



# Giant Mine Environmental Assessment

## IR Response

Round One: Information Request - City of Yellowknife #13

June 17, 2011

### INFORMATION REQUEST RESPONSE TEMPLATE

**EA No: 0809-001**

**Information Request No: City of Yellowknife #13**

**Date Received**

February 28, 2011

**Linkage to Other IRs**

**Date of this Response**

June 17, 2011

**Request**

***Preamble:***

In 2008 the City completed a report entitled Northwest Territories Science and Technology Park Yellowknife Facility which looked at the business case for the establishment of a Northern Science and Technology Centre. The Centre was envisioned to promote research and development relating to environmental stewardship, traditional knowledge, and northern approaches to innovative technology based on partnerships with various levels of government and organizations. A portion of the Facility was envisioned to be constructed around the Con Mine site which has the potential to attract investment based on the brownfield redevelopment potential and the geothermal district that is currently being pursued by the City. The City is currently in the process securing funding for a \$60 million investment for a district geothermal system that will draw energy from Con Mine for distribution to buildings in the Downtown core.

Based on the significant financial investment which INAC is making in this project, the City sees incredible potential for training and education, economic development, and innovation to be major components of the remediation project. The DAR discusses INAC's emphasis on promoting positive social and economic impacts for communities in all its contaminated sites projects through employment training, supporting local business, economic opportunities for First Nations, and so on. While this is identified in the Plan, there is no clear strategy as to how this will be achieved or how the local communities will be engaged. It appears that the opportunities for leveraging socioeconomic benefits will be diminished if these strategies are not fully considered by the Communities during the remediation planning stages.

***Question:***

1. Based on the City's interest in the redevelopment potential of the Giant Mine site and the innovative technology which is being applied to freeze in place the arsenic trioxide, please elaborate on whether value-added benefits or innovative synergies have been explored with regards to economic development opportunities, building innovation, or training and education.





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2. Please outline what training and education opportunities or research and development opportunities exist with reference to the Giant Mine remediation plan and the City's plans for a Northern Science and Technology Centre as outlined in the Northwest Territories Science and Technology Park Yellowknife Facility. Which opportunities exist for the immediate term (i.e. 5-10 years) and which opportunities existing for the long-term (i.e. 10-50 years)?
3. Please identify what local organizations have been approached with reference to economic developing, education or building innovation opportunities. What organizations might be approached to mobilize capacity in this area?
4. Please elaborate on what process is in place for the Communities to be engaged so that the socioeconomic benefits of the Giant Mine Remediation process are maximized.
5. Please elaborate on what visitor education and access will be provided on site with regards to the legacy of Giant Mine, the remediation process, and the innovative technologies employed.

### Reference to DAR (relevant DAR Sections)

S. 1.6.2 Socio-Economic Opportunities  
s. 1.7.3 Policies and Guidelines

### Summary

To the extent possible of federal and territorial policies the Giant Mine Remediation Project Team (Project Team) will support economic development opportunities, innovation and training.

The Giant Mine Remediation Project (Remediation Project) is expected to generate considerable employment and business activity for local firms, and the Project Team is planning to access Government of Canada seed funding for worker training as part of the project.

The Project Team is familiar with the Northwest Territories Science and Technology Park - Yellowknife Facility. Discussion with the City on collaboration opportunities have to include other federal government agencies as such initiatives represent the broader Government of Canada interests in the North.

The Project Team delivered an Industry Day information session on September, 14, 2010 on the Remediation Project and the associated contract opportunities. The forum attracted 71 individuals from local northern and Aboriginal businesses, as well as southern firms from across Canada. Public Works and Government Services Canada (PWGSC) requested suppliers to submit their Company Profiles. As a result 21 Company Profiles were submitted to the Project Team. An additional Industry Day information session was held for the Yellowknives Dene First Nation on October 25, 2010 and another was held on May 31, 2011 for the Łutsel K'e Dene First Nation. The Project Team has contacted other First Nations



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including the Tlicho Government, Northwest Territories Métis Nation and North Slave Métis Alliance to conduct additional Industry Day information sessions.

The Project Team regularly conducts tours of the mine site which include presentations on the past and current state of the site as well as technologies used in the Remediation Project.

### Response 1

To the extent possible of federal and territorial policies the Project Team will support economic development opportunities, innovation and training.

### Response 2

The remediation of Giant Mine is expected to generate considerable employment and business activity for local firms in the 5-10 year time frame. In the longer term, up to 50 years, some opportunities will continue and be linked to operation and maintenance of facilities (e.g., the Water Treatment Plant), and environmental monitoring. The Government of Canada typically provides seed funding for worker training as part of these remediation projects; the Project Team is planning to use such an approach.

The Project Team provided input during the development of the Northwest Territories Science and Technology Park - Yellowknife Facility and thus is familiar with the recommendations relevant to Giant Mine (e.g., research and development in block freezing and general mine remediation; source of geothermal energy; host site for mining and mine remediation training programs). The Project Team is open to discussions of collaboration and support regarding the City's initiative, NWT Science and Technology Park - Yellowknife Facility. These discussions will have to include other federal government agencies as such initiatives represent the broader Government of Canada interests in the North (e.g., Northern Strategy; plan for CHARS; HRSDC training and skills development initiatives; other federal sources of funding; etc.).

### Responses 3 and 4

The Project Team delivered an Industry Day information session on September, 14, 2010 on the Remediation Project and the associated contract opportunities.

The objectives of Industry Day were:

1. to increase local awareness of the Remediation Project and the anticipated work;
2. to provide the Project Team with information on industry capacity in terms of local Contractor and Aboriginal capabilities, manpower and resources, heavy construction and specialized equipment, unique skills and support services, material and product suppliers, equipment rentals, rental accommodations, and training programs; and
3. to inform the Procurement Strategy for the Remediation Project.





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To promote Industry Day a notice was posted on MERX (<http://www.merx.com>) on July, 20, 2010 and advertised across Canada. Additional ad's were placed in News North, Yellowknifer, L'Aquilon on September 6, 2010 and thirty second radio spots on CBC Radio, CKLB-Native Communications Society and Radio Taiga. Industry Day notices was also posted on the Government of the Northwest Business Incentive Program (BIP) website (<http://www.iti.gov.nt.ca/iea/bip/index.htm>). In addition, the Yellowknives Dene First Nation, Tlicho Government, Akaitcho First Nation, North Slave Métis Alliance and Northwest Territories Métis Nation were notified about Industry Day and the MERX postings. In case of the Tlicho Government the notification also fulfilled Comprehensive Land Claim Agreements require the Federal Government place public notices for contract information sessions related to MERX postings.

The forum attracted 71 individuals from local northern and Aboriginal businesses, as well as southern firms from across Canada. PWGSC requested suppliers to submit their Company Profiles. As a result 21 Company Profiles were submitted to the Project Team.

### Company Participating in Giant Mine September 2010 Industry Day in Yellowknife, NT

Company	Company Location
Det'on Cho Corporation J.V. Profile	Yellowknife, NT
Northern Industrial Sales	Yellowknife, NT
WESA Inc.	Yellowknife, NT
Ron's Auto Service Ltd.	Yellowknife, NT
Tlicho Eng. & Env. Services Ltd.	Yellowknife, NT
ARKTIS SOLUTIONS	Yellowknife, NT
Break-Away Drilling & Blasting	Yellowknife, NT
Denesoline Corporation	Lutsel K'e, NT
ROWES Construction Ltd.	Hay River, NT
PCL Const. Management Inc.	Edmonton, AB
Kiewit Infrastructure Group	Edmonton, AB
Nelson Env. Remediation Ltd.	Edmonton, AB
SUMMIT Env. Consultants Ltd.	Calgary, AB
Clean Harbors	High River, AB
HAZCO Environmental Services	Winnipeg, MB
Quantum Murry LTd.	Richmond, BC
SLR Consulting (Canada) Ltd.	Victoria, BC
Mindecom Ind Constructors Ltd.	Sudbury, ONT
North American Const (1993) Ltd.	Morrison, ONT
C.M.J. Consultants Inc.	Shawinigan, PQ
Flat Iron Heavy Civil Inc.	Victoria, BC
Morgan Construction Ltd.	Calgary, AB





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Subsequently, Industry Day information sessions were held for the Yellowknives Dene First Nation on October 25, 2010 and for Łutsel K'e Dene First Nation on May 31, 2011. The Project Team has contacted other First Nations including the Tlicho Government, Northwest Territories Métis Nation and North Slave Métis Alliance to conduct additional Industry Day information sessions.

The Project Team has committed to holding further Industry Day information sessions in the DAR, Table 13.13.2 Looking Forward: The Consultation and Engagement Plan. Additional community meetings, public sessions and information sessions will be held to inform Aboriginal, local and northern businesses about the opportunities the Remediation Project has and inform the Project Team about local resources.

### Response 5

Giant Mine is a significant part of Yellowknife's social and industrial history and deserves recognition for this role. The Project Team regularly conducts tours of the mine site which include presentations on the past and current state of the site as well as technologies used in the Remediation Project. Please refer to the Project Team's response to City of Yellowknife Information Request #10 for more information.

