

**NWB Annual Report****Year being reported: 2011****License No:** 2BE-FER0712**Issued Date:** October 2, 2007**Expiry Date:** July 1, 2012**Project Name:** Ferguson Lake Property**Licensee:** Starfield Resources Inc.**Mailing Address:** 130 Adelaide Street West, Suite 2210  
Toronto Ontario  
M5H 3P5**Name of Company filing Annual Report (if different from Name of Licensee please clarify)**

Same as above.

**General Background Information on the Project (\*optional):**

Starfield Resources Inc. is an advanced exploration and emerging early stage, development company focused on its 100% owned Ferguson Lake Nickel-Copper-Cobalt-Platinum-Palladium-Rhodium property in the Kivalliq Region of Nunavut Territory, Canada. Starfield is a public company trading on the Toronto Stock Exchange under the symbol SRU.

Between the years 1949 and 1957 the area was explored by INCO (International Nickel Company). Since acquiring the property in 1999, Starfield has continued the exploration activities that were started by INCO. A number of different exploration methods have been used to study the mineralization in the area. These exploration methods have included aerial surveys, geological and geophysical studies, surface studies and drilling programs.

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

**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): Ferguson Lake

Water Quantity:

10

Quantity Allowable Domestic (cu.m)

see attached

Actual Quantity Used Domestic (cu.m)

90

Quantity Allowable Drilling (cu.m)

see attached

Total Quantity Used Drilling (cu.m)

Waste Management and/or Disposal

Additional Details:

Pacto toilets are used at the Ferguson Lake New Camp. The waste is then incinerated. In future, all combustible waste will be incinerated. Non-combustible waste is reused or repurposed. Starfield participates in the recycling program in Rankin Inlet.

#### 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)

There were no spills reported in 2011.

#### Revisions to the Spill Contingency Plan

Additional Details:

There were no revisions to the Spill Contingency Plan in 2011.

#### Revisions to the Abandonment and Restoration Plan

Additional Details:

There were no revisions to the Abandonment and Restoration Plan in 2011.

#### Progressive Reclamation Work Undertaken

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

No reclamation work was conducted 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;**

Additional Details:

See the spreadsheet attached with this submission.

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

Additional Details:

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

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

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

Additional Details: (Attached or provided below)

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

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

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**Any additional comments or information for the Board to consider**

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**Date Submitted:**

September 7, 2012

**Submitted/Prepared by:**

Allison Rippin Armstrong

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There was a small drilling program 2011 which included 3 holes: FL11-430, FL11-431, FL11-432. Water consumption for 2011 was 193 m<sup>3</sup>. Camp opened on June 19<sup>th</sup> and closed on September 15<sup>th</sup>.

Rescan undertook ARD tests on samples obtained during bulk sampling and compiled the results in a report. No major construction occurred in 2011, although considerable facility maintenance was undertaken on the camp complex. Wildlife sightings were recorded at camp.

During the 2011 program, the fuel bladders were removed from use and two of the three bulk fuel storage tanks on site were sold and removed from site. All of the fuel now utilized is in drums stored within the lined fuel storage sump/depot.

Hole	Date		GPS (Collar Location)		Water Draw		Sump		Water consumption	Fuel Usage
ID	Started	Completed	Easting	Northing	Easting	Northing	Easting	Northing	Gallons	Gallons
FL11-430	7/14/2011	7/31/2011	604865	6972920	604965	6972910	604915	6972920	155520	720
FL11-431	7/22/2011	7/29/2011	599573	6970567	599723	6970557	599623	6970567	69120	360
FL11-432	8/2/2011	9/5/2011	601650	6972775	601500	6972765	601700	6972775	311040	1485