

**NWB Annual Report****Year being reported: 2010**

**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 is 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 2010.

#### Revisions to the Spill Contingency Plan

Additional Details:

There were no revisions to the Spill Contingency Plan in 2010.

#### Revisions to the Abandonment and Restoration Plan

Additional Details:

There were no revisions to the Abandonment and Restoration Plan in 2010.

#### Progressive Reclamation Work Undertaken

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

No reclamation work was conducted in 2010.

#### 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

**Contact Information:**

**Tel:** 780-995-2499

**Fax:** 416-860-0400

**email:** [ar\\_enviro@yahoo.ca](mailto:ar_enviro@yahoo.ca)

## **2010 Additional Information**

In 2010 Starfield, drilling operations were initiated on September 2nd and completed on September 25th. During the program six holes totaling 1,126 m (3,694') were attempted and five were completed. Four of these holes are located in the Y Lake area, while two holes (FL10-428 and FL10-429) are located on the southwestern projection of the 119 zone extension.

No environmental baseline studies were undertaken in 2010.

In 2010, wildlife sightings were recorded at camp.

Hole	Date		GPS (Collar Location)		Water Draw		Sump		Water consumption	Fuel Usage
ID	Started	Completed	Easting	Northing	Easting	Northing	Easting	Northing	Gallons	Gallons
FL10-424	9/2/2010	9/7/2010	613455	6952707	613319	6952680	613494	6952725	51840	630
FL10-425	9/8/2010	9/9/2010	611959	6952804	612004	6952767	611961	6952829	17280	180
FL10-426	9/9/2010	9/13/2010	611959	6952801	612004	6952767	611961	6952829	25920	225
FL10-427	9/14/2010	9/16/2010	601744	6950459	601550	6950496	601732	6950440	25920	360
FL10-428	9/19/2010	9/21/2010	600137	6970775	601550	6950496	601732	6950440	25920	135
FL10-429	9/22/2010	9/25/2010	600137	6970775	601550	6950496	601732	6950440	34560	180