

Titan Uranium Inc.
NWB Annual Report 2012

Date Prepared: March 20, 2012
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Table of Contents

1.0	NWB Reporting Form	3
2.0	Project Summary	6
2.1	2011 Work Program	7
2.2	2012 Work Program	7
3.0	Inspections	7
4.0	Water and Waste Management	11
4.1	Water Consumption	11
4.2	Waste Disposal	11
5.0	Camp Sump Locations	11

List of Photos

Photo 1	Aerial view of camp, July 7, 2011.	.	.	.	.	.	8
Photo 2	Camp view, July 7, 2011	.	.	.	.	.	9
Photo 3	Reinforced Berms, August 2, 2011	.	.	.	.	.	9
Photo 4	Tarped Salt Bags, August 2, 2011	.	.	.	.	.	10
Photo 5	Rain Drain, August 2, 2011	10

Figures

Figure 1 – Water Sump Locations	(1:500,000 scale)	12
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Appendices

Appendix 1 – Abandonment and Restoration Plan	A1
Appendix 2 – Spill Contingency Plan.	A2

1.0 NWB Reporting Form

NWB Annual Report

Year being
reported: 2011

Select ▼

License
No:

2BE-THE0813

Issued
Date:
Expiry
Date:

July 16, 2008

August 28, 2013

Project Name:

Thelon Project

Licensee:

Titan Uranium Inc.

Mailing Address:

130 King St. West, Suite 2500
Toronto, ON
M5X 1A9

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

Mega Uranium Ltd. - was JV partner and is now current operator of project

General Background Information on the Project (*optional):

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):

N/A

Water Quantity:

1095

0

5475

0

Quantity Allowable Domestic (cu.m)

Actual Quantity Used Domestic (cu.m)

Quantity Allowable Drilling (cu.m)

Total Quantity Used Drilling (cu.m)

Waste Management and/or Disposal

☐ Solid Waste Disposal

☐ Sewage

☐ Drill Waste

☐ Greywater

☐ Hazardous

☐ Other:

Additional Details:

Camp was closed through 2011

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

Spill No.: (as reported to the Spill Hot-line)

Date of Spill:

Date of Notification to an Inspector:

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

Revisions to the Spill Contingency Plan

Other: (see additional details)

Additional Details:

Update Mega Uranium as the operator and their contact info.

Revisions to the Abandonment and Restoration Plan

Other: (see additional details)

Update Mega Uranium as the operator and their contact info

Progressive Reclamation Work Undertaken

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

Site monitoring and maintenance check was performed in 2011.

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;

Not Applicable (N/A) ▼

Additional Details:

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

Select ▼

Additional Details:

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

Inspection Report received by the Licensee (Date):



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

Report dated September 29, 2011; inspected July 23, 2011 by Kevin Robertson

Any additional comments or information for the Board to consider

Date Submitted:

March 23, 2012

Submitted/Prepared by:

Kimberly Bradley

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2.0 Project Summary

Mega Uranium's (Mega) Thelon Property is located approximately 150 kilometres northwest of the hamlet of Baker Lake in N.T.S. Sheets 66B, 66G, and 66H. The property currently consists of five mineral leases, and sixty-nine mineral claims that were subject to a joint venture agreement between Titan Uranium Inc. (Titan) and Mega Uranium Ltd. Since the work detailed in this report was completed Mega Uranium Ltd. now has 100% ownership of the Thelon Property. Transfer of claim and lease agreements to Mega is pending. The property is comprised of two non-contiguous blocks. The northeastern block has an area of 33,218.5 ha and the southwestern block has an area of 32,380.4 ha. The project boundaries are defined by the following points: Point A - 97°34'W, 65°33'N; Point B - 100°29'W, 64°57'N; Point C - 99°43'W, 64°36'N; Point D - 97°55'W, 65°02'N; and Point E - 97°13'W, 65°18'N (Figure 1).

2.1 2011 Work Program

On July 7, 2011 Titan personal, along with two Baker Lake locals contracted by Boris Kotelewetz, traveled to the Itza Lake camp site to carry out an inspection and maintenance of the camp. On August 2, 2011 Scott Ryan of Titan and Michael Downes of Mega Uranium Ltd. Traveled to the Itza Lake camp for follow up.

2.2 2012 Work Program

For 2012, Mega Uranium Ltd. plans an airborne geophysical survey, comprising radiometrics, EM, resistivity and magnetics over the southern property block. The fixed-wing survey is planned for June of 2012 and will be based out of Baker Lake. In addition, Mega plans a 2-person, 10-14 day geological reconnaissance program based out of Baker Lake in July of 2012. Ongoing care and maintenance of the Itza Lake camp is planned.

3.0 Inspections

On July 23, 2011, Kevin L Robertson conducted an inspection of Titan's Itza Lake camp location. The camp is authorized under Land Use Permit N20005C0040. During his visit, Mr. Robertson inspected the fuel storage and observed an odour of fuel in and around the berms. Mr. Robertson inspected the camp area and observed that the camp appeared to be in good shape.

Upon arrival on sight the following observations were made:

- No evidence of combustible and non-combustible material.
- No evidence of water usage.
- Campsite appears to be a storage area for staging with 7 tent platforms that are in good shape.
- Fuel odor was noted in and around the berms.
- Too many barrels and not enough berms.

Reclamation/maintenance of the site was performed on July 7th, 2011 by Scott Ryan (Project Geologist and two Baker Lake residents (contracted by Boris Kotelewetz of Oopik Aviation); and on August 2nd, 2011 by Scott Ryan and Michael Downes (Mega Uranium Ltd.). The barrels of fuel not in berms do not belong to Titan/Mega Uranium. They belong to the GSC (Charlie Jefferson, 613-282-8783).

Actions performed upon the site visits are as follows:

- Rain drains and filters were inspected and seen to be functioning properly.
- Small berm was emptied of all water using a bucket. All water was placed in the berms that had drains.
- Fuel drums were inspected for leaks, and no leaks were noted. Minor fuel content is present, however this has probably been washed off of the drums from fueling and shouldn't be regarded as in excess of an acceptable limit.

- Camp was inspected for any debris and garbage
- Structures were inspected and are all in reasonable shape.

Please see attached photos.



Photo 1: Aerial view of camp, July 7, 2011.



Photo 2: Camp View, July 7, 2011.



Photo 3: Reinforced Berms, August 2, 2011.



Photo 4: Tarped Salt Bags, August 2, 2011.



Photo 5: Rain Drain, August 2, 2011.

Further maintenance will be performed by Mega Uranium Staff and/or contractors with a site visit in the late spring/early summer of 2012. This visit will include a thorough inspection of the berms, and all drums within them. Berm walls will be reinforced if necessary, water levels will be inspected, rain drains and absorbent materials will be replaced and utilized if found to be necessary, and all suspected leaking drums will be repaired or removed from site.

4.0 Water and Waste Management

4.1 Water Consumption

No water was consumed in 2011 and all means of water conveyance have been removed from the camp site.

4.2 Waste Disposal

No waste was generated in 2011 and all non-combustible and incinerated waste previously contained at the site was removed in July 2009 to Bake Lake, NU via fixed wing aircraft. No hazardous wastes have been handled to date. The Nunavut impact Review Board has requested that Titan Uranium should upgrade the single chamber incinerator that has been utilized in previous years. Mega Uranium will enforce that a dual chamber, forced air incinerator be used for future exploration programs in an effort to meet the Canada-wide standards for dioxins and furans and the Canada-wide standard for mercury.

A sump for the camp greywater was constructed. A pit, approximately 4' x 4' x 4', was dug in a gravel esker approximately 100 metres from the lake shore and lined with a wooden box. Holes were drilled in the plywood box to allow seepage into the surrounding sand and gravel and a lid was secured to the top as a safety precaution. The sump collected greywater from the kitchen and shower facilities. All grey water was drained from the sumps upon inspection in 2009.

5.0 Camp Sump Locations

Sump Locations				
Zone 14W	Easting	Northing	Latitude	Longitude
Camp greywater	529462	7213041	65° 02' 23.4" N	98° 22' 27.4" W

