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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI
OFFICE DES EAUX DU NUNAVUT

EXPLORATION/ REMOTE CAMP SUPPLEMENTARY QUESTIONNAIRE

Applicant: Forum Uranium Corp. Licence No: _____
(For NWB Use Only)

ADMINISTRATIVE INFORMATION

1. Environment Manager: Rick Mazur Tel: 604-689-2599 Fax: 604-689-3609
   E-mail: mazur@forumuranium.com
2. Project Manager: Jacques Stacey Tel: 403-265-2777 Fax: 403-265-6410
   E-mail: jstacey@taiga-ltd.com; NOTE: Jacques Stacey is your primary contact for all Forum business
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
   [**X**] Multi Year:
   If Multi-Year indicate proposed schedule of on site activities
   Start: **July 1, 2007** Completion: **November 30, 2012**

CAMP CLASSIFICATION

1. Type of Camp

   ☐ Mobile (self-propelled)
   ☐ Temporary
   [X] Seasonally Occupied: at least Summer 2007 to Fall 2009, during summer field seasons
   ☐ Permanent
   ☐ Other:_____

2. What is the design, maximum and expected average population of the camp?
   The design population of the camp is 16 to 18 persons. Maximum population may be 18 persons during visits by management or regulators. Average population of camp expected to be 12 to 14 persons.

3. Provide history of the site if it has been used in the past.
   The Schultz Lake-Sisson Lake areas have seen periods of intense exploration activity, most notably from 1969 to the mid-1980s. Since 2000 there has been resurgence in uranium exploration in the region involving companies such as Areva Resources, Cameco

Corp., Bayswater Uranium, Cumberland Resources, and Tanqueray Resources. A brief summary of past exploration in the region is provided in the table below.

Company	Period of Operations	Area explored
Aquitaine Company of Canada Ltd.	1969-1971	Aberdeen Lake-Schultz Lake: NTS 66B6-10,16 & NTS 66A3,11,12; Pitz Lake-Princess Mary Lake: NTS66A3 & 65P14,15; Sand Lake: NTS 66G3
Metallgesellschaft Canada Ltd	1974-1975	North and South of Aberdeen Lake: 66A4,5,6,12,13; 66B1,8,9,16; 66G1,8
Urangesellschaft Canada Ltd	1976-1979, 1980-1985, 1987-1990, 1993	North and South of Aberdeen Lake and East to Baker Lake: 66A7,10; B6,7; G2,7; Sissons Lake 66A5; North of Sissons Lake:66A5; Schutz-Sissons-Thelon Area:66A5,6,10,12,B5,6,7,G2,3,7,8;
Central Del Rio Oils Ltd	1969	Princess Mary Lake: NTS 66A5,6
Cominco Ltd.	1971, 1980-1981	Princess Mary Lake: NTS 66A5,6; Sissons Lake: 66A3,4,5,6; East end of Aberdeen Lake: 66A5,12 & B8,9
Comaplex Resources International Ltd.	1979-2001	Sissons Lake Area: 66A5,6; Schultz Lake Area: 66A6; Ayaktuukirk Lake Area:66A7,10
Noranda Exploration Company Ltd	1980-1982	65Km W-SW of Baker Lake: 66A3; Bisset Lake Area: 66A1,2,3,4,8
BP Minerals	1979-1982; 1986-1988	Schultz Lake Area: 66A11
Marline Oil Corporation	1979-1980	Aberdeen Area: 66A4, B1,7,8;
Hudson Bay Oil & Gas Co	1981-1982	Aberdeen Lake Area: 66B9,10,15; Thelon River Area:66A9,10
Anaconda Canada Exploration Ltd	1982-1983	Aberdeen Lake Area: 66A3,4, B1,7,8
Asamera Inc	1986-1987	Tehek- Schultz Lakes Area: 66H1SW, A6, A9NE, 56E4
Pamorex Minerals	1988-1989	Square Lake Area: 66A6
Echo Bay Mines	1988	Contwoyto Lake Area: 76E12
Cogema	1993-1996	Sissons Schultz South Area: 66A5; Sissons Lake Area: 66A4,5,B1,8; Schultz Lake Area: 66A5,6,11,12; Samrock Lake Area: 66B1

CAMP LOCATION

4. Please describe proposed camp location in relation to biogeographical and geomorphological features, and water bodies.
Camp is located on the northwest shore of Thom Lake, 30 km west of the Hamlet of Baker Lake. Camp coordinates are Latitude N 64º 22', Longitude W 96º 37'. A 160 metre hill exists approximately two kilometres northwest of camp. Eskers to the north and east of camp are occasionally used as pathways by wildlife traveling through the area.

5. 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 is being <u>rented</u> by Forum Uranium Corp. from Tanqueray Resources Ltd, who is the registered and permitted owner of the Thom Lake Camp. The site has been in use by Tanqueray since the summer of 2005. Tanqueray chose the camp location through consultation with leaders from the community of Baker Lake and the Kivalliq Inuit Association.

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

X Crown Lands Permit Number (s)/Expiry Date: <u>permits pending</u>
☐ Commissioners Lands Permit Number (s)/Expiry Date: _____
X Inuit Owned Lands Permit Number (s)/Expiry Date: <u>KIA LUP KVL307C01 pending; previous KIA LUP # KVL106B12 expires June 4, 2007</u>

7. Closest Communities (direction and distance in km):
Baker Lake, Nunavut is 30 km east of Thom Lake Camp

8. Has the proponent notified and consulted the nearby communities and potentially interested parties about the proposed work?
Yes, Forum Uranium has consulted with the Hamlet Council of Baker Lake, as well as the local Hunters and Trappers Organization, the Concerned Citizen's Committee, and Inuit elders from the Baker Lake area.

9. 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?
The impact of Forum's exploration project on traditional water use areas, fish, and wildlife are expected to be minimal. Every effort will be made to avoid disturbance to the local wildlife population by exploration activities.

PURPOSE OF THE CAMP

10.
- X Mining (includes exploration drilling)
- ☐ Tourism (hunting, fishing, wildlife observation, adventure/expedition, etc.) (Omit questions # 16 to 21)
- ☐ Other _____

11. Activities (check all applicable)

- ☐ Preliminary site visit
- X Prospecting
- X Geological mapping
- X Geophysical survey
- X Diamond drilling
- ☐ Reverse circulation drilling
- ☐ Evaluation Drilling/Bulk Sampling (also complete separate questionnaire)
- X Other: Please note that no drilling is scheduled for 2007. If results are promising, Forum will attempt a drill program in 2008.

12. Type of deposit (exploration focus):

- ☐ Lead Zinc
- ☐ Diamond
- ☐ Gold
- X Uranium
- ☐ Other: _____

DRILLING INFORMATION

13. Drilling Activities

- X Land Based drilling
- X Drilling on ice

14. Describe what will be done with drill cuttings?
All land-based drill cuttings will be pumped to a sump that will be located a minimum of 31 metres from the normal high water mark of any water body.

15. 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.

16. 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.
Please see attached Spill Contingency Plan, Appendix III– MSDS Sheets

17. Will any core testing be done on site? Describe.
Core will be logged, split, and sampled by on-site geologists and assistants, and scanned for radioactivity using a hand-held Exploranium GR-110 Scintillometer.

SPILL CONTINGENCY PLANNING

18. 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.
Yes there is a Spill Contingency Plan in place. It is attached to this application for review.

19. How many spill kits will be on site and where will they be located?
There will be one spill kit at camp, one at the drill and one at each fuel cache location. In addition there will also be a minimum of one empty fuel drum located at each fuel cache for use in the event of a leaking or damaged fuel drum. Additional spill pads will be available at each fuel cache. As well, spill pads will be stored in closed pails and located behind the tents at camp.

20. Please describe the types, quantities, and method of storage of fuel and chemicals on site, and provide MSDS sheets.
Please refer to the attached Spill Contingency Plan, Appendix III– MSDS Sheets, attached with this application.

WATER SUPPLY AND TREATMENT

21. Describe the location of water sources.
Numerous lakes are readily available for land-based drilling. These locations will be provided once the drill program is finalized and targets identified. Camp water is drawn from Thom Lake.

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

X Domestic Use: **5 cubic m/day** Water Source: **Thom Lake**
X Drilling: **40 cubic m/day** Water Source **small lakes, see map**
☐ Other: _____ Water Source: _____

23. 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 for camp will be facilitated using a submersible pump with a filtered intake that complies with DFO guidelines for screens to prevent the entrainment of fish.

24. Will drinking water quality be monitored? What parameters will be analyzed and at what frequency?
Camp water quality will be monitored on a monthly basis.

25. Will drinking water be treated? How?
Drinking water will not be treated unless warranted by water quality.

26. Will water be stored on site?
There will be on-site storage tanks for water used for drinking, cooking, washing, etc.

WASTE TREATMENT AND DISPOSAL

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

- ○ Camp Sewage (blackwater) – **0.02 cubic metres/day**
  - disposal method – latrine sump

- ○ Camp Greywater – **3 cubic metres/day**
  - disposal method - sump

- ⊘ Solid Waste **– minimal amount anticipated**
  - disposal method – incineration if appropriate or removed from site

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- ⊘ Bulky Items/Scrap Metal – **minimal amount anticipated**
  - disposal method – removed from site

- ⊘ Waste Oil/Hazardous Waste – **minimal**
  - removed from site in sealed, clearly-marked containers-

- ⊘ Empty Barrels/Fuel Drums
  - removed from site on a regular basis

- ○ Other:

27. Please describe incineration system if used on site. What types of wastes will be incinerated?
A SmartAsh™ incinerator with a forced-air blower system will be used. Food wastes and other combustibles will be incinerated. The SmartAsh system generates very high heat, achieving 97% reduction in volume with very little smoke/exhaust.

28. Where and how will non-combustible waste be disposed of? If in a municipality in Nunavut, has authorization been granted?
Non-combustible, inert waste will be removed from site and taken to Baker Lake. We are currently awaiting authorization to dispose of non-combustible waste in the Baker Lake landfill.

29. Describe location (relative to water bodies and camp facilities) dimensions and volume, and freeboard for all sumps (if applicable).
All sumps will be located at a minimum of 31 metres from the normal high water mark of any water body including streams.

30. Will leachate monitoring be done? What parameters will be sampled and analyzed, and at what frequency?
Visual inspections of drill sumps will be conducted prior to leaving the drill hole and at the end of the field season. In the event that any leaching is observed, the DIAND and NWB Water Resource Officers will be contacted immediately.

OPERATION AND MAINTENANCE

31. 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?
The treatment and disposal methods being proposed are currently in practice across the north and follow the regulated guidelines and accepted methods. The current contingency plan at this time is mitigation (safe distance for disposal in sumps, shipping off site any hazardous chemicals/scrap metal/non-combustible waste, etc.) and monitoring. Should any there be any concerns, the DIAND Water Resource Officer will be notified immediately.

ABANDONMENT AND RESTORATION

32. Provide a detailed description of progressive and final abandonment and restoration activities at the site.
Please see attached "Abandonment & Restoration Plan". The Plan includes seasonal shutdowns as well as final closure.

BASELINE DATA

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

- X Physical Environment (Landscape and Terrain, Air, Water, etc.)
- X Biological Environment (Vegetation, Wildlife, Birds, Fish and Other Aquatic Organisms, etc.)
- X Socio-Economic Environment (Archaeology, Land and Resources Use,

☐ Demographics, Social and Culture Patterns, etc.)
☐ Other: _____

At this point, no baseline data has been collected; over the course of the project, any baseline data that will be collected will be forwarded to the proper departments.

REGULATORY INFORMATION

34. 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