P.O. BOX 119
GJOA HAVEN, NU X0B 1J0
TEL: (867) 360-6338
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kNK5 wmoEp5 vtmpq
NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI
OFFICE DES EAUX DU NUNAVUT

APPLICATION FOR WATER LICENCE AMENDMENT

The applicant is referred to the NWB's Guide 7: *Licensee Requirements Following the Issuance of a Water Licence* for more information about this application form.

EXISTING LICENCE NO: ____2BE CRA1015_____

1. LICENSEE CONTACT INFORMATION

Is the licensee the same as that referred to on the existing licence?

x Yes ☐ No

If No, a licence assignment must be completed and approved by the NWB. **A renewal will only be issued in the name of the current licensee in the absence of assignment of the licence.**

If the licensee is the same, but the name of the licensee has changed, attach a certificate of name change.

Name: North Country Gold Corp

Address: Suite 220, 9797-45th Ave
Edmonton
Alberta
T6E 5V8

Phone: _780-437-6624_____
Fax: _780-439-7308_____
e-mail: __jop@northcountrygold.com_____

2. LICENSEE REPRESENTATIVE CONTACT INFORMATION – If different from Block 1.

Name: Jo Price, North Country Gold Corp

Address: Suite 220, 9797-45th Ave
Edmonton
Alberta
T6E 5V8

Phone: _780-437-6624_____
Fax: _780-439-7308_____
e-mail: __jop@northcountrygold.com_____

(Attach authorization letter.)

3. NAME OF PROJECT

Has the name of the project changed?

☐ Yes x No

If Yes, indicate the name of the project including the name of the location: ____Committee Bay Project__

4. LOCATION OF UNDERTAKING

Does the proposed amendment change the location of the amended undertaking?

☐ Yes x No

Provide the project extents and camp locations. Identify proposed changes.

. While no changes with respect the scope of the regional exploration program or camps as part of this permit application are proposed, we have added an additional 8 pending mineral leases on which the Wrench and Pickle showings are located and we have dropped 33 mineral claims.

Project Extents

NW:	Latitude: (67 ° 28 ' 38 " N)	Longitude: (93 ° 32 ' 27 " W)
NE:	Latitude: (66 ° 03 ' 58 " N)	Longitude: (93 ° 32 ' 27 " W)
SE:	Latitude: (66 ° 03 ' 58 " N)	Longitude: (88 ° 37 ' 56 " W)
SW:	Latitude: (67 ° 28 ' 38 " N)	Longitude: (88 ° 37 ' 56 " W)

Camp Location(s)

Hayes Camp - Latitude: (66 ° 39 ' 30 " N) Longitude: (91 ° 33 ' 11 " W)
Bullion Camp - Latitude: (66 ° 23 ' 30 " N) Longitude: (93 ° 07 ' 30 " W)
Ingot Camp - Latitude: (66 ° 35 ' 40 " N) Longitude: (92 ° 37 ' 34 " W)
Crater Camp - Latitude: (67 ° 22 ' 19 " N) Longitude: (88 ° 51 ' 21 " W)

5. MAP

Does the proposed amendment change the locations of any of the main components of the undertaking?

☐ Yes x No

Attach a topographical map, indicating the main components of the undertaking. Identify proposed changes.

NTS Map Sheet No.: ___56J 11 and 12__ Map Name: _____ Map Scale: _____

6. NATURE OF INTEREST IN THE LAND

Does the proposed amendment change the nature of the interest in the land?

☐ Yes x No

If Yes, indicate changes. _____

Check any of the following that are applicable to the proposed undertaking (at least one box under the 'Surface' header must be checked).

Sub-surface

☐ Mineral Lease from Nunavut Tunngavik Incorporated (NTI)
Date (expected date) of issuance: _____ Date of expiry: _____

x Mineral Lease from Indian and Northern Affairs Canada (INAC)
Date (expected date) of issuance: _____ Date of expiry: _____

See attached list.

Surface

x Crown Land Use Authorization from Indian and Northern Affairs Canada (INAC)
Date (expected date) of issuance: N2009C0018 and 019_ Date of expiry: _March 20th 2012 – extension pending__

x Inuit Owned Land (IOL) Authorization from Kitikmeot Inuit Association (KIA)
Date (expected date) of issuance: _KTL306C031, KTL305C004_ Date of expiry: __Jan 4th 2012 m- extension pending_

☐ IOL Authorization from Kivalliq Inuit Association (KivIA)
Date (expected date) of issuance: _____ Date of expiry: _____

☐ IOL Authorization from Qikiqtani Inuit Association (QIA)
Date (expected date) of issuance: _____ Date of expiry: _____

☐ Commissioner's Land Use Authorization
Date (expected date) of issuance: _____ Date of expiry: _____

☐ Other _____

Date (expected date) of issuance: _____ Date of expiry: _____

Is the name of the entity(s) holding authorizations the same as that considered in the existing water licence?

x Yes ☐ No

If No, a licence assignment must be completed and approved by the NWB.

Name of entity(s) holding authorizations:
_____

7. NUNAVUT PLANNING COMMISSION (NPC) DETERMINATION

Indicate the land use planning area in which the existing project is located.

☐ North Baffin
☐ South Baffin
☐ Akunniq
☐ Keewatin
☐ Sanikiluaq
☐ West Kitikmeot

Does the proposed amendment change the land use planning area?

☐ Yes x No

If yes, indicate the land use planning area in which the amended undertaking is located.

☐ North Baffin
☐ South Baffin
☐ Akunniq
☐ Keewatin
☐ Sanikiluaq
☐ West Kitikmeot

Was a land use plan conformity determination required from NPC prior to the issuance of the existing water licence?

☐ Yes x No

If Yes, indicate date issued and attach copy. _____

Does the proposed amendment change the original NPC conformity determination or the need to obtain one?

☐ Yes x No

If Yes, indicate date issued (or expected) and attach a copy. _____
If No, provide written confirmation from NPC confirming that a land use plan conformity review is not required.

8. NUNAVUT IMPACT REVIEW BOARD (NIRB) DETERMINATION

Was a screening determination required from NIRB prior to the issuance of the existing water licence?

x Yes ☐ No

If Yes, indicate date issued and attach copy. _____

Does the proposed amendment change the original NIRB screening determination or the need to obtain one?

☐ Yes x No

If Yes, indicate date issued (or expected) and attach a copy. _____
If No, provide written confirmation from NIRB confirming that a screening determination is not required.

9. DESCRIPTION OF UNDERTAKING

Does the proposed amendment change the description of the undertaking?

☐ Yes xNo

List and attach plans and drawings or project proposal. Identify proposed changes.

See attached non-technical summary, work schedule and details, and map/plans

10. OPTIONS

Does the proposed amendment change any of the alternative methods and locations that were considered to carry out the project?

☐ Yes x No

Provide a brief explanation of the alternative methods or locations that were considered to carry out the project. Identify proposed changes.

11. CLASSIFICATION OF PRIMARY UNDERTAKING

Indicate the primary classification of undertaking for the existing licence by checking one of the following boxes:

☐ Industrial
☐ Agricultural
x Mining and Milling (includes exploration/drilling/exploration camps)
☐ Conservation
☐ Municipal (includes camps/lodges)
☐ Recreational
☐ Power
☐ Miscellaneous (describe below):

_____

Does the proposed amendment change the classification of primary undertaking?

☐ Yes x No

If Yes, indicate the primary undertaking of the amendment:_____

Information in accordance with applicable Supplemental Information Guidelines (SIG) must be updated and submitted with an Application for Amendment. Indicate which SIG(s) are applicable to your application.

☐ Hydrostatic Testing
☐ Tannery
☐ Tourist / Remote Camp
☐ Landfarm & On-Site Storage of Hydrocarbon Contaminated Soil
☐ Onshore Oil and Gas Exploration Drilling
x Mineral Exploration / Remote Camp
x Advanced Exploration
☐ Mine Development
☐ Municipal
☐ General Water Works
☐ Power

12. WATER USE

Indicate, using the boxes below, the types of water use(s) approved in the existing licence.

x To obtain water for camp/ municipal purposes
☐ To obtain water for industrial purposes
x To cross a watercourse
☐ To alter the flow of, or store water
x Other: _obtain water for diamond drilling_____
☐ To divert a watercourse
☐ To modify the bed or bank of a watercourse
☐ Flood control

Does the proposed amendment change the type(s) of water use(s)?

☐ Yes x No

If Yes, indicate using the boxes below, the proposed change(s) to the type(s) of water use(s) noting any water use(s) that are to be added, continued, or removed.

☐ To obtain water for camp/ municipal purposes
☐ To obtain water for industrial purposes
☐ To cross a watercourse
☐ To alter the flow of, or store water
☐ Other: _____
☐ To divert a watercourse
☐ To modify the bed or bank of a watercourse
☐ Flood control

13. QUANTITY OF WATER INVOLVED

Does the proposed amendment change the source of water? ☐ Yes x No
Indicate the water source(s). Identify proposed changes.:

Water to supply camp comes from Sandspit Lake. Water for drilling is sourced from static ponds created along the Hayes River system
(show location(s) on map)

Does the proposed amendment change the quality of the water source and/or its available capacity?
☐ Yes x No

Describe the quality of the water source(s) and the available capacity(s). Identify any changes.:_____

The water is natural, river and runoff water which is naturally recharged. There would be no change to the water quality or capacity of the sources._____

Does the proposed amendment change the overall quantity of water to be used?
xYes ☐ No

Provide the overall estimated quantity to be used. Identify proposed changes. : __295_____ m^3/day

7 Diamond drills - 35m3 per day each for a total of 245m3
100 man Camp – up to 50m3 per day

Total 295m3 per day

Does the proposed amendment change the quantity of water to be used from each source?

x Yes ☐ No

Provide the estimated quantity(s) of water to be used from each source. Identify proposed changes. :

Camp usage to 50m3 per day from Sandspit Lake, drilling useage - 7 drills, each using up to 35m3 when drilling from Hayes River associated ponds.

Does the proposed amendment change the quantity of water to be used for each purpose?
☐ Yes x No

Provide the estimated quantities to be used for each purpose (camp, drilling, etc.). Identify proposed changes.:

__As above_____

Does the proposed amendment change the method(s) of extraction ☐ Yes x No

Describe the method(s) of extraction. Identify proposed changes. : Drill water supply system which includes heat trace pipe, 3 water storage tanks, a pump and boiler supports drills.

Does the proposed amendment change the quantity(s) of water returned to source(s)?
☐ Yes x No
Estimated quantity(s) of water returned to source(s). Identify proposed changes. : _____ m^3/day

Does the proposed amendment change the quality(s) of water returned to source(s)?

☐ Yes x No
Describe the quality(s) of water(s) returned to source(s). Identify any changes. : _____
_____

14. WASTE

Check the appropriate box(s) to indicate the types of waste(s) approved in the existing licence.

- X Sewage
- X Solid Waste
- X Hazardous
- x Bulky Items/Scrap Metal
- ☐ Animal Waste
- ☐ Other (describe):_____
- x Waste oil
- x Greywater
- x Sludges
- x Contaminated soil and/or water

Does the proposed amendment change the type(s) of waste(s) to be generated or deposited?

☐ Yes x No

If Yes, indicate using the boxes below, the proposed change(s) to the type(s) of waste(s) to be generated and/or deposited noting the addition, removal or continued generation and/or disposal of waste(s).

- ☐ Sewage
- ☐ Solid Waste
- ☐ Hazardous
- ☐ Bulky Items/Scrap Metal
- ☐ Animal Waste
- ☐ Other (describe):_____
- ☐ Waste oil
- ☐ Greywater
- ☐ Sludges
- ☐ Contaminated soil and/or water

15. QUANTITY AND QUALITY OF WASTE INVOLVED

Does the proposed amendment change the quantity(s) of the types of wastes involved?

☐ Yes x No

Does the proposed amendment change the composition(s) of the types of wastes involved?

☐ Yes x No

Does the proposed amendment change the method(s) of treatment for the types of waste involved?

☐ Yes x No

Does the proposed amendment change the method(s) of disposal for the types of waste involved?

☐ Yes x No

If Yes to any of the above, describe the proposed changes:

For each type of waste indicated in Block 14, describe its composition, quantity in cubic meters/day, method of treatment and method of disposal.

Type of Waste	Composition	Quantity Generated	Treatment Method	Disposal Method
Waste Oil	**Used oil**	**0.005**	**Stored in sealed containers, or burnt in our new used oil furnace**	**Containers removed from site for disposal, or burnt in our new used oil furnace**
Sludge	**Waste from WWTP**	**0.2**	**Stored in sealed containers**	**Stored in sealed containers and removed from site**
Sewage/grey water		**15**	**Treated in WWTP**	**N/A**
Contaminated soils, fuel etc	**Hydrocarbons**	**0**	**Stored in sealed containers**	**Stored in sealed containers and removed from site**
Scrap metals and bulk items	**metals**	**0.2**	**Stored in sealed containers**	**Stored in sealed containers and removed from site**

16. OTHER AUTHORIZATIONS

Does the proposed amendment change the need for other authorizations in addition to the sub-surface and surface land use authorizations provided in Block 6?

☐ Yes x No

If Yes, indicate any additional authorizations required, which authorizations are no longer required, and which authorizations continue to be required.

For each provide the following:

Authorization: __Require renewed Quarry Permit_____
Administering Agency: _____INAC_____

Project Activity: __Quarry 10000m3 of 3/4 crush material from local rock source to use as a top coat on the esker airstrip extension_____

Date (expected date) of issuance: _March 2013___ Date of expiry: _____N/A_____

17. PREDICTED ENVIRONMENTAL IMPACTS OF UNDERTAKING AND PROPOSED MITIGATION MEASURES

Does the proposed amendment change the predicted environmental impacts of the undertaking and the proposed mitigation measures?

☐ Yes x No

Describe direct, indirect, and cumulative impacts related to water and waste. Identify any changes.

No significant impacts anticipated. Mitigation measures are detailed in the attached plans.

18. WATER RIGHTS OF EXISTING AND OTHER WATER USERS

Was compensation paid and/or an agreement(s) for compensation been entered into with any existing or other users of water during consideration of the existing licence?

☐ Yes x No

If Yes, provide the names, addresses and the nature of water use by those persons or properties.

Does the proposed amendment adversely affect any known persons or property including those that hold licences for water use in precedence to the application, domestic users, in-stream users, authorized waste depositors, owners of property, occupiers of property, and/or holders of outfitting concessions, registered trapline holders, and holders of other rights of a similar nature?

☐ Yes x No

If Yes, provide the names, addresses and the nature of water use of those persons or properties.

Advise the Board if compensation has been paid and/or an agreement(s) for compensation has been reached with any existing or other water users with respect to the proposed amendment.

19. INUIT WATER RIGHTS

Was compensation paid/ or an agreement(s) for compensation been entered into with any Designated Inuit Organization (DIO) during consideration of the existing licence?

☐ Yes x No

If Yes, which DIO(s) _____

Does the proposed amendment substantially affect the quality, quantity or flow of waters flowing through Inuit Owned Land (IOL)?

☐ Yes x No

If Yes, advise the Board if negotiations have commenced or an agreement to pay compensation for any loss or damage has been reached with one or more DIO(s) with respect to the proposed amendment.

20. CONSULTATION - Provide a summary of any consultation meetings including when the meetings were held, where and with whom.

Include a list of concerns expressed and measures to address concerns.
Consultations were conducted to the Kit I A board in January and March 2012. No concerns have been expressed. Questions regarding the availability of jobs were asked and we will be hiring again from both local communities.

21. SECURITY INFORMATION

Does the proposed amendment change the financial security assessment?

☐ Yes x No

Does the proposed amendment change the estimate of the total financial security for final reclamation?

☐ Yes x No

Provide an estimate of the total financial security for final reclamation equal to the total outstanding reclamation liability for land and water combined sufficient to cover the highest liability over the life of the undertaking. Estimates of reclamation costs must be based on the cost of having the necessary reclamation work done by a third party contractor if the operator defaults. The estimate must also include contingency factors appropriate to the particular work to be undertaken. Identify any changes in the financial security assessment resulting from the proposed amendment.

See attached, and A&R plan

Where applicable, the financial security assessment should be prepared in a manner consistent with the principals respecting mine site reclamation and implementation found in the *Mine Site Reclamation Policy for Nunavut,* Indian and Northern Affairs Canada, 2002.

22. FINANCIAL INFORMATION

Is the statement of financial security the same as that considered in the existing water licence?

☐ Yes x No

Provide an updated statement of financial security.

If the applicant is a business entity please answer the questions below:

Is the list of the officers of the company the same as those considered in the existing water licence?

☐ Yes x No

Provide a list of the officers of the company.

John Williamson (CEO and Director)
Sean Mager (CFO)
Peter Kleespies (VP of Exploration)
Brian Budd (Secretary)
Kerry Curtis (Director
Craig Bentham (Director)

Is the Certificate of Incorporation or evidence of registration of the company name the same?

X Yes ☐ No

Attach a copy of the Certificate of Incorporation or evidence of registration of the company name.

23. STUDIES UNDERTAKEN TO DATE

List and attach updated studies, reports, research etc.

Provide a compliance assessment and status report including a response to any inspector's reports. The licensee must contact the NWB for licence specific direction in completing the assessment and report.

If in non-compliance, a licence may not be issued until compliance is achieved. If in non-compliance, attach plans/reports for consideration. Application will not be processed if significant issues of non-compliance exist.

24. PROPOSED TIME SCHEDULE

Does the proposed amendment change the time schedule considered in the existing licence for any phase of development?

☐ Yes x No

Indicate the start and completion dates for each applicable phase of development (construction, operation, closure, and post closure). Identify proposed changes.

Construction
Proposed Start Date: March 2013 (month/year) Proposed Completion Date: May 2016 (month/year)

Operation
Proposed Start Date: May 2013 (month/year) Proposed Completion Date: May 2016 (month/year)

Closure
Proposed Start Date: _____ (month/year) Proposed Completion Date: _____ (month/year)

Post - Closure
Proposed Start Date: _____ (month/year) Proposed Completion Date: _____ (month/year)

For each applicable phase of development indicate which season(s) activities occur.

Construction
☐ Winter x Spring x Summer x Fall ☐ All season

Operation
☐ Winter x Spring x Summer x Fall ☐ All season

Closure
☐ Winter ☐ Spring ☐ Summer ☐ Fall ☐ All season

Post - Closure
☐ Winter ☐ Spring ☐ Summer ☐ Fall ☐ All season

25. PROPOSED TERM OF LICENCE

On what date does the existing licence expire? ___1 April 2015_____

Is the Licensee applying for a combined renewal and amendment of the existing licence?

X Yes ☐ No

If Yes, indicate the proposed term of the renewal (maximum of 25 years): _____10 years_____

Requested date of renewal issuance: ___1 April 2013_____ (month/year) Requested Expiry Date: ___1 April 2023_ (month/year)

(The requested date of renewal issuance must be at least three (3) months from the date of application for a type B water licence and at least one (1) year from the date of application for a type A water licence, to allow for processing of the water licence application. These timeframes are approximate and do not account for the time to complete any pre-licensing land use planning or development impact requirements, time for the applicant to prepare and submit a water licence application in accordance with any project specific guidelines issued by the NWB, or the time for the applicant to respond to requests for additional information. See the NWB's *Guide 5: Processing Water Licence Applications* for more information)

26. ANNUAL REPORTING

Will the proposed amendment change the content of annual reports or the annual report template?

☐ Yes x No

If Yes, provide details regarding the content of annual reports and a proposed outline or template of the annual report.

27. CHECKLIST

The following must be included with the application for Amendment for the water licensing process to begin.

Completed Application for Water Licence Amendment form.

☒ Yes ☐ No If no, date expected _____

Information addressing Supplement Information Guideline (SIG), where applicable (see Block 11)

☐ Yes ☐ No If no, date expected _____

Compliance Assessment / Status Report (see Block 23).

☐ Yes ☐ No If no, date expected _____

Indication of Renewal Requirement (see Block 26)

☐ Yes ☐ No If no, date expected _____

English Summary of Renewal Application.

☒ Yes ☐ No If no, date expected _____

Inuktitut and/or Inuinnaqtun Summary of Renewal Application.

☐ Yes ☐ No If no, date expected _____

Application fee of $30.00 CDN (Payee Receiver General for Canada).

☒ Yes ☐ No If no, date expected _____

Water Use Fee Deposit of $30.00 CDN (Payee Receiver General for Canada). The actual water use fee will be calculated by the NWB based upon the amount of water authorized for use in accordance with the Regulations at the time of issuance of the licence.

☒ Yes ☐ No If no, date expected _____

28. SIGNATURE

Name (Print)	Title (Print)	Signature	Date
JO-ANNE PRICE	Lands Manager		Jan 4th 2013

EXPLORATION/ REMOTE CAMP
SUPPLEMENTARY QUESTIONNAIRE

Applicant: _____	**Licence No:** _____
	(For NWB Use Only)

ADMINISTRATIVE INFORMATION

1. Environment Manager: Jo Price Tel: (780) 437 6624 Fax: (780) 439-7308

2. Project Manager Simeon Robinson Tel: (780) 437 6624 Fax: (780) 439-7308

3. Does the applicant hold the necessary property rights? **Yes**

4. Is the applicant an 'operator' for another company (i.e., the holder of the property rights)? If so, please provide letter of authorization. **No**

5. Duration of the Project
   - ☐ Annual
   - ☒ Multi Year:
     If Multi-Year indicate proposed schedule of on site activities
     Start: March 2013 Completion: Sept. 2016

CAMP CLASSIFICATION

6. Type of Camp
   - ☐ Mobile (self-propelled)
   - ☐ Temporary
   - ☒ Seasonally Occupied: **Exploration Camps (Hayes Camp, Bullion camp, Crater Lake Camp and Ingot Camp**
   - ☐ Permanent
   - ☐ Other: _____

7. What is the design population of the camp and the maximum population expected on site at one time? What will be the fluctuations in personnel?

Hayes Camp
Hayes camp to 100 person camp, to operate 7 diamond drills and 2 RC drills, upgrade the current airstrip to length to 3000'. Use of WWTP, WTP and Sludge Press at Hayes Camp. Install a clear Span bridge at Hayes Camp. Continue to use a temporary winter ice strip on Sandspit lake for Herculaes mobilization, and a temporary winter road route to the Three Bluffs site.

Ingot, Bullion or Crater Camps
1-7 geological personnel, 1 cook, 1 pilot, 1 engineer, ± 10 drill crew, and 2 camp personnel when required. Max = 25 per camp at one time when drilling.

8. Provide history of the site if it has been used in the past.

Hayes Camp – operation since 1994
Crater Lake Camp – operational since 1997
Bullion camp – since 2004
Ingot Camp – since 2005
All used as geological base camps, seasonally when required.

CAMP LOCATION

9. Please describe proposed camp location in relation to biogeographical and geomorphological features, and water bodies.

Camps are located on eskers close to lake shores.
Locations are in UTM, Nad 83 Zone 15

	Easting or Latitude	Northing or Longitude
Bullion Camp		
UTM	494850	7363850
DD	66o23'30"	93o07'30"
Herc Strip Cache		
UTM	564271	7393425
DD	66o39'10"	92o32'41"
Hayes Camp		
UTM	564613	7394173
DD	66o39'30"	91o33'11"
Ingot Camp		
UTM	516500	7386100
DD	66o35'40"	92o37'34"
Inuk Camp		
UTM	677781	7478788
DD	67o22'19"	88o51'21"

10. How was the location of the camp selected? Was the site previously used? Was assistance from the Regional Inuit Association Land Manager sought? Include maps and/or aerial photographs.

Sites were selected on the basis of location, proximity to exploration areas, relatively flat ground, and geology.

11. Is the camp or any aspect of the project located on:

☒Crown Lands	Permit Number (s)/Expiry Date:	**N2009C0018 May 21, 2012** **N2009C0019 May 21, 2012**
☐Commissioners Lands	Permit Number (s)/Expiry Date:	_____
☒Inuit Owned Lands	Permit Number (s)/Expiry Date:	**KTL306C031 January 4,2012** **KTL305C004 January 4, 2012**

12. Closest Communities (distance in km):

Kugaaruk to Hayes Camp – 220 km
Repulse Bay to Hayes Camp – 235 km
Rankin Inlet to Hayes Camp – 430km

13. Has the proponent notified and consulted the nearby communities and potentially interested parties about the proposed work?

Yes

14. Will the project have impacts on traditional water use areas used by the nearby communities? Will the project have impacts on local fish and wildlife habitats?

No

PURPOSE OF THE CAMP

15. ☒ Mining (Exploration)
☐ Tourism (hunting, fishing, wildlife observation, adventure/expedition, etc.) (Omit questions # 16 to 21)
☐ Other _____ (Omit questions # 16 to 22

16. ☐ Preliminary site visit
☒ Prospecting
☒ Geological mapping
☒ Geophysical survey
☒ Diamond drilling
☒ Reverse circulation drilling
☐ Evaluation Drilling/Bulk Sampling (also complete separate questionnaire)
☐ Other: _____

17. Type of deposit:
- ☐ Lead Zinc
- ☐ Diamond
- ☒ Gold
- ☐ Uranium
- ☐ Other: _____

DRILLING INFORMATION

18. Drilling Activities
- ☒ Land Based drilling
- ☒ Drilling on ice

19. Describe what will be done with drill cuttings?

All land-based drill cuttings are pumped to a sump which is either a natural depression or a dyke that is temporarily deployed, both of which trap the drill cuttings and allow the water to drain away. The drill cuttings are then re-habilitated with peat moss and fertilizer. Ice based drill cuttings will be collected in tanks and removed to land based sump, see attached plan

20. Describe what will be done with drill water?

All land based drilling fluids will be treated in sumps to collect cuttings, allowing the water to drain into the surrounding landscape. Ice based drill water will be tanks and pump to a suitable land based depression and allowed to drain. See attached plan

21. List the brand names and constituents of the drill additives to be used? Includes MSDS sheets and provide confirmation that the additives are non-toxic and biodegradable.

550x Polymer, Linseed Soap, Big Bear Diamond Rod Grease

22. Will any core testing be done on site? Describe.

Core will be moved to the nearest camp to be cut or mechanically split and sampled.

SPILL CONTINGENCY PLANNING

23. Does the proponent have a spill contingency plan in place? Please include for review.

See attached Spill Contingency Plan

24. How many spill kits will be on site and where will they be located?

Three large spill kits will be positioned around the main fuel cache. A smaller kit will be placed at each of the operating drills, the generator shack, with each piece of heavy equipment, the incinerator and the helicopter pad (i.e. wherever fuel is transferred or stored). See Fuel Management Plan

25. Please describe the types, quantities, and method of storage of fuel and chemicals on site, and provide MSDS sheets.

See attached Corporate and Social Responsibility Plan and Spill Contingency Plan

WATER SUPPLY AND TREATMENT

26. Describe the location of water sources.

All camps are located close to lakes and numerous small ponds and lakes will be used for land based drilling.

27. Estimated demand: (based on max 40 people in camp, and max 25 in supplementary camp)

☒ Domestic Use: up to 50m3 per day Water Source: local camp lakes
☒ Drilling Units: 35m3 per day per diamond drill Water Source: small lakes & ponds

☒ Other: Temporary winter road_ Water Source: local lake

28. Describe water intake for camp operations? Is the water intake equipped with a mesh screen to prevent entrapment of fish? Describe:

Land-based pump with filtered intake.

29. Will drinking water quality be monitored? What parameters will be analyzed and at what frequency?

Yes, samples will be taken to monitor various types of coliform bacteria . This will be done on mobilization to the camps, during our occupation and upon de-mobilization. We also used a separate UV filter to treat drinking water.

In addition, we propose to install a new waste water treatment plant that uses UV filters to treat drinking water, as well as biologically treats all grey water and sewage.

30. Will drinking water be treated? How?

Water will be lightly chlorinated, and a UV filter is used on all drinking water at Hayes

Camp

31. Will water be stored on site?

Yes, there will be 6 250 gallon tank located at each camp for domestic use.

WASTE TREATMENT AND DISPOSAL

32. Describe the characteristics, quantities, treatment and disposal methods for: **see attached environmental procedures plan**

- ☒ Camp Sewage (blackwater)
  Contained and incinerated in Pacto toilets, and treated in new WWTP.
- ☒ Camp Greywater
  Sump and in new WWTP with installed
- ☒ Solid Waste
  Incineration/shipped off site
- ☒ Bulky Items/Scrap Metal
  shipped off site
- ☒ Waste Oil/Hazardous Waste
  Waste oil and Hazardous waste will be shipped off site intended for a registered disposal company, or burned in our proposed used oil furnace to heat the new shop.
- ☒ Empty Barrels/Fuel Drums
  shipped off site
- ☐ Other: _____

33. Please describe incineration system if used on site. What types of wastes will be incinerated?

The camp incinerator will be a forced-air, diesel fired system mounted to a metal skid. Blackwater, solid waste will be incinerated with this equipment.

We propose to install a new large and compliant double chambered incinerator with electronic monitoring systems.

34. Where and how will non-combustible waste be disposed of. If in a municipality in Nunavut, has authorization been granted?

All inert non-combustible waste shipped off site will be disposed of in the appropriate municipal/city dump.

35. Describe location (relative to water bodies and camp facilities) dimensions and volume, and freeboard for sumps (if applicable).

One sump between the kitchen and dry with dimensions of 3m x 3m x 1.2m (10.8m^3), more than 100 m from surface water.

Once the new WWTP and incinerator are installed and operational, the old sumps will be allowed to drain fully, then filled in with esker material.

36. Will leachate monitoring be done? What parameters will be sampled and analyzed, and at what frequency?

N/A

OPERATION AND MAINTENANCE

37. Have the water supply and waste treatment and disposal methods been used and proven in cold climate? What known O&M problems may occur? What contingency plans are in place?

In use since 1994 and 1997 at present locations. No problems reported.

ABANDONMENT AND RESTORATION

38. Provide a detailed description of progressive and final abandonment and restoration activities at the site.

See Corporate and Social Responsibility Plan and A&R Plan attached

BASELINE DATA

39. Has or will any baseline information be collected as part of this project? Provide bibliography.
- ☒ Physical Environment (Landscape and Terrain, Air, Water, etc.)
- ☒ Biological Environment (Vegetation, Wildlife, Birds, Fish and Other Aquatic Organisms, etc.)
- ☒ Socio-Economic Environment (Archaeology, Land and Resources Use, Demographics, Social and Culture Patterns, etc.)
- ☐ Other:

REGULATORY INFORMATION

40. Do you have a copy of
- ☒ Article 13 - Nunavut Land Claims Agreement
- ☒ NWB - Water Licensing in Nunavut - Interim Procedures and Information Guide for Applicants

- ☒ NWB - Interim Rules of Practice and Procedure for Public Hearings
- ☒ NWTWB - Guidelines for the Discharge of Treated Municipal Wastewater in the NWT
- ☒ NWTWB - Guidelines for Contingency Planning
- ☒ DFO - Freshwater Intake End of Pipe Fish Screen Guideline
- ☒ Fisheries Act - s.35
- ☒ RWED - Environment Protection- Spill Contingency Regulations
- ☒ Canadian Drinking Water Quality Guidelines
- ☒ Public Health Act Camp Sanitation Regulations
- ☒ Public Health Act Water Supply Regulations
- ☒ Territorial Land Use Act and Regulations

You should consult the above document, guidelines, and legislation for compliance with existing regulatory requirements.