	1.1	0.0	79.7	65.0	0.3	0.0	0.0	60.6
23-May-19	127.0	16.5	65.0	90.0	1.2	0.0	87.5	66.0	0.0	8.5	6.0	151.4
24-May-19	147.4	22.7	52.0	85.0	0.9	3.5	76.4	66.0	0.0	2.8	6.0	272.5
25-May-19	139.3	7.6	49.0	87.9	0.6	3.5	93.5	66.0	0.0	0.0	6.0	181.7
26-May-19	111.8	54.5	51.0	100.7	0.7	0.0	74.5	67.0	0.0	0.0	6.0	189.3
27-May-19	171.5	30.3	53.0	92.3	0.9	0.0	99.7	61.0	0.0	0.0	7.0	60.6
28-May-19	141.2	11.4	52.0	83.7	0.9	0.0	83.1	61.0	0.0	0.0	8.0	242.2
29-May-19	161.4	22.3	57.0	97.3	1.1	0.0	67.9	60.0	0.3	0.0	0.0	185.9
30-May-19	182.7	59.4	55.0	115.7	1.3	0.0	104.2	48.0	0.3	0.0	0.0	545.0
31-May-19	134.0	11.4	52.0	122.7	1.3	0.0	97.4	47.0	0.3	1.4	0.0	423.9
Total	4533.3	774.8	1712.0	2878.2	34.7	9.0	2434.0	1836.0	7.0	33.5	82.6	2888.3

Notes:

WWTP - Waste Water Treatment Plant

PWSP - Polishing Waste Stabilization Pond