

Public Registry - Project Proposals

NPC 150551: Thelon Property

Type of application: Amendment

Proponent name:

Karina Tyne

Proponent company:

Atha Energy Corp

Project Description:

The Thelon Project (the Property or the Project) is owned and operated by ATHA Energy Corp (ATHA), through its wholly owned subsidiary ATHA Energy (NU) Corp. ATHA is a Canadian company engaged in the exploration and development of uranium assets in pursuit of a clean energy future. The Project is located approximately 65 kilometres west of Qamani'tuaq (Baker Lake), in the Kivalliq Region of Nunavut. The Project comprises of 705 mineral claims and overlaps portions of Inuit Owned Land (IOL) Surface Parcels BL-06, BL-15, BL-17, BL-19, BL-26, BL-27, BL-28, BL-29, BL-30, BL-31, RI-31, and RI-32. The Property encompasses 1,110,428 hectares on NTS map sheets 66 A/04-06, 66 A/11-13, 66 B/1-16, 66 C/15, 66 C/16, 66 F/01, 66 F/02, 66 F/08, 66 G/01-07, 66 H/03, 66H/04, 65 P/05, 65 P/06, 65 P/09, 65 P/10, 65 P/11, 65 P/12 and 65 P/14. The Project extends north, south, east and west between Latitudes 65°28' and 63°23' North and Longitudes 96°22' and 100° 37' West. To date, ATHA has undertaken airborne geophysical surveying on the Property over IOL and Crown land. Surveying over IOL on the Property was authorized under Kivalliq Inuit Association (KIA) Land Use License KVL124B01. No other work has been undertaken by ATHA on the Property to date. The proposed mineral exploration activities include airborne and ground geophysical surveys, geological mapping and prospecting, geochemical sampling (rock, soil, and till), trenching and drilling (diamond and reverse circulation). To support these activities, ATHA is proposing the establishment of up to two temporary camps at a time along with fuel caches, and the use of water and disposal of waste associated with camp operations and exploration drilling. These proposed activities are seasonal and expected to be undertaken annually between February and October. Transportation of people and supplies to the Project will be primarily via air (both fixed-wing and rotary-wing) with overland hauling expected periodically to support transportation of bulk goods and large items. Overland hauling will only occur during winter months when adequate (at least 10 cm) compacted snow is present. Upon Project completion, the camp and equipment will be removed and the site reclaimed. Community feedback is important to ATHA. Consultation will be conducted regularly to discuss exploration activities with the KIA, Hunters and Trappers Organization (HTO) and Hamlet of Baker Lake. Frequency of engagement will depend on the activities being undertaken, but at a minimum are expected to include annual community visits for meetings with the KIA, HTO and Hamlet of Baker Lake.

[Project Schedule](#)

Start Date:

2025-02-08

End Date:

2025-09-23

[Project Map](#)

List of project geometries:

Id

Geometry

Location Name

[14024](#)

polygon

ATHA_Thelon_Mineral_Claims_nad83z14_20240430

NPC Planning regions:

Keewatin

[Project Land Use and Authorizations](#)

Project Land Use:

Mineral Exploration

Mineral Exploration

Licensing Agencies:

Kivalliq Inuit Association

Kivalliq Inuit Association

Nunavut Impact Review Board

Nunavut Water Board

Government of Canada - Crown-Indigenous Relations and Northern Affairs Canada

[Material Use](#)

Equipment:

Type

Quantity

Type

Use

Helicopter

2

B2 or B3

Drill move, transportation of crew and supplies

Snowmobile with sled

2

Bravo or equivalent

Supply movement, camp servicing

ATV with trailer

2

600 cc or larger

Camp Servicing

Generator

2

30 kVa/50kVa

Primary and back up power

Toilet

6

pacto toilet or similar

human waste disposal

Submersible Electric Pump

2

2 inches

camp water

Gas Intake Pump

2

2 inches

camp water

Wateraax fire pump and hose

1

standard

dedicated fire system

Portable Generator

2

Honda 2200 or similar

Gas portable construction generator

Diesel Stoves

24

Toyotomi L730 or similar

Heating

Oil drip stove

1

standard

heating contingency and cold weather start up

Incinerator

1

dual chambered

garbage disposal

Core saw with ventilation

2

standard

cutting core

Snowcats

several

standard

winter overland equipment and fuel haul

Challengers and Delta

several

standard

winter overland equipment and fuel haul

heli-portable drills

3

17700 lbs

drilling core

CAT Bulldozer

1

D6

camp servicing

CAT Skidsteer

1

257B

Camp servicing

CAT front end loader

1

928G

Camp servicing

Fuel Use:

Type

Container

Capacity

Use

Aviation fuel

700

205

Helicopter fuel

Diesel

700

205

drill/camp fuel

Gasoline

100

205

Equipment fuel (ATV's, generators, snowmobiles, pumps)

Propane

40

100

Cooking

Hazardous Material and Chemical Use:

Type

Container

Capacity

Use

Motor Oil 10W40

24

1

Equipment

Motor Oil 15W40

20

5

Lubricant

Linseed Oil

50

5

Drill use

Engine Coolant

20

1

Engine Coolant

Diesel 911

12

1

Diesel fuel treatment

Hydraulic fluid

20

5

drill use

Calcium Chloride

750

50

drilling salt

Drilling mud

150

5

drill use

Water Consumption:

Daily Amount (m²)

Retrieval Method

Retrieval Location

299

local nearby water bodies

Pump

[Waste and Impacts](#)

Environmental Impacts:

ATHA Energy Corp. is committed to the protection and conservation of the natural environment and to ensuring the health and safety of all employees, contractors, and people in surrounding

communities. Potential for environmental impacts of exploration activities at the Thelon Property are expected to be limited, with the following avoidance and mitigations to occur: •Denning and nesting sites will be avoided, and the locations recorded and provided to the regional wildlife authorities. •Prior to ground disturbance, archaeological surveys will be conducted, and any identified sites will be avoided and reported immediately. • There will be no discharge of any kind into any water bodies. •Within 31 m of the normal high-water mark of any water body there will be no drilling, no camp, sump, fuel cache, or hazardous waste storage. •All hazardous materials will be placed in secondary containment and stored a minimum of 31 m from the normal high-water mark of any water body. •All waste materials will be incinerated (combustible only), reused, recycled and/or disposed of at an accredited facility. For further avoidance and mitigation details please see the Spill Contingency Plan, Waste Management Plan, Abandonment and Restoration Plan, Radiation Hazard Control Plan, and Wildlife Management Plan.

Waste Management:

Waste Type

Quantity Generated

Treatment Method

Disposal Method

Combustible wastes

unknown

ash from the incinerator backhauled to an approved facility

Incinerator

Greywater

289m³/day

Drilling Greywater and non-mineralized cuttings will be deposited into sumps will allow greywater to percolate into overburden; minimum distance of 31 m from any water sources.

natural depression sumps adjacent to drillholes

Greywater

10m³/day

Camp greywater will be deposited into sumps in order to percolate into overburden at a minimum distance of 31 m from any water sources. Grease traps will be used to collect solids

sump

Hazardous

Unknown

Containers will be backhauled to an approved facility for disposal, Please see waste management plan for additional details

Mineralized drill cuttings will be disposed of downhole or temporarily stored in sealed containers on an elevated, dry, flat, outcrop, 100m from any waterbody

Hazardous waste

unknown

Drums will be backhauled to an approved facility for proper disposal

Stored in sealed containers, within secondary containment

Non-Combustible wastes

unknown

Drums will be backhauled to an approved facility for proper disposal

Stored in sealed containers, within secondary containment

Sewage (human waste)

10 - 40 people

ash from the incinerator backhauled to an approved facility. See Waste Management Plan for more details

Incineration