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**December 29, 2019**

Licensing  
Nunavut Water Board  
P.O. Box 119  
Gjoa Haven, NU  
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**Re: November 2019 – Monthly Monitoring Report for Water Licence 2BB-MAE1727**

This report is comprised of monitoring requirements as set out in Part J of water licence 2BB-MAE1727 for the Madrid Advanced Exploration Program (MAEP).

No activities were conducted under this licence in November.

**Part J Item 2 Water Use Volumes**

No water used under this licence for domestic, drilling and all other purposes from all sources in November.

**Table 1. Water Usage**

| Month                   | Windy Lake (MAE-01)              |                                    | Patch Lake (MAE-02)              |                                    | Total Usage    |
|-------------------------|----------------------------------|------------------------------------|----------------------------------|------------------------------------|----------------|
|                         | Domestic Water (m <sup>3</sup> ) | Industrial Usage (m <sup>3</sup> ) | Domestic Water (m <sup>3</sup> ) | Industrial Usage (m <sup>3</sup> ) |                |
| January                 | 0                                | 0                                  | 0                                | 0                                  | 0              |
| February                | 0                                | 0                                  | 0                                | 0                                  | 0              |
| March                   | 0                                | 0                                  | 0                                | 0                                  | 0              |
| April                   | 0                                | 0                                  | 0                                | 0                                  | 0              |
| May                     | 0                                | 0                                  | 0                                | 0                                  | 0              |
| June                    | 0                                | 0                                  | 0                                | 0                                  | 0              |
| July                    | 0                                | 0                                  | 0                                | 0                                  | 0              |
| August                  | 0                                | 0                                  | 0                                | 0                                  | 0              |
| September               | 0                                | 0                                  | 0                                | 0                                  | 0              |
| October                 | 0                                | 0                                  | 0                                | 0                                  | 0              |
| November                | 0                                | 0                                  | 0                                | 0                                  | 0              |
| <b>Annual Total</b>     | 0                                | 0                                  | 0                                | 0                                  | 0              |
| <b>Annual Allowance</b> |                                  |                                    |                                  |                                    | <b>108,000</b> |

**Part J Item 3 and 4 Water Use and Waste Locations (GPS Coordinates)**

GPS coordinates of locations of water sources and waste associated with the camp and drilling activities will be kept on file when established with the Inspector. At this time, there are no water sources being used and no waste being produced under this licence.

**Part J Item 5 Daily Quantities of Effluent Discharged, Containment Pond, Bulk Fuel Storage and Quarry Pond****Table 2. Effluent Discharge**

| <b>Facility</b>                                                                  | <b>Station Code</b> | <b>Discharge Volume (m<sup>3</sup>)</b> | <b>Exceedances of Discharge Criteria</b> | <b>Discharge Location</b> | <b>Licence Reference</b> |
|----------------------------------------------------------------------------------|---------------------|-----------------------------------------|------------------------------------------|---------------------------|--------------------------|
| Madrid North Pollution Control Pond (PCP) Water at the point of discharge        | MAE-04              | 0                                       | 0                                        | Facility not constructed  | Part J Item 5            |
| Madrid South Pollution Control Pond (PCP) No. 1 water at the point of discharge. | MAE-05              | 0                                       | 0                                        | Facility not constructed  | Part J Item 5            |
| Madrid South Pollution Control Pond No. 2 Water at the point of discharge.       | MAE-06              | 0                                       | 0                                        | Facility not constructed  | Part J Item 5            |
| Madrid South Fuel Storage Area Water Sump                                        | MAE-07              | 0                                       | 0                                        | Facility not constructed  | Part J Item 5            |
| Madrid North Fuel Transfer Station                                               | MAE-08              | 0                                       | 0                                        | Facility not constructed  | Part J Item 5            |
| Madrid South Fuel Storage Area Water Sump                                        | MAE-09              | 0                                       | 0                                        | Facility not constructed  | Part J Item 5            |
| Madrid South Fuel Storage Area Water Sump                                        | MAE-10              | 0                                       | 0                                        | Facility not constructed  | Part J Item 5            |
| Quarry G Contact Water Sump                                                      | MAE-11              | 0                                       | 0                                        | Tundra Discharge          | Part J Item 5            |
| Quarry H Contact Water Sump                                                      | MAE-12              | 0                                       | 0                                        | Tundra Discharge          | Part J Item 5            |
| Quarry I Contact Water Sump                                                      | MAE-13              | 0                                       | 0                                        | Tundra Discharge          | Part J Item 5            |

**Part J Item 6 and 9 (also Part E, Item 2) Sampling at Pollution Control Ponds**

No samples were taken from monitoring station MAE-05 and MAE-06 as the containment ponds have not been constructed at this time. Monitoring of the Madrid North Contact Water Pond is reported as part of the 2AM-DOH1335 monitoring report.

**Part J Item 7 and 10 (also Part E, Item 9) Sampling at Fuel Storage Sites**

No samples were taken from monitoring station MAE-07, MAE-08 and MAE-09 as these facilities have not been constructed at this time.

**Part J Item 8 and 10 (also Part G, Item 7) Sampling at Quarry Sumps**

No samples were taken from monitoring station MAE-11, MAE-12 and MAE-13 as Quarry's are not operational.

**Part J Item 11 Sampling of Water from Madrid South Underground Mine Water Sumps**

No mining operations occurring under this licence at this time.

**Part J Item 12 Sampling at Windy Lake, Patch Lake and Wolverine Lake down gradient of Pollution Control Ponds Discharge**

No samples were taken from monitoring stations MAE-14, MAE-15 and MAE-16 during the month of November.

**Part J Item 13 (also Part F, Item 11) Under-Ice Quality Sampling**

Not applicable as on-ice drilling did not occur pertaining to licence 2BB-MAE1727 this month.

**Incident Reporting**

No incidents pertaining to this licence occurred during the month.

Should there be any questions regarding this monthly report, please contact [enviro@tmacresources.com](mailto:enviro@tmacresources.com).

Yours sincerely,



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