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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI
OFFICE DES EAUX DU NUNAVUT

EXPLORATION/ REMOTE CAMP SUPPLEMENTARY QUESTIONNAIRE

Applicant: ____UR-Energy Inc._____Licence No: _____
(For NWB Use Only)

ADMINISTRATIVE INFORMATION

1. **Environment Manager: *J. D. Charlton_Tel: 450.455.2850 Fax: 450.455.2850 E-mail:charltonex@bellnet.ca***

2. Project Manager: ***J. D. Charlton_Tel: 450.455.2850 Fax: 450.455.2850 E-mail:charltonex@bellnet.ca***

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

   ☐ One year or less Start and completion dates: *May 15, 2007 to May 15, 2012*
   ☒ Multi Year:

   If Multi-Year indicate proposed schedule of on site activities
   Start: May 15, 2007 *Completion: May 15, 2012*

CAMP CLASSIFICATION

6. Type of Camp

   ☐ Mobile (self-propelled)
   ☒ Temporary
   ☐ Seasonally Occupied: _____
   ☐ Permanent
   ☐ Other:_____

7. What is the design, maximum and expected average population of the camp?

   6 tents, 7 people.

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

   Used by Cominco Exploration Ltd. in 1976-1980.

CAMP LOCATION

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

On west shore of the widening of the Nowleye River – 13 km south of south end of Nowleye Lake. See attached 1:50,000 and 1:250,000 maps.

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 site is now and was previously used because it is the only gravel beach which is float plane accessible on the BUGS property. This site was previously used by Cominco Ltd. during the period 1976-80.

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

☐X Crown Lands Permit Number (s)/Expiry Date:

Claim Name	*Claim Number*	*Recording Date*	*Expiry Date*	*Area (acres)*
BUGS 1	*F97522*	*Aug 31, 2005*	*Aug 31, 2007*	*1033.00*
BUGS 2	*F97523*	*Aug 31, 2005*	*Aug 31, 2007*	*2582.50*
BUGS 3	*F97524*	*Aug 31, 2005*	*Aug 31, 2007*	*2582.50*
BUGS 4	*F97525*	*Aug 31, 2005*	*Aug 31, 2007*	*2582.50*
BUGS 5	*F97526*	*Aug 31, 2005*	*Aug 31, 2007*	*2582.50*
BUGS 6	*F97527*	*Aug 31, 2005*	*Aug 31, 2007*	*2582.50*
BUGS 7	*F97528*	*Aug 31, 2005*	*Aug 31, 2007*	*2582.50*
BUGS 8	*F97529*	*Aug 31, 2005*	*Aug 31, 2007*	*2582.50*
BUGS 9	*F97530*	*Aug 31, 2005*	*Aug 31, 2007*	*2582.50*
BUGS 10	*F97601*	*Aug 31, 2005*	*Aug 31, 2007*	*2582.50*
BUGS 11	*F97602*	*Aug 31, 2005*	*Aug 31, 2007*	*2582.50*
TOTAL				*26,858.00*

☐ Commissioners Lands Permit Number (s)/Expiry Date: NO
☐ Inuit Owned Lands Permit Number (s)/Expiry Date: NO

12. Closest Communities (direction and distance in km):

Arviat, NU is 390 km to ESE

Baker Lake, NU is 360 km to NorthEast

Kasba Lake Lodge is 200 km to South.

Stony Rapids, Sask. is 400 km to SW.

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

There are no nearby communities.

14. Will the project have impacts on traditional water use areas used by the nearby communities?
NO
Will the project have impacts on local fish and wildlife habitats?
NO

PURPOSE OF THE CAMP

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

16. Activities (check all applicable)

☐ 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 (exploration focus):

☐ Lead Zinc
☐ Diamond
☐ Gold
☒ Uranium

☐ Other: _____

DRILLING INFORMATION

18. Drilling Activities

N/A – no drilling in this application

☐ Land Based drilling
☐ Drilling on ice

19. Describe what will be done with drill cuttings?

N/A

20. Describe what will be done with drill water?

N/A

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.

N/A

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

No. N/A

SPILL CONTINGENCY PLANNING

23. The proponent is required to have a site specific Spill Contingency Plan prepared and submitted with the application This Plan should be prepared in accordance with the *NWT Environmental Protection Act, Spill Contingency Planning and Reporting Regulations, July 22, 1998* and *A Guide to the Spill Contingency Planning and Reporting Regulations, June 2002*. Please include for review.

Ur-Energy's BUGS Project Spill Contingency Plan is attached as a separate document.

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

One spill kit located beside generator and one at helicopter pad.

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

Estimated 15 barrels of diesel,
50 barrels of Jet A,
20 cylinders of propane.
No other chemicals will be used or stored on site. Therefore MSDS sheets are not applicable.
All fuel will be flown in from Stony Rapids, Saskatchewan via Kasba Lake Lodge.
There will be no more than 19 barrels at camp fuel cache at one time.
Camp fuel cache will be on hill behind camp to west about 150 m from Nowleye River.

WATER SUPPLY AND TREATMENT

26. Describe the location of water sources.

Lake-sized widening of the Nowleye River – beside camp.

27. Estimated water use (in cubic metres/day):

☒ Domestic Use: *2 cubic metres/day* Water Source: *Nowleye River*
☐ Drilling: _____ Water Source: _____
☐ Other: _____ Water Source: _____

28. Describe water intake for camp operations? Is the water intake equipped with a mesh screen to prevent entrapment of fish? (see *DFO 1995, Freshwater Intake End-of-Pipe Fish Screen Guideline*) Describe:

The water intake is a 2 inch PVC pipe equipped with a mesh screen to prevent entrapment of fish.

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

NO

30. Will drinking water be treated? How?

NO

31. Will water be stored on site?

NO

WASTE TREATMENT AND DISPOSAL

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

☒ Camp Sewage (blackwater): *Camp sewage will be collected in a pit constructed below an outhouse at a minimum depth of 36 inches. This will be a distance of over 30 metres from the high water mark.*

☒ Camp Greywater: *Grey water from kitchen and dry facilities will be channelled to a settling sump (the nearest natural depression). This will be a distance of over 30 metres from the high water mark.*

☐ Solid Waste: *On each return flight, the flight will be maximized with respect to empty fuel drums, propane bottles, plus camp and fuel garbage and any recyclable materials. Additional flights will be employed upon completion of the program to remove any remaining empty fuel drums or additional recyclable materials. Garbage will be returned by plane to nearest licenced disposal facility.*

☐ Bulky Items/Scrap Metal: *Returned by plane to nearest licenced disposal facility*.

☐ Waste Oil/Hazardous Waste; *N/A*

☐ Empty Barrels/Fuel Drums: *Returned by air as convenient to fuel source locations.*

☐ Other:

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

All combustible garbage will be incinerated daily in approved incinerating device and its residual will be collected and disposed of in Yellowknife.

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

All non-combustible garbage will be removed and disposed of in Yellowknife. All garbage and debris will be kept in covered metal containers on site until disposed of.

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

N/A

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?

YES

ABANDONMENT AND RESTORATION

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

Camp dismantling and site clean-up: All materials will be removed from the camp site. All sumps will be backfilled and recontoured to match surrounding land. All scraps - metal, machinery, barrels, containers, building and building materials will be removed to an approved waste disposal facility prior to the expiration date of the permit.

Grey water from kitchen and dry facilities will be channelled to a settling sump (the nearest natural depression). Camp sewage will be collected in a pit constructed below an outhouse at a minimum depth of 36 inches. On each return flight, the flight will be maximized with respect to empty fuel drums, propane bottles, plus camp and fuel garbage and any recyclable materials. Additional flight will be employed upon completion of the program to remove any remaining empty fuel drums or additional recyclable materials.

Prior to camp break up the project supervisor will contact the designated Inspector at least ten days in advance of shut down of the project to advise of removal of equipment, completion of project and site restoration. The camp will be dismantled upon completion of the exploration program and the location will be inspected prior to leaving. All sumps will be backfilled and recontoured to match the surrounding landscape. All scraps metal, machinery, barrels and kegs, building and building materials will be removed to an approved waste disposal facility prior to expiration date of the permit.

BASELINE DATA

39. Has or will any baseline information be collected as part of this project? Provide bibliography.

NO

- ☐ 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. At a minimum, you should ensure you have a copy of and consult the documents below for compliance with existing regulatory requirements:

- ✓ ARTICLE 13 – *NCLA -Nunavut Land Claims Agreement*

- ✓ NWNSRTA – *The Nunavut Waters and Nunavut Surface Rights Tribunal Act, 2002*
- ✓ *Northwest Territories Waters Regulations, 1993*
- ✓ NWB - Water Licensing in Nunavut - Interim Procedures and Information Guide for Applicants
- ✓ NWB - Interim Rules of Practice and Procedure for Public Hearings
- ✓ RWED – *Environmental Protection Act, R-068-93- Spill Contingency Planning and Reporting Regulations, 1993*
- ✓ RWED A Guide to the Spill Contingency Planning and Reporting Regulations, 2002
- ✓ NWTWB - Guidelines for Contingency Planning
- ✓ *Canadian Environmental Protection Act, 1999 (CEPA)*
- ✓ *Fisheries Act, RS 1985* - s.34, 35, 36 and 37
- ✓ DFO - Freshwater Intake End of Pipe Fish Screen Guideline
- ✓ NWTWB - Guidelines for the Discharge of Treated Municipal Wastewater in the NWT
- ✓ Canadian Council for Ministers of the Environment (CCME); Canadian Drinking Water Quality Guidelines, 1987
- ✓ Public Health Act - Camp Sanitation Regulations
- ✓ Public Health Act - Water Supply Regulations
- ✓ *Territorial Lands Act* and *Territorial Land Use Regulations*; Updated 2000