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**October 31, 2018**

Licensing  
Nunavut Water Board  
P.O. Box 119  
Gjoa Haven, NU  
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**Re: September 2018 – 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).

**Part J Item 2 Water Use Volumes**

No water used for domestic, drilling and all other purposes from all sources in September.

**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
<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.

# **Part J Item 5 Daily Quantities of Effluent Discharged, Containment Pond, Bulk Fuel Storage and Quarry Pond**

**Table 2. Effluent Discharge**

Facility	Station Code	Discharge Volume (m <sup>3</sup> )	Exceedances of Discharge Criteria	Discharge Location	Licence Reference
Madrid North Pollution Control Pond (PCP) Water at the point of discharge	MAE-04	0	0	Tundra Discharge	Part J Item 5
Madrid South Pollution Control Pond (PCP) No. 1 water at the point of discharge.	MAE-05	0	0	Tundra Discharge	Part J Item 5
Madrid South Pollution Control Pond No. 2 Water at the point of discharge.	MAE-06	0	0	Tundra Discharge	Part J Item 5
Madrid South Fuel Storage Area Water Sump	MAE-07	0	0	Tundra Discharge	Part J Item 5
Madrid North Fuel Transfer Station	MAE-08	0	0	Tundra Discharge	Part J Item 5
Madrid South Fuel Storage Area Water Sump	MAE-09	0	0	Tundra Discharge	Part J Item 5
Madrid South Fuel Storage Area Water Sump	MAE-10	0	0	Tundra Discharge	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-04, MAE-05 and MAE-06 as the containment ponds have not been constructed at this time.

## **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 at this time.

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

These ponds have not been constructed at this time. The proposed monitoring locations for MAE-14, MAE-15 and MAE-16 are provided in Figure 1 below. Water quality samples were taken from monitoring stations MAE-14, MAE-15 and MAE-16 during the month of September. Results of this sampling is provided in Appendix A of this report.

**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.

**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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Figure 1. 2BB-MAE1727 SNP Monitoring Locations

