

NWB Annual Report

Year being reported: 2023

License No: 2BE-ANG2227

Issued Date: April 12, 2022

Expiry Date: April 11, 2027

Project Name:

Angilak Project

Licensee:

5833 Nunavut Ltd.

Mailing Address:

Suite 1020, 800 Pender St. W
Vancouver, BC, V6C 2V6

Name of Company filing Annual Report (if different from Name of Licensee please clarify relationship between the two entities, if applicable):

Tara Gunson, APEX Geoscience Ltd. (contractor assisting with permitting)

General Background Information on the Project (*optional):

The Angilak Project is a uranium exploration project located approximately 225 kilometers SW of Baker Lake in the Kivalliq Region of Nunavut.

Licence Requirements: the licensee must provide the following information in accordance with

Part B

Item 2

A summary report of water use and waste disposal activities, including, but not limited to: methods of obtaining water; sewage and greywater management; drill waste management; solid and hazardous waste management.

Water Source(s):

Nutaq Lake, L50 Main Zone Pump 1, L50 Main Zone Pump 2

Water Quantity:

5	Quantity Allowable Domestic (cu.m)
1.26	Actual Quantity Used Domestic (cu.m)
294	Quantity Allowable Drilling (cu.m)
61.81	Total Quantity Used Drilling (cu.m)

Waste Management and/or Disposal

- ☐ Solid Waste Disposal
☒ Sewage
☒ Drill Waste
☒ Greywater
☒ Hazardous
☐ Other:

Additional Details:

Sewage collected in pacto bags at Nutaq Camp were incinerated at the camp, as produced. Greywater was discharged into a geywater sump behind the Dry in Nutaq camp, a plywood lid was installed to enable inspection and to keep wildlife out. A fat trap was used in the kitchen's greywater discharge line, before entering the greywater sump. Benign drill cuttings were stored at the sump (62 34 21.87N 98 30 26.21W) and drill cuttings exceeding 0.05% U were put into sealed steel drums and stored on a flat outcrop at 62 35 23.63N 98 37 05.21W. Hydrocarbon contaminated sand and absorbent pads were put into sealed steel drums and put into the waste berm NW of fuel berm West A, ready to be removed during Spring Mobe 2024 to a licensed disposal facility in Yellowknife or Quebec. Combustible waste was incinerated with the ash collected in 205 litre, locked steel drums and then removed from the site. Kitchen containers were sorted and recyclable plastics were stored in bulk bags in a large wooden crate to prevent attracting wildlife, daily. Labelled containers in the Dry contained separated glass jars, fluorescent tubes, batteries and empty aerosol cans. Backhauls from Baker Lake to Yellowknife on ATRs delivered the loads to KBL Environmental Ltd. for proper disposal. Scrap metal and crushed drums were barged to Becancour, QC and recycled by AIM Recycling.

A list of unauthorized discharges and a summary of follow-up actions taken.

Spill No.:

2023-146

(as reported to the Spill Hot-line)

Date of Spill:

Winter2022/2023

Date of Notification to an Inspector:

April 12 2023

Additional Details: (impacts to water, mitigation measures, short/long term monitoring, etc)

A P50 spill occurred when a powerful windstorm at the Nutaq Camp displaced 7 tents off their bases, including the medic tent. The force of the movement was substantial enough to drag a connected fuel drum with the tent, snapping the hose off, allowing the drum to empty itself. Any loose, contaminated sand was cleaned up immediately upon discovery, with the remaining frozen material left for 1.5 weeks to thaw by the sun. A total of 1.5 inches of contaminated sand was scraped together and placed in a labelled, lidded drum. The clean up process was continued into the summer as more of the contaminated sand thawed and were shoveled into 10 drums, half filled with contaminated sand. The excavation was left open to aerate and cordoned off with flagging tape. No waterbodies were impacted.

Revisions to the Spill Contingency Plan

SCP submitted and approved - no revision required or proposed ▼

Additional Details:

To prepare for winter shutdown, fuel supply hoses to the emergency tent stoves will be disconnected, the valves closed, and the hoses drained.

Revisions to the Abandonment and Restoration Plan

AR plan submitted and approved - no revision required or proposed ▼

Additional Details:

Progressive Reclamation Work Undertaken

Additional Details (i.e., work completed and future works proposed)

All diamond drill sites were cleaned up after the drills were moved to the next drill site. Photos were taken of all the sites showing a 2x4 marker with borehole detail indicated on a metal tag. Photos are attached to the annual report.

Results of the Monitoring Program including:

The GPS Co-ordinates (in degrees, minutes and seconds of latitude and longitude) of each location where sources of water are utilized:

Details described below ▼

Additional Details:

Nutaaq camp: Lat: 62 34 15.06 Long: 98 27 20.51
 L50 Main Zone Pump 1 Lat: 62 35 11.2 Long: 98 36 38.2
 L50 Main Zone Pump 2 Lat: 62 35 33.47 Long: 98 38 1.8

The GPS Co-ordinates (in degrees, minutes and seconds of latitude and longitude) of each location where wastes associated with the licence are deposited:

Details described below ▼

Additional Details:

Drill effluents are pumped through a series of 3 - 150 gallon in-line settling tanks that capture precipitated cuttings. The settling tanks are drained into one-tonne fibre bulk bags that dewater through the bag weave. The bulk bags are then stored at the central sump. Any drill cuttings that exceed the 0.05% uranium are stored at the Lac 50 drill area.

Nutaaq Camp - Kitchen greywater sump	62	34	15	98	27	19.6
Nutaaq Camp - Dry greywater sump	62	34	15	98	27	19.11
Megabag sump	62	34	22	98	30	26.21
Lac 50 Drill Area	62	35	24	98	37	5.16
Lac 50 Main Zone Pad 1	62	35	21	98	36	52.66
Lac 50 Main Zone Pad 2	62	35	18	98	37	1.51
Lac 50 Main Zone Pad 3	62	35	21	98	37	14.07
Lac 50 Main Zone Pad 4	62	35	24	98	37	25.67
Lac 50 Main Zone Pad 5	62	35	20	98	37	26.84
Lac 50 Main Zone Pad 6	62	35	27	98	37	39.09
Lac 50 Main Zone Pad 7	62	35	24	98	37	43.12
Lac 50 Main Zone Pad 8	62	35	27	98	37	39.09
Lac 50 Main Zone Pad 9	62	35	25	98	37	47.93
Lac 50 Main Zone Pad 10	62	35	25	98	37	47.93
Lac 50 Main Zone Pad 12	62	35	33	98	38	8.04
Lac 50 Main Zone Pad 13	62	35	34	98	38	26.17
Lac 50 Main Zone Pad 14	62	35	34	98	38	26.17
Lac 50 Main Zone Pad 15	62	35	41	98	38	30.58
Lac 50 Main Zone Pad 16	62	35	38	98	38	44.2
Lac 50 Main Zone Pad 17	62	35	39	98	38	56.62
Lac 50 Main Zone Pad 26	62	35	24	98	37	51.33
Lac 50 Main Zone Pad 27	62	35	36	98	38	44.04

Results of any additional sampling and/or analysis that was requested by an Inspector

No additional sampling requested by an Inspector or the Board ▼

Additional Details: (date of request, analysis of results, data attached, etc)

Any other details on water use or waste disposal requested by the Board by November 1 of the year being reported.

No additional sampling requested by an Inspector or the Board ▼

Additional Details: (Attached or provided below)

Any responses or follow-up actions on inspection/compliance reports

No inspection and/or compliance report issued by INAC ▼

Additional Details: (Dates of Report, Follow-up by the Licensee)

No inspections were conducted in 2023.

Any additional comments or information for the Board to consider

Date Submitted:

Submitted/Prepared by:

Contact Information:

2024-03-28
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