

## Richard Dwyer

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**From:** Aguirre, Christopher [christopher.aguirre@tc.gc.ca]  
**Sent:** Wednesday, November 10, 2010 9:02 AM  
**To:** 'Richard Dwyer'  
**Subject:** RE: 1BR-MDR---- Metal Dump Remediation Project  
**Attachments:** Monitoring Plan.pdf; Remediation Action Plan.pdf; Nov 10 Water Licence Application Form-ITME.pdf; Iqaluit LTU Spill Contingency Plan Landfill Remediation.pdf

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Hi Richard,

I have modified the NWB application to show the change in the proposed time schedule.

Please see the following response to the questions:

1. A Spill Contingency Plan (SCP);

There are no petroleum storage tanks on site and no refueling. Please refer to the Spill Contingency Plan, Preparedness and Response document attached

2. A Remediation Action Plan;

RAP is located in the Franz Report Phase I/II SEA Iqaluit Metal Dump, 2009. Located in Section 10.0, page 60 Option 1B. I have attached a copy of the RAP for the Iqaluit Metal Dump

3. Details on whether any contaminated soil will be transported to a landfill facility away from the site being remediated;

If contaminated soil is found on site it will be sent to the landfarm at the airport that TC operates.

4. Confirmation on whether the access ramp/road to base of dump involves any river crossing; and

No river crossings. DFO (Amy Lou) was on site in 2008 and provided advice in an e-mail (see below).

5. Specific details on what the long-term monitoring program will entail.

Monitoring will depend on the outcome of the remediation but will require soil/water/veg sampling over several years. This is also addressed in the above report.

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Hi Mike and Earle.

Thank you for the notice of the scrap metal removal project in Iqaluit. The documents provided are sufficient for DFO to conduct a review of the scrap metal removal project under the *Fisheries Act*.

I have reviewed the project description entitled, "Metal Removal from Transportation Canada Site", prepared by the Government of Nunavut, dated July 31, 2009. The proposal has been reviewed to determine whether it is likely to result in impacts to fish and fish habitat which are prohibited by the habitat protection provisions of the *Fisheries Act*.

It is my understanding that the proposal involves the following:

- no digging to remove the scrap metal from site;
- only metals that are exposed will be removed; and,
- metal pieces that are partially buried will be pulled or lifted from the ground using a large, powerful magnet.

DFO has particular concern with the removal of metal pieces that are partially buried. The activity of pulling or lifting the partially-buried metal pieces from the ground that is adjacent to the watercourse or waterbody may result in the release of sediment downstream into fish frequented waters. To reduce potential impacts to fish and fish habitat in Sylvia Grinnell River, we are recommending the following mitigation measures be included into the plans:

- All materials and equipment used for the purpose of all work should be operated and stored in a manner that prevents any deleterious substance (e.g. petroleum products, silt, debris, etc.) from entering the water.
- Vehicle and equipment re-fuelling and maintenance should be conducted above the ordinary high water mark of any water body.
- Sediment and erosion control measures should be implemented prior to work, and maintained during the work phases, to mitigate the impacts to fish habitat.

Provided that the additional mitigation measures described above are incorporated into the plans, DFO has concluded that the proposal is not likely to result in impacts to fish and fish habitat.

The proponent will not need to obtain a formal approval from DFO in order to proceed with this proposal.

Please be advised that any impacts to fish and fish habitat which result from a failure to implement this proposal as described or incorporate the additional mitigation measures included in this letter could lead to corrective action such as enforcement.

Feel free to contact me if you have any questions.

Thank you.

**Amy Liu**

Habitat Management Biologist  
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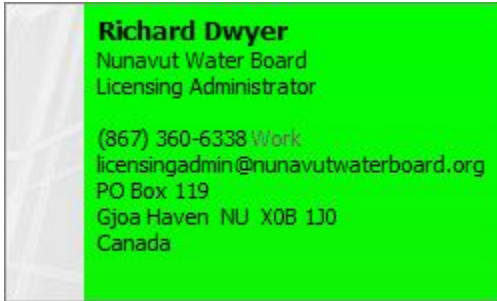
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**From:** Richard Dwyer [mailto:[licensingadmin@nunavutwaterboard.org](mailto:licensingadmin@nunavutwaterboard.org)]  
**Sent:** Tuesday, November 02, 2010 11:13 AM

**To:** Aguirre, Christopher  
**Subject:** FW: 1BR-MDR---- Metal Dump Remediation Project

Resent



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**From:** Richard Dwyer [mailto:licensingadmin@nunavutwaterboard.org]  
**Sent:** Tuesday, November 02, 2010 9:49 AM  
**To:** 'christopheraguirre@tc.gc.ca'  
**Cc:** 'Sean Joseph'  
**Subject:** 1BR-MDR---- Metal Dump Remediation Project

Good morning Christopher,

As discussed over the telephone attached is a letter requesting list of deficiencies for the application and yes you may submit the deficiencies by e-mail.

Regards,

