



MELIADINE DIVISION

## **Monitoring Program Summary Report**

**February 2017**

Type A Water License 2AM-MEL1631

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## **SECTION 1 • BACKGROUND**

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As required under Part I, Item 10 of Type A Water License 2AM-MEL1631, this report documents the water management and monitoring activities at the mine site for the month.

In addition, a summary of spills/actions for the month is reported.

## **SECTION 2 • WATER MANAGEMENT**

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### **2.1 WATER USAGE**

No water was used under this License from MEL-01 or for dust suppression.

### **2.2 DEWATERING ACTIVITIES**

No dewatering activities occurred in February.

### **2.3 CP1**

No water has been retained or transferred from CP1. The dike D-CP1 is being built.

### **2.4 SEEPAGE AND RUNOFF FROM THE LANDFILL**

The landfill is currently not in operation therefore no seepage or runoff was observed.

### **2.5 SEWAGE TREATMENT PLANT**

The sewage treatment plant under this license is not in use yet. Construction is ongoing.

### **2.6 CONTAINMENTS**

No water was discharged from any containments pertaining to this license.

## **SECTION 3 • MATERIAL MANAGEMENT**

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### **3.1 LANDFILL / LANDFARM**

The Landfill is currently not in operation, so no material was placed in it.

The Landfarm is currently not in operation, so no material was placed in it.

### **3.2 ORE**

No ore has been piled or processed.

### **3.3 WASTE ROCK STORAGE FACILITY**

In the month of February, no waste rock was placed in the waste rock storage facility. A total of 12,838 m<sup>3</sup> of rock were mined underground for ramp advancement and used for construction purposes (e.g. road, dikes, etc).

### **3.4 TAILINGS**

No tailings have been stored to date.

## SECTION 4 • SPILL MANAGEMENT

In the month of February, there was no reportable spill which occurred. Table 4.1 depicts the internal reported spills for the Meliadine Project.

**Table 4.1: Summary of AEM Internal Spill Reports**

Date of Spill	Hazardous Material (Fuel, Oil, etc.)	Quantity (L)	Location	Cause of spill	Clean-up action taken
2/5/2017	Waste oil	15	Portal	Improper communication. Leaking tote was tipped back to standard orientation causing leak.	Contaminated snow picked up and disposed of adequately
2/6/2017	Diesel	0.5	Industrial Pad	Fuel overflowed during refueling because the new nozzle doesn't have an automatic shut off.	Contaminated snow picked up and disposed of adequately
2/7/2017	Diesel	0.5	Camp	Spill during re-fueling operations.	Contaminated snow picked up and disposed of adequately
2/18/2017	Engine Oil	3	Industrial Pad	Mechanical issue under pick-up truck.	Contaminated snow picked up and disposed of adequately
2/18/2017	Engine oil	1	Maintenance Shop	Parked pick-up truck leaking.	Contaminated snow picked up and disposed of adequately
2/24/2017	Antifreeze	1.5	Portal	Leak due to cold weather.	Contaminated snow picked up and disposed of adequately
2/27/2017	Hydraulic Oil	1	Industrial Pad	After a repair job on the loader, hydraulic fluid on the interior pan leaked onto the ground due to the loader being parked on a slope.	Contaminated snow picked up and disposed of adequately
2/28/2017	Antifreeze	1.5	Site Roads	The fan belt broke and the equipment overheated resulting in an anti-freeze spill (leak) on the ground.	Contaminated snow picked up and disposed of adequately