

RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
Public Works and Government Services Canada
ATB Place North Tower
10025 Jasper Avenue
Edmonton
Alberta
T5J 1S6
Bid Fax: (780) 497-3510

SOLICITATION AMENDMENT
MODIFICATION DE L'INVITATION

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions of the Solicitation remain the same.

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'invitation demeurent les mêmes.

Comments - Commentaires

Vendor/Firm Name and Address
Raison sociale et adresse du
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution
Public Works and Government Services Canada
Northern Contaminated Site Program
ATB Place North Tower
10025 Jasper Avenue
Edmonton
Alberta
T5J 1S6

Title - Sujet Great Slave Lake Remediation	
Solicitation No. - N° de l'invitation EW699-150150/B	Amendment No. - N° modif. 003
Client Reference No. - N° de référence du client AANDC-EW699-150150	Date 2015-01-06
GETS Reference No. - N° de référence de SEAG PW-\$NCS-107-10323	
File No. - N° de dossier NCS-4-37027 (107)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2015-01-23	Time Zone Fuseau horaire Mountain Standard Time MST
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Anthony (NCS), Mary	Buyer Id - Id de l'acheteur ncs107
Telephone No. - N° de téléphone () 780- 237 (7582)	FAX No. - N° de FAX (780) 497-3510
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée	Delivery Offered - Livraison proposée
Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur	
Telephone No. - N° de téléphone Facsimile No. - N° de télécopieur	
Name and title of person authorized to sign on behalf of Vendor/Firm (type or print) Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)	
Signature	Date

Solicitation No. - N° de l'invitation

EW699-150150/B

Client Ref. No. - N° de réf. du client

AANDC-EW699-150150

Amd. No. - N° de la modif.

003

File No. - N° du dossier

NCS-4-37027

Buyer ID - Id de l'acheteur

ncs107

CCC No./N° CCC - FMS No/ N° VME

This amendment has been raised to post the attached technical presentation for the Bidders' Conference scheduled for Friday, January 9, 2015 from 10:00 to 13:00 MST. The presentation is in English only as it is related to the technical specifications.



Contaminated Site Remediation of the Great Slave Lakes Mine Sites

Bidders Conference

January 9th, 2015

Teleconference: 1-877-413-4782, Conference ID: 7083442

Presented By:

Ron Breadmore, AANDC

Carl Zaminer, PWGSC

Jessie Hoyt, PWGSC

Dinah Elliott, AANDC

Mary Anthony, PWGSC



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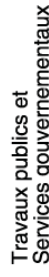


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Outpost Island Mine site:



Blanchet Island Mine site:



3



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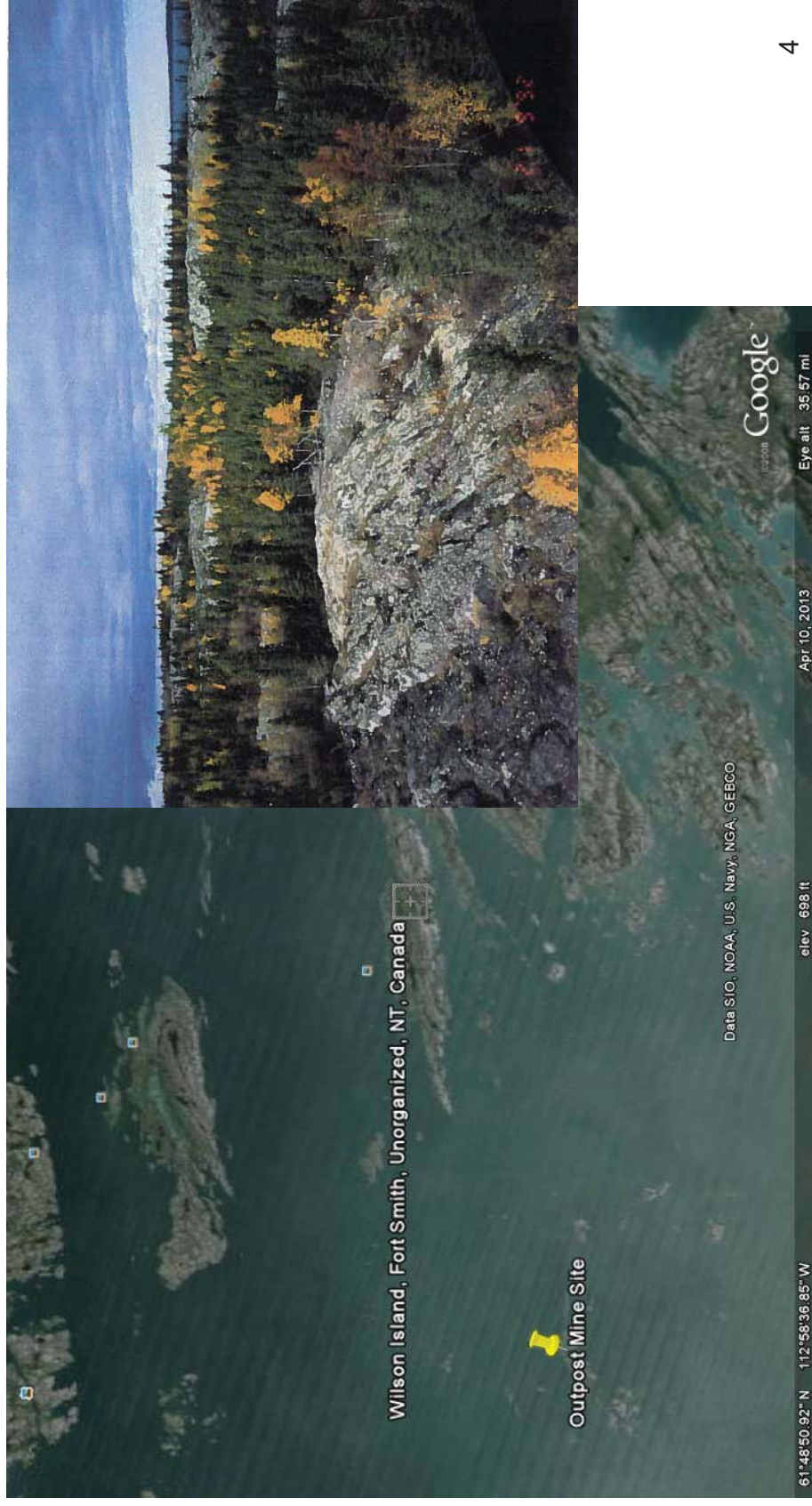


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Wilson Island Shafts:



Waldron River Shafts:



PWGSC Presentation Topics:

- Project Background (AANDC)
- Permitting (AANDC)
- Regulatory Compliance (AANDC)
- H&S Regulatory Compliance (PWGSC)
- Scope of Work – Specifications (PWGSC)
- Anticipated Schedule (PWGSC)
- RFP Review (PWGSC)



Outpost:

- copper, gold and tungsten (1935-1952)
- West Island – primary mining activities
- East Island – minimal activities

Blanchet:

- cobalt and nickel showing in 1968
- open-cut and adit developed in 1969
- small scale mining until 1970



Wilson Island:

- advanced gold exploration property
- staking started in early 1900s through to 1970s

Waldron River:

- copper exploration property
- staking started in 1940s through to 1960s



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Northern Contaminated Sites Program (NCSP):

- Originated in 1990s with Arctic Environmental Strategy (AES)
 - Outpost, Wilson Island, and Waldron River clean ups under AES in 1994
- Program now funded through Federal Contaminated Sites Program (FSCAP)



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
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Federal contaminated site criteria:

- Abandoned (no owners)
- On Crown Land (not community)
- Contaminated above background levels
- A risk to humans or the environment



 Indian and Northern Affairs Canada Affaires indiennes et du Nord Canada		
Phase	Step	Activity
Assessment	1	Identify Site
	2	Historical Review
	3	Initial Testing
	4	Classify Site (NCS 1,2, 3 or waste site)
	5	Detailed Testing
	6	Reclassify Site
Licensing/ Permitting	7	Develop Remediation/Risk Management Plan
Remediation	8	Implement Plan (Remediation)
	9	Confirmatory Sampling
Monitoring	10	Long Term Monitoring



GSL Remediation Project:

- Assessment Phase (historical review) confirms all sites are abandoned
- There are no active 3rd party interests on any of the sites
- AANDC is owner and custodian of these sites



NCSP and Environment, Health and Safety (EHS):

- Program is high risk (remote site logistics, chemical, physical and biological hazards)
- As site owner/custodian, AANDC needs to ensure that systems are in place to ensure H&S and environment are protected
 - if work can't be done safely, it doesn't get done



GSL Remediation Project:

- Phase I-III ESAs and HHERAs conducted between 2005-2013; finalized through FCSAP expert support and Traditional Knowledge Study
- Risk assessment indicates generally low risks with Contaminants of Concern (metals, PHCs, PAHs)
- RAP options selected with communities in 2013
- Sediments are locally impacted but will be risk managed (leave in place, cut off loading source)



GSL Remediation Project Stakeholders:

Akaiitcho Dene (Interim Measures Agreement)

- Yellowknives Dene First Nation (YKDFN)
- Lutsel K'e Dene First Nation (LKDFN)
- Deninu K'ue First Nation (DKFN)

NWT Metis (Interim Measures Agreement)

- Fort Resolution Métis Council (FRMC)

Tlicho (Tlicho Final Agreement)

- Tlicho Government

+ Parks Canada

+ GSL Yacht Club



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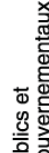
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Site Hazards (known and potential):

- **Chemical** – elevated metals (arsenic, chromium, copper, cobalt, nickel) in exposed tailings and mixed ore* and waste rock, waste POLs, metal and PHC impacted soils, haz mats
 - Residual ore contains elevated mineralized arsenic and will require appropriate H&S control measures
- **Physical** – mine openings, trenches (steep walls, loose rock, variable ice quality), steep slopes, UXOs, abandoned structures
- **Biological** – wildlife (Blanchet), abandoned structures (hantavirus)
- + logistics (air, marine)



Mine Component	Outpost	Blanchet
<i>Mine Openings/ Surface Trenches</i>	4 (2 shafts, 2 raises)	1 (adit)
<i>Buildings</i>	2	6
<i>Non-Hazardous Refuse</i>	130m ³	75m ³
<i>Hazardous Waste Materials</i>	0.5m ³	minimal
<i>Mixed Tailings/ Waste Rock</i>	9,000m ³	TBD
<i>Ore</i>	TBD	25m ³
<i>Waste Rock</i>	400m ³	1,000m ³
<i>Metal Impacted Soil</i>	TBD	2,200m ³
<i>PHC Impacted Soil</i>	23m ³	50m ³
<i>Surface Water and Sediments</i>	TBD	TBD



Mine Component	Wilson	Waldron
Mine Openings/ Surface Trenches	2 (capped shafts)	2 (pits)
Buildings		
Non-Hazardous Refuse		
Hazardous Waste Materials		
Mixed Tailings/ Waste Rock		
Ore		
Waste Rock		
Metal Impacted Soil		
PHC Impacted Soil		
Surface Water and Sediments		



GSL Regulatory Compliance:

AANDC:

- Site Owner / Custodian
- Land Use Permit and Quarry Permit Holder



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GSL Permitting:

Land Use Permit – MVLWB

- Single permit for all 3 sites

Quarry Permit - AANDC

- Single permit for Blanchet and Outpost

Water Licence – MVLWB

- No triggers (no licence)



GSL Permitting:

LUP and QP cover operations for
Outpost, Blanchet

Wilson and Waldron - Operations
do not trigger LUP, QP or WL



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GSL Permitting:

Land Use Permit – 5 year (+2)

Reporting Requirements

1. Sediment & Erosion Control Plan
2. Waste Management Plan
3. Spill Contingency Plan
4. Annual Progress Report



GSL Permitting:

Quarry Permit – annual renewal

Reporting Requirements

1. Monthly Quarry Report
2. Annual Final Plan

*Quarry Operations Plan

*Territorial Quarry Regulations
(TLA)



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GSL Permitting:

Water Use

track between Blanchet and
Outpost

MAX <100m³/day



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GSL Permitting:

Immediate Needs

1. Sediment & Erosion Control Plan
2. Waste Management Plan*
3. Spill Contingency Plan*

-> 45 day review period



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Supporting Documents:

~40 files provided
Available on 'Buy and Sell'
Posting

- Regulatory Compliance
- Environment
- Health and Safety

Regulatory Compliance:

Legislative Requirement	Jurisdiction	Aspect/Hazard	Revision
Migratory Birds Convention Act 1994 Migratory Birds Regulations (C.R.C. 1978, c. 1035) a.SOR/2002	Federal	Wildlife	2009, c.14 2011-120
National Fire Code of Canada , 1995 a. 2002		General Environmental	2010
Navigable Waters Protection Act (R.S.C. 1985, c.N-22), a.1998, c. 10 Navigable Waters Works Regulations (C.R.C., c.1232)	Federal	Water Contamination	2009, c.2 95-372
Northwest Territories Waters Act (S.C. 1992, c.39) a.S.C. 2002, c. 10 Northwest Territories Waters Regulations (SOR/93-303)	Federal	Water Contamination Drinking Water Safety	2005, c.1 2012-250
Transportation of Dangerous Goods Act , 1992 (S.C. 1992, c.34) a.1999, c.31 Transportation of Dangerous Goods Regulations (SOR/2001-286) a. SOR/2003- 400	Federal	Hazardous Waste	2009, c.9 2012-245
Environmental Protection Act (R.S.N.W.T. 1988,c.E-7) Spill Contingency Planning and Reporting Regulations (R- 068-93)	NWT	Spills, Fuel Storage	2011, c.16
	NWT	Spills	068-93
Used Oil and Waste Fuel Management Regulations (R-064- 2003)	NWT	Fuel Storage	064-2003
Explosives Act (R.S.N.W.T. 1988,c.E-10) Explosives Regulations (R.R.N.W.T. 1990,c.E-27)	NWT	Explosives, Unexploded ordinances	2007, c.21 1990
Mine Health and Safety Act (S.N.W.T. 1994, c.25) Mine Health and Safety Regulations (R-125-95)	NWT	Occupational Health and Safety	2010, c.16 R-008-2003
Safety Act (R.S.N.W.T. 1988,c.S-1)	NWT	Occupational Health and Safety	2010, c.16
Asbestos Safety Regulations (R-016-92)	NWT	Occupational Health and Safety	R-016-92
Environmental Tobacco Smoke Work Site Regulations (R- 082-2003)	NWT	Occupational Health and Safety	R-082-2003
General Safety Regulations (R.R.N.W.T. 1990,c.S-1)	NWT	Occupational Health and Safety	R-079-2000
Silica Sandblasting Safety Regulations (R-015-92)	NWT	Occupational Health and Safety	R-015-92
Work Site Hazardous Material Information System Regulations (R.R.N.W.T. 1990,c.S-2)	NWT	Occupational Health and Safety	1990, c.S-2
Wildlife Act (R.S.N.W.T. 1988,c.W-4) Birds of Prey Regulations (R-020-92)	NWT	Wildlife	009-2009
	NWT	Wildlife	058-99
Critical Wildlife Areas Regulations (R.R.N.W.T. 1990,c.W-3)	NWT	Wildlife	059-99



Health and Safety

- H&S
 - Transportation safety
 - Mine safety
 - Worker and 3rd party safety
- Environmental Protection
 - Land and water, fish and wildlife
 - Fuel Storage, spill prevention
- Hazardous materials management








Regulatory Compliance:

- Need to know all applicable legislation and standards (not just those provided)
- Acts, Regulations, Codes, Standards, and Guidelines are regularly updated (ensure current version)
- Software such as “Compliance Pro”



Environment Regulatory:

<p></p> <p>CONSOLIDATION</p> <p>Mackenzie Valley Land Use Regulations</p> <p>SOR/98-429</p> <p>Current to May 14, 2014</p> <p>Last amended on September 30, 2013</p> <p>Published by the Minister of Justice at the following address: http://laws-lois.justice.gc.ca</p>	<p></p> <p>CONSOLIDATION</p> <p>Northwest Territories Waters Regulations</p> <p>SOR/93-303</p> <p>Current to May 14, 2014</p> <p>Last amended on November 30, 2012</p> <p>Published by the Minister of Justice at the following address: http://laws-lois.justice.gc.ca</p>	<p></p> <p>ENVIRONMENTAL PROTECTION ACT</p> <p>SPILL CONTINGENCY PLANNING AND REPORTING REGULATION R-068-93</p> <p>INCLUDING AMENDMENTS MADE BY</p> <p>This consolidation is not an official statement of law. It is an office consolidation prepared by the Legislation Division, Department of Justice, for convenience of reference only. The authoritative version of regulations can be ascertained from the <i>Revised Regulations of the Northwest Territories, 1990</i> and the monthly publication of Part II of the <i>Northwest Territories Gazette</i>.</p> <p>Copies of this consolidation and other Government of the Northwest Territories publications can be obtained at the following address:</p> <p>Canacrite: Graphics 5102-50th Street Yellowknife NT X1A 2R1 Telephone: (867) 873-5924 Fax: (867) 920-4371</p>	<p></p> <p>ENVIRONMENTAL PROTECTION ACT</p> <p>USED OIL AND WASTE FUEL MANAGEMENT REGULATIONS R-064-2003 In force January 1, 2004</p> <p>INCLUDING AMENDMENTS MADE BY R-041-2005</p> <p>This consolidation is not an official statement of the law. It is an office consolidation prepared by the Legislation Division, Department of Justice, for convenience of reference only. The authoritative text of regulations can be ascertained from the <i>Revised Regulations of the Northwest Territories, 1990</i> and the monthly publication of Part II of the <i>Northwest Territories Gazette</i>.</p> <p>Copies of this consolidation and other Government of the Northwest Territories publications can be obtained at the following address:</p> <p>Canacrite: Graphics 5102-50th Street P.O. Box 2758 Yellowknife NT X1A 2R1 Telephone: (867) 873-5924 Fax: (867) 920-4371</p>	<p></p> <p>LOI SUR LA PROTECTION DE L'ENVIRONNEMENT</p> <p>RÈGLEMENT SUR LA GESTION DES HUILES USÉES ET DES COMBUSTIBLES RÉSIDUAIRES R-064-2003 En vigueur le 1^{er} janvier 2004</p> <p>MODIFIÉ PAR R-041-2005</p> <p>La présente codification administrative ne constitue pas le texte officiel de la loi; elle n'est établie qu'à titre documentaire par les Affaires législatives du ministère de la Justice. Seuls les règlements contenus dans les <i>Règlements révisés des Territoires du Nord-Ouest (1990)</i> et dans les parutions mensuelles de la <i>Partie II de la Gazette des Territoires du Nord-Ouest</i> ont force de loi.</p> <p>On peut également obtenir des copies de la présente codification et d'autres publications du gouvernement des Territoires du Nord-Ouest en communiquant avec:</p> <p>Canacrite: Graphics 5102, 50^e Rue C.P. 2758 Yellowknife NT X1A 2R1 Téléphone : (867) 873-5924 Télécopieur : (867) 920-4371</p>
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Environment Guidance:

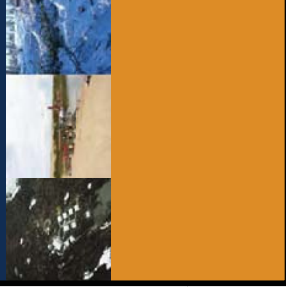
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VOLUME 06


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Affaires autochtones et du Nord Canada

 **northern land**
Camp and Supply

 **northern land**
Pits and Quarries

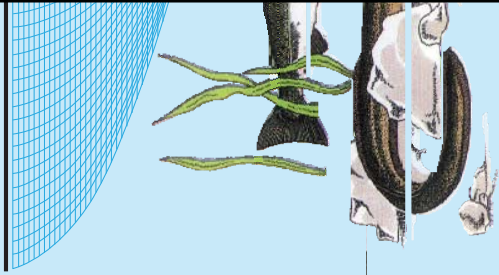



VOLUME 07


 **Environment Canada**
Environnement Canada

Department of Fisheries and Oceans

Freshwater Intake Fish Screen




 **Fisheries and Aquaculture Canada**
Pêches et Océans Canada

 **Environment Canada**
Environnement Canada

Technical Document for Batch Waste Incineration

January 2010

 **Canada**



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Health and Safety Regulatory:

MINE HEALTH AND SAFETY ACT

CONSOLIDATION OF MINE HEALTH AND SAFETY REGULATIONS
R-125-95

(Current to: October 17, 2011)

AS AMENDED BY NORTHWEST TERRITORIES REGULATIONS:
R-026-97
R-106-97
R-041-98
R-026-99

AS AMENDED BY NUNAVUT REGULATIONS:
R-016-2003
In force February 28, 2003

This consolidation is not an official statement of the law. It is an office consolidation prepared for convenience only. The authoritative text of regulations can be ascertained from the *Revised Regulations of the Northwest Territories, 1990* and the monthly publication of Part II of the *Northwest Territories Gazette* (for regulations made before April 1, 1999) and Part II of the *Nunavut Gazette* (for regulations made on or after April 1, 1999).

A copy of a regulation of Nunavut can be obtained from the Territorial Printer at the address below. The authoritative text of regulations made in the Northwest Territories can be obtained from the Territorial Printer at the address below.

Any registered regulations not yet published in the *Nunavut Gazette* can be obtained through the Registrar of Regulations at the address below.

Territorial Printer
Legislation Division
Department of Justice
Nunavut
P.O. Box 1000, St. John's
Iqaluit, NU X0A 0H0

Tel: (867) 975-6005
Fax: (867) 975-6189
Email: TerritorialPrinter@gov.nu.ca

R-125-95

<p>SAFETY ACT</p> <p>WORK SITE HAZARDOUS MATERIALS INFORMATION SYSTEM REGULATIONS R.R.N.W.T. 1990,c.S-2</p> <p>INCLUDING AMENDMENTS MADE BY</p>	<p>LOI SUR LA SÉCURITÉ</p> <p>RÈGLEMENT SUR LE SYSTÈME D'INFORMATION SUR LES MATIÈRES DANGEREUSES DANS LES LIEUX DE TRAVAIL R.R.T.N.-O. 1990, ch. S-2</p> <p>MODIFIÉ PAR</p>	<p>This consolidation is not an official statement of the law. It is an office consolidation prepared by Legislation Division, Department of Justice, for convenience of reference only. The authoritative text of regulations can be ascertained from the <i>Revised Regulations of the Northwest Territories, 1990</i> and the monthly publication of Part II of the <i>Northwest Territories Gazette</i>.</p> <p>Copies of this consolidation and other Government of the Northwest Territories publications can be obtained at the following address:</p> <p>Canartic Graphics 5102-50th Street P.O. Box 2758 Yellowknife NT X1A 2R1 Telephone: (867) 873-5924 Fax: (867) 920-4371</p>	<p>La présente codification administrative ne constitue pas le texte officiel de la loi; elle n'est établie qu'à titre documentaire par les Affaires législatives du ministère de la Justice. Seuls les règlements contenus dans les <i>Règlements révisés des Territoires du Nord-Ouest (1990)</i> et dans les parutions mensuelles de la Partie II de la <i>Gazette des Territoires du Nord-Ouest</i> ont force de loi.</p> <p>On peut également obtenir des copies de la présente codification et d'autres publications du gouvernement des Territoires du Nord-Ouest en communiquant avec :</p> <p>Canartic Graphics 5102, 50^e Rue C.P. 2758 Yellowknife NT X1A 2R1 Téléphone : (867) 873-5924 Téléscripteur : (867) 920-4371</p>
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Health and Safety Guidance:

BEST PRACTICE
for Building and Working
Safely on Ice Covered

Asbestos

WSQ

Guideline for Dust Suppression

- 1 Introduction
 - 1.1 Definitions
 - 1.2 Why are Dust Suppressants Used?
 - 1.3 Roles and Responsibilities
- 2 General Dust Suppression Guidelines
 - 2.1 Notification for Use of Approved Products
 - 2.2 Approved Products
 - 2.3 Application Procedures
 - 2.4 Environmental Concerns
 - 2.4.1 General
 - 2.4.2 Water
 - 2.5 Spill Contingency Plan
- 3 New Products
 - 3.1 Leachate Toxicity Testing
- 4 Conclusion
- 5 Bibliography
- Appendices

Ministère des Affaires et du Développement du Nord Canada
Aboriginal Affairs and Northern Development Canada

Environment, Health and Safety Management System Manual

Revision 0

Northwest Territories Region

Public Works and Government Services Canada

Travaux publics et Services gouvernementaux Canada

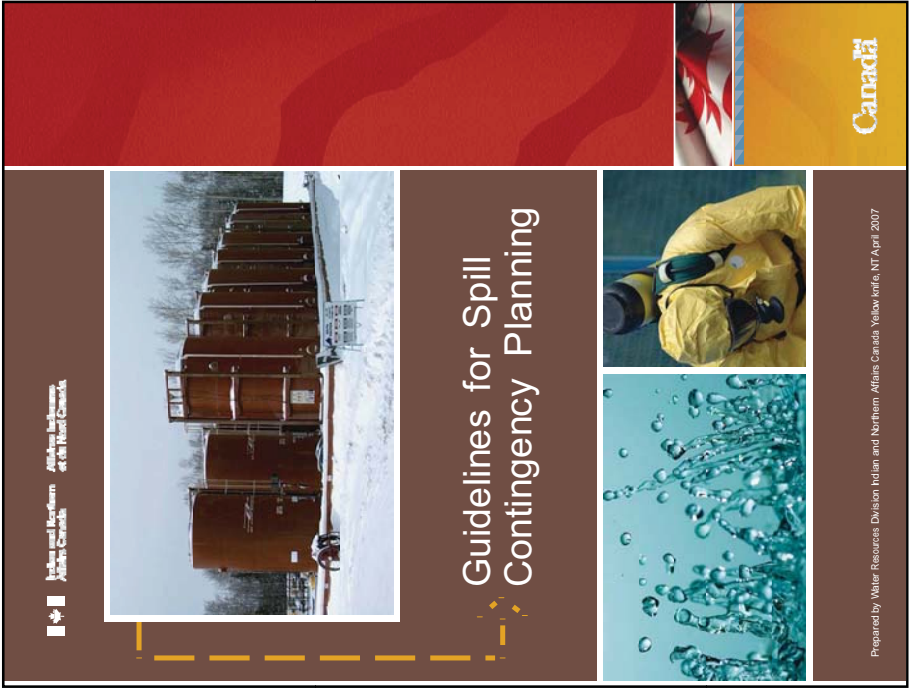
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Développement du Nord Canada

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Submission Standards:



Sediment and Erosion:

No specific Guidance Documents

MVLWB Public Registry for examples
<http://www.mvlwb.ca/Boards/mv/SitePages/registry.aspx>

Recommend looking at several examples.



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Sediment and Erosion:

Focus on both Erosion and Sediment.

Erosion: Primary defense, long term design features (e.g. vegetation, armoring, rip rap, grades, material size, channels, etc.)

Sediment: Secondary defense, temporary features, required until site is stable (e.g. silt fences, hay bales, etc.)



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Sediment and Erosion:

In addition to general SEC information, will also require site specific content, such as...



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Sediment and Erosion: Blanchet Borrow Area (~31m from GSL)



Sediment and Erosion:

Outpost Island - directly adjacent to GSL



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Additional Supporting Documents:

- Mine History
- Previous remediation
- Northern Operation Standards
- Remedial Action Plans
- Quarry assessment and operations
- Wilson and Waldron Mines



Regulatory Summary

- AANDC is site owner/custodian and federal proponent
- PWGSC manages the remediation contract and is the Contractor's first point of contact
- The whole project team needs to lead by example



Health and Safety

01 35 32 - SSHASP

- Contractor assumes role of Prime Contractor, as such is responsible for H&S of all persons on the site.
- NCSA Certificate of Recognition (COR)
 - Ensures a recognizable safety program in place
 - Quantifiable and measureable
- Provision of a full time EMT, first aid supplies and dedicated treatment facility.
- Authority Having Jurisdiction (AHJ)
 - WSCC (Mandatory)
 - Mine Health and Safety Act (Mandatory)
- CLC II (Applies to Government of Canada and information for the Contractor)



Health and Safety

- Initial Site Hazard Assessment
 - AANDC/Consultant (draft report available to successful Contractor)
 - Winning Contractor (Initial plus Annual)
 - All Hazards to be addressed by Contractor
- Site Specific Health and Safety Plan
 - Reviewed by WSCC and PWGSC
 - Possible Audits by PWGSC and AANDC
 - Inspections by WSCC
- The development of the SSHSP is a lump sum item



Mobilization / Demobilization

01 53 00 Key Points

- Contractor is responsible for all aspects of mobilization and demobilization of equipment, fuel, supplies, camp, crews, etc.
- Methodology should be clearly described in the proposal along with potential risks and mitigative measures
- Potential options for accessing site are being presented base on our logistical analysis
- Contractor is responsible to conduct their own research and develop specific mobilization approach
- Mobilization and Demobilization are Lump Sum payment items



Mobilization / Demobilization

- Blanchet and Outpost Mine Sites accessible via barges
- All sites are accessible via float planes (Turbo Beaver or Twin Otter)
- It is anticipated that barges will be used to access both Blanchet and Outpost directly



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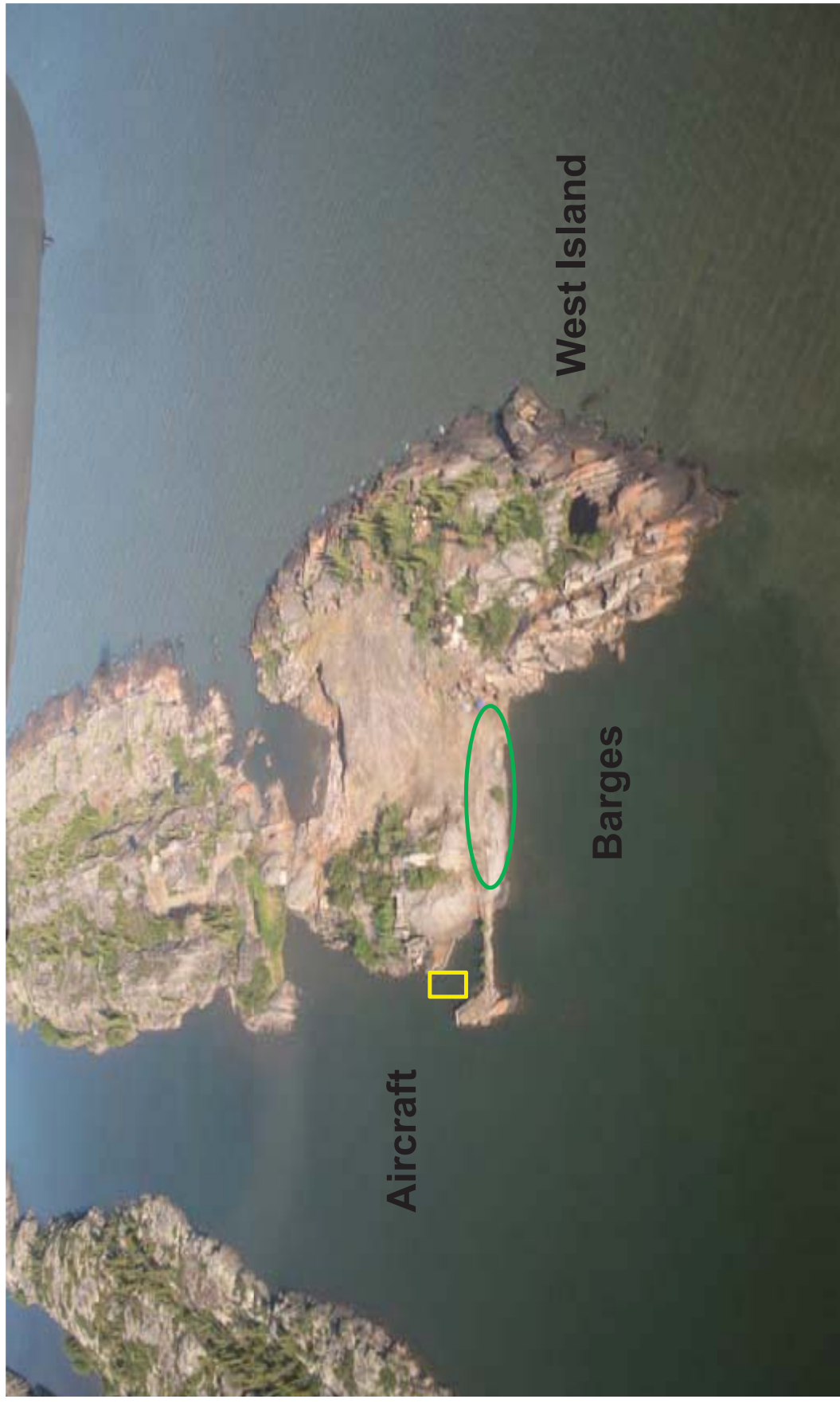
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Outpost 1994 Mooring



Blanchet - Potential Mooring Locations



Scope of Work

01 54 00 - Camp Supply and Operation

Contractor responsible for:

- Supply and operation of camp.
- Security & wildlife protection.
- Selecting camp location to avoid areas of historical significance.
- Water use and effluent discharge.
- Regulatory compliance.

- Existing structures **not** suitable for use as temporary camp.
- Lump sum payment item.



Scope of Work

02 41 16-1 – Structure Demolition

- All structures onsite are to be demolished and separated into various waste streams. Non hazardous materials are to be removed offsite.
- Untreated wood debris to be burned onsite in a pre-approved location.
- Known hazardous and non-hazardous materials and estimated volumes are categorized in the spec appendix A, and detailed in the supporting documents.
- Lump sum payment item, quantities will not be measured for payment.



Scope of Work

02 41 23 – Debris and Misc Removals

- All non hazardous scattered and buried debris to be removed off-site.
- Untreated wood debris to be burned onsite in a pre-approved location.
- Quantities will not be measured for payment. Lump Sum Payment item.
- Demolition debris categorized in the spec appendix A, and detailed in the supporting documents.



Scope of Work

02 55 13 Contaminated Soil:

- PHC Contaminated soils are to be removed off and will be measured by tonnage based on weigh bills of the Contractor's disposal facility
- Ore and ore concentrate are to be removed off and will be measured by tonnage based on weigh bills of the Contractor's disposal facility
- Metal impacted soils from camp waste and broken batteries are to be removed off and will be measured by tonnage based on weigh bills of the Contractor's disposal facility
- Estimated volumes are categorized in the spec appendix A, and detailed in the supporting documents.



Scope of Work

02 61 33 Hazardous Waste Material:

- Known hazardous materials include, but not limited to batteries and hazardous liquid contents.
- Lump Sum Payment Items for the supply of shipping containers, containerization, and off-site transport. Quantities will not be measured for payment.
- Description and estimated volumes of known hazardous materials are categorized in appendix A and detailed in the supporting documents



Scope of Work

03 05 11 Mine Opening Seal:

- Outpost – shafts, raises and trenches
- Blanchet – adit
- Wilson - shafts
- Waldron - shafts
- Descriptions of the openings at Blanchet and Outpost are in appendix B and detailed in the supporting documents
- Descriptions of the openings at Wilson and Waldron are detailed in the supporting documents
- Lump Sum Payment Items for closure of each opening.



Scope of Work

31 22 15 Grading:

Blanchet

- An estimated 2,000 m³ of impacted soil and waste rock in the mine area
- All material to be consolidated on site under an engineered cap
- Lump sum payment item that includes, but not limited to;
 - Supply and placement of geomembrane materials
 - Supply and placement of borrow material
- An estimated 500 m³ of impacted soil at the beach area
- All material to be consolidated on site under an engineered cap



Scope of Work

31 22 15 Grading:

Outpost

- An estimated 1,000 m³ of tailings and waste rock in the mine area
- All material to be removed from the toe of the existing stockpile along North Bay and placed further inland within the existing stockpile
- Screening of existing waste rock required to produce approximately 60 m³ of coarse aggregate (50 to 150 mm)
- Placement of a silt curtain at the North Bay opening to Great Slave Lake
- Lump Sum Payment Items for all grading



Questions?



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