



# Giant Mine Remediation Project

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## Giant Mine Working Group

### 12 February 2015 Meeting Summary

**DRAFT**

13 February 2015



Aboriginal Affairs and Northern Development Canada  
Affaires autochtones et Développement du Nord Canada



# Giant Mine Remediation Project

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# Giant Mine Remediation Project

## 1. INTRODUCTION

The Giant Mine Remediation Project (GMRP) Team organized a meeting of the Giant Mine Working Group (GMWG, or simply WG). The meeting was held in the 1<sup>st</sup> floor Boardroom of the Greenstone Building in Yellowknife, NT, and was scheduled from 10:00 am to 12:00 pm MT on January 23, 2015. The meeting was adjourned by 11:30 am.

Meeting participants included members of the GMRP team, as well as representatives from the Interested Parties.

Giant Mine Remediation Project Team	Team Member
Aboriginal Affairs and Northern Development Canada (AANDC)	Jane Amphlett Natalie Plato Katherine Ross
Public Works and Government Services Canada (PWGSC)	Linda Pickett
Government of Northwest Territories (GNWT) – Department of Environment and Natural Resources (ENR)	Erika Nyyssonen
GMRP Interested Party	Representative
Environment Canada (EC)	Amy Sparks
Department of Fisheries and Oceans (DFO)	Morag McPherson
City of Yellowknife (City)	Wenyan Yu
Alternatives North (AN)	Kevin O'Reilly
Yellowknives Dene First Nation (YKDFN)	Johanne Black
North Slave Metis Alliance (NSMA)	Shin Shiga
Health Canada (HC)	Kenneth Law (on telephone)
Other	Representative
Bill Slater Environmental Consulting	Bill Slater (on telephone)

\*Notes were taken by Krista Amey, DPRA.

## OBJECTIVES

The intent of this meeting:

- Review previous minutes and action items
- Provide a site update

## MEETING MATERIALS (PROVIDED IN APPENDICES)

- Appendix A: *Meeting Agenda*
- Appendix B: *Project Governance Framework (February 12, 2015)*



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## 2. ADMINISTRATIVE MATTERS

### DISCUSSION OF MINUTES OF DECEMBER 11 MEETING

Jane Amphlett (AANDC) tabled the minutes of the January 23<sup>rd</sup> meeting. Comments were received from Kevin O'Reilly (AN) and Asish Mohapatra (HC). No further comments will be received and the meeting summary will be finalized and circulated.

### ACTION ITEMS FROM JANUARY 23 MEETING

Jane ran through the status of action items declared at the previous meeting.

1. **AANDC to provide additional info on org chart, such as the list of members of the committees associated with the organization chart/Project.**

Status: Complete

Natalie provided a chart identifying the Project Governance Framework (February 12, 2015; Appendix B). Kevin asked if the chart could be provided electronically and stated that it would be helpful to be reminded of the different roles and responsibilities of each of the committees. Natalie said that she would circulate a digital version of the chart and in the same email, would provide a description of each of the bodies and their roles and responsibilities. Completed Feb 12, 2015.

2. **Linda to provide -management plan for air monitoring response and dust mitigation onsite.**

Status: Outstanding

Linda indicated that is still in progress and added that there will be discussions tomorrow. They will try to push to have this done prior to snow melt.

3. **Jane and Erika will continue to look into developing high-level summary work plans for 2015/16.**

Status: Outstanding

It was suggested to combine this action item with #16. Anticipated for April.

4. **Sue Moodie to provide additional info on the 23 studies referenced in her November 13 presentation, as well as the Sa Dena Hes work.**

Status: Complete.

Kevin provided this information by e-mail February 11th.

5. **Linda to send details on the dispersion modelling to DPRA for inclusion of the November meeting summary.**

Status: Complete. Linda provided this information in an email on February 3<sup>rd</sup>.

In a follow-up email, Johanne had asked for some additional information on how it relates to human health risk. Jane said that the Human Health Risk Assessment (HHRA) will look at similar receptor pathways (for example inhalation) as the dispersion modelling and the HHRA will look

Commented [KA1]: When and how – I don't think I received the email





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at additional information and pathways (for example soil ingestion). Bill indicated that the results of the modelling were provided but not details on how it was conducted. There was a short discussion on the value of including these details and Jane proposed that, in the spring, the Project presents an update on the air monitoring program. Johanne asked if the presentation could be sooner due to concerns of potential dust entering the community and learn of what mitigation is being proposed.

Kevin indicated that it would be helpful to receive a review of the air quality monitoring program (AQMP), because he feels the early-warning system is not working well. Jane responded that activity-specific monitoring is in place, which is standard practice. She suggested that in April updates could be provided on the AQMP and dust mitigation, and by Chris Doupe on the results of the broader environmental monitoring program from 2014. Erika asked Johanne if Giant Mine Advisory Committee (GMAC) would also like to receive these presentations; Johanne said yes.

**6. Jane will look into feasibility of providing the percentages of employment / training committed to under AOC by contractors. Clarify definitions.**

Status: Outstanding.

**7. Re C-Shaft deconstruction**

**a) Natalie to report back on the input received from parties.**

Natalie indicated that presentations were made to the YKDFN Elders' Committee and the project team is awaiting feedback. Once all comments have been received, they will compile and circulate.

Jane said that they are drafting the development permit application for the City (which will include C-shaft) and will also contain the application for the demolition permit. Fotenn is assisting AANDC with the application and there will be discussions with the City. The regulatory group has confirmed that no other permits are triggered by this process.

Kevin stated that he is happy to hear that the Project is working with the City to get proper permitting.

Johanne said that YKDFN Chief and Council will be meeting tonight and will sign off on the recommendations put forth to deconstruct the C-Shaft in full. She should be able to provide the response by Monday or Tuesday of next week.

**b) Jane to look into videotaping the deconstruction of the C-Shaft.**

Jane indicated that she has flagged this with the communications group.

**8. Johanne to forward posters from the GMAC meeting to Mark Richardson.**





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Status: Complete.

**9. Mark to provide pros and cons of the different approaches to HHRA**

Status: Complete. Jane provided these in an email on February 4<sup>th</sup>.

**10. Mark to provide plain language clarification on what the Giant HHRA will cover and what public concerns it won't address.**

Status: Complete. Jane provided these in an email on February 4<sup>th</sup>.

Jane said that Mark is trying to wrap up his work and will present to the WG in May. The schedule will depend on how quickly a new contract can be put in place for the new fiscal year in April.

**11. Katherine to follow up with the LWB to see if they have any representatives that could regularly attend the WG meetings.**

Status: Complete

Katherine will continue to attempt to find out if anyone from the Mackenzie Land and Water Board (LWB) can regularly attend the WG meetings. \*\*After the WG meeting, the Mackenzie Land and Water Board (LWB) indicated that they would not be attending regular meetings, however can remain on the distribution list for information only.

Commented [LP2]: I believe Katherine said she had done this?

**12. Erika will review contents of the LWB registry (inspection reports, etc.).**

Status: Complete.

Erika said that the LWB has all of the minutes and the latest inspection reports. Katherine said that when she is speaking with them regarding meeting attendance, that she will also ask about if the meeting summaries will be posted and what other documents they will be posting.

Erika said that the Project has developed a process to facilitate consistent correspondence and timing of outputs from the WG meetings. She will be sending out a series of meeting schedulers and they have set firm deadlines for the draft meeting summaries, WG review and finalized versions.

**13. Shin will provide names of NSMA members available to participate in engagement process.**

Status: In progress.

Shin said that they are still discussing this internally. He indicated that they are trying to determine the best process to collect traditional knowledge (TK) and conduct engagement. Jane clarified that the proposed engagement on surface remediation will not replace any other requested engagement activities.

**14. Project team to research contracting options, including companies on AANDC and PWGSC SOAs and expertise with HHRA and stress assessment.**

To be discussed during the March WG meeting.





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### **15. Project to confirm overall response to ongoing MSA concerns from parties.**

Jane proposed that, at the May WG meeting, the Project present the scope of work, plan and process for the materials storage area (MSA) management. Kevin said that is good and added that he wanted to see internal project inspections and non-reportable leaks / spills included in the semi-annual reports submitted to the LWB. He said it would be nice to know when spills from the MSA occur and how they are reported.

Bill asked if the procedure that will be presented in May will be the final version or whether the Parties will be able to provide input. Linda said that she can determine if the scope of work can be circulated to the WG earlier, to allow for feedback to be incorporated into a finalized version.

### **16. Project team to provide quarterly updates to table of EA measures to track progress.**

It was suggested to combine this action item with #3.

Kevin indicated interest in reviewing the updated workplan and table. Erika said that they are aiming for April.

### **17. Project team prepare flow chart to demonstrate the engagement process and it's linkage to the larger Project Plan, in addition to development of 'Giant Atlas'.**

Jane proposed that this be presented at the April WG meeting.

### **18. Project team respond via letter to YKDFN engagement strategy concerns.**

Status: Near completion.

Natalie said that it will be going out this week. Completed Feb 13, 2015.

Jane stated that the Project is trying to plan the agendas of the upcoming WG meetings. The March meeting will be to discuss contracting of the HHRA and stress assessment. In April, topics to be discussed will include environmental and air quality monitoring and surface engagement. In May, topics to be discussed will include the HHRA work completed by Mark Richardson (Stantec) and potentially the MSA (unless this is advanced to allow input from parties). Natalie said that table could be circulated for proposed agenda items.

Shin asked if the WG could use Google Drive to share documents. Jane and Katherine indicated that the federal government would not be permitted to use it due to security issues.

## **3. SITE UPDATE**

Jane provided an update of site activities.

### **PUBLIC FORA**

Public fora are planned for February 25<sup>th</sup> and 26<sup>th</sup> in N'Dilo and Yellowknife, during which the results of the Roaster demolition, upcoming plans, EA Measures and Suggestions will be presented.





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## ROASTER

The buildings have been demolished and there remains some last work that needs to be done, specifically **scraping** and demobilization.

## UNDERGROUND WORK

The underground stabilization work will continue this year.

Over the winter tailings have been excavated and put in the white building in the Central tailings area, known as the "Norseman Structure". The stock piled tailings and the excavated area have been capped with ice.

Paste will be delivered for next season. Filling of the underground will be one of the main activities of this season. 45,000 m<sup>3</sup> of paste is anticipated to be produced and delivered for the filling of the stopes in 2015. This will include non-arsenic stopes A3-70, B3-06, B3-10mid and B1-18 and arsenic stopes B2-08 and B2-12 to 14. The non-arsenic stopes have an approved work plan from the MVLWB, however the arsenic stopes still require an approved work plan, which should be finalized by May/June.

The Parties asked if they could receive a tour when the work is being conducted, to observe how vehicles and materials move around. The Parties indicated that they would leave it up to the Project to decide on the best time for a site visit.

## OTHER UPDATES

Adrian Paradis will be submitting the final environmental liner plan to the LWB next week and the WG can view it through the LWB registry.

Last of the containers expected in February but will be waiting until June when materials are thawed before filling the containers.

The Niven Lake air monitoring station plan is waiting for AANDC legal counsel to review. The art piece associated with the station is being determined through consultation with the Niven community. It will be a full station with fencing, which will increase the footprint.

## 4. NEXT WORKING GROUP MEETING

The next WG meeting will be held on Thursday March 12, 2015. ACTION ITEMS

Action Item	
1.	Linda to provide Standard Operating Procedure (SOP) for air monitoring response and dust mitigation onsite.
2.	Jane and Erika will continue to look into developing high-level summary work plans for 2015/16 and update the planning table of EA measures incorporating input from the





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	parties.
3.	Linda to check with Chris Doupe regarding the timing of presentation to the WG on the monitoring results from 2014.
4.	Jane and Linda will look into feasibility of providing the percentages of employment / training committed to under AOC by contractors. Clarify definitions
5.	Katherine to follow up with the LWB to see if they have any representatives that could regularly attend the WG meetings
6.	Shin will report back on how and which NSMA members wish to participate in engagement activities, including the surface engagement process.
7.	Linda to determine if the scope of work for MSA management can be circulated to the WG in advance of May, to allow for feedback to be incorporated into a finalized version.
8.	Project to decide when is a good time for the Parties to have a site visit.
9.	Erika to send out the footprint size and location of the Niven Lake Air Quality Monitoring Station.

## 5. Upcoming Agenda Items

Date	Topic	Status
March 12, 2015	<ol style="list-style-type: none"> <li>Contracting options for HHRA and stress assessment</li> <li>Engagement Schedule</li> </ol>	<ol style="list-style-type: none"> <li>Confirmed</li> <li>Tentative</li> </ol>
April 2015	<ol style="list-style-type: none"> <li>Environmental and Air quality monitoring</li> <li>Surface engagement</li> </ol>	
May 2015	<ol style="list-style-type: none"> <li>MSA</li> <li>HHRA work completed by Mark Richardson (Stantec)</li> <li>Dust SOP</li> </ol>	
June 2015		
July 2015		
August 2015		
September 2015		





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## APPENDIX A – MEETING AGENDA



Aboriginal Affairs and  
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## APPENDIX B – PROJECT GOVERNANCE FRAMEWORK AND UPDATE ORGANIZATIONAL CHART

