

Appendix B

NWB Forms

NWB Annual Report

Year being reported: 2019

License No: 2AM-DOH1335 Issued Date: August 16, 2013
 Expiry Date: March 30, 2035

Project Name: Doris-Madrid Project

Licensee: TMAC Resources Inc.

Mailing Address: 181 University Ave
 Suite 300, PO Box 33
 Toronto, Ontario M5H 3M7

Name of Company filing Annual Report (if different from Name of Licensee please clarify relationship between the two entities, if applicable):

Licence 2AM-DOH0713 was assigned from Hope Bay Mining Ltd. to TMAC Resources Inc. on June 18, 2013. This licence was renewed on Aug. 16, 2013 and renamed 2AM-DOH1323. This license was subsequently amended in November, 2016. The licence was amended a second time in December, 2018 and renamed 2AM-DOH1335.

General Background Information on the Project (*optional):

In 2019 commercial operations continued at Doris with continued efforts to stabilize mill throughput and optimize gold recovery. Civil construction activities included the completion of construction of the Roberts Bay Discharge System (RBDS) and installation of the associated underground mine dewatering and Tailings Impoundment Area (TIA) discharge pipelines and pumping infrastructure. The RBDS facilitates dewatering of the Doris mine and removal of excess water from the TIA to Roberts Bay. The ocean discharge pipeline with sunken diffuser and recirculation pipeline were successfully installed into Roberts Bay during the open water season. As part of this system, a Water Treatment Plant was constructed to remove Total Suspended Solids from underground mine water at Doris prior to discharge through the RBDS. No discharge occurred to Roberts Bay in 2019.

Earthworks began at the Madrid North site to support the commencement of mining of the Naartok East Crown Pillar and Madrid North underground decline. This included construction of the first kilometer of the Madrid North all-weather-road, the Madrid North Contact Water Pond, and construction of the Madrid North Waste Rock storage pad. An overburden stockpile was established to store overburden removed during mining of the Naartok East Crown Pillar.

Underground waste development continued in 2019 with further advancement of the below the dyke (BTD) decline and necessary support infrastructure. TMAC continued ore development with long hole drilling and blasting in the Doris Connector (DCO) and BTD in Doris, and continued ore sill development in the DCO. TMAC also continued waste development in the DCO for future mining horizons.

Long hole blasting continued throughout 2019, with all ore production trucked to surface and processed through the mill or added to the stockpile. Development of the Doris Central (DCN) decline continued in 2019. TMAC continued underground exploration diamond drilling in the BTD, DCO and DCN areas in 2019.

Ore development also occurred from surface in 2019 with the commencement of surface blasting and hauling of ore and waste from the Naartok East Crown Pillar Recovery (NECPR). Development of the Madrid North underground decline began in Q4 of 2019. Backfill and reclamation of the Doris Crown Pillar Trench was completed in 2019.

In the fall, TMAC concluded another successful sealift operation including the purchase and delivery of diesel fuel as well as explosives and reagents to support mining and milling activities. The sealift also included additional heavy equipment and supplies to support mining and construction operations.

Licence Requirements: the licensee must provide the following information in accordance with

Part B Item 2

A summary report of water use and waste disposal activities, including, but not limited to: methods of obtaining water; sewage and greywater management; drill waste management; solid and hazardous waste management.

Water Source(s):	Doris Lake/Windy Lake/lakes proximal to drilling targets/ice road	
Water Quantity:	43000 cu.m/yr*	Quantity Allowable Domestic (cu.m)
	16820 cu. m/yr	Actual Quantity Used Domestic (cu.m)
	2033800 cu.m/yr	Quantity Allowable Domestic, Mining, Milling, Drilling, etc.
	23090 cu. m/yr	Total Quantity Used Domestic, Mining, Milling, Drilling, etc.
*Part E, Item 1 total volume from "all sources and for all purposes"		

Waste Management and/or Disposal

- ☒ Solid Waste Disposal
☒ Sewage
☒ Drill Waste
☒ Greywater
☒ Hazardous

☒ Other: Containment Berm and Control Pond Effluent

Additional Details:

Water for domestic use at Doris Camp was obtained from Windy Lake. Water is drawn from the lake at the freshwater intake and trucked to Doris Camp. The Doris Lake pump house is not supplying domestic water to Doris Camp at this time.

Waste produced on site is treated according to Part F of the licence, and in accordance with the relevant Management Plans (*Incinerator Management Plan, Non-Hazardous Waste Management Plan, Hazardous Waste Management Plan, Waste Rock, Ore and Mine Backfill Management Plan, Hydrocarbon Contaminated Material Management Plan, Domestic Waste Water Treatment Management Plan, and Doris-Madrid Water Management Plan*).

Some specifics are as follows:

- Food waste is incinerated as per Part F Item 6.
- Paper products, paperboard packing, and untreated wood waste is open burned as per Part F Item 7.
- TMAC is authorized to dispose of all non-hazardous solid waste in a landfill on site as per Part F Item 9. To date, a landfill has not been built. All waste that cannot be incinerated on site is backhauled to an approved facility off site or will be held for deposit in a landfill once constructed.
- Sewage and greywater produced onsite is processed in the sewage treatment plant as per Part F Item 5. Sludge produced by the treatment plant is disposed in the TIA as outlined in the Domestic Waste Water Treatment Management Plan.
- Hazardous materials such as waste oil, glycol, and contaminated soil are shipped offsite for disposal at an approved site as per Part F Item 10.
- All containment berm water is sampled for water quality against the discharge criteria of the licence. Water that meets the standards for discharge is released in accordance with the licence following a notification to the Inspector; water that does not meet the licence criteria is treated onsite until it is remediated to acceptable levels for discharge to the tundra, and/or it is discharged to the TIA.
- Runoff and contact seepage at site is managed in accordance with the Quarry Management and Monitoring Plan and Doris-Madrid Water Management Plan.

A list of unauthorized discharges and a summary of follow-up actions taken.

Spill No.: (as reported to the Spill Hot-line)
 Date of Spill:
 Date of Notification to an Inspector:
 Additional Details: (impacts to water, mitigation measures, short/long term monitoring, etc.)

Please see Section 11. of the attached Annual Report Supplement for a summary of all unauthorized discharges that occurred in 2019 under license 2AM-DOH1335.

Revisions to the Spill Contingency Plan

Other: (see additional details) ▼

Additional Details:

Please see Section 12. of the attached Annual Report Supplement for details.

Revisions to the Abandonment and Restoration Plan

Other: (see additional details) ▼

Additional Details:

Please see Section 12. of the attached Annual Report Supplement for details.

Progressive Reclamation Work Undertaken

Additional Details (i.e., work completed and future works proposed)

Please see Section 13. of the attached Annual Report Supplement for details.

Results of the Monitoring Program including:

The GPS Co-ordinates (in degrees, minutes and seconds of latitude and longitude) of each location where sources of water are utilized;

Details attached ▼

Additional Details:

N/A

The GPS Co-ordinates (in degrees, minutes and seconds of latitude and longitude) of each location where wastes associated with the licence are deposited;

Details attached ▼

Additional Details:

N/A

Results of any additional sampling and/or analysis that was requested by an Inspector

No additional sampling requested by an Inspector or the Board ▼

Additional Details: (date of request, analysis of results, data attached, etc.)

N/A

Any other details on water use or waste disposal requested by the Board by November 1 of the year being reported.

No additional sampling requested by an Inspector or the Board ▼

Additional Details: (Attached or provided below)

N/A

Any responses or follow-up actions on inspection/compliance reports

Inspection Report received by the Licensee (Date): ▼

Additional Details: (Dates of Report, Follow-up by the Licensee)

See Section 15. of attached Annual Report Supplement for details on inspection action items and how these were addressed.

Any additional comments or information for the Board to consider

Please see attached Annual Report Supplement for additional information requirements set out in Licence No. 2AM-DOH1335.

Date Submitted:

March 31 2020

Submitted/Prepared by:

Oliver Curran

Contact Information:**Tel:** 647.480.3106 ext. 124**Fax:****email:** Oliver.Curran@tmacresources.com

GPS Coordinates for water sources utilized

Source Description	UTM Easting	UTM Northing
ST-7 Doris Freshwater Intake	433525	7558727
ST-7a/MMS-4b Windy Freshwater Intake	432626	7550477
Patch Lake (ice road)	434265	7550023

GPS Locations of areas of waste disposal

Location Description	UTM Easting	UTM Northing
TL-5	435539	7556285
TL-6	435539	7556285
TL-7a	435539	7556285
TL-7b	435539	7556285
TL-9	435539	7556285
ST-4	432450	7559600
ST-5	432960	7559270
ST-6A	432954	7563407
ST-6B	432878	7563130
ST-8 STP Discharge	432413	7559596
ST-9 STP Tundra Discharge	430898	7559328

GPS Locations of Active Monitoring Stations not included above*

Monitoring Station	UTM Easting	UTM Northing
TL-1	434712	7558948
TL-2	434059	7559504
TL-11	various locations as required	
TL-12	435539	7556285
ST-1	433093	7558914
ST-2	433217	7558935
ST-10	various locations as required	
ST-11	434573	7559182
ST-12	various locations as required	
MMS-1	433175	7549837
MMS-9	various locations as required	

* Thermal monitoring locations are documented in the Annual Geotechnical Report

NWB Annual Report

Year being reported: 2019

License No: 2BE-HOP1222 Issued Date: June 30, 2012
 Expiry Date: June 30, 2022

Project Name: Hope Bay Regional Exploration Project

Licensee: TMAC Resources Inc.

Mailing Address: 181 University Ave
 Suite 300, PO Box 33
 Toronto, Ontario M5H 3M7

**Name of Company filing Annual Report (if different from Name of Licensee
 please clarify relationship between the two entities, if applicable):**

Licence 2BE-HOP1222 was issued June 30, 2012 to Hope Bay Mining Ltd.
 Effective June 18, 2013, the NWB authorized the assignment of Licence 2BE-
 HOP1222 from Hope Bay Mining Ltd. to TMAC Resources Inc.

General Background Information on the Project (*optional):

Licence 2BE-HOP1222 allows TMAC to carry out activities in support of exploration
 drilling at the Hope Bay Regional Exploration Project and the Windy Camp, which
 supports exploration activities.

**Licence Requirements: the licensee must provide the following information in accordance
 with**

Part B Item 2

**A summary report of water use and waste disposal activities, including, but not limited to: methods of
 obtaining water; sewage and greywater management; drill waste management; solid and hazardous
 waste management.**

Water Source(s):	Domestic and dust suppression water sourced from Windy Lake. Water to supply drilling activities taken from source proximal to drilling target.	
Water Quantity:	22995 cu.m	Quantity Allowable Domestic (cu.m)
	16820 cu.m	Actual Quantity Used Domestic (cu.m)
	29200 cu.m	Quantity Allowable Drilling (cu.m)
	2457 cu. m.	Total Quantity Used Drilling (cu.m)
	30600 cu.m	Quantity Allowable Dust Suppression (cu.m)
	0 cu.m	Total Quantity Used Dust Suppression (cu.m)

Waste Management and/or Disposal

☒ Solid Waste Disposal☐ Sewage☒ Drill Waste☐ Greywater☐ Hazardous☐ Other:

Additional Details:

The Hope Bay Project was placed into Care and Maintenance in October 2012. Occupancy of the Old Windy Camp ended October 23, 2008 and dismantling and reclamation of the area is on-going.

Water was used from Windy Lake to supply domestic water to Doris Camp in accordance with 2BE-HOP1222 Part C, Item 1. Water used for drilling is taken from the closest lake to each drill using a similar system to the domestic system, or for drill locations accessible by road or winter ice road, water is hauled by truck from Windy Lake, or compliant berm effluent from the Doris Project is recycled through the drills to lessen freshwater lake use. In the case of regional drilling, water is taken from the closest lake to the drill site in accordance with Part C Item 1. Drill cuttings produced under this licence are deposited in a sump constructed for this purpose, an appropriate natural depression located at least 31m from the high water mark of any adjacent water body, or disposed of in the Tailings Imoundment Area at the Doris Project. A regional exploration and geotechnical drill program occurred in the license area in 2019.

The Landfarm at Windy Camp and Bulk Fuel Storage Facilities at Windy Camp and Patch Lake have been dismantled and are in the process of reclamation. No effluent is produced at these locations.

Water accumulated in Quarries A, B and D is managed in accordance with the approved *Quarry A, B, D Management and Monitoring Plan* and the relevant sections of Part D of the licence. No discharges of water occurred from these sites in 2019.

A list of unauthorized discharges and a summary of follow-up actions taken.

 Spill No.: (as reported to the Spill Hot-line)

 Date of Spill:

 Date of Notification to an Inspector:

Additional Details: (impacts to water, mitigation measures, short/long term monitoring, etc)

No unauthorized discharges occurred in 2019 under licence 2BE-HOP1222.

Revisions to the Spill Contingency Plan

Additional Details:

Please see Section 12. of the attached Annual Report Supplement for details.

Revisions to the Abandonment and Restoration Plan

Additional Details:

Please see Section 12. of the attached Annual Report Supplement for details.

Progressive Reclamation Work Undertaken

Additional Details (i.e., work completed and future works proposed)

Please see Section 13. of the attached Annual Report Supplement for details.

Results of the Monitoring Program including:

The GPS Co-ordinates (in degrees, minutes and seconds of latitude and longitude) of each location where sources of water are utilized;

Additional Details:

Details attached.

The GPS Co-ordinates (in degrees, minutes and seconds of latitude and longitude) of each location where wastes associated with the licence are deposited;

Additional Details:

N/A

Results of any additional sampling and/or analysis that was requested by an Inspector

Additional Details: (date of request, analysis of results, data attached, etc)

No additional sampling requested.

Any other details on water use or waste disposal requested by the Board by November 1 of the year being reported.

Additional Details: (Attached or provided below)

No additional sampling requested.

Any responses or follow-up actions on inspection/compliance reports

Additional Details: (Dates of Report, Follow-up by the Licensee)

See Section 15. of attached Annual Report Supplement for details on inspection action items and how these were addressed.

Any additional comments or information for the Board to consider

Please see attached Annual Report Supplement for additional information requirements set out in Licence No. 2BE-HOP1222.

Date Submitted:
Submitted/Prepared by:
Contact Information:

March 31 2020

Oliver Curran

Tel: 647.480.3106 ext. 124

Fax:

email: oliver.curran@tmacresouces.com

GPS Coordinates for water sources utilized

Source Description	Latitude	Longitude
HOP-1 - Raw water supply intake at Windy Lake	432626	7550477
Raw water supply intake at Doris Lake	433525	7558727
Patch Lake	434265	7550023
Patch Lake	435299	7548050
Milk Bottle Lake	433754	7535755
Kamik Lake	434664	7533990
Too Lake	443782	7492790
Stickleback Lake	441658	7503583
Domani Lake	442671	7502506
Aimaokatalok Lake	440965	7504931

GPS Locations of areas of waste disposal

Source Description	Latitude	Longitude
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NWB Annual Report

Year being reported:

2019

License No: 2BB-MAE1727 Issued Date: May 23, 2017
Expiry Date: May 22, 2027

Project Name: Madrid Advanced Exploration Program

Licensee: TMAC Resources Inc.

Mailing Address: 181 University Ave
Suite 300, PO Box 33
Toronto, Ontario M5H 3M7

Name of Company filing Annual Report (if different from Name of Licensee
please clarify relationship between the two entities, if applicable):

Licence 2BB-MAE1727 was assigned to TMAC Resources Inc. on May 23, 2017.

General Background Information on the Project (*optional):

No activities occurred under license 2BB-MAE1727 in 2019.

Licence Requirements: the licensee must provide the following information in accordance
with

Part B ▼ Item 2 ▼

A summary report of water use and waste disposal activities, including, but not limited to: methods of obtaining water; sewage and greywater management; drill waste management; solid and hazardous waste management.

Water Source(s):	Patch Lake/Windy Lake	
Water Quantity:	108000 cu.m/yr*	Quantity Allowable Domestic (cu.m)
	0 cu. m/yr	Actual Quantity Used Domestic (cu.m)
	not specified	Quantity Allowable Drilling (cu.m)
	0 cu. m/yr	Total Quantity Used Drilling (cu.m)

*Part E, Item 1 total volume from "all sources and for all purposes"

Waste Management and/or Disposal

- ☐ Solid Waste Disposal
☐ Sewage
☐ Drill Waste
☐ Greywater
☐ Hazardous

☐ Other:

Additional Details:

No water was used or waste disposal under this licence in 2019.

A list of unauthorized discharges and a summary of follow-up actions taken.

Spill No.: N/A (as reported to the Spill Hot-line)

Date of Spill: N/A

Date of Notification to an Inspector: N/A

Additional Details: (impacts to water, mitigation measures, short/long term monitoring, etc.)

No spills occurred in this license area during 2019.

Revisions to the Spill Contingency Plan

Other: (see additional details) ▼

Additional Details:

See Section 12. of attached Annual Report Supplement for details.

Revisions to the Abandonment and Restoration Plan

Other: (see additional details) ▼

Additional Details:

Please see Section 12. of the attached Annual Report Supplement for details.

Progressive Reclamation Work Undertaken

Additional Details (i.e., work completed and future works proposed)

Please see Section 13. of the attached Annual Report Supplement for details.

Results of the Monitoring Program including:

The GPS Co-ordinates (in degrees, minutes and seconds of latitude and longitude) of each location where sources of water are utilized;

Not Applicable (N/A) ▼

Additional Details:

N/A

The GPS Co-ordinates (in degrees, minutes and seconds of latitude and longitude) of each location where wastes associated with the licence are deposited;

Not Applicable (N/A) ▼

Additional Details:

N/A

Results of any additional sampling and/or analysis that was requested by an Inspector

No additional sampling requested by an Inspector or the Board ▼

Additional Details: (date of request, analysis of results, data attached, etc.)

N/A

Any other details on water use or waste disposal requested by the Board by November 1 of the year being reported.

No additional sampling requested by an Inspector or the Board ▼

Additional Details: (Attached or provided below)

N/A

Any responses or follow-up actions on inspection/compliance reports

No inspection and/or compliance report issued by INAC ▼

Additional Details: (Dates of Report, Follow-up by the Licensee)

N/A

Any additional comments or information for the Board to consider

Please see attached Annual Report Supplement for additional information requirements set out in Licence No. 2BB-MAE1727.

Date Submitted:

March 31 2020

Submitted/Prepared by:

Oliver Curran

Contact Information:

Tel: 647.480.3106 ext. 124

Fax:

email: oliver.curran@tmacresouces.com

GPS Coordinates for water sources utilized

Source Description	UTM Easting	UTM Northing
MAE-01 Windy Freshwater Intake	432626	7550477

GPS Locations of areas of waste disposal

Location Description	UTM Easting	UTM Northing
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GPS Locations of Active Monitoring Stations not included above*

Monitoring Station	UTM Easting	UTM Northing
MAE-14	7550317	432644
MAE-15	7550458	433578
MAE-16	7547060	434748

NWB Annual Report

Year being reported: 2019

License No: 2BB-BOS1727 Issued Date: August 1, 2017
 Expiry Date: July 31, 2027

Project Name: Boston Advanced Exploration Project

Licensee: TMAC Resources Inc.

Mailing Address: 181 University Ave
 Suite 300, PO Box 33
 Toronto, Ontario M5H 3M7

**Name of Company filing Annual Report (if different from Name of Licensee
 please clarify relationship between the two entities, if applicable):**

Licence 2BB-BOS1217 was issued Aug 2, 2012 to Hope Bay Mining Ltd. Effective June 18, 2013, the NWB authorized the assignment of Licence 2BB-BOS1217 from Hope Bay Mining Ltd. to TMAC Resources Inc. The license was renewed on August 1, 2017 and renamed 2BB-BOS1727.

General Background Information on the Project (*optional):

The Boston site supports advanced mineral exploration in the south end of the Hope Bay Project. Boston Camp was reopened June 21 2019 to support a regional surface exploration program. The camp was closed December 8 2019 at the conclusion of this exploration program. Routine sampling, inspections and dewatering of water management facilities occurred during the open water season as well as waste backhaul to the Doris site via a winter track in December 2019.

Licence Requirements: the licensee must provide the following information in accordance with

Part B Item 9

A summary report of water use and waste disposal activities, including, but not limited to: methods of obtaining water; sewage and greywater management; drill waste management; solid and hazardous waste management.

Water Source(s):	Aimaokatalok (Spyder) Lake for domestic use and drilling purposes. The total quantity of water allowable by the licence is 36,500 m ³ /yr or 100 m ³ /day. There is no differentiation between quantities to be used domestically or for drilling.	
Water Quantity:	not specified	Quantity Allowable Domestic (cu.m)
	732 cu.m	Actual Quantity Used Domestic (cu.m)
	not specified	Quantity Allowable Drilling (cu.m)
	0 cu.m	Total Quantity Used Drilling (cu.m)

Waste Management and/or Disposal

☒ Solid Waste Disposal☒ Sewage☐ Drill Waste☒ Greywater☐ Hazardous☒ Other:

Fuel Farm Berm, Containment Pond and Mine Portal discharges

Additional Details:

The Boston Camp was opened seasonally to support a regional surface exploration program in 2019. Activities in 2019 included water use, effluent management and licence compliance.

Water for domestic use at Boston Camp was obtained from Aimaokatalok Lake via a 2 inch diameter submerged pipe with a DFO compliant fish screen. This intake pipe is linked to a pump house located approximately 30 metres from shore. In winter, the pump house is moved onto the ice to decrease the length of heat-traced line required to reach the location where the water is open under the ice.

Sewage and greywater produced on site is processed in the sewage treatment plant as per Part D Item 11. Effluent from the Sewage Treatment Plant is sampled for effluent quality against the discharge criteria of the licence. Effluent that meets the standards for discharge is released in accordance with the licence following a notification to the Inspector. Sludge is transported to Doris camp via winter track for disposal.

Waste produced on site was treated according to Part D of the licence, and in accordance with the relevant Management Plans (*Incineration Management Plan, Non-Hazardous Waste Management Plan, and Hazardous Waste Management Plan*). Some specifics are as follows:

- Food waste, paper waste and untreated wood waste was burned in the incinerator as per Part D Item 3.

- Solid waste that cannot be burned was transferred to the Roberts Bay waste management facility for packaging and is taken offsite for disposal.

- Drill cuttings produced under this licence are disposed of in depressions as per Part F Item 2.

- Waste hazardous materials such as waste oil, glycol, and contaminated soil are shipped to Doris either to be reclaimed or shipped offsite for disposal in an approved facility as per Part D Item 6.

- Fuel berm effluent and Containment Berm effluent is sampled for water quality against the discharge criteria of the licence. Effluent that meets the standards for discharge is released in accordance with the licence following a notification to the Inspector. Effluent that does not meet the licence criteria is treated onsite with an oil-water separator system containing activated carbon and Metsorb media until it is remediated to acceptable levels for discharge.

- The landfarm facility was decommissioned in 2019. Hydrocarbon contaminated material generated by activities under this licence will be transported to Doris for treatment/disposal.

- Effluent from the mine portal/decline is sampled in accordance with the criteria specified for Monitoring Station BOS-9.

A list of unauthorized discharges and a summary of follow-up actions taken.

Spill No.: (as reported to the Spill Hot-line)

Date of Spill:

Date of Notification to an Inspector:

Additional Details: (impacts to water, mitigation measures, short/long term monitoring, etc)

Please see section 11. of the attached Annual Report Supplement for a summary of all unauthorized discharges that occurred in 2019 under license 2BB-BOS1727.

Revisions to the Spill Contingency Plan

Additional Details:

See section 12. of attached Annual Report Supplement for details.

Revisions to the Abandonment and Restoration Plan

Additional Details:

Please see section 12. of the attached Annual Report Supplement for details.

Progressive Reclamation Work Undertaken

Additional Details (i.e., work completed and future works proposed)

Please see section 13. of the attached Annual Report Supplement for details.

Results of the Monitoring Program including:

The GPS Co-ordinates (in degrees, minutes and seconds of latitude and longitude) of each location where sources of water are utilized;

Additional Details:

Details attached.

The GPS Co-ordinates (in degrees, minutes and seconds of latitude and longitude) of each location where wastes associated with the licence are deposited;

Additional Details:

Details attached.

Results of any additional sampling and/or analysis that was requested by an Inspector

Additional Details: (date of request, analysis of results, data attached, etc)

No additional sampling or analysis was requested.

Any other details on water use or waste disposal requested by the Board by November 1 of the year being reported.

Additional Details: (Attached or provided below)

N/A

Any responses or follow-up actions on inspection/compliance reports

Additional Details: (Dates of Report, Follow-up by the Licensee)

See Section 15. of attached Annual Report Supplement for details on inspection action items and how these were addressed.

Any additional comments or information for the Board to consider

Please see attached Annual Report Supplement for additional information requirements set out in Licence No. 2BB-BOS1727.

Date Submitted:

March 31 2020

Submitted/Prepared by:

Oliver Curran

Contact Information:**Tel:** 647.480.3106 ext. 124**Fax:****email:** Oliver.curran@tmacresouces.com

GPS Coordinates for water sources utilized

Source Description	UTM Easting	UTM Northing
BOS-1a - Raw water supply intake at Spyder Lake	440855	7505584

GPS Locations of areas of waste disposal

Location Description (type)	UTM Easting	UTM Northing
BOS-2 - Containment Pond Discharge	441332	7505378
BOS-3 - Sewage Disposal Facility Final Discharge	441191	7505560
BOS-4 - Treated sewage effluent point prior to entry into Aimaokatuk (Spyder) Lake	441211	7505776
BOS-5 - Effluent from the bulk fuel storage facility prior to release	441321	7505322
BOS-6 - Effluent from the landfarm treatment facility prior to release	441274	7505317
BOS-8 - Seepage/runoff from the ore stockpiles and camp pad, monitored on the tundra east of the ore stockpiles	441272	7505473
BOS-9 - Effluent from the portal decline	441219	7505378

NWB Annual Report

Year being reported: 2019

License No: 2AM-BOS1835 Issued Date: December 7, 2018
 Expiry Date: March 30, 2035

Project Name: Boston Project

Licensee: TMAC Resources Inc.

Mailing Address: 181 University Ave
 Suite 300, PO Box 33
 Toronto, Ontario M5H 3M7

Name of Company filing Annual Report (if different from Name of Licensee
 please clarify relationship between the two entities, if applicable):

Licence 2AM-BOS1835 was issued Dec 7, 2018 to TMAC Resources Inc.

General Background Information on the Project (*optional):

No construction, operations or other activities occurred under licence 2AM-BOS1835 in 2019.

Licence Requirements: the licensee must provide the following information in accordance with

Part B Item 2

A summary report of water use and waste disposal activities, including, but not limited to: methods of obtaining water; sewage and greywater management; drill waste management; solid and hazardous waste management.

Water Source(s):	Aimoakatalok Lake/lakes proximal to drilling targets/ice road		
Water Quantity:	33000 cu.m/yr*	Quantity Allowable Domestic (cu.m)	
	0 cu. m/yr	Actual Quantity Used Domestic (cu.m)	
	503000 cu.m/yr	Quantity Allowable Domestic, Mining, Milling, Drilling, etc.	
	0 cu. m/yr	Total Quantity Used Domestic, Mining, Milling, Drilling, etc.	

**Part E, Item 1 total volume from "all sources and for all purposes"*

Waste Management and/or Disposal

- ☐ Solid Waste Disposal
☐ Sewage
☐ Drill Waste
☐ Greywater
☐ Hazardous

☐ Other:

Additional Details:

No water was used or waste disposal under this licence in 2019. Facilities listed under this licence have not yet been constructed.

A list of unauthorized discharges and a summary of follow-up actions taken.

Spill No.: (as reported to the Spill Hot-line)
 Date of Spill:
 Date of Notification to an Inspector:
 Additional Details: (impacts to water, mitigation measures, short/long term monitoring, etc.)

No spills occurred in this license area during 2019.

Revisions to the Spill Contingency Plan

Other: (see additional details)



Additional Details:

Please see Section 12. of the attached Annual Report Supplement for details.

Revisions to the Abandonment and Restoration Plan

Other: (see additional details)



Additional Details:

Please see Section 12. of the attached Annual Report Supplement for details.

Progressive Reclamation Work Undertaken

Additional Details (i.e., work completed and future works proposed)

Please see Section 13. of the attached Annual Report Supplement for details.

Results of the Monitoring Program including:

The GPS Co-ordinates (in degrees, minutes and seconds of latitude and longitude) of each location where sources of water are utilized;

Not Applicable (N/A)



Additional Details:

Facilities under this licence have not yet been constructed. No water used in 2019.

The GPS Co-ordinates (in degrees, minutes and seconds of latitude and longitude) of each location where wastes associated with the licence are deposited;

Not Applicable (N/A)



Additional Details:

Facilities under this licence have not yet been constructed. No waste disposal in 2019.

Results of any additional sampling and/or analysis that was requested by an Inspector

No additional sampling requested by an Inspector or the Board ▼

Additional Details: (date of request, analysis of results, data attached, etc.)

N/A

Any other details on water use or waste disposal requested by the Board by November 1 of the year being reported.

No additional sampling requested by an Inspector or the Board ▼

Additional Details: (Attached or provided below)

N/A

Any responses or follow-up actions on inspection/compliance reports

Inspection Report received by the Licensee (Date): ▼

Additional Details: (Dates of Report, Follow-up by the Licensee)

See Section 15. of attached Annual Report Supplement for details on inspection action items and how these were addressed.

Any additional comments or information for the Board to consider

Please see attached Annual Report Supplement for additional information requirements set out in Licence No. 2AM-BOS1835.

Date Submitted:

March 31 2020

Submitted/Prepared by:

Oliver Curran

Contact Information:**Tel:** 647.480.3106 ext. 124**Fax:****email:** Oliver.Curran@tmacresources.com

GPS Coordinates for water sources utilized

Source Description	UTM Easting	UTM Northing

GPS Locations of areas of waste disposal

Location Description (type)	UTM Easting	UTM Northing