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NUNAVUT IMALIRIYIN KATIMAYINGI

EXPLORATION/ REMOTE CAMP SUPPLEMENTARY QUESTIONNAIRE

Applicant: KENNECOTT CANADA EXPLORATION INC. Licence No: _____
(For NWB Use Only)

ADMINISTRATIVE INFORMATION

1. Environment Manager: SUSAN BALL Tel: 6046691880 Fax: 6046695253 E-mail: SUSAN.BALL@KENNECOTT.COM
2. Project Manager: TROY GILL Tel: AS ABOVE Fax: _____ E-mail: TROY.GILL@KENNECOTT.COM
3. Does the applicant hold the necessary property rights?
4. Is the applicant an 'operator' for another company (i.e., the holder of the property rights)? NO
If so, please provide letter of authorization.
5. Duration of the Project
☐ Annual
☒ Multi Year:
If Multi-Year indicate proposed schedule of on site activities
Start: APRIL 2005 Completion: APRIL 2007

CAMP CLASSIFICATION

6. Type of Camp
☐ Mobile (self-propelled)
☐ Temporary
☒ Seasonally Occupied: SPRING-SUMMER EXPLORATION.
☐ Permanent
☐ Other: _____
7. What are the design population of the camp and the maximum population expected on site at one time? What will be the fluctuations in personnel? 20 MAN CAMP TO BE CONSTRUCTED WITH A POPULATION VARYING FROM 2-30 PEOPLE.
8. Provide history of the site if it has been used in the past. THE SITE WAS BEEN USED AS A FUEL CACHE FOR REGIONAL SAMPLING PROGRAM IN 2004.

CAMP LOCATION

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

JUST EAST OF SNOW BUNTING LAKE.

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.

THE CAMP LOCATION WAS SELECTED BASED ON PROXIMITY TO THE PROJECT AREA AND SUITABILITY OF THE LAKE TO LAND A FLOAT PLANE. THE AREA WAS USED AS A FUEL CACHE IN 2004. NO ASSISTANCE WAS SOUGHT IN SELECTING THE AREA.

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

☒ Crown Lands Permit Number (s)/Expiry Date: N 2004J0024 / AUGUST 9, 2006
☐ Commissioners Lands Permit Number (s)/Expiry Date: _____
☒ Inuit Owned Lands Permit Number (s)/Expiry Date: KTL 204C023 / MAY 13, 2005

12. Closest Communities (distance in km):

BAKER LAKE 220 km

GJOA HAVEN 280 km

NAUJAAT (REPULSE BAY) 365 km

KUGAARUK (PELLY BAY) 330 km

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

AN OPEN HOUSE MEETING WAS HELD ON 6 JULY 2004 IN TALOYAK TO DISCUSS KENNECOTTS ACTIVITIES IN THE PROJECT AREA AND INFORMATION LETTERS WERE SENT TO THE HAMLETS AND HUNTERS AND TRAPPERS ORGANISATION.

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?

DUE TO LOW WATER USE, RECYCLING AND CONTAINMENT OF WASTE WATERS IT IS CONSIDERED THAT THE WORK WILL HAVE A LOW IMPACT ON TRADITIONAL WATER USE AND LOCAL FISH AND WILDLIFE HABITATS.

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?

FILTERED OUT THROUGH SUMPS ON LAND. POLYDRILL SYSTEM USED ON ICE AND CUTTINGS REMOVED.

20. Describe what will be done with drill water?

RECIRCULATED FOR DRILLING.

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.

"EXTREME STOP" (LOST CIRCULATION MATERIAL) ACRYLAMIDE COPOLYMER
"EXTREME NO 1" (DRILLING MUD) ACRYLAMIDE, ACRYLATE COPOLYMER
"1330/133X" (DRILLING FLUID) POLYMER
"EXTREME KWIK SET" (OILWELL CEMENT) CALCIUM SULPHATE.
"DRILL MUD" BENTONITE "HEXANE" LIQUID HYDROCARBON

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

NO

SPILL CONTINGENCY PLANNING

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

YES. ATTACHED

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

1 LOCATED AT CAMP.
1 AT THE MAIN FUEL CACHE
1 AT THE DRILLSITE

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

100 DRUMS OF DIESEL.
100 DRUMS OF JET A OR B
2 DRUMS OF GASOLINE
50 x 100LB BOTTLES OF PROPANE.

WATER SUPPLY AND TREATMENT

26. Describe the location of water sources.

SNOW BUNTING LAKE. OTHER LAKES CLOSER TO DRILLSITES.

27. Estimated demand (in L/day * person):

☒ Domestic Use: ~ 800 L / DAY Water Source: SNOW BUNTING LAKE.
☒ Drilling Units: ~ 1000 L / DAY Water Source: SMALL LAKES CLOSE TO DRILLSITES
☐ Other: _____ Water Source: _____

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

LIFT PUMP FITTED WITH A MESH SCREEN AT INTAKE.

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

WATER POTABILITY TESTED ANNUALLY

30. Will drinking water be treated? How?

DRINKING WATER (BOTTLED) TO BE FLOWN IN.

31. Will water be stored on site? YES, IN 5,000 L TANK.

WASTE TREATMENT AND DISPOSAL

32. Describe the characteristics, quantities, treatment and disposal methods for:

☒ Camp Sewage (blackwater)

PIT TOILET

☒ Camp Greywater

SUMP

☒ Solid Waste

COMBUSTIBLES INCINERATED / NON-COMBUSTIBLES REMOVED.

☒ Bulky Items/Scrap Metal

REMOVED

☒ Waste Oil/Hazardous Waste

REMOVED

☒ Empty Barrels/Fuel Drums

REMOVED

☐ Other:

33. Please describe incineration system if used on site. What types of wastes will be incinerated?
COMBUSTIBLE CARRAGE WILL BE BURNED IN A DRUM MODIFIED TO BE AN INCINERATOR.

34. Where and how will non-combustible waste be disposed of? If in a municipality in Nunavut, has authorization been granted?
NON COMBUSTIBLE WASTE WILL BE REMOVED FROM SITE FOR DISPOSAL AT BAKER LAKE CO-ORDINATED BY PETERS EXPEDITING.

35. Describe location (relative to water bodies and camp facilities) dimensions and volume, and freeboard for sumps (if applicable).
TWO PRIMARY SUMPS MEASURING 1x1x1 metres will be constructed FROM PLYWOOD FOR CONTAINING WASTE WATER FROM THE KITCHEN, LAUNDRY AND SHOWER

36. Will leachate monitoring be done? What parameters will be sampled and analyzed, and at what frequency? NO.

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?
YES. BASIC NATURALLY INSULATED SUMP. SPILL KITS ON SITE.

ABANDONMENT AND RESTORATION

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