

**NWB Annual Report**

**Year being reported:** 2008

**License No:** 2BE-MEP0813 **Issued Date:** June 17, 2008  
**Expiry Date:** October 31, 2013

**Project Name:** Meliadine East Project

**Licensee:** Meliadine Resources Ltd.

**Mailing Address:** 2600 - 595 Burrard Street  
 PO Box 49314  
 Vancouver, B.C.  
 V7X 1L3

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

Riverside Geoscience Inc. (operator of the 2008 field program for Meliadine Resources Ltd. under a Management Services Agreement)

**General Background Information on the Project (\*optional):**

Exploration programs have been conducted on the Meliadine East project, by several different operators, since the early 1990's. The camp site has been on care and maintenance since 2000, with the exception of a short exploration program in 2003. Meliadine Resources Ltd. acquired the project in 2007 and initiated renewed exploration activities at the site in 2008.

**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): | Atulik Lake for domestic use and Chickenhead Lake for drilling |                                      |
| Water Quantity:  | 2 m <sup>3</sup> /day  | Quantity Allowable Domestic (cu.m)   |
|                  | 0.946 m <sup>3</sup> /day                                      | Actual Quantity Used Domestic (cu.m) |
|                  | 28 m <sup>3</sup> /day/drill                                   | Quantity Allowable Drilling (cu.m)   |
|                  | 27.5m <sup>3</sup> /day/drill                                  | Total Quantity Used Drilling (cu.m)  |

**Waste Management and/or Disposal**

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

**Additional Details:**

Exploration work at the Meliadine East project site for 2008 consisted of 3,879 metres of diamond drilling focused on the Discovery deposit.

of diamond drilling focused on the Discovery deposit.

Water is used for both domestic and industrial purposes at the site. Domestic uses include: water required for cooking, cleaning, showers, etc. and averages 0.946 cu.m. per day sourced from Atulik Lake. The water required for drilling is currently the only industrial water use at the site. Drilling utilizes approximately 27.5 cu.m. per day per drill unit. Water required for drilling is sourced from a large lake proximal to drill site. All intake hoses have screens installed to prevent the entrapment of fish.

All combustible waste and garbage is burned in a diesel-fired incinerator on site and all residue from incineration and non-combustible refuse is sent to the land fill in Rankin Inlet for disposal. Grey water from camp operations (domestic uses) is deposited in a natural depression near the kitchen building. Drill water is deposited in a natural depression on land.

#### 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)

#### Revisions to the Spill Contingency Plan

Other: (see additional details) ▼

Additional Details:

An addendum to the Spill Contingency Plan was submitted to NWB on July 9, 2008 as requested by NWB under the terms and conditions of Licence No. 2BE-MEP0813.

#### Revisions to the Abandonment and Restoration Plan

AR plan submitted and approved - no revision required or proposed ▼

Additional Details:

#### Progressive Reclamation Work Undertaken

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

Extensive clean up and refurbishment was completed at the Discovery camp in 2008, as part of a progressive reclamation program for the site. See attached supplemental information for details of reclamation work completed.

#### 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 described below ▼

Additional Details:

Camp (domestic) use: 62deg 55min 49sec N / 91deg 54min 50sec W  
Discovery area Drilling: 62deg 57min 25sec N / 91deg 55min 45sec W

**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 described below ▼

Additional Details:

Sump for the deposition of greywater: 62deg 55min 48sec N / 91deg 54min 51sec

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

Select ▼

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

Inspector sampled water from Atulik Lake during inspection visit. Proponent has not yet received a copy of the results from the analysis.

**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)

**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)

Inspection report was received on August 13, 2008. Secondary containment systems for the drummed fuel used at the site are currently being sourced for installation prior to the start of the 2009 program. Water flow meters are also being sourced for the domestic water intake and for the drill supply pumps. These meters will be installed prior to the start of the 2009 program.

**Any additional comments or information for the Board to consider**

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|-------------------------------|---|-------------|--------------|-------------|--------------|---------------|--|
| <b>Date Submitted:</b>        | March 25, 2009  |             |              |             |              |               |  |
| <b>Submitted/Prepared by:</b> | Roger March   |             |              |             |              |               |  |
| <b>Contact Information:</b>   | <table border="1"> <tr> <td><b>Tel:</b></td> <td>604-241-4566</td> </tr> <tr> <td><b>Fax:</b></td> <td>604-241-4586</td> </tr> <tr> <td><b>email:</b></td> <td><a href="mailto:rogermarch@shaw.ca">rogermarch@shaw.ca</a></td> </tr> </table> | <b>Tel:</b> | 604-241-4566 | <b>Fax:</b> | 604-241-4586 | <b>email:</b> | <a href="mailto:rogermarch@shaw.ca">rogermarch@shaw.ca</a> |
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