



## **Committee Bay Project**

AANDC Commercial Lease: 056J/11-1-2, 056J/12-1-2  
AANDC Land Use Permit: N2014C0002, N2014C0005  
Kitikmeot Inuit Association: Land Use Permit KTL314C003  
NIRB Project Reference Number: 07EN021  
NWB Licence: 2BE-CRA1015

## ***Annual Report***

# **2014**

North Country Gold Corp.  
December 2014

## 1.0 **TABLE OF CONTENTS**

1.0	TABLE OF CONTENTS.....	1
2.0	DISTRIBUTION .....	3
3.0	BACKGROUND.....	4
4.0	PROJECT DESCRIPTION.....	5
4.1	Camps .....	5
4.1.1	Hayes Camp .....	5
4.1.2	Bullion Camp.....	7
4.1.3	Ingot Camp.....	7
4.1.4	Crater Camp.....	7
4.2	Caches .....	7
4.2.1	Three Bluffs drill area and cache .....	7
4.2.2	West Plains Cache .....	7
4.3	Three Bluffs gold deposit .....	7
5.0	2014 WORK ACTIVITIES .....	8
5.1	Mineral Exploration Activities .....	8
5.2	Other Work Activities .....	8
5.3	Camp Usage.....	10
5.4	Local Hiring.....	10
5.5	Consultation.....	10
5.6	Expenditure .....	11
6.0	LAND USE INSPECTIONS.....	11
6.1	Inspection Follow up .....	11
6.2	Outstanding items.....	11
6.2.1	Action Item 4 (Geotechnical Inspection) .....	11
6.2.2	Action Item 1 and 9 (Waste Backhaul).....	12
7.0	WATER .....	12
7.1	Water Use.....	12
7.2	Water Sampling .....	12
8.0	WILDLIFE .....	13
9.0	SPILLS .....	13

## **List of Appendices**

Appendix 1:	NCGC Remedial Action Report – Detailing work completed to address 2013 Land Use Inspection and 2014 Water Licence Inspection Report
Appendix 1.1:	2014 Water Licence Inspection Report
Appendix 1.2:	2013 Land Use Inspection Report
Appendix 1.3:	NT/NU Spill Report
Appendix 2:	2014 Water Use Records
Appendix 3:	2014 Water Monitoring Station Analytical Results
Appendix 4:	Wildlife logs
Appendix 5:	Hayes Camp Airstrip Geotechnical Inspection Report

## 2.0 **DISTRIBUTION**

<b>Organization</b>	<b>Distribution Email</b>
Aboriginal Affairs and Northern Development Canada (AANDC)	landsmining@aandc.gc.ca
Environment Canada (EC)	enviroinfo@ec.gc.ca
Government of Nunavut – Department of Environment (GN-DOE)	environment@gov.nu.ca
Kitikmeot Inuit Association (KIA)	landsofficerkia@qiniq.com
Nunavut Impact Review Board (NIRB)	info@nirb.ca
Nunavut Water Board (NWB)	licensing@nunavutwaterboard.org

### 3.0 **BACKGROUND**

North Country Gold Corp. ('NCGC') is a publically listed, Canadian based exploration company focussed on the discovery and development of precious metals within the Committee Bay area in the eastern portion of the Kitikmeot Region of Nunavut Territory, Canada.

The Committee Bay Project ('CBP') comprises mineral claims and leases located on both Crown Land and Inuit Owned (surface rights) land pursuant to the Nunavut Land Claims Agreement (NLCA).

NCGC principals have a longstanding history of mineral exploration in Canada's north and have explored the Committee Bay Property ('CBP') systematically since 1992 through private entities and public companies including Committee Bay Resources, CBR Gold Corp. and most recently NCGC. During this time the company has spent more than more than \$100 million on mineral exploration and has successfully identified gold mineralization at a number of sites. NCGC is presently focussing exploration work on its Three Bluffs gold deposit.

The downturn in global markets since 2012 has had far reaching consequences to both major and junior gold companies resulting in a significant decline in exploration activities across the globe. Reduction in available funding has resulted in NCGC postponing field based exploration activities at the CBP for the 2013 and 2014 seasons.

NCGC however remains committed to expanding and developing its flagship Three Bluffs high grade gold deposit, advancing regional gold targets and continuing exploration within the CBP and Nunavut. The company is presently looking at innovative mechanisms and partnerships to enable ongoing work to occur despite the down turn in global markets.

NCGC has the following permits and licences in place to support advanced exploration activities at the CBP.

Organization	Description	Permit/Licence #
Nunavut Impact Review Board	Project Reference Number	07EN021
Aboriginal Affairs and Northern Development Canada (AANDC)	Land Use Permit (Bullion camp)	N2014C0002
	Land Use Permit (Hayes camp)	N2014C0005
Kitikmeot Inuit Association	Land Use Licence for IOL (Ingot /Crater camps)	KTL314C003
Nunavut Water Board (NWB)	Water Licence	2BE-CRA1015
Aboriginal Affairs and Northern Development Canada (AANDC)	Commercial Leases	Lease 065J/11-1-2
		Lease 065J/12-1-2

## 4.0 **PROJECT DESCRIPTION**

The CBP currently comprises a land package<sup>1</sup> of 41 mineral claims, 44 active mineral leases, and 4 pending mineral leases occurring within a corridor originating at Committee Bay and extending approximately 300 km to the southwest towards Agnico Eagle's Meadowbank Mine, within the Eastern Kitikmeot region of Nunavut Territory (Figure 1).

The ~85,000 hectare CBP encompasses the Three Bluffs gold deposit, more than five advanced gold targets and a number of significant gold anomalies. NCGC operates four permitted camp sites, a number of fuel and equipment caches and a number of drill sites across the CBP. Camp and infrastructure locations are presented in Table 1.

Site	UTM Coordinates (NAD 83)			Latitude	Longitude
<i>Name</i>	<i>Zone</i>	<i>Easting (m)</i>	<i>Northing (m)</i>	<i>D°M'S"</i>	<i>D°M'S"</i>
Hayes Camp	15 N	564,613	7,394,173	66°39'30" N	091°32'11" W
Bullion Camp	15 N	494,850	7,363,850	66°23'39" N	093°06'55" W
Ingot Camp	15 N	516,500	7,386,100	66°35'40" N	092°37'34" W
Crater Camp *	16 N	677,781	7,478,788	67°22'19" N	088°51'24" W
Three Bluffs Drill Area	15 N	569,153	7,392,660	66°38'42" N	091°26'12" W
Waste Plains Cache	15 N	479,650	7,342,810	66°12'19" N	093°27'02" W

**Table 1 – Camps and caches within the Committee Bay Project**

Notes: \* Crater camp buildings, fuel and infrastructure have been removed.

### **4.1 Camps**

#### **4.1.1 Hayes Camp**

Hayes Camp is located approximately central within the Committee Bay project, 335 km northeast of Baker Lake, 400 km north of Rankin Inlet and 220 km south of Kugaaruk. Hayes camp provides accommodation for up to 100 people. The camp is supported by a 3000' graded esker airstrip and a permitted, seasonally prepared 5200' winter ice airstrip which is constructed on the adjacent Sandspit Lake. Mobile equipment and earthmoving equipment, power generators, a dual chambered incinerator, fuel and oils are stored at Hayes camp. Quarrying operations occur at Hayes Camp on a seasonal campaign basis.

---

<sup>1</sup> As of 2<sup>nd</sup> December 2014

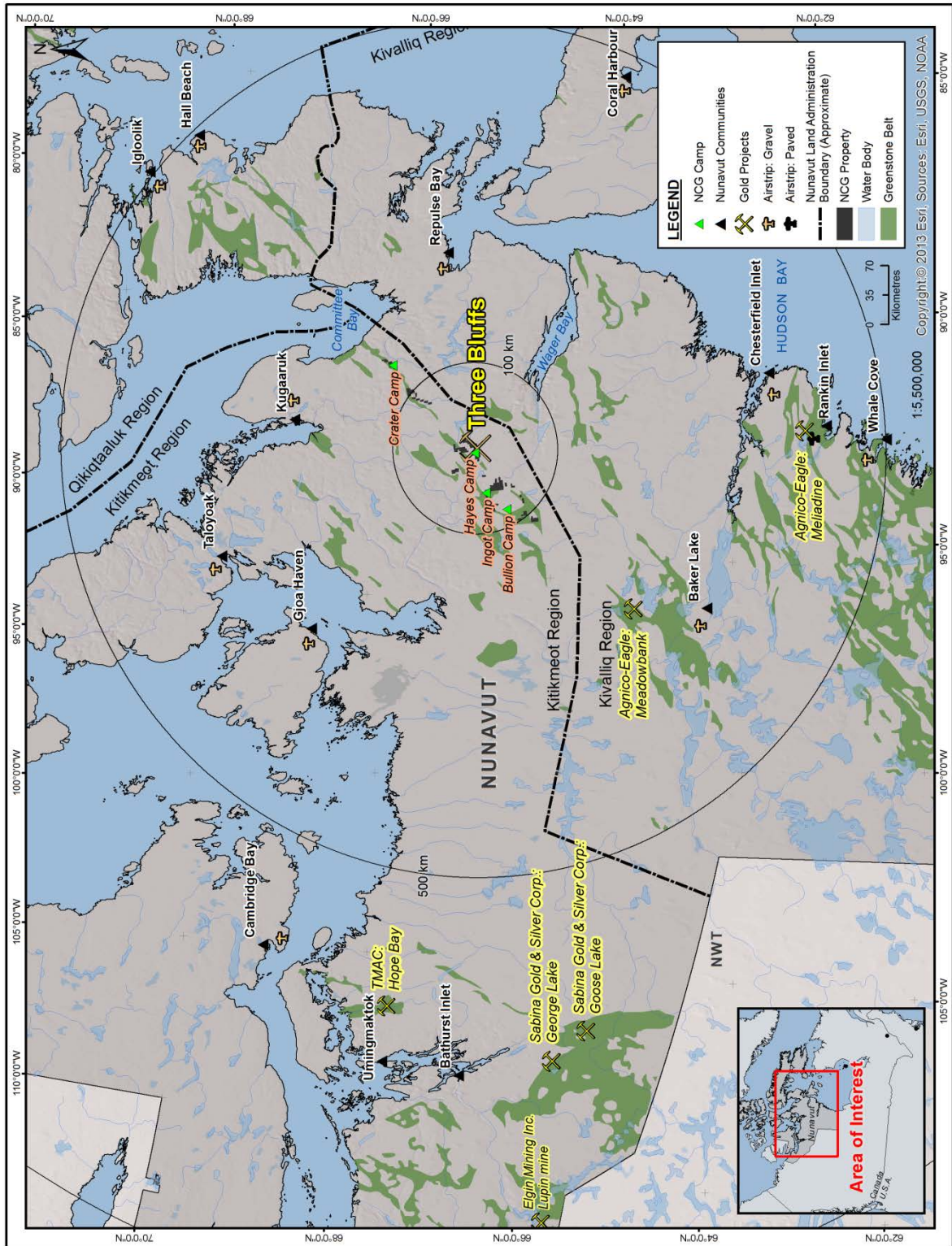


Figure 1 – Committee Bay Project Overview

#### **4.1.2 Bullion Camp**

Bullion Camp is a small, 20 person camp used to support seasonal exploration campaigns in the southern portion of the project. This camp is supported by a short 320 m tundra airstrip, a small generator and a small drummed fuel cache.

#### **4.1.3 Ingot Camp**

Ingot Camp is a small up to 10 person camp used to support seasonal exploration campaigns in the central southern portion of the project. This camp is supported by a 230 m tundra airstrip. A small generator and limited quantities of fuel may be stored at this camp when active.

#### **4.1.4 Crater Camp**

All buildings, fuel and equipment was removed from the Crater Camp site in 2012 as part on ongoing reclamation activities.

### **4.2 Caches**

#### **4.2.1 Three Bluffs drill area and cache**

The Three Bluffs drill area and cache is located approximately 5 km east-southeast of Hayes Camp. This area encompasses the Three Bluffs gold deposit, NCGC's drill water system and associated buildings, generators, boilers, piping and tanks and a number of diesel and jet fuel drum caches. Skid mounted drill shacks and drill support equipment is located in this area.

#### **4.2.2 West Plains Cache**

The West Plains Cache comprises a small cache of drilling equipment (drill rods, core trays, drill setup timbers and a survival tent). Small quantities of drummed diesel and jet fuel and salt may be stored at this cache.

### **4.3 Three Bluffs gold deposit**

The Three Bluffs gold deposit is located approximately central to the CBP, 220 km south of Kugaaruk, 235 km west of Repulse Bay and approximately 300 km north east of Agnico Eagles' Meadowbank Mine.



The Three Bluffs gold deposit mineral resource<sup>2</sup> (conceptual open pit and underground) comprises:

- *An indicated mineral resource of 4.32 Mt at an average grade of 4.91 g/t Au (683,000 oz)*
- *An inferred mineral resource of 5.52 Mt at an average grade of 5.43 g/t Au (965,000 oz)*

Or alternatively if developed as a conceptual underground only method comprises a mineral resource subset<sup>3</sup> of:

- *indicated mineral resource of 1.14 Mt at an average grade of 11.21 g/t Au (411,000 oz)*
- *inferred mineral resource of 1.90 Mt at an average grade of 9.15 g/t Au (558,000 oz)*

Three Bluffs occupies a portion of a much larger scale mineralized structure referred to as the Walker Lake Trend. NCGC has presently defined high-grade gold mineralization along a 4 km portion of this structure and to depths in excess of 500 m vertically. All work to date suggests that high grade mineralization may continue both along the structure and to depth.

NCGC strongly believes that continued exploration has excellent potential to increase its mineral resource at Three Bluffs. Ongoing work at Three Bluffs is expected to comprise significant exploration work including diamond core drilling.

## 5.0 **2014 WORK ACTIVITIES**

### ***5.1 Mineral Exploration Activities***

NCGC did not complete any field based exploration activities during the 2014 calendar year.

### ***5.2 Other Work Activities***

NCGC completed a stand-alone field program between 16<sup>th</sup> August and 12<sup>th</sup> September 2014 to undertake camp and infrastructure maintenance at Hayes Camp, the Three Bluffs drilling area and Bullion camp.

---

<sup>2</sup> Please see North Country Gold Corp. press release dated 23<sup>rd</sup> April 2013. Resource estimation was completed in accordance with Canadian Institute of Mining, Metallurgy and Petroleum (CIM) Estimation of Mineral Resource and Mineral Reserve Best Practice Guidelines and is reported in accordance with National Instrument 43-101. Mineral resource reported at 1.35 g/t block cut-off grade for material considered amenable to open pit mining and above 2.5 g/t block cut-off grade for material amenable to underground mining.

<sup>3</sup> Please see North Country Gold Corp. press release dated 10<sup>th</sup> July 2014 for details on Mineral Resource Subset. This subset utilized a block cut-off grade above 5g/t.

During this program, issues of concern that were raised during Aboriginal Affairs and Northern Development ('AANDC') land use and water licence inspections in 2013 and 2014 were addressed. A detailed report on 'Remedial actions' completed during the 2014 field program is attached as Appendix 1.

A summary of work completed during 2014 is presented below.

#### Hayes Camp

- Inspection of camp, infrastructure and equipment was completed
- Hazardous waste products were sorted, consolidated and stored within secondary containment within covered Quonset structure ready for back haul.
- Fuel containment was inspected, repaired, covered and secured.
- Erosion control measures were improved.
- Geotechnical inspection of Hayes Camp airstrip was completed.
- Damaged buildings were repaired.
- General camp cleanup was completed
- Water samples were collected from sampling sites CRA1, CRA2 and CRA 3.

#### Three Bluffs Drill Grid

- Inspection of infrastructure and equipment was completed
- Fuel containment was inspected, repaired, covered and secured.
- A hydrocarbon spill that occurred in 2012 was inspected, and absorbent matting was removed.
- A damaged building was repaired.

#### Bullion Camp

- Inspection of camp and infrastructure was completed
- Fuel containment berm was inspected
- Damaged buildings were addressed. Tent canvasses and roofs were repaired. Badly damaged tents were dismantled.

#### Ingot Camp

- Inspection of camp and infrastructure was completed

### **5.3 Camp Usage**

Hayes Camp was used exclusively to support the 2014 field program. Workers completed maintenance activities at Hayes Camp and traversed by foot to the Three Bluffs drilling area to complete maintenance as necessary.

Ingot and Bullion Camps were accessed using a turbo Otter aircraft. Inspections and maintenance of Ingot and Bullion Camps was completed as a day trip.

Camp usage is summarized in Table 2:

<b>Camp</b>	<b>Season</b>	<b>Date In</b>	<b>Date Out</b>	<b>Person Days</b>	<b>Activity</b>
Hayes Camp	Spring	N/A	N/A	0	No Spring work activities at Hayes Camp
	Summer	16 Aug 2014	12 Sep 2014	110	Camp and infrastructure maintenance
Bullion Camp	Spring	N/A	N/A	0	No work activities at Bullion Camp during 2014 calendar year
	Summer	N/A	N/A	0	
Crater Camp	Spring	N/A	N/A	0	No work activities at Ingot Camp during 2014 calendar year
	Summer	N/A	N/A	0	
Ingot Camp	Spring	N/A	N/A	0	No work activities at Crater Camp. Camp was dismantled in 2011.
	Summer	N/A	N/A	0	

**Table 2 – Camps usage at the Committee Bay Project during 2014**

### **5.4 Local Hiring**

The small scale nature, short duration and limited use of charter aircraft during the 2014 field program did not make it practical for NCGC to hire local workers in 2014.

NCGC considers its workforce of local personnel hired from nearby communities to be to be an integral part of its exploration operations. Local workers have been employed for a number of positions during exploration activities during previous work programs. This has included positions such as camp support managers and assistants, equipment operators, drill helpers, geological technicians, surveyors, core cutters and splitters, incinerator operators, carpenters, mechanics and kitchen helpers. NCGC provides both practical 'on the job' training and certificate based training for local workers.

The company looks forward to recommencing exploration activities at the project and continuing to hire and to train a local workforce.

### **5.5 Consultation**

NCGC did not complete any community consultations or site visits with community members during 2014.

## **5.6 Expenditure**

Expenditures for the 2014 program totalled approximately \$125,000. Approximately \$50,000 (40%) went to northern businesses. Northern businesses involved in the 2014 program included:

- Ookpik Aviation
- First Air
- M & T Enterprises
- Baker Lake Lodge
- Northern Store (Rankin Inlet)
- Toromont Arctic (Rankin Inlet)
- Siniktarvik Hotel (Rankin Inlet)
- Fuel Flo Logistics

NCGC hopes to recommence exploration activities at the CBP in 2015.

## **6.0 LAND USE INSPECTIONS**

An AANDC Water Licence Inspection was completed at the CBP on the 20<sup>th</sup> July 2014. During this inspection a number of issues were noted at Hayes Camp, the Three Bluffs drilling area and Bullion camp (Appendix 1a).

### **6.1 Inspection Follow up**

NCGC initiated planning for a stand-alone field program to complete remedial actions in August 2014. Remedial work was undertaken between August 16 and September 12, 2014. A report titled *“Remedial Action Report – Detailing work completed to address 2013 Land Use inspection and 2014 Water Licence Inspection Report”* was prepared and distributed to AANDC and the NWB on 30 September 2014 (See Appendix 1).

### **6.2 Outstanding items**

NCGC presently has two items outstanding from the 2014 inspection report:

1. (Action item 4): “A geotechnical inspection by a qualified engineer is to be carried out of the [Hayes Camp] airstrip. The geotechnical inspection report is to be submitted to the Board with the 2014 Annual Report, along with a covering letter from the Licensee outlining an implementation plan with timelines to respond to the Engineer’s recommendations”.
2. (Action item 1): “All Hazardous waste are to be backhauled by October 31, 2014” and (Action item 9) “Record of waste backhaul is to be submitted to the inspector by November 15, 2014”

#### **6.2.1 Action Item 4 (Geotechnical Inspection)**

NCGC engaged SRK Consulting Canada Inc. (‘SRK’) to complete a geotechnical inspection of the Hayes Camp airstrip in early August, 2014. Mr. Lowell Wade, MSc,

P.Eng., Senior Consultant with SRK conducted a geotechnical inspection of the Hayes Camp area between September 9 and 10, 2014. A report of this inspection was provided to NCG in November 2014. NCGC's cover letter and implementation plan and a copy of the geotechnical report are attached as to this Annual Report (Appendix 4).

#### **6.2.2 Action Item 1 and 9 (Waste Backhaul)**

NCGC requested that the inspector extend the mandated deadlines for waste backhaul to enable the company to build an ice airstrip and heavy-lift aircraft. The deadline for waste backhaul was amended to 15 March 2015.

NCGC will provide additional information regarding planning for waste backhaul in coming months.

## **7.0 WATER**

### ***7.1 Water Use***

A total of 8.6 cubic metres of water was used between August 16 and September 12 from Sandspit Lake for domestic purposes (kitchens and showers). A detailed water consumption log is attached as Appendix 2.

### ***7.2 Water Sampling***

Water samples were taken from Water Monitoring Stations CRA1, CRA2 and CRA3 during the 2014 program. Analytical Results are presented in Appendix 3.



**Figure 2 – Water Monitoring Station Locations**

## 8.0 **WILDLIFE**

NCGC observed a small number of wildlife in the Hayes Camp and Three Bluffs area during the 2014 field program. Wildlife logs are attached as Appendix 4.

This included:

- Between 3-10 male adult caribou along and within the periphery of Hayes Camp.
- A total of 2-3 lone cow / bull caribou observed in the distance at the Three Bluffs area.
- A single ptarmigan observed sitting on a rock between Hayes camp and Three Bluffs
- A lone Muskox observed in the distance from a Helicopter walking along the margins on the Hayes River a number of km east of the Drill water system pumping station.

## 9.0 **SPILLS**

A spill of diesel was identified during the 2014 water licence inspection. The spill resulted from the cover of a fuel containment berm being blown off and the berm having filled with water and overflowed onto the surrounding vegetation. A spill report was sent to the NT/NU spill report line (Report # 14-289, See Appendix 1c).

Details of spill cleanup are presented in the *“Remedial Action Report – Detailing work completed to address 2013 Land Use inspection and 2014 Water Licence Inspection Report”*

Contaminated water within the berm was drained and treated through Rain Drain filters immediately to reduce the risk of further contamination of the tundra vegetation. Absorbent matting and spill pads were used to absorb hydrocarbons from the surface where possible. Contaminated tundra was then excavated and placed in a sealed, labelled drum which was subsequently backhauled to Hayes Camp and placed within containment in Quonset #2. Holes were then backfilled using local material.

## ***APPENDIX 1***

NCGC Remedial Action Report – Detailing work completed to address 2013 Land Use Inspection and 2014 Water Licence Inspection Report

### Included Appendices

1. 2014 Water Licence Inspection Report
2. 2013 Land Use Inspection Report
3. NT/NU Spill Report



## **REMEDIAL ACTION REPORT**

Detailing work completed to address  
*2013 Land Use Inspection Report and 2014 Water Licence Inspection Report*

### **COMMITTEE BAY PROJECT Kitikmeot Region, Nunavut Territory, Canada**

NWB LICENCE NUMBER: NWB-2BE-CRA1015  
AANDC LAND USE PERMITS: N2014C0002 and N2014C0005  
KITIKMEOT INUIT ASSOCIATION PERMIT: KTL314C003  
AANDC COMMERCIAL LEASES: 056J/11-1-2 and 056J/12-1-2

30 September 2014

**Distribution:**

- ☐ Aboriginal Affairs and Northern Development Canada (AANDC)
- ☐ Nunavut Water Board (NWB)
- ☐ North Country Gold Corp.

File: NCG\_CBay\_RemedialActionReport–AANDC\_Inspection\_30September2014.docx



## **BACKGROUND**

North Country Gold Corp. ('NCGC') is a TSX-V listed company focussed on mineral exploration and development within the Committee Bay Greenstone belt located in the Eastern Kitikmeot region of Nunavut Territory. The company presently holds title to more than 230,000 acres as mineral claims and leases over a length of 300km, encompassing both Inuit owned and Federal owned property. This property, referred to by NCGC as the Committee Bay Project (CBP) includes 3 fully serviceable camps, 1 decommissioned camp, drill infrastructure at the company's flagship Three Bluffs Gold Deposit and a number of satellite fuel and equipment caches.

NCGC holds the following permits and licences to enable advanced exploration activity at the CBP.

<b>Organization</b>	<b>Description</b>	<b>Permit/Licence Number(s)</b>
Nunavut Impact Review Board	Project Reference Number	07EN021
Aboriginal Affairs and Northern Development Canada (AANDC)	Land Use Permit (Bullion)	N2014C0002
	Land Use Permit (Hayes)	N2014C0005
Kitikmeot Inuit Association	Land Use Licence	KTL314C003
Nunavut Water Board (NWB)	Water Licence	NWB-2BE-CRA1015
AANDC	Commercial Leases	Lease 065J/11-1-2
		Lease 065J/12-1-2

## **SUMMARY**

This report summarizes work activities completed by NCGC at Hayes Camp, the Three Bluffs drilling grid and Bullion camp to address issues highlighted by Aboriginal Affairs and Northern Development Canada (AANDC) during routine annual inspections of the company's Land Use Permit and Water Licence. Remedial work activities occurred over a period of approximately 28 days between 16<sup>th</sup> August and 12<sup>th</sup> September 2014.

This report has been prepared at the request of AANDC Water Resources Officer Ms. Eva Paul to fulfill 2014 Water Licence Inspection report Action Item #8 (Table 1, Appendix 1).

## **INTRODUCTION**

A routine annual inspection of NCGC's CBP was completed by AANDC Resource Management Officer Baba Pederson during July 2013 and subsequently by AANDC Water Resources Officer Eva Paul in July 2014. Both inspections included a review of NCGC's infrastructure at Hayes camp, the Three Bluffs drilling area and Bullion Camp.

The 2013 and 2014 inspection reports highlighted a number of issues requiring attention (summarized from inspection reports):

### **1. HAYES CAMP**

#### a. Hazardous Waste:

- Incinerator ash, hydrocarbons and contaminated water located in the lay down at Hayes Camp not within secondary containment.
- Hazardous waste not backhauled.

#### b. Fuel containment

- Fuel storage berms at Hayes Camp require maintenance. One berm was found collapsed.
- Berm covers blown off and berms have accumulated water.
- Fuel barrels found outside of containment.

#### c. Erosion Control:

- Erosion control measures not effective. Water found to be bypassing sandbags and allowing sediment to enter lake.

#### d. Hayes Camp airstrip:

- Sandbags positioned at right angles to the airstrip causing pooling of water and subsidence.

#### e. General:

- One building at the airstrip (power generator shack) completely torn apart by strong winds.
- Valve on large red tank not secured.
- Garbage found around incinerator.
- Garbage found in wetlands east of airstrip.

### **2. THREE BLUFFS DRILL AREA, CACHE AND LAY DOWN**

#### a. Fuel containment:

- Two berms at Three Bluffs collapsed

- Berm covers have been damaged and blown off resulting in berms filling with water
- One berm has leaked contaminated water onto Tundra

b. Other:

- Red sea container containing drill greases and oils noted to be discharging oil-contaminated water out the door.
- Remediation of the spill that occurred in 2012 near the boiler at the drill area not complete and had spill pads still spread around the area.
- Fittings attached to the double walled fuel tank at the Boiler are not in secondary containment.
- Tent frame weather damaged and in need of repair

### 3. **BULLION CAMP**

a. General

- More than 6 structures at Bullion camp found badly weathered

## **REMEDIAL ACTIONS REQUESTED**

In addition to documenting the abovementioned deficiencies, the 2014 Water Licence Inspection requested that NCGC complete a number of remedial action items within a prescribed timeframe. In early August 2014, NCGC initiated planning for a stand-alone field program to complete remedial actions requested. A letter was sent to Ms. Eva Paul requesting minor revisions to mandated deadlines on the 7<sup>th</sup> August 2014. An approval of deadlines was received via email on the 10<sup>th</sup> August 2014 (See Appendix 1)

A list of requested remedial actions is presented in Table 1.

***Table 1 – AANDC requested “Action items”, requested variances and timeframes.***

Item #	Action Item	Adjusted action plan	Timeframe
2014: Item 1	All hazardous waste and kitchen waste to be backhauled	Waste to be moved from present location and placed in secondary containment within existing quonset structure.	10 <sup>th</sup> September 2014
		Photos and inventory of waste to be provided in report	30 <sup>th</sup> September 2014
		NCG is to determine a date, prior to the expiry date of the existing licence, by which all hazardous waste will be removed from site and a report with records of backhaul submitted to the Inspector.	1 <sup>st</sup> April 2015
2014: Item 2	A spill report is to be filed with the Spill line with respect to the contaminated water spilling from the berm at Three Bluffs		
2014: Item 3	All water accumulated in fuel berms (including small berms for individual tanks) is to be treated and pumped out of the berms. Berms are to be repaired or replaced in order to provide secondary containment. Berms are to be covered to prevent filling with water or snow.		31 <sup>st</sup> August 2014
2014: Item 4	A geotechnical inspection by a qualified engineer is to be carried out on the airstrip. The geotechnical inspection report is to be submitted to the Board with the 2014 Annual Report, along with a covering letter from the licensee outlining an implementation plan with timelines to respond to the Engineer's recommendation		To be submitted with 2014 Annual Report
2014: Item 5	Erosion control measures throughout the site are to be improved in order to prevent sediment deposition into the lake.		31 <sup>st</sup> August 2014
2014: Item 6	All fuel that is not waste to be backhauled is to be located in covered secondary containment.		31 <sup>st</sup> August 2014
2014: Item 7	Contaminated soil from fuel and oil spills is to be removed, and all holes immediately backfilled (including 2012 spill).		31 <sup>st</sup> August 2014
2014: Item 8	A report showing the completed action items 3, 5, 7 to be submitted to the inspector by the 31 <sup>st</sup> August 2014.		30 <sup>th</sup> September 2014
2014: Item 9	Record of waste backhaul to be submitted to inspector	Waste to be moved from present location and placed in secondary containment within existing quonset structure	10 <sup>th</sup> September 2014
2014: Item 10	Drill sites are to be reclaimed by removing the drill casings and anchors, or cutting and capping them.		Next operating season.

## **REMEDIAL WORK COMPLETED**

This report describes work activities and required remedial actions which occurred at Hayes Camp, the Three Bluffs drilling grid and Bullion camp between 16<sup>th</sup> August and 12<sup>th</sup> September, 2014.

### **1. Hayes Camp**

#### **a) Hazardous Waste**

All hazardous waste previously stored on the laydown between Hayes camp and the Hayes Camp airstrip was inspected, consolidated, repackaged into empty drums where appropriate, sealed, labelled, palletized and strapped and moved to a 25' x 50' x 24" berm set up within Quonset #2. Hazardous waste products and quantities stored in Quonset #2 are presented in table 2.

**Table 2 – NCGC Hazardous Waste**

<b>Waste Product</b>	<b>Pallets</b>	<b>Drums</b>	<b>Comments</b>
Water and hydrocarbons	13	52	4 drums per pallet (contaminated fuel and contaminated water)
Hydrocarbon contaminated soil	8	32	4 drums per pallet
Incinerator Ash	22	88	4 drums per pallet
Waste Oil	2	6	4 drums per pallet, one pallet only has 2 drums
Calcium Chloride	~6	N/A	Stored within old drill mud tanks on pallets
Used Aerosols	1	3	3 drums on one pallet
Used spill matting	1	1	Partial drum
Used 12V batteries (UN2794)	1	N/A	2 crates (approx. 25 batteries per crate)



Figure 1 – Hazardous Waste being moved to berm located in Quonset #2.





Figure 2 – Securing berm walls.



Figure 3 – Hazardous waste in berm

## **b) Fuel Containment**

The following work was completed on the two fuel storage berms located at Hayes Camp on the eastern side of the airstrip.

- Berms were inspected for any contained water, hydrocarbons or damage.
- Any contained water within the berm was drained out through rain drains with newly installed replacement hydrocarbon filters.
- Any damage to the berm was repaired
- Berms support brackets were inspected, repaired or replaced as necessary.
- Fuel drums inside the berms were inspected for leaks.
- Fuel drums within the berms were reorganized and empty drums were added to the berm to reduce gaps and prevent the cover from collecting and ponding water.
- Berm covers and tie down attachments were repaired.
- Berm covers were installed using used drill rods, anchors and UV resistant polyester rope to ensure durability.
- Rain drains were removed and berm drain valves closed or bungs reinstalled.
- Signs were reinstalled where necessary.

Fuel drums located outside of containment (eg: at the incinerator, 2014 Inspection report Figure 21) were removed and placed inside containment. Drums located on the airstrip (2014 Inspection report Figure 20) contained water and had previously been used to weigh down supplies. Water was treated and drums crushed.

Covered fuel storage drums on individual tents were inspected for presence of water and or residual fuel. Water and fuel contained in berms was removed appropriately as necessary.





Figure 4 – New rain drain filters ready for installation

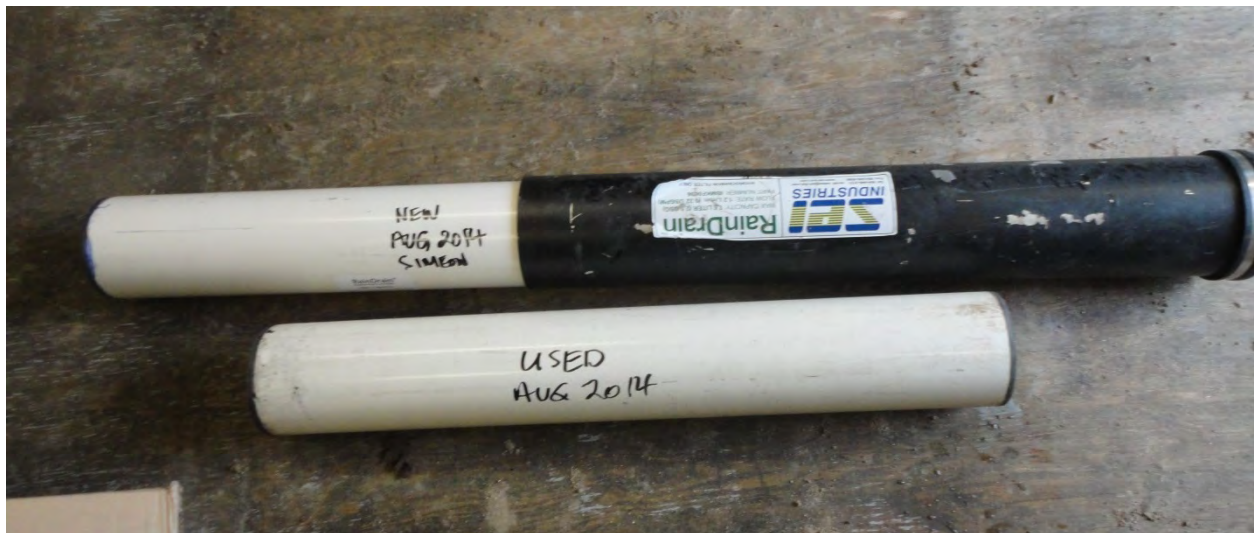


Figure 5 – Rain drain filters replaced.





Figure 6 – Rain Drain filters attached to drain water from berm



Figure 7 – Patching damaged fuel berm





Figure 8 - Waste Oil / Fuel Berm on eastern side of Quonset 1 (Hayes Camp) with cover repaired and reinstalled. This is fuel berm shown in 2014 Inspection report Figure 10. Drill steel and scrap metal Caterpillar track pads have been used to provide additional anchor points to hold cover on in high winds.

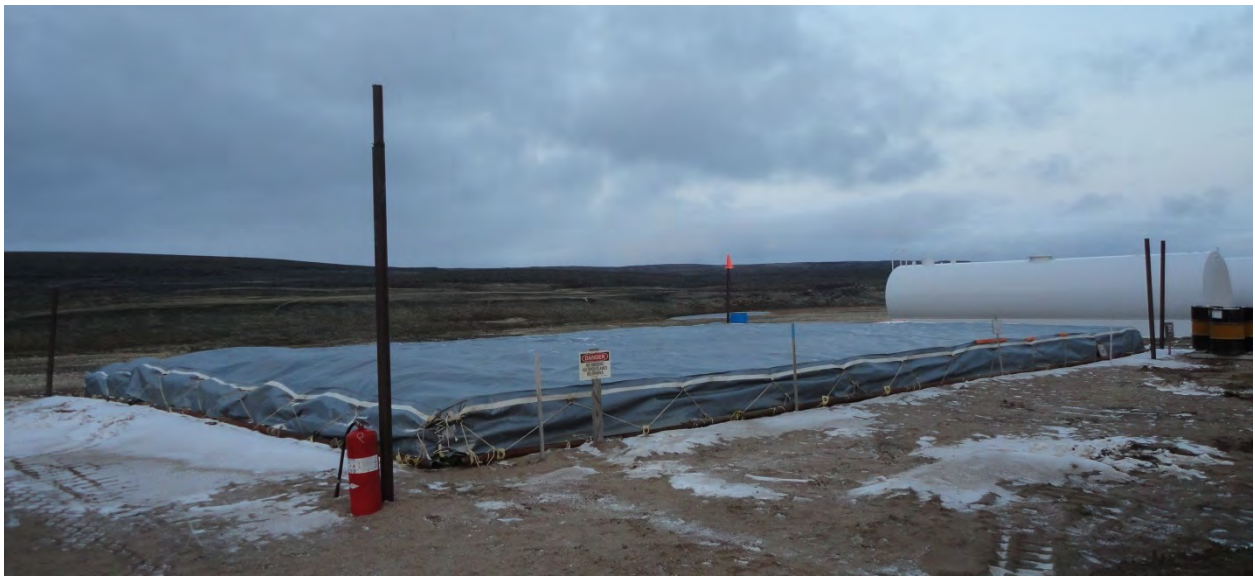


Figure 9 – P50/Jet Fuel cache located between generator and Quonset #1. Drill steel connected along all sides and used for additional anchoring of berm cover. This is fuel berm shown in 2014 Inspection report Figure 26.

### c) Erosion Control

Gullies and water channels at Hayes camp were inspected and where necessary remedial measures were implemented to prevent ongoing erosion, and to prevent transport of sediment into Sandspit Lake. This comprised:

- Filling new erosion ruts with sandbags to prevent further erosion
- Creating sand bag dams on steep slopes to reduce the velocity of moving water and prevent further erosion. Dams were constructed using permeable burlap sand bag to minimize ponding of water.
- Silt fences were installed on gentle slopes to collect sediment and prevent entry into Sandspit Lake.



Figure 10 – Erosion control measures implemented (view southwest)



Figure 11 – Erosion control measures implemented (view southeast)

#### **d) Hayes Camp Airstrip**

Mr. Lowell Wade., M.Sc., P.Eng., P.Geo., Senior Consultant from SRK Consulting Canada Inc completed a site visit and geotechnical review of the Hayes Camp airstrip on Saturday 6<sup>th</sup> September 2014. A geotechnical report is presently being prepared to address the issues requested in the 2014 Water Licence Inspection.

Whilst onsite a number of the sand bags along the airstrip were removed to enable ponded water to drain.

#### **e) Other Issues**

##### *i. Damaged Building at Airstrip*

The power generation shack housing the Hayes Camp generators that was destroyed during the strong wind was removed, salvaged and a new shack constructed. All garbage and debris from the damaged shack was removed.



Figure 12 – Demolished Power Generation Shack





Figure 13 – NCGC staff rebuilding Generator shack. Generators repositioned enable more suitable and wind resistant construction.



Figure 14 – Rebuilt Generator shack. All debris from damaged shack removed. (Same view as 2014 Inspection Report Figure 20)

*ii. Large red tank*

The large red tank at Hayes Camp is used as a summer camp water storage tank. This tank was labelled “Water” and “H<sub>2</sub>O” to prevent any confusion.



Figure 15 – Red tank used to store water at Hayes camp during summer months.

*iii. Garbage around incinerator / garbage not emptied*

All garbage around the incinerator was cleaned up. Garbage and recycling bins at Hayes camp were sealed and secured in Quonset #2.



Figure 16 – Hayes Camp incinerator. Garbage was sorted and removed. Note: black drum is empty and was stored prior to departure.





Figure 17 – Hayes camp incinerator site.

*iv. Garbage in wetlands*

All garbage was collected and removed from the wetlands east of the airstrip.

**2. Three Bluffs**

**a) Fuel Containment**

The three fuel storage berms located at the Three Bluffs drilling grid were addressed in a similar fashion to berms at Hayes camp

- Berms were inspected for any contained water, hydrocarbons or damage.
- Any contained water within the berm was drained out through rain drains with newly installed replacement hydrocarbon filters.
- Any damage to the berm was repaired
- Berms support brackets were inspected, repaired or replaced as necessary.
- Fuel drums inside the berm were inspected for leaks.
- Fuel drums within the berms were reorganized and empty drums were added to the berm to reduce gaps and prevent the cover from collecting water.



- Berm covers and tie down attachments were repaired.
- Berm covers were installed using used drill rods or 8"x8" timbers as anchors and UV resistant polyester rope to ensure durability.
- Rain drains were removed and berm drain valves closed or bungs reinstalled.
- Signs and marker posts were reinstalled where necessary.



Figure 18 – Two 'Rain Drain' filters attached to Berm 2 (2014 Inspection Report Figure 24) to treat hydrocarbon contaminated water





Figure 19 – Repairing damaged fuel berm



Figure 20 – Replacing damaged support brackets on berm 3 at Three Bluffs.





Figure 21 – Fuel berm 3 at Three Bluffs. The row of fuel drums on the far left was repositioned and additional wall support brackets added to ensure berm stability.

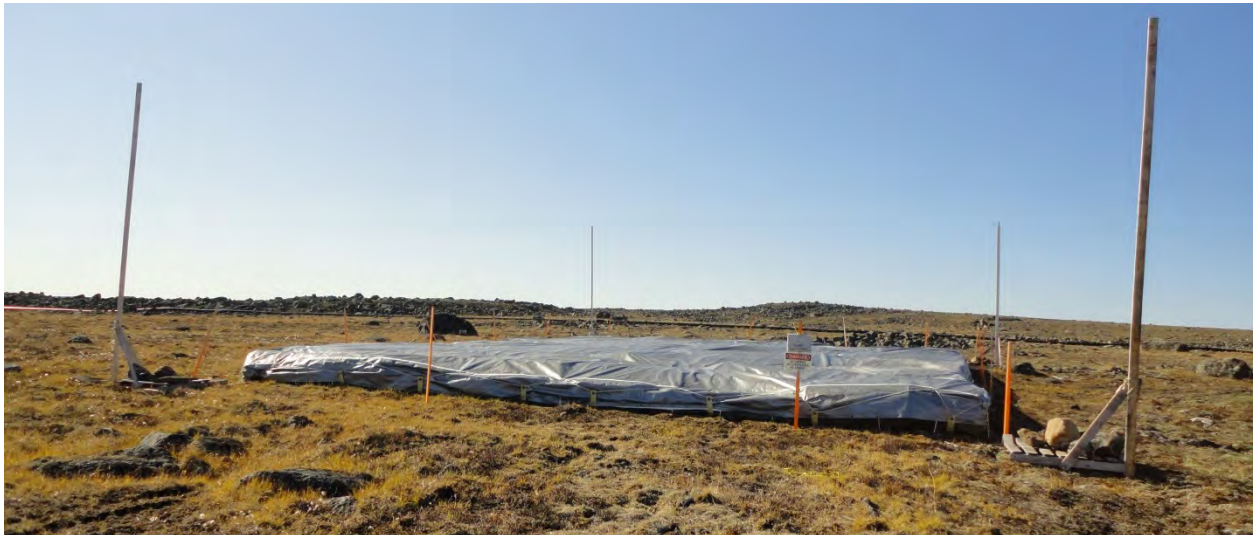


Figure 22 – Covered P50 fuel berm 3 (Three Bluffs – looking west; See 2014 Inspection report Figures 12 and 15).





Figure 23 – Berms 1 and 2 (Three Bluffs)

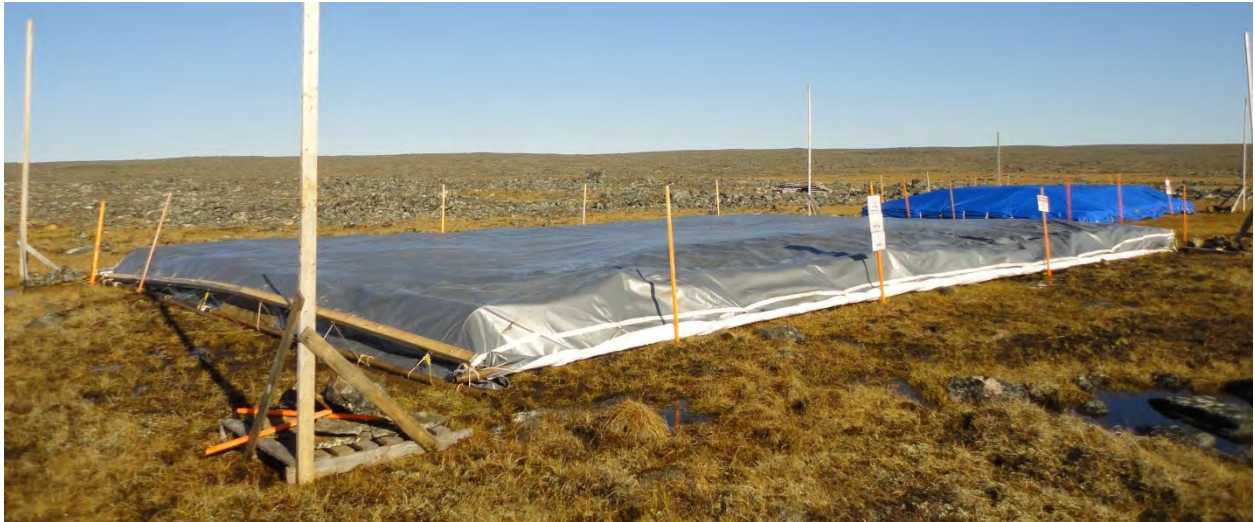


Figure 23 – Berm 2 at Three Bluffs (2014 Inspection report Figures 11, 14, 23, 24, 25).

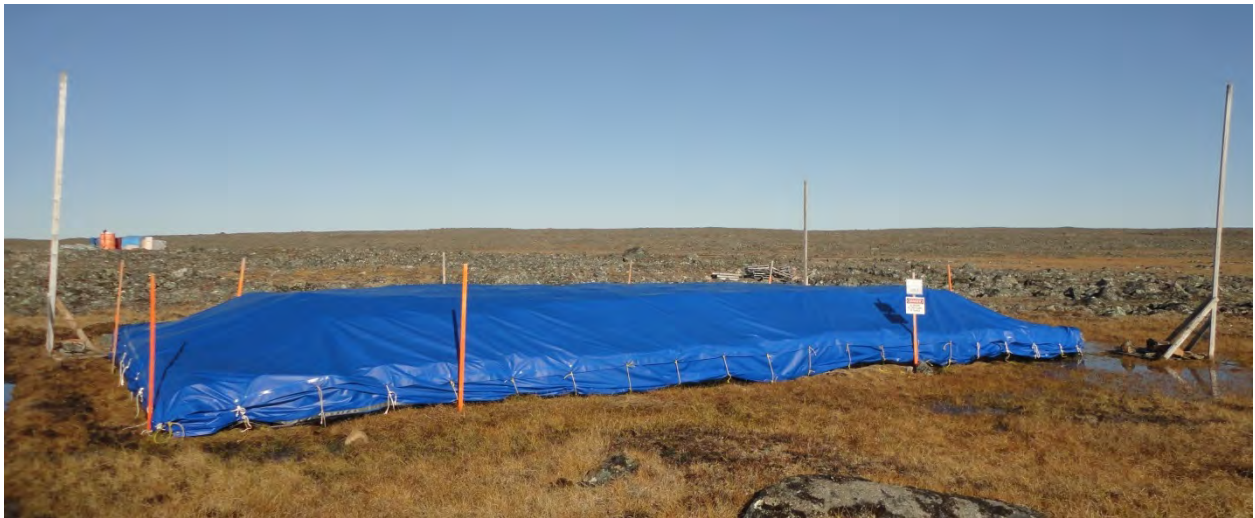


Figure 24 – Fuel Berm 1 at Three Bluffs (2014 Inspection report Figures 11 and 14)

## **b) Fuel Spill from Berm 2**

A spill report was filed with the NWT and Nunavut Spill hotline on the 7<sup>th</sup> August 2014 (Report Number 14-289; see Appendix 3).

Upon arrival at site the fuel spill was dealt with as a high priority item. Contaminated water within the berm was drained and treated through Rain Drain filters immediately to reduce the risk of further contamination of the tundra vegetation (See Figure 18). Absorbent matting and spill pads were used to absorb hydrocarbons from the surface where possible. Contaminated tundra was then excavated and placed in a sealed, labelled drum which was subsequently backhauled to Hayes Camp and placed within containment in Quonset #2. Holes were then backfilled using local material.



Figure 25 – Contaminated soil being removed from hydrocarbon spill which occurred as a result of Berm 2 overflowing.

## **c) Other issues**

### *i. Red sea container leaking contamination water out the door*

The red sea container (leaking contaminated water out the door) was inspected for the source of contamination. A leaking container of biodegradable drilling additive was identified as the source of contamination and was placed inside suitable containment. Residual drilling additive was removed from the sea container floor and contaminated soil was excavated, placed in a sealed drum and transported back to Hayes Camp and stored within containment in Quonset #2.





Figure 26 – Cleaning up contamination within red sea container



Figure 26 – Removing contaminated soil from door of red sea container.



ii. 2012 spill remediation

All spill pads from the site of the 2012 hydrocarbon spill were removed and transported back to Hayes camp and stored within the a sealed drum, within containment inside Quonset #2.



Figure 27 – Site of 2012 hydrocarbon spill. Absorbent matting was removed. Holes were backfilled to best extent possible within the natural wetland area (See 2014 Inspection Report Figure 28).



Figure 28 – Boiler site. Drums containing soil from 2012 fuel spill removed to Hayes Camp (See 2014 Inspection report Figure 29)

*iii. Fittings on double walled tank at boiler*

The double walled fuel tank at the boiler was inspected and a decision was made to relocate the tank and reconstruct a solid base for the tank. All hoses were removed from the base of the tank. The valve handle was removed and a bung installed to eliminate any risk of accidental discharge.

NCGC will install contained fuel lines that draw fuel from the top of tank prior to re-commissioning of the boiler system.



Figure 28 – Double walled fuel tank at the boiler repositioned on a solid base





Figure 29 – Fuel hoses were removed from the base of the tank, the valve handle removed and a bung installed to prevent any accidental discharge.

*iv. Tent Frame Damage*

The storage tent at the drillers' laydown at the Three Bluffs drill grid was repaired and secured for winter.



Figure 30 – Damaged storage tent at Three Bluffs drill grid.



Figure 31 – Repaired drill storage tent at Three Bluffs drill grid.

### 3. Bullion Camp

NCGC completed camp maintenance at Bullion camp during the 2014 program. Damaged tents were repaired wherever possible. One tent was re-roofed. A number of canvasses were removed from the tent frames where the extent of damage was beyond repair.



Figure 32 – Repaired roof at Bullion Camp.





Figure 33 – Repaired tent at Bullion Camp.



Figure 34 – Repaired tent canvas at Bullion Camp.





Figure 35 – Bullion Camp after maintenance.

## APPENDIX 1

### 2014 Water Licence Inspection Report and correspondence



# WATER LICENCE INSPECTION FORM

☒ Original  
☐ Follow-Up Report

<b>Licensee</b>	<b>Licensee Representative</b>
North Country Gold	-
<b>Licence No. / Expiry</b>	<b>Representative's Title</b>
2BE-CRA1015	-
<b>Land / Other Authorizations</b>	<b>Land / Other Authorizations</b>
Lease # 056J/11-1-2 and 056J/12-1-2	LUP N2009C0018 and N2009C0019
<b>Date of Inspection</b>	<b>Inspector</b>
20/07/2014	Eva Paul
<b>Activities Inspected</b> <input checked="" type="checkbox"/> Camp <input type="checkbox"/> Drilling <input type="checkbox"/> Mining <input type="checkbox"/> Construction <input type="checkbox"/> Reclamation <input checked="" type="checkbox"/> Fuel Storage <input type="checkbox"/> Roads/Hauling <input checked="" type="checkbox"/> Other: Drill laydown <input checked="" type="checkbox"/> Other: Airstrip	

Conditions:			A - Acceptable	C - Concern	U - Unacceptable	NA - Not Applicable	NI - Not Inspected	
<b>Water Use</b>	Condition	Comment	<b>Site Conditions</b>			Condition	Comment	
Intake/Screen	NA		Water Management Structures	U	2	<b>Haz/Mat Management</b>	Condition	
Flow Measure. Device	NA		Culverts / Bridges	A		Storage	U	
Source:	NA		Drainage	U	3	Spills	U	
Water Use:	NA		Erosion / Sediment	U	4	Spill Plan	U	
Recirculation ( y /n)	NA		Mitigation Measures	U	5	<b>Administrative</b>		
			Reclamation Activities	U	6	Records	NI	
			Materials Storage	A		Reports	NI	
<b>Waste Disposal</b>			Signage	A		Plans	NI	
Waste Water	U	1				Notifications	NI	
Solid Waste	U	1	<b>Monitoring</b>			<b>Other</b>		
Hazardous Waste	U	1	Sample Collection / Analysis	NI				
*The number in the comments field will correspond with specific comments provided below.								
Samples taken by Inspector:			Location(s):					
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No								

SECTION 1	<input checked="" type="checkbox"/> Comments (p.1-2)	<input checked="" type="checkbox"/> Non-Compliance with Act or Licence (s.2)	<input checked="" type="checkbox"/> Action Required (s.3)
<p>Bullion Camp and Hayes Camp were both inspected on July 20, 2014, as well as the Three Bluffs drill laydown/fuel storage area. Bullion Camp is weathered; some of the tents have torn. A few doors were open; I secured the doors as well as I could. Hayes Camp appears to have suffered a strong wind: one building at the airstrip is completely torn apart. Trash is blown into the wetlands east of the airstrip. It was noted during the file review that this water licence expires in April 2015; renewal documents should be submitted as early as possible to avoid expiry, and non-compliances addressed to facilitate the renewal process.</p> <ol style="list-style-type: none"> <li>1. Waste water, solid waste, and hazardous waste are accumulated in the Hayes lay-down area near camp. It does not appear that waste has been backhauled since my last inspection in 2012. Covers are becoming ripped and blowing off of stored waste. Waste barrels within camp still contain waste. Hazardous waste at the lay-down (waste hydrocarbons, contaminated water etc) is not held in secondary containment.</li> <li>2. Two berms at Three Bluffs have collapsed (both berms with grey tarps). Most of the berms' tarps have blown off. These are clearly not being monitored frequently enough. Bullion Camp, where a second berm was used as a cover, has weathered the best of all the berms. Little water was in the berm and all sides were standing. The blue-tarped berm at Three Bluffs was also intact.</li> <li>3. It does not appear that any work was done on the airstrip following the 2012 inspection. The sandbags put in place at right angles to the airstrip are still causing pooling and subsidence associated with permafrost melting. Cracks appear across the airstrip; and wash-outs off the sides.</li> <li>4. Erosion control measures in place around camp are not being maintained. The drainage channel from camp has changed course and is bypassing the sandbags, allowing sand to be washed into the lake.</li> <li>5. In general, the mitigation measures put in place will only be effective if the site is maintained. This includes the berms and the erosion control measures. Regular monitoring is required. The camp was not adequately prepared for a lengthy shut-down. Hazardous waste and camp waste should be removed from site. All fuels should be secured in covered secondary containment, and all garbage, foods and other wildlife attractants removed from site.</li> <li>6. Drill site near the fuel berms has not been reclaimed – collars are to be pulled or cut for all drill holes.</li> <li>7. The two 35,000L bulk fuel tanks at the airstrip are not to be put into use until they are installed in accordance with Environment Canada's current bulk storage tank regulations. Six full diesel drums were found at the airstrip with no containment. Four barrels were located at the incinerator on a pallet. The fuel tank at the Three Bluffs boiler is not in containment – leaks of the hose will result in a spill. Those materials that are stored in berms are not being monitored; two berms are collapsed, one of which is leaking clearly contaminated water to the tundra (grey tarped berm at the drill lay-down area near the blue-covered berm). I propped up the side with rocks to stop the flow of water, however if the rain continues this will soon overtop again. The airstrip berm is missing a cap, and water is dripping out the corner port. I noted Rain Drain filters around the site; those left with</li> </ol>			



any water in the filters over winter must have the filters replaced prior to use. The red sea-can containing drill greases and oils is discharging oil-contaminated water out the door. Without adequate monitoring, those spills that occur are not addressed promptly and there is a failure to implement the spill plan. Remediation of the spill that occurred in 2012 near the boiler at the drill area has not been completed; spill pads are still spread around the area. Excavated areas should be backfilled to prevent water accumulation and permafrost degradation. In addition, all issues identified in the 2013 LUP inspection are to be addressed as committed to in the 2013 annual report.

SECTION 2	<input type="checkbox"/> Comments	<input checked="" type="checkbox"/> Non-Compliance with Act or Licence	<input type="checkbox"/> Action Required
Part C Item 7: Failure to maintain sediment and erosion control measures.			
Part D Item 6: Failure to remove and dispose of hazardous waste.			
Part E Item 4: Failure to undertake corrective actions with respect to effects on drainage caused by the construction of the airstrip.			
Part # Item 12: Failure to maintain containment and runoff control structures.			
Part H Item 6(a): Failure to implement the Spill Contingency Plan.			
Part I Item 2: Failure to remove waste annually.			
Part I Item 9: Failure to reclaim drill holes immediately upon completion of drilling.			
SECTION 3	<input type="checkbox"/> Comments	<input type="checkbox"/> Non-Compliance with Act or Licence	<input checked="" type="checkbox"/> Action Required
1. All hazardous waste and kitchen waste are to be backhauled by October 31, 2014.			
2. A spill report is to be filed with the Spill Line with respect to the contaminated water spilling from the berm at Three Bluffs.			
3. All water accumulated in fuel berms (including small berms for individual tanks) is to be treated and pumped out of the berms. Berms are to be repaired or replaced in order to provide secondary containment. Berms are to be covered to prevent filling with water or snow. This is to be carried out by August 15, 2014.			
4. A geotechnical inspection by a qualified engineer is to be carried out of the airstrip. The geotechnical inspection report is to be submitted to the Board with the 2014 Annual Report, along with a covering letter from the Licensee outlining an implementation plan with timelines to respond to the Engineer's recommendations.			
5. Erosion control measures throughout the site are to be improved by August 15, 2014, in order to prevent sediment deposition in the lake.			
6. All fuel that is not waste to be backhauled is to be located into covered secondary containment by August 15, 2014.			
7. Contaminated soil from fuel and oil spills is to be removed, and holes immediately backfilled; this includes the 2012 spill. This is to be completed by August 15, 2014.			
8. A report showing the completed actions 3, 5, 7, and 8 (including photographs) is to be submitted to the Inspector by August 31, 2014.			
9. Record of waste backhaul is to be submitted to the Inspector by November 15, 2014.			
10. Drill sites are to be reclaimed by removing the drill casings and anchors, or cutting and capping them. This work is to be carried in the Licensee's next snow-free period of activity.			

Licensee or Representative	Inspector's Name
-	Eva Paul
Signature	Signature
-	Submitted electronically
Date	Date
-	25/07/2014

Office Use Only: Follow-up report to be issued by Inspector	<input type="checkbox"/> Yes <input type="checkbox"/> No
---	--

Attached: Appendix 1 - Photos of Inspection

CC: Phyllis Beaulieu, Manager of Licensing, NWB  
Erik Allain, Manager of Field Operations, AANDC  
Baba Pedersen, Resource Management Officer – Kitikmeot Region, AANDC





Figure 1. Bullion Camp. Berm is intact. Some tents are torn.



Figure 2. Lay-down at Hayes Camp. Building demolished.





Figure 3. Waste area at Hayes. Garbage barrels.



Figure 4. Barrels are no longer sealed.



Figure 5. Waste Hydrocarbons should have been removed from site.



Figure 6. Contaminated water should be removed from site.





Figure 7. Incinerator Ash should be removed from site.



Figure 8. Garbages within the camp were not emptied.



Figure 9. Aerial view of Hayes berms.



Figure 10. Hayes berm collapsed.



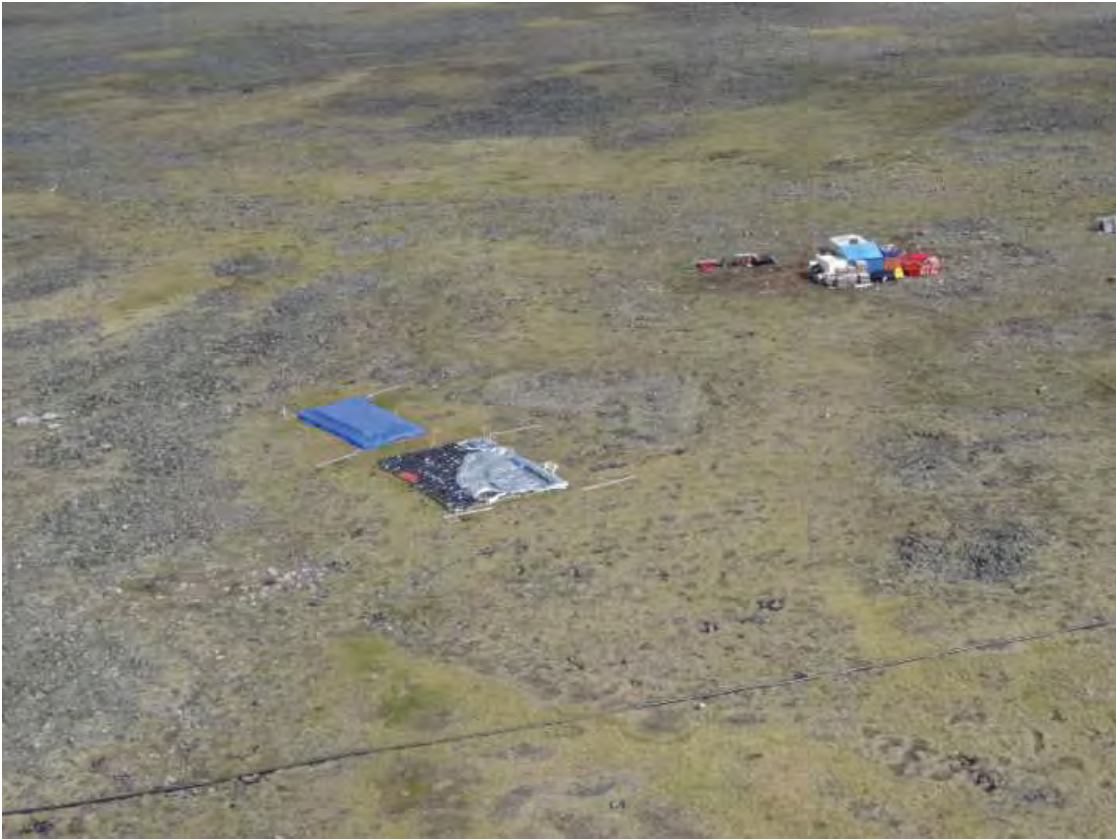


Figure 11. Berms at Three Bluffs.

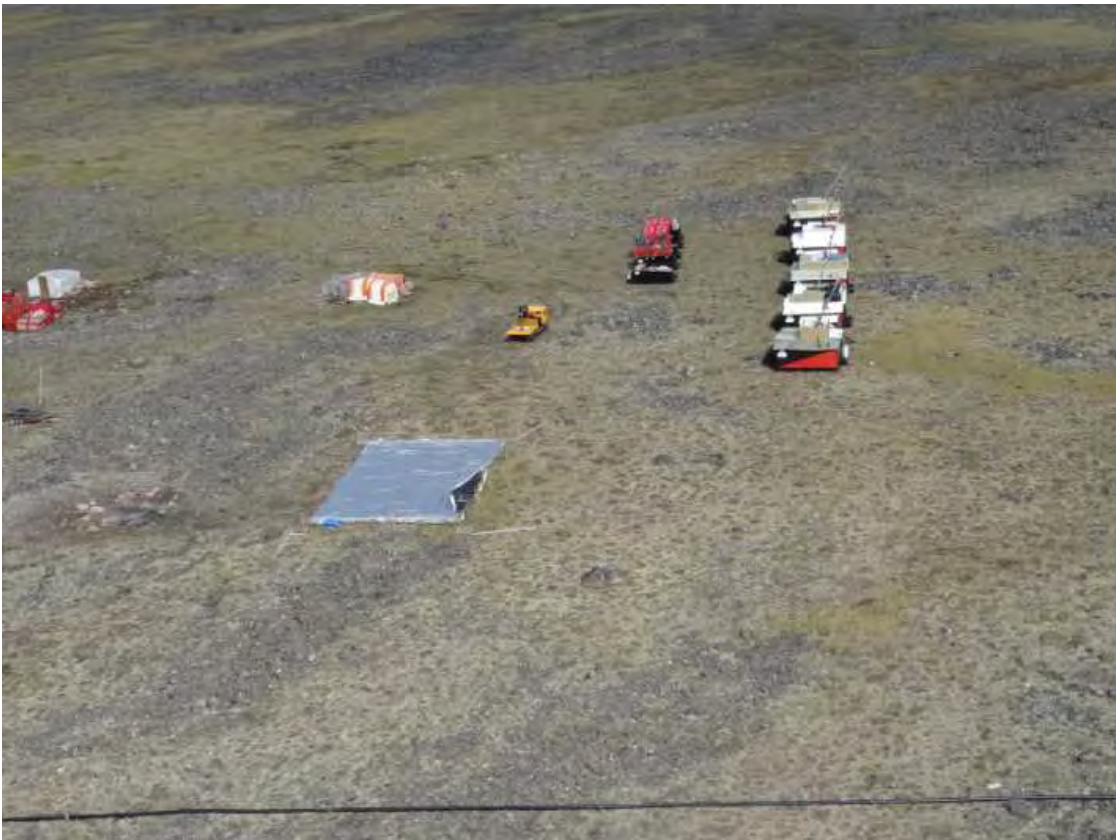


Figure 12. Third berm at Three Bluffs.



Figure 13. Three Bluffs berm 1.



Figure 14. Three Bluffs berm 2.



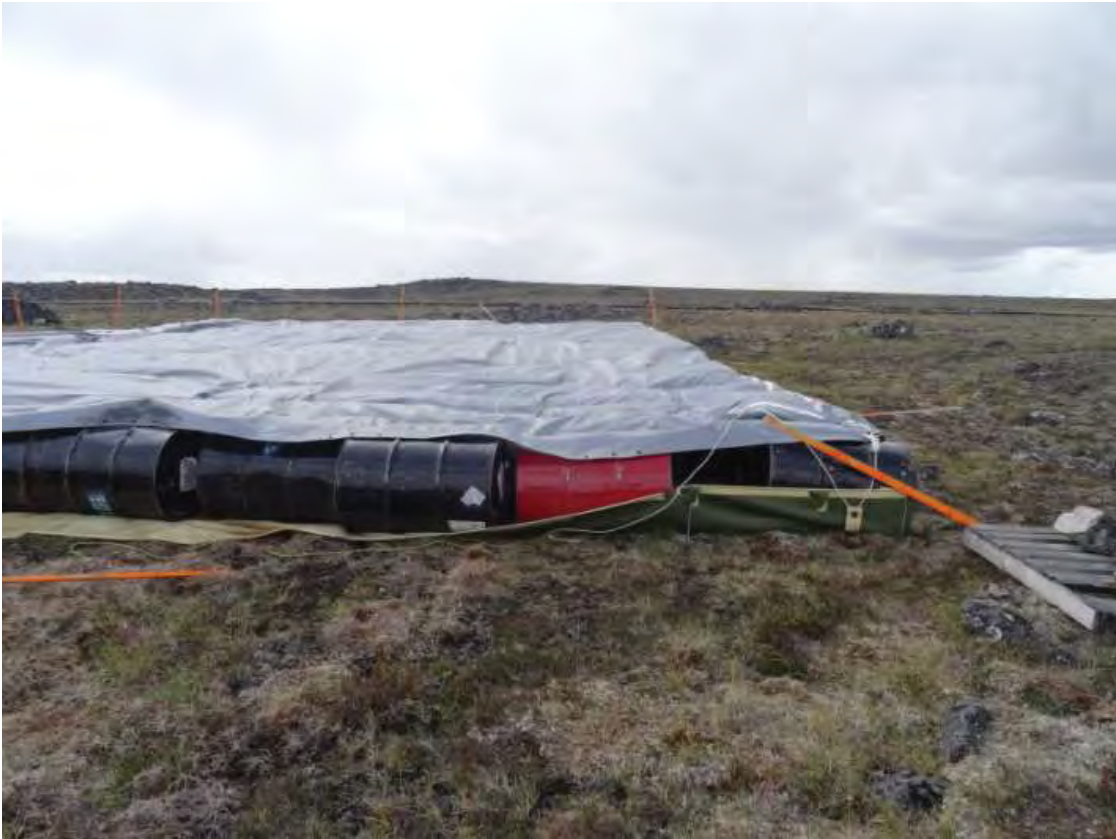


Figure 15. Three Bluffs berm 3.



Figure 16. Pooling/ponding on the side of the airstrip; sediment evident in water flowing down-slope.



Figure 17. Permafrost degradation leading to deterioration of airstrip and sediment in the water.



Figure 18. Camp drainage: original flow on left, new channel on right.





Figure 19. Drill sites require reclamation.



Figure 20. Full diesel barrels at the airstrip.



Figure 21. Barrels out of containment at the incinerator.



Figure 22. While tank may be double-walled, the hoses and valves are not. Secondary containment is required.





Figure 23. Contaminated water in Three-Bluffs berm 2.



Figure 24. Collapsed side of Three Bluffs berm 2, leaking contaminated water.





Figure 25. I propped up the side for a temporary fix. More precipitation will cause further overflow of contaminated water.



Figure 26. Hayes Camp berm; corner dripping. No obvious contamination at this time.





Figure 27. Sea-can leaking oil-contaminated water; there is water coming into the sea-can and flowing through.



Figure 28. 2012 spill at the boiler. Spill pads are still widespread and holes have not been backfilled.





Figure 29. Covered drums of assumedly contaminated material at the boiler. Berm is destroyed, and barrel contents are exposed.



August 7<sup>th</sup>, 2014

**VIA EMAIL**

Eva Paul  
Water Resources Officer  
Aboriginal Affairs and Northern Development Canada  
Nunavut Regional Office  
PO BOX 100  
IQALUIT, NUNAVUT XOA0H0

**RE: 2014 Water License Inspection (Ref: 2BE-CRA1015)**

Dear Ms. Paul,

North Country Gold Corp. ('NCG', 'the company') wishes to formally acknowledge receipt of AANDC's water license inspection that was carried out on the company's Committee Bay Project (Water License 2BE-CRA1015) the 20<sup>th</sup> July 2014.

NCG has reviewed AANDC's inspection report and is presently in the process of preparing necessary supplies and equipment, and engaging consultants and service companies to complete a field program designed specifically to address and remedy deficiencies identified, and action requested by AANDC. This field program will address both the 2014 '*Water license inspection report*' that you issued on 25<sup>th</sup> July 2014, and the '*Environmental inspection report*' issued by Mr. Baba Pederson to NCG in October 2013. Key action items are listed in tables 1 and 2 (attached).

NCG intends to initiate a field program at the Committee Bay Property sometime between the 11<sup>th</sup> and 18<sup>th</sup> of August (subject to the availability of aircraft). Whilst NCG acknowledges that expedient action is required to address high priority action items, the company respectfully requests that AANDC allow minor revisions to the mandated deadlines given the logistical and planning requirements necessary to complete a safe and effective stand-alone program in this remote location.

- NCG asks that the August 15<sup>th</sup> deadlines for high priority action items requested in the 2014 '*Water license inspection report*' (Section 3, Items 3, 5, 6, 7 - Fuel spills, repairing and covering fuel berms, and erosion control) be extended to 31<sup>st</sup> August. NCG personnel, once onsite, will be tasked with immediately addressing high priority action items.
- NCG requests that the reporting deadline be extended to the 30<sup>th</sup> September 2014. This will enable NCG to complete all field based remedial work.
- NCG also requests that the backhaul of hazardous waste and kitchen waste (action items 1 and 9) be deferred until such time as the company next constructs its permitted 5200 foot ice airstrip and is able to remove waste using heavy lift freight aircraft (C130



Hercules or equivalent). NCG's Hayes Camp gravel airstrip presently only facilitates small single/twin otter aircraft with limited cargo capacities and payloads which are not a practical means of moving large quantities of material.

In the interim, NCG proposes that all hazardous waste products be moved from their present location and stored in secondary containment within one of the two quonset structures at the site. This will provide protection from snow, rain and wind until such time as waste can be backhauled.

NCG would like to reiterate that we acknowledge the identified deficiencies and remain committed to rectifying and maintaining the terms and conditions of all of the company's applicable licenses. We trust that these minor amendments to the requested action plan are reasonable and will be found acceptable in light of timing constraints and logistical challenges. We look forward to your positive response to our proposed amendments prior initiating our work plan.

NCG remains committed to maintaining good working relationships with all regulatory bodies.

Yours sincerely,

North Country Gold Corp.

Simeon Robinson, P.Geo.  
Project Manager

cc:

Baba Pedersen, Resource Management Officer – Kitikmeot Region, AANDC  
Phyllis Beaulieu, Manager of Licensing, NWB  
Erik Allain, Manager of Field Operations, AANDC  
Tracey McCaie, Manager of Land Administration, AANDC  
Peter Kleespies, Vice President - Exploration (NCG)  
Jo Price (NCG)



Table 1 – 2014 AANDC requested “Action items” and NCG proposed work plan

Item #	Action Item	Requested time line	NCG Action plan
2014: Item 1	All hazardous waste and kitchen waste to be backhauled	October 31, 2014	Waste to be moved from present location and placed in secondary containment within existing quonset structure by <b>10<sup>th</sup> September 2014</b> . Backhaul pending ice airstrip and larger aircraft.
2014: Item 2	A spill report is to be filed with the Spill line with respect to the contaminated water spilling from the berm at Three Bluffs		A Spill report was filed with the NT-NU 24 hour spill line on the 7 <sup>th</sup> August 2014.
2014: Item 3	All water accumulated in fuel berms (including small berms for individual tanks) is to be treated and pumped out of the berms. Berms are to be repaired or replaced in order to provide secondary containment. Berms are to be covered to prevent filling with water or snow.	August 15, 2014	Once onsite, personnel inspect and repair all secondary fuel containment as warranted. Water will be removed from containment structures and treated prior to discharge. Fuel drums will be inspected and leaking drums rectified. All secondary containment covers will be repaired and secured. This will occur by <b>31<sup>st</sup> August 2014</b> .
2014: Item 4	A geotechnical inspection by a qualified engineer is to be carried out on the airstrip. The geotechnical inspection report is to be submitted to the Board with the 2014 Annual Report, along with a covering letter from the licensee outlining an implementation plan with timelines to respond to the Engineer's recommendation		NCG is presently engaging a geotechnical engineer. A site visit by a geotechnical engineer is tentatively planned for <b>early September 2014</b> .
2014: Item 5	Erosion control measures throughout the site are to be improved in order to prevent sediment deposition into the lake.	August 15, 2014	Once onsite, personnel will inspect and repair erosion control measures. Silt fences and or sand bags will be established where necessary to prevent sediment deposition into the lake. This will be completed by <b>31<sup>st</sup> August 2014</b> .
2014: Item 6	All fuel that is not waste to be backhauled is to be located in covered secondary containment.	August 15, 2014	Once onsite, all fuel will be located in secondary containment by <b>31<sup>st</sup> August 2014</b> .
2014: Item 7	Contaminated soil from fuel and oil spills is to be removed, and all holes immediately backfilled (including 2012 spill).	August 15, 2014	Once onsite, hydrocarbon spills will be addressed according to NCG Spill plan. Hydrocarbon contaminated soils will be removed and holes will be backfilled. This will be completed by <b>31<sup>st</sup> August 2014</b> .
2014: Item 8	A report showing the completed action items 3, 5, 7 to be submitted to the inspector by the 31 <sup>st</sup> August 2014.	August 31, 2014	NCG requests that the deadline for a detailed remedial action report be extended until <b>30<sup>th</sup> September 2014</b> .
2014: Item 9	Record of waste backhaul to be submitted to inspector	November 15, 2014	Waste to be moved from present location and placed in secondary containment within existing quonset structure by <b>10<sup>th</sup> September 2014</b> .
2014: Item 10	Drill sites are to be reclaimed by removing the drill casings and anchors, or cutting and capping them.	Within licensee's next snow free period of activity.	This will be completed during next operating season.



Table 2 – 2013 AANDC requested “Action items”

- **Bullion Camp**

Issue	Action required	Comments
Six structures have sustained extensive weather damage	Structures need to be repaired and secured	All damaged tent canvasses will be removed. Frames will be secured.

- **Hayes Camp**

Issue	Action required	Comments
Garbage around the incinerator	Garbage needs to be cleaned up and disposed of.	All garbage on site will be collected and removed or incinerated as appropriate.
Valve on large red tank is unsecure	Valve needs to be covered and locked	Please note that this tank is for water storage only.
Water is accumulating on top of cover of secondary containment and pulling cover off	Cover needs to be secured. Any water in berm to be treated to remove any hydrocarbons then discharged	All secondary containment structures will be inspected and repaired as necessary. Water will be removed from containment structures and treated prior to discharge. Fuel drums will be inspected and leaking drums rectified. All secondary containment covers will be repaired and secured to prevent water pooling on cover.

- **Three Bluffs drill grid, fuel cache and drill laydown**

Issue	Action required	Comments
Tent frame weather damaged	Tent needs repair	Tent structure will be repaired.
Fuel cache has large pool of standing water on cover	Water needs to be drained off	All secondary containment structures will be inspected and repaired as necessary. Water will be removed from containment structures and treated prior to discharge. Fuel drums will be inspected and leaking drums rectified. All secondary containment covers will be repaired and secured to prevent water pooling on cover.
Fuel cache has part of cover blown off.	Cover needs to be secured	All secondary containment structures will be inspected and repaired as necessary. Water will be removed from containment structures and treated prior to discharge. Fuel drums will be inspected and leaking drums rectified. All secondary containment covers will be repaired and secured to prevent water pooling on cover.



## Simeon Robinson

---

**From:** Eva Paul <Eva.Paul@aandc-aadnc.gc.ca>  
**Sent:** August-10-14 5:06 PM  
**To:** Robinson, Simeon  
**Cc:** Allain, Erik; Contact, Jo Price; Kleespies', 'Peter; Licensing Department; McCaie, Tracey; Pedersen, Baba; Phyllis Beaulieu; licensing@nunavutwaterboard.org  
**Subject:** RE: 2BE-CRA1015 Inspection of July 20 2014

Hi Simeon,

Thank you for this document and the prompt response from NCG with respect to the action items identified in the 2014 inspection report. By way of this e-mail I acknowledge and approve your request to amend the deadlines as follows:

- Item 1 - Hazardous waste to be moved from present location and placed in secondary containment within the quonset - may be carried out by **September 10th**.
- The work required for items 3,5,6, and 7 by August 15th may be extended to **August 31st**.
- The report required by item 8 may be extended to **September 30th**, and will also include a description (*including type and quantity of waste*) and photographs of the fulfilment of Item 1.

I cannot, however, waive the requirement to backhaul hazardous waste. This condition forms part of the licence, and NCG is now in the second year of contravention. This item may be deferred until an agreed-upon date this coming winter, however, it is to be undertaken prior to the expiry of the licence.

- NCG is to determine a date, prior to the expiry date of the existing licence, by which all hazardous waste will be removed from site and a report with records of backhaul submitted to the Inspector.

Regards,

*Eva Paul*

Water Resources Officer | Agent des ressources en eau  
Aboriginal Affairs and Northern Development Canada | Affaires autochtones et Développement du Nord Canada  
Nunavut Regional Office | Bureau régional du Nunavut  
Building 969, PO Box 2200 | Édifice 969, CP 2200  
Iqaluit, NU X0A 0H0

Phone | Tél. : 867-975-4548  
Cell | Mobile: 867-222-6490  
Fax | Téléc. : 867-979-6445  
[Eva.Paul@aandc-aadnc.gc.ca](mailto:Eva.Paul@aandc-aadnc.gc.ca)

>>> "Simeon Robinson" <[simeonr@northcountrygold.com](mailto:simeonr@northcountrygold.com)> 8/8/2014 4:55 PM >>>

Hi Eva,

Please find attached to this email a letter detailing NCG's proposed work plan to address the deficiencies and respectfully request minor amendments to timeframes noted in your inspection report of the Committee Bay Project.

## APPENDIX 2

### 2013 Environmental Inspection Report and correspondence



October 24, 2013

North Country Gold  
220 – 9797 45<sup>th</sup> Ave  
Edmonton, AB T6E – 5V8

**RE: Land Use Permit # N2009C0018 Hayes Camp and Drill Laydown Area & Fuel Cache**

On July 25, 2013, I conducted Field Inspections at the above mentioned locations. A copy of my Environmental Inspection Report and 2 Photo Sheets are attached.

**Issues identified during the Inspection:**

This LUP expired on March 20, 2013 but I do acknowledge that your application for renewal has already been submitted to AANDC.

As per photo sheet #1 of the Hayes Camp, there was some garbage found around the Incinerator that needs to be cleaned up and disposed of, the valve on the large red tank is unsecure and needs to be covered or locked, and the secondary containment on 1 of the 2 fuel caches needs attending to as water has accumulated on top causing other areas to be exposed. The covered secondary containment for individual drums behind each structure is very nice thank you.

As per photo sheet #2 of the Drill Laydown area and Fuel Cache, 1 Tent Frame is weather damaged and needs repairing and 1 Fuel Cache has a large pool of standing water that needs to be drained off and the other Fuel Cache has had part of the cover blown off and a section of the containment wall has collapsed from the support strings coming off.

The above deficiencies need to be fixed and “before” and “after” photos shall be provided to me to show compliance. These sites will be Inspected again in 2014 to ensure compliance.

Please do not hesitate to contact me should you have any questions or concerns.

Koana,

Baba Pedersen  
Resource Management Officer  
Aboriginal Affairs and Northern Development Canada  
P.O. Box 278  
Kugluktuk, NU X0B – 0E0  
Phone 867-982-4306  
Fax 867-982-4307  
Email [baba.pedersen@aandc.gc.ca](mailto:baba.pedersen@aandc.gc.ca)

cc. Land Administrator, AANDC, Iqaluit, NU



(E) N 7009 C0018



25 JULY 2013



HAYES CAMP



N 66° 39' 34.3"

W 91° 33' 10.3"



(#2) N8009C0018



25 JULY 2013



PALE LAYDOWN & FUEL CACHE



N 66° 32' 30.9"

W 91° 26' 27.7"





## ENVIRONMENTAL INSPECTION REPORT

Permittee: (complete name and address)

NORTH COUNTRY GOLD

220-9797 45TH AVE, EDMONTON, AB T6E-5V8

		Permit Expiry Date	Last Previous Inspection
Land Use Permit No.	N2009C0018	20 MARCH 2013	16 JULY 2011
Quarrying Permit No.			
WATER LICENCE	2BE-CRA1015	1 APRIL 2015	
Contractor:		Subcontractor:	

Location(s) Inspected:

#1 - HAYES CAMP N 66°39'34.3" W 91°33'10.3"  
#2 - DRILL LAYDOWN/FUEL CACHE N 66°38'30.9" W 91°26'37.7"

Current Stage of Operation:

IN - ACTIVE

Program Modifications Approved:

Condition of Operation "A" - Acceptable "U" - Unacceptable "N/A" - Not Applicable

	Operating Condition	#1	Aspect Inspected	#2	
A	Location as Permitted	A		A	
B	Timing as Permitted	A		A	
	Equipment as Approved				EXPIRED LUP APPLICATION FOR RENEWAL
D	Methods & Techniques				ALREADY SUBMITTED
E	Facilities	A		U	WEATHER DAMAGE
F	Erosion				
G	Chemicals, Waste	U		A	GARBAGE AROUND WRECKER
H	Wildlife & Fisheries Habitat				INCINERATOR
I	Ecological Resource				
K	Fuel Storage	U		U	SECONDARY CONTAINMENT
L	Brush Disposal				NEEDS ATTENDING TOO
M	Matters Not Inconsistent				
N	Water Engineering				
O	Water Supply				
P	Restoration				
Q	Quarrying Methods				
R	Sections 12 to 19 T.L.U.R.				
S					
T					

Surveillance Network Program

Explanatory Remarks (attach page 2, if required)

AT BOTH LOCATIONS THE COVERED  
SECONDARY CONTAINMENT NEEDS ATTENDING TOO FOR  
STANDING WATER AND TIE DOWN STRINGS HAVE  
COME OFF

Page 2 attached ☐ Yes ☒ No

Representative's Signature

BP.

RMO Initials

Inspector's Signature

[Signature]

Representative's Title

District Mgr. Initials





October 24, 2013

North Country Gold  
220 – 9797 45<sup>th</sup> Ave  
Edmonton, AB T6E – 5V8

**RE: Land Use Permit # N2009C0019 (associated with Water Licence 2BE-CRA1015) Boullion Camp**

On July 25, 2013, I conducted a Field Inspection at the above mentioned location. A copy of my Environmental Inspection Report and 2 Photo Sheets are attached.

**Issues identified during the Inspection:**

This LUP expired on March 20, 2013 but I do acknowledge that your application for renewal has already been submitted to AANDC.

As per photo sheet #2, at least 6 structures in the camp have sustained extensive weather damage. These must all be repaired and all structures must be secure. You shall provide me with “before” and “after” photos of your repairs to ensure compliance.

As per photo sheet #1, all fuel stored on site is in Covered Secondary Containment, thank you very much for this. That is how we require all Secondary Containment that is unattended for more than 24 hours at a time.

Please do not hesitate to contact me should you have any questions or concerns.

Koana,

Baba Pedersen  
Resource Management Officer  
Aboriginal Affairs and Northern Development Canada  
P.O. Box 278  
Kugluktuk, NU X0B – 0E0  
Phone 867-982-4306  
Fax 867-982-4307  
Email [baba.pedersen@aandc.gc.ca](mailto:baba.pedersen@aandc.gc.ca)

cc. Land Administrator, AANDC, Iqaluit, NU

(E1)

N7009C0019

25 JULY 2013

BOULDER CAMP



P 66° 23' 48.8"

W 93° 07' 42.9"



#27 N 2004 C0019



25 JULY 2013



BOULDER CAMP



N 66° 23' 42.8"

W 93° 07' 42.9"





## ENVIRONMENTAL INSPECTION REPORT

Permittee: (complete name and address) NORTH COUNTRY GOLD

220-9797 45TH AVE, EDMONTON, AB T6E-5V8

		Permit Expiry Date	Last Previous Inspection
Land Use Permit No.	N2009C0019	20 MARCH 2013	
Quarrying Permit No.			
WATER LICENCE	28E-CRA1015	1 APRIL 2015	
Contractor:		Subcontractor:	

Location(s) Inspected:

BOULLION CAMP  
N 66°23'48.8" W 93°07'42.9"

Current Stage of Operation:

IN - ACTIVE

Program Modifications Approved:

Condition of Operation "A" - Acceptable "U" - Unacceptable "N/A" - Not Applicable

	Operating Condition	Aspect Inspected			
A	Location as Permitted	A			
B	Timing as Permitted	A			
	Equipment as Approved				EXPIRED LUP APPLICATION FOR RENEWAL ALREADY SUBMITTED
D	Methods & Techniques				
E	Facilities	U			EXTENSIVE WEATHER DAMAGE
F	Erosion				
G	Chemicals, Waste				
H	Wildlife & Fisheries Habitat				
I	Ecological Resource				
K	Fuel Storage	A			COVERED SECONDARY CONTAINMENT
L	Brush Disposal				
M	Matters Not Inconsistent				
N	Water Engineering				
O	Water Supply				
P	Restoration				
Q	Quarrying Methods				
R	Sections 12 to 19 T.L.U.R.				
S					
T					

Surveillance Network Program

Explanatory Remarks (attach page 2, if required)

AT LEAST 6 STRUCTURES HAVE EXTENSIVE WEATHER  
DAMAGE, THESE ALL NEED TO BE REPAIREDPage 2 attached ☐ Yes ☒ No

Representative's Signature

Inspector's Signature

RMO Initials

Representative's Title

District Mgr. Initials



*via email*

31<sup>st</sup> December 2013

Baba Pederson  
Resource Management Officer  
Aboriginal Affairs and Northern Development Canada  
PO BOX 278  
Kugluktuk, Nunavut, X0B0E0

**RE: 2013 Land use permits inspections: N2009C0018 (Hayes Camp) and N2009C0019 (Bullion Camp)**

Dear Mr. Pederson,

On behalf of North Country Gold Corp. ('NCG', 'the company') I would like to acknowledge the receipt of your field inspection reports for Land Use Permits N2009C0018 (Hayes Camp) and N2009C0019 (Bullion Camp) dated October 24, 2013.

NCG acknowledges that the following issues need to be rectified:

- Bullion Camp**

Issue	Action required	Comments
Six structures have sustained extensive weather damage	Structures need to be repaired and secured	Scheduled for 2014

- Hayes Camp**

Issue	Action required	Comments
Garbage around the incinerator	Garbage needs to be cleaned up and disposed of.	Scheduled for 2014
Valve on large red tank is unsecure	Valve needs to be covered and locked	Please note that this tank is for water storage only. This will be addressed in 2014.
Water is accumulating on top of cover of secondary containment and pulling cover off	Cover needs to be secured. Any water in berm to be treated to remove any hydrocarbons then discharged	Scheduled for 2014. NCG will address this issue so that it does not reoccur.

**North Country Gold Corp.**

EDMONTON CORPORATE OFFICE:  
SUITE 220-9797 45TH AVENUE | EDMONTON | AB | T6E 5V8  
PHONE: 780-437-6624 | FAX: 780-439-7308

VANCOUVER OFFICE:  
SUITE 1440-625 HOWE STREET | VANCOUVER | BC | V6C 2T6  
PHONE: 604-646-4524 | FAX: 604-646-4526

**WWW.NORTHCOUNTRYGOLD.COM**



- **Three Bluffs drill grid, fuel cache and drill laydown**

Issue	Action required	Comments
Tent frame weather damaged	Tent needs repair	Scheduled for 2014
Fuel cache has large pool of standing water on cover	Water needs to be drained off	Scheduled for 2014. NCG will address this issue so that it does not reoccur.
Fuel cache has part of cover blown off.	Cover needs to be secured	Scheduled for 2014. NCG will address this issue so that it does not reoccur.

Unfortunately NCG was unable to address the deficiencies noted in your report during the latter portion of the 2013 field season. The company plans to address these issues during the 2014 field season, and as requested will document remedial actions taken and provide you with before and after photos. NCG will notify you once the details and schedule for the 2014 work program are finalized.

Please do not hesitate to contact myself (email: [simeonr@northcountrygold.com](mailto:simeonr@northcountrygold.com); telephone 780-616-9459) should you have additional questions or concerns.

Yours sincerely,

Simeon Robinson  
Project Manager  
North Country Gold Corp.

cc:

Jo Price – North Country Gold Corp.  
Phyllis Beaulieu – Nunavut Water Board  
Wynter Kuliktana – Kitikmeot Inuit Association

---

**North Country Gold Corp.**

EDMONTON CORPORATE OFFICE:  
SUITE 220-9797 45TH AVENUE | EDMONTON | AB | T6E 5V8  
PHONE: 780-437-6624 | FAX: 780-439-7308

VANCOUVER OFFICE:  
SUITE 1440-625 HOWE STREET | VANCOUVER | BC | V6C 2T6  
PHONE: 604-646-4524 | FAX: 604-646-4526

[WWW.NORTHCOUNTRYGOLD.COM](http://WWW.NORTHCOUNTRYGOLD.COM)



## APPENDIX 3

### NT-NU Spill Report



Canada

# NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130

FAX: (867) 873-6924

EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

A	REPORT DATE: MONTH – DAY – YEAR		REPORT TIME		<input type="checkbox"/> ORIGINAL SPILL REPORT, OR <input type="checkbox"/> UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER _____
	OCCURRENCE DATE: MONTH – DAY – YEAR		OCCURRENCE TIME			
C	LAND USE PERMIT NUMBER (IF APPLICABLE)			WATER LICENCE NUMBER (IF APPLICABLE)		
	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION				REGION <input type="checkbox"/> NWT <input type="checkbox"/> NUNAVUT <input type="checkbox"/> ADJACENT JURISDICTION OR OCEAN	
E	LATITUDE			LONGITUDE		
	DEGREES	MINUTES	SECONDS	DEGREES	MINUTES	SECONDS
F	RESPONSIBLE PARTY OR VESSEL NAME		RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION			
	ANY CONTRACTOR INVOLVED		CONTRACTOR ADDRESS OR OFFICE LOCATION			
H	PRODUCT SPILLED		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES		U.N. NUMBER	
	SECOND PRODUCT SPILLED (IF APPLICABLE)		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES		U.N. NUMBER	
I	SPILL SOURCE		SPILL CAUSE		AREA OF CONTAMINATION IN SQUARE METRES	
	FACTORS AFFECTING SPILL OR RECOVERY		DESCRIBE ANY ASSISTANCE REQUIRED		HAZARDS TO PERSONS, PROPERTY OR ENVIRONMENT	
K	ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS					
L	REPORTED TO SPILL LINE BY	POSITION	EMPLOYER	LOCATION CALLING FROM	TELEPHONE	
	ANY ALTERNATE CONTACT	POSITION	EMPLOYER	ALTERNATE CONTACT LOCATION	ALTERNATE TELEPHONE	

## REPORT LINE USE ONLY

N	RECEIVED AT SPILL LINE BY	POSITION	EMPLOYER	LOCATION CALLED	REPORT LINE NUMBER
		STATION OPERATOR		YELLOWKNIFE, NT	(867) 920-8130
LEAD AGENCY <input type="checkbox"/> EC <input type="checkbox"/> CCG <input type="checkbox"/> GNWT <input type="checkbox"/> GN <input type="checkbox"/> ILA <input type="checkbox"/> INAC <input type="checkbox"/> NEB <input type="checkbox"/> TC			SIGNIFICANCE <input type="checkbox"/> MINOR <input type="checkbox"/> MAJOR <input type="checkbox"/> UNKNOWN		FILE STATUS <input type="checkbox"/> OPEN <input type="checkbox"/> CLOSED
AGENCY		CONTACT NAME	CONTACT TIME	REMARKS	
LEAD AGENCY					
FIRST SUPPORT AGENCY					
SECOND SUPPORT AGENCY					
THIRD SUPPORT AGENCY					

## ***APPENDIX 2***

2014 Water Use Records



**North Country Gold Corp.**  
**Committee Bay Project**  
**Water Consumption (2014)**

Camp opened

Camp closed

				August 2014																	September 2014														
Recorded Units				Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo
TOTAL				15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Hayes Camp	Kitchen	Hayes Kitchen (Metre Reading)	cubic metres	373.5	373.5	373.7	373.9	374.1	374.2	374.3	374.4	374.5	374.5	374.6	374.7	374.8	374.9	375.0	375.1	375.1	375.2	375.3	375.5	375.7	375.9	376.1	376.2	376.3	376.5	376.6	376.6	376.6	376.6	376.6	
		Hayes Kitchen (Consumed)	cubic metres		0.0	0.2	0.2	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.1	0.0	0	0	0
		TOTAL	cubic metres																																
	Camp Dry	Hayes Camp Dry (Metre Reading)	cubic metres	20.9	20.9	21.2	21.7	21.8	21.9	22.0	22.1	22.3	22.7	22.9	22.9	23.0	23.3	23.4	23.6	23.7	24.0	24.1	24.3	24.7	24.9	25.2	25.2	25.6	25.9	25.9	26.4	26.4	26.4	26.4	
		Hayes Camp Dry (Consumed)	cubic metres		0.0	0.3	0.5	0.1	0.1	0.1	0.1	0.2	0.4	0.2	0.0	0.1	0.3	0.1	0.2	0.1	0.3	0.1	0.2	0.4	0.2	0.3	0.0	0.4	0.3	0.0	0.5	0	0	0	0
		TOTAL	cubic metres																																
	Wash Cars	Wash Cars (Metre reading)	cubic metres	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		Wash Car (Consumed)	cubic metres																																
		TOTAL	cubic metres																																
	Drillers Dry	Hayes Drillers Dry (Metre reading)	cubic metres	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		Hayes Drillers Dry (Consumed)	cubic metres																																
		TOTAL	cubic metres																																
Three Bluffs	Drill Water System	DWS (Metre reading)	cubic metres	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
		DWS (consumed)	cubic metres																																
		TOTAL	cubic metres																																
Bullion Camp		Kitchen and Dry (Metre reading)	gallons	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
		Kitchen and dry (Consumed)	cubic metres																																
		TOTAL	cubic metres																																
Daily Total			cubic metres	0.0	0.0	0.5	0.7	0.3	0.1	0.2	0.2	0.3	0.5	0.2	0.1	0.2	0.4	0.2	0.3	0.2	0.3	0.2	0.6	0.4	0.5	0.2	0.5	0.4	0.2	0.6	0.0	0.0	0.0	0.0	

Total Water Used in 2014  
8.6 cubic metres

## ***APPENDIX 3***

### 2014 Water Monitoring Station Analytical Results



North Country Gold Corp.  
ATTN: SIMEON ROBINSON  
220, 9797 45th Avenue  
Edmonton AB T6E 5V8

Date Received: 13-SEP-14  
Report Date: 26-SEP-14 14:33 (MT)  
Version: FINAL

Client Phone: 780-616-9459

## Certificate of Analysis

**Lab Work Order #:** L1517320  
**Project P.O. #:** NOT SUBMITTED  
**Job Reference:**  
**C of C Numbers:**  
**Legal Site Desc:**

Judy Dalmaijer  
Account Manager

[This report shall not be reproduced except in full without the written authority of the Laboratory.]

ADDRESS: 1329 Niakwa Road East, Unit 12, Winnipeg, MB R2J 3T4 Canada | Phone: +1 204 255 9720 | Fax: +1 204 255 9721  
ALS CANADA LTD Part of the ALS Group A Campbell Brothers Limited Company



## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1517320-1 CRA1							
Sampled By: SR/PK on 12-SEP-14 @ 09:00							
Matrix: Water							
<b>Miscellaneous Parameters</b>							
Biochemical Oxygen Demand	<6.0		6.0	mg/L		13-SEP-14	R2951712
Chlorine, Free	<0.10	USC	0.10	mg/L		13-SEP-14	R2947097
Chlorine, Total	<0.10	USC	0.10	mg/L		13-SEP-14	R2947097
Conductivity	9.9		1.0	umhos/cm		25-SEP-14	R2960891
Fecal Coliforms	<3		3	MPN/100mL		17-SEP-14	R2951258
Mercury (Hg)-Total	<0.000020		0.000020	mg/L	15-SEP-14	15-SEP-14	R2948512
Oil and Grease, Total	<2.0		2.0	mg/L	19-SEP-14	19-SEP-14	R2956402
Total Suspended Solids	2.0		2.0	mg/L		16-SEP-14	R2950637
pH	6.49		0.10	pH units		19-SEP-14	R2953140
<b>Total Metals by ICP-MS</b>							
Aluminum (Al)-Total	0.0211		0.0050	mg/L	17-SEP-14	17-SEP-14	R2951002
Antimony (Sb)-Total	<0.00020		0.00020	mg/L	17-SEP-14	17-SEP-14	R2951002
Arsenic (As)-Total	<0.00020		0.00020	mg/L	17-SEP-14	17-SEP-14	R2951002
Barium (Ba)-Total	0.00300		0.00020	mg/L	17-SEP-14	17-SEP-14	R2951002
Beryllium (Be)-Total	<0.00020		0.00020	mg/L	17-SEP-14	17-SEP-14	R2951002
Bismuth (Bi)-Total	<0.00020		0.00020	mg/L	17-SEP-14	17-SEP-14	R2951002
Boron (B)-Total	0.022		0.010	mg/L	17-SEP-14	17-SEP-14	R2951002
Cadmium (Cd)-Total	<0.000010		0.000010	mg/L	17-SEP-14	17-SEP-14	R2951002
Calcium (Ca)-Total	0.90		0.10	mg/L	17-SEP-14	17-SEP-14	R2951002
Cesium (Cs)-Total	<0.00010		0.00010	mg/L	17-SEP-14	17-SEP-14	R2951002
Chromium (Cr)-Total	<0.0010		0.0010	mg/L	17-SEP-14	17-SEP-14	R2951002
Cobalt (Co)-Total	<0.00020		0.00020	mg/L	17-SEP-14	17-SEP-14	R2951002
Copper (Cu)-Total	0.00050		0.00020	mg/L	17-SEP-14	17-SEP-14	R2951002
Iron (Fe)-Total	<0.10		0.10	mg/L	17-SEP-14	17-SEP-14	R2951002
Lead (Pb)-Total	<0.000090		0.000090	mg/L	17-SEP-14	17-SEP-14	R2951002
Lithium (Li)-Total	<0.0020		0.0020	mg/L	17-SEP-14	17-SEP-14	R2951002
Magnesium (Mg)-Total	0.308		0.010	mg/L	17-SEP-14	17-SEP-14	R2951002
Manganese (Mn)-Total	0.00194		0.00030	mg/L	17-SEP-14	17-SEP-14	R2951002
Molybdenum (Mo)-Total	<0.00020		0.00020	mg/L	17-SEP-14	17-SEP-14	R2951002
Nickel (Ni)-Total	<0.0020		0.0020	mg/L	17-SEP-14	17-SEP-14	R2951002
Phosphorus (P)-Total	<0.10		0.10	mg/L	17-SEP-14	17-SEP-14	R2951002
Potassium (K)-Total	0.412		0.020	mg/L	17-SEP-14	17-SEP-14	R2951002
Rubidium (Rb)-Total	0.00112		0.00020	mg/L	17-SEP-14	17-SEP-14	R2951002
Selenium (Se)-Total	<0.0010		0.0010	mg/L	17-SEP-14	17-SEP-14	R2951002
Silicon (Si)-Total	0.47		0.10	mg/L	17-SEP-14	17-SEP-14	R2951002
Silver (Ag)-Total	<0.00010		0.00010	mg/L	17-SEP-14	17-SEP-14	R2951002
Sodium (Na)-Total	0.588		0.030	mg/L	17-SEP-14	17-SEP-14	R2951002
Strontium (Sr)-Total	0.00521		0.00010	mg/L	17-SEP-14	17-SEP-14	R2951002
Tellurium (Te)-Total	<0.00020		0.00020	mg/L	17-SEP-14	17-SEP-14	R2951002
Thallium (Tl)-Total	<0.00010		0.00010	mg/L	17-SEP-14	17-SEP-14	R2951002
Thorium (Th)-Total	<0.00010		0.00010	mg/L	17-SEP-14	17-SEP-14	R2951002
Tin (Sn)-Total	<0.00020		0.00020	mg/L	17-SEP-14	17-SEP-14	R2951002
Titanium (Ti)-Total	0.00087		0.00050	mg/L	17-SEP-14	17-SEP-14	R2951002
Tungsten (W)-Total	<0.00010		0.00010	mg/L	17-SEP-14	17-SEP-14	R2951002
Uranium (U)-Total	<0.00010		0.00010	mg/L	17-SEP-14	17-SEP-14	R2951002
Vanadium (V)-Total	<0.00020		0.00020	mg/L	17-SEP-14	17-SEP-14	R2951002
Zinc (Zn)-Total	<0.0020		0.0020	mg/L	17-SEP-14	17-SEP-14	R2951002
Zirconium (Zr)-Total	<0.00040		0.00040	mg/L	17-SEP-14	17-SEP-14	R2951002

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1517320-2 CRA2							
Sampled By: SR/PK on 12-SEP-14 @ 09:15							
Matrix: Water							
<b>Miscellaneous Parameters</b>							
Biochemical Oxygen Demand	<6.0		6.0	mg/L		13-SEP-14	R2951712
Chlorine, Free	<0.10	USC	0.10	mg/L		13-SEP-14	R2947097
Chlorine, Total	<0.10	USC	0.10	mg/L		13-SEP-14	R2947097
Conductivity	10.2		1.0	umhos/cm		25-SEP-14	R2960891
Fecal Coliforms	<3		3	MPN/100mL		17-SEP-14	R2951258
Mercury (Hg)-Total	<0.000020		0.000020	mg/L	15-SEP-14	15-SEP-14	R2948512
Oil and Grease, Total	<2.0		2.0	mg/L	19-SEP-14	19-SEP-14	R2956402
Total Suspended Solids	<2.0		2.0	mg/L		16-SEP-14	R2950637
pH	6.51		0.10	pH units		19-SEP-14	R2953140
<b>Total Metals by ICP-MS</b>							
Aluminum (Al)-Total	0.0193		0.0050	mg/L	17-SEP-14	17-SEP-14	R2951002
Antimony (Sb)-Total	<0.00020		0.00020	mg/L	17-SEP-14	17-SEP-14	R2951002
Arsenic (As)-Total	<0.00020		0.00020	mg/L	17-SEP-14	17-SEP-14	R2951002
Barium (Ba)-Total	0.00298		0.00020	mg/L	17-SEP-14	17-SEP-14	R2951002
Beryllium (Be)-Total	<0.00020		0.00020	mg/L	17-SEP-14	17-SEP-14	R2951002
Bismuth (Bi)-Total	<0.00020		0.00020	mg/L	17-SEP-14	17-SEP-14	R2951002
Boron (B)-Total	0.012		0.010	mg/L	17-SEP-14	17-SEP-14	R2951002
Cadmium (Cd)-Total	<0.000010		0.000010	mg/L	17-SEP-14	17-SEP-14	R2951002
Calcium (Ca)-Total	0.86		0.10	mg/L	17-SEP-14	17-SEP-14	R2951002
Cesium (Cs)-Total	<0.00010		0.00010	mg/L	17-SEP-14	17-SEP-14	R2951002
Chromium (Cr)-Total	<0.0010		0.0010	mg/L	17-SEP-14	17-SEP-14	R2951002
Cobalt (Co)-Total	<0.00020		0.00020	mg/L	17-SEP-14	17-SEP-14	R2951002
Copper (Cu)-Total	0.00048		0.00020	mg/L	17-SEP-14	17-SEP-14	R2951002
Iron (Fe)-Total	<0.10		0.10	mg/L	17-SEP-14	17-SEP-14	R2951002
Lead (Pb)-Total	<0.000090		0.000090	mg/L	17-SEP-14	17-SEP-14	R2951002
Lithium (Li)-Total	<0.0020		0.0020	mg/L	17-SEP-14	17-SEP-14	R2951002
Magnesium (Mg)-Total	0.305		0.010	mg/L	17-SEP-14	17-SEP-14	R2951002
Manganese (Mn)-Total	0.00335		0.00030	mg/L	17-SEP-14	17-SEP-14	R2951002
Molybdenum (Mo)-Total	<0.00020		0.00020	mg/L	17-SEP-14	17-SEP-14	R2951002
Nickel (Ni)-Total	<0.0020		0.0020	mg/L	17-SEP-14	17-SEP-14	R2951002
Phosphorus (P)-Total	<0.10		0.10	mg/L	17-SEP-14	17-SEP-14	R2951002
Potassium (K)-Total	0.406		0.020	mg/L	17-SEP-14	17-SEP-14	R2951002
Rubidium (Rb)-Total	0.00108		0.00020	mg/L	17-SEP-14	17-SEP-14	R2951002
Selenium (Se)-Total	<0.0010		0.0010	mg/L	17-SEP-14	17-SEP-14	R2951002
Silicon (Si)-Total	0.44		0.10	mg/L	17-SEP-14	17-SEP-14	R2951002
Silver (Ag)-Total	<0.00010		0.00010	mg/L	17-SEP-14	17-SEP-14	R2951002
Sodium (Na)-Total	0.471		0.030	mg/L	17-SEP-14	17-SEP-14	R2951002
Strontium (Sr)-Total	0.00503		0.00010	mg/L	17-SEP-14	17-SEP-14	R2951002
Tellurium (Te)-Total	<0.00020		0.00020	mg/L	17-SEP-14	17-SEP-14	R2951002
Thallium (Tl)-Total	<0.00010		0.00010	mg/L	17-SEP-14	17-SEP-14	R2951002
Thorium (Th)-Total	<0.00010		0.00010	mg/L	17-SEP-14	17-SEP-14	R2951002
Tin (Sn)-Total	<0.00020		0.00020	mg/L	17-SEP-14	17-SEP-14	R2951002
Titanium (Ti)-Total	0.00076		0.00050	mg/L	17-SEP-14	17-SEP-14	R2951002
Tungsten (W)-Total	<0.00010		0.00010	mg/L	17-SEP-14	17-SEP-14	R2951002
Uranium (U)-Total	<0.00010		0.00010	mg/L	17-SEP-14	17-SEP-14	R2951002
Vanadium (V)-Total	<0.00020		0.00020	mg/L	17-SEP-14	17-SEP-14	R2951002
Zinc (Zn)-Total	<0.0020		0.0020	mg/L	17-SEP-14	17-SEP-14	R2951002
Zirconium (Zr)-Total	<0.00040		0.00040	mg/L	17-SEP-14	17-SEP-14	R2951002

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1517320-3 CRA3							
Sampled By: SR/PK on 12-SEP-14 @ 09:30							
Matrix: Water							
<b>Miscellaneous Parameters</b>							
Biochemical Oxygen Demand	<6.0		6.0	mg/L		13-SEP-14	R2951712
Chlorine, Free	<0.10	USC	0.10	mg/L		13-SEP-14	R2947097
Chlorine, Total	<0.10	USC	0.10	mg/L		13-SEP-14	R2947097
Conductivity	9.9		1.0	umhos/cm		25-SEP-14	R2960891
Fecal Coliforms	<3		3	MPN/100mL		17-SEP-14	R2951258
Mercury (Hg)-Total	<0.000020		0.000020	mg/L	15-SEP-14	15-SEP-14	R2948512
Oil and Grease, Total	<2.0		2.0	mg/L	19-SEP-14	19-SEP-14	R2956402
Total Suspended Solids	<2.0		2.0	mg/L		16-SEP-14	R2950637
pH	6.46		0.10	pH units		19-SEP-14	R2953140
<b>Total Metals by ICP-MS</b>							
Aluminum (Al)-Total	0.0199		0.0050	mg/L	17-SEP-14	17-SEP-14	R2951002
Antimony (Sb)-Total	<0.00020		0.00020	mg/L	17-SEP-14	17-SEP-14	R2951002
Arsenic (As)-Total	<0.00020		0.00020	mg/L	17-SEP-14	17-SEP-14	R2951002
Barium (Ba)-Total	0.00296		0.00020	mg/L	17-SEP-14	17-SEP-14	R2951002
Beryllium (Be)-Total	<0.00020		0.00020	mg/L	17-SEP-14	17-SEP-14	R2951002
Bismuth (Bi)-Total	<0.00020		0.00020	mg/L	17-SEP-14	17-SEP-14	R2951002
Boron (B)-Total	<0.010		0.010	mg/L	17-SEP-14	17-SEP-14	R2951002
Cadmium (Cd)-Total	<0.000010		0.000010	mg/L	17-SEP-14	17-SEP-14	R2951002
Calcium (Ca)-Total	0.90		0.10	mg/L	17-SEP-14	17-SEP-14	R2951002
Cesium (Cs)-Total	<0.00010		0.00010	mg/L	17-SEP-14	17-SEP-14	R2951002
Chromium (Cr)-Total	<0.0010		0.0010	mg/L	17-SEP-14	17-SEP-14	R2951002
Cobalt (Co)-Total	<0.00020		0.00020	mg/L	17-SEP-14	17-SEP-14	R2951002
Copper (Cu)-Total	0.00049		0.00020	mg/L	17-SEP-14	17-SEP-14	R2951002
Iron (Fe)-Total	<0.10		0.10	mg/L	17-SEP-14	17-SEP-14	R2951002
Lead (Pb)-Total	<0.000090		0.000090	mg/L	17-SEP-14	17-SEP-14	R2951002
Lithium (Li)-Total	<0.0020		0.0020	mg/L	17-SEP-14	17-SEP-14	R2951002
Magnesium (Mg)-Total	0.296		0.010	mg/L	17-SEP-14	17-SEP-14	R2951002
Manganese (Mn)-Total	0.00273		0.00030	mg/L	17-SEP-14	17-SEP-14	R2951002
Molybdenum (Mo)-Total	<0.00020		0.00020	mg/L	17-SEP-14	17-SEP-14	R2951002
Nickel (Ni)-Total	<0.0020		0.0020	mg/L	17-SEP-14	17-SEP-14	R2951002
Phosphorus (P)-Total	<0.10		0.10	mg/L	17-SEP-14	17-SEP-14	R2951002
Potassium (K)-Total	0.401		0.020	mg/L	17-SEP-14	17-SEP-14	R2951002
Rubidium (Rb)-Total	0.00114		0.00020	mg/L	17-SEP-14	17-SEP-14	R2951002
Selenium (Se)-Total	<0.0010		0.0010	mg/L	17-SEP-14	17-SEP-14	R2951002
Silicon (Si)-Total	0.44		0.10	mg/L	17-SEP-14	17-SEP-14	R2951002
Silver (Ag)-Total	<0.00010		0.00010	mg/L	17-SEP-14	17-SEP-14	R2951002
Sodium (Na)-Total	0.461		0.030	mg/L	17-SEP-14	17-SEP-14	R2951002
Strontium (Sr)-Total	0.00528		0.00010	mg/L	17-SEP-14	17-SEP-14	R2951002
Tellurium (Te)-Total	<0.00020		0.00020	mg/L	17-SEP-14	17-SEP-14	R2951002
Thallium (Tl)-Total	<0.00010		0.00010	mg/L	17-SEP-14	17-SEP-14	R2951002
Thorium (Th)-Total	<0.00010		0.00010	mg/L	17-SEP-14	17-SEP-14	R2951002
Tin (Sn)-Total	<0.00020		0.00020	mg/L	17-SEP-14	17-SEP-14	R2951002
Titanium (Ti)-Total	0.00076		0.00050	mg/L	17-SEP-14	17-SEP-14	R2951002
Tungsten (W)-Total	<0.00010		0.00010	mg/L	17-SEP-14	17-SEP-14	R2951002
Uranium (U)-Total	<0.00010		0.00010	mg/L	17-SEP-14	17-SEP-14	R2951002
Vanadium (V)-Total	<0.00020		0.00020	mg/L	17-SEP-14	17-SEP-14	R2951002
Zinc (Zn)-Total	<0.0020		0.0020	mg/L	17-SEP-14	17-SEP-14	R2951002
Zirconium (Zr)-Total	<0.00040		0.00040	mg/L	17-SEP-14	17-SEP-14	R2951002

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.



## Reference Information

### Sample Parameter Qualifier Key:

Qualifier	Description
MS-B	Matrix Spike recovery could not be accurately calculated due to high analyte background in sample.
USC	Unknown Sample Container. Sample received in container not provided by ALS. Container type appears to be appropriate, but ALS cannot verify its cleanliness or overall suitability for this test.

### Test Method References:

ALS Test Code	Matrix	Test Description	Method Reference**
BOD-WP	Water	Biochemical Oxygen Demand (BOD)	APHA 5210 B
The sample is incubated for 5 days at 20 degrees Celcius. Comparison of dissolved oxygen content at the beginning and end of incubation provides a measure of biochemical oxygen demand. If carbonaceous BOD is requested, TCMP is added to the sample to chemically inhibit nitrogenous oxygen demand. If soluble BOD is requested, the sample is filtered prior to analysis. Surface waters have a DL of 1 mg/L. Effluents are diluted according to their history and will have a sample DL of 6 mg/L or greater, depending on the dilutions used.			
CL2-FREE-WP	Water	Chlorine, Free	APHA 4500-Cl G (modified)
Free chlorine in aqueous matrices is analyzed by colour disc test kit using the DPD colourimetric method.			
CL2-TOTAL-WP	Water	Chlorine, Total	APHA 4500-Cl G (modified)
Total chlorine in aqueous matrices is analyzed by colour disc test kit using the DPD colourimetric method.			
EC-L-WP	Water	Conductivity	APHA 2510B
Conductivity of an aqueous solution refers to its ability to carry an electric current. Conductance of a solution is measured between two spatially fixed and chemically inert electrodes.			
EC-WP	Water	Conductivity	APHA 2510B
Conductivity of an aqueous solution refers to its ability to carry an electric current. Conductance of a solution is measured between two spatially fixed and chemically inert electrodes.			
FC-MPN-WP	Water	Fecal Coliform	APHA 9221E
The Most Probable Number (MPN) method is based on the Multiple Tube Fermentation technique. The results of examination of replicate tubes and dilutions of a sample are reported after confirmations specific to total coliform, fecal coliform and E. coli are performed. Results are reported in MPN/100 mL for water and MPN/gram for food and solid samples.			
HG-T-CVAF-WP	Water	Mercury Total	EPA245.7 V2.0
Mercury in filtered and unfiltered waters is oxidized with Bromine monochloride and analyzed by cold-vapour atomic fluorescence spectrometry.			
MET-T-L-MS-WP	Water	Total Metals by ICP-MS	APHA 3030E/EPA 6020A-TL
This analysis involves preliminary sample treatment by hotblock acid digestion (APHA 3030E). Instrumental analysis is by inductively coupled plasma - mass spectrometry (EPA Method 6020A).			
OGG-TOT-WT	Water	Oil and Grease, Total	APHA 5520 B
Sample is extracted with hexane, extract is then evaporated and the residue is weighed to determine total oil and grease.			
PH-WP	Water	pH	APHA 4500H
The pH of a sample is the determination of the activity of the hydrogen ions by potentiometric measurement using a standard hydrogen electrode and a reference electrode.			
SOLIDS-TOTSUS-LR-WP	Water	Total Suspended Solids	APHA 2540 D (modified)
Total suspended solids in aqueous matrices is determined gravimetrically after drying the residue at 103 to 105°C.			

\*\* ALS test methods may incorporate modifications from specified reference methods to improve performance.

*The last two letters of the above test code(s) indicate the laboratory that performed analytical analysis for that test. Refer to the list below:*

Laboratory Definition Code	Laboratory Location
WT	ALS ENVIRONMENTAL - WATERLOO, ONTARIO, CANADA
WP	ALS ENVIRONMENTAL - WINNIPEG, MANITOBA, CANADA

## Reference Information

### Test Method References:

ALS Test Code	Matrix	Test Description	Method Reference**
---------------	--------	------------------	--------------------

### Chain of Custody Numbers:

### GLOSSARY OF REPORT TERMS

*Surrogates are compounds that are similar in behaviour to target analyte(s), but that do not normally occur in environmental samples. For applicable tests, surrogates are added to samples prior to analysis as a check on recovery. In reports that display the D.L. column, laboratory objectives for surrogates are listed there.*

*mg/kg - milligrams per kilogram based on dry weight of sample*

*mg/kg ww - milligrams per kilogram based on wet weight of sample*

*mg/kg lwt - milligrams per kilogram based on lipid-adjusted weight*

*mg/L - unit of concentration based on volume, parts per million.*

*< - Less than.*

*D.L. - The reporting limit.*

*N/A - Result not available. Refer to qualifier code and definition for explanation.*

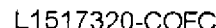
*Test results reported relate only to the samples as received by the laboratory.*

*UNLESS OTHERWISE STATED, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.*

*Analytical results in unsigned test reports with the DRAFT watermark are subject to change, pending final QC review.*



**Canada Toll Free: 1 800 668 9878**



Page 1 of 1

U 517321

[illegible]

REFER TO BACK PAGE FOR ALL LOCATIONS AND SAMPLING INFORMATION

WHITE - LABORATORY COPY      YELLOW - CLIENT COPY

NO 64-0278-108 Filed 01/02/01 October 20

Failure to complete all portions of this form may delay analysis. Please fill in this form LEGIBLY. By the use of this form the user acknowledges and agrees with the Terms and Conditions as specified on the back page of the white - report copy.

1. If any water samples are taken from a **Regulated Drinking Water (DW) System**, please submit using an Authorized DW COC form.



## ***APPENDIX 4***

2014 Wildlife Logs

# Incidental Wildlife Sighting / Sign Form

(please fill in as much information as possible)



NORTH COUNTRY GOLD  
NCG: TSX-V

(space is provided on the reverse for an illustration of the wildlife's location and activity along with additional space for notes and/or a description of the wildlife "sign" observed)

## 1. What was sighted?

a. Species sighted: Caribou  
(see Common Species List on reverse)

b. How many in each group?:

Age		Sex	
<input checked="" type="checkbox"/>	Adult	<input checked="" type="checkbox"/>	Male
<input type="checkbox"/>	Sub-Adult	<input type="checkbox"/>	Female
<input type="checkbox"/>	Yearling / newborn	<input type="checkbox"/>	Unknown
<input type="checkbox"/>	Unknown		

## 2. When was the sighting?

a. Date (MM/DD/YY): throughout 2014 Aug 16 - Sep 12 2014 *field program*

b. Time (exact or approximate):

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Day	Night	Dusk	Dawn

c. Description (e.g. any notes on species, size, color, antlers, etc.): Between 3 and 10 Adult male bull caribou observed on esker surrounding Hayes camp.

d. Behaviour - Please provide a description of the animals' behaviour. What was it / were they doing? How long? etc.

Animals observed in distance grazing / bedded down.

e. Was the individual / group sighted over a period of time? ☒ Yes ☐ No If so, for how long? off and on over 4

f. Was any action taken? ☐ Yes ☒ No If so, what? Animals were not  
disturbed

## 3. Where was the sighting?

Hayes camp vicinity

a. GPS Coordinates: Lat 66°39'35" Long 91°32'18" b. Datum: Lat / Long

c. Was sighting within camp? ☒ Yes ☐ No d. If not, how far from camp boundary? \_\_\_\_\_

e. Please describe the location (e.g. "on hill next to cook's tent"), as well as the direction the wildlife was traveling:

- On periphery of Hayes camp.

- occasionally along sides of Hayes camp airstrip.

- On rocky areas east of Hayes Camp.

## 4. Weather Conditions:

Snowfall	<input checked="" type="checkbox"/> Light	Rainfall	<input checked="" type="checkbox"/> Light
	<input type="checkbox"/> Moderate		<input checked="" type="checkbox"/> Moderate
	<input type="checkbox"/> Heavy		<input type="checkbox"/> Heavy
Wind	<input checked="" type="checkbox"/> Breeze	Sky	<input checked="" type="checkbox"/> Clear Sky
	<input type="checkbox"/> Moderate		<input checked="" type="checkbox"/> Partly Cloudy
	<input type="checkbox"/> Strong		<input checked="" type="checkbox"/> Overcast

Recent Conditions: Variety of conditions  
over period Aug 16 - Sep 12.  
+10°C to -5°C

f. Was a photo taken? ☐ Yes ☒ No

Photo (file) name/number: \_\_\_\_\_

Observed by: Camp crew +  
Simeon Robinson

# Incidental Wildlife Sighting / Sign Form

(please fill in as much information as possible)



NORTH COUNTRY GOLD  
NCG: TSX-V

(space is provided on the reverse for an illustration of the wildlife's location and activity along with additional space for notes and/or a description of the wildlife "sign" observed)

## 1. What was sighted?

a. Species sighted: Caribou  
(see Common Species List on reverse)

b. How many in each group?:

Age		Sex	
<input checked="" type="checkbox"/>	Adult	<input checked="" type="checkbox"/>	Male
<input type="checkbox"/>	Sub-Adult	<input checked="" type="checkbox"/>	Female
<input type="checkbox"/>	Yearling / newborn	<input type="checkbox"/>	Unknown
<input type="checkbox"/>	Unknown		

## 2. When was the sighting?

a. Date (MM/DD/YY): 01-04 Sep 2014

b. Time (exact or approximate): Various

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Day	Night	Dusk	Dawn

c. Description (e.g. any notes on species, size, color, antlers, etc.): A number of lone Caribou (both male = Antlered and female = antlerless) observed in distance, over a couple of days.

d. Behaviour - Please provide a description of the animals' behaviour. What was it / were they doing? How long? etc.  
Animals quietly walking / grazing. Animals always alone (not in group)

e. Was the individual / group sighted over a period of time? ☒ Yes ☐ No If so, for how long? 3-4 days.

f. Was any action taken? ☐ Yes ☒ No If so, what? Animals observed from a distance.

## 3. Where was the sighting?

a. GPS Coordinates: Three Bluffs area  
Lat 66°38'33" Long 91°26'50" b. Datum: Lat / Long

c. Was sighting within camp? ☐ Yes ☒ No d. If not, how far from camp boundary? 5-6 km.

e. Please describe the location (e.g. "on hill next to cook's tent"), as well as the direction the wildlife was traveling:

In area surrounding drillers lay down at the Three Bluffs drilling area.

Animals seen in distance 1-2 km away.

f. Was a photo taken? ☐ Yes ☒ No

Photo (file) name/number: \_\_\_\_\_

## 4. Weather Conditions:

Snowfall	<input type="checkbox"/>	Light	Rainfall	<input type="checkbox"/>	Light
	<input type="checkbox"/>	Moderate		<input type="checkbox"/>	Moderate
	<input type="checkbox"/>	Heavy		<input type="checkbox"/>	Heavy
Wind	<input type="checkbox"/>	Breeze	Sky	<input checked="" type="checkbox"/>	Clear Sky
	<input type="checkbox"/>	Moderate		<input checked="" type="checkbox"/>	Partly Cloudy
	<input type="checkbox"/>	Strong		<input type="checkbox"/>	Overcast

Recent Conditions: Clear skies, sunny  
light winds 5-10°C

Observed by: Sineon Robinson.



## Incidental Wildlife Sighting / Sign Form

(please fill in as much information as possible)

(space is provided on the reverse for an illustration of the wildlife's location and activity along with additional space for notes and/or a description of the wildlife "sign" observed)



### 1. What was sighted?

a. Species sighted: Ptarmigan  
(see Common Species List on reverse)

b. How many in each group?:

Age	Sex
<input checked="" type="checkbox"/> Adult	<input type="checkbox"/> Male
<input type="checkbox"/> Sub-Adult	<input type="checkbox"/> Female
<input type="checkbox"/> Yearling / newborn	<input checked="" type="checkbox"/> Unknown
<input type="checkbox"/> Unknown	

### 2. When was the sighting?

a. Date (MM/DD/YY): 01 Sep 2014

b. Time (exact or approximate): ~1830

<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Day	Night	Dusk	Dawn

c. Description (e.g. any notes on species, size, color, antlers, etc.): Single ptarmigan observed whilst walking from drill grid area back to Hayes camp.

d. Behaviour - Please provide a description of the animals' behaviour. What was it / were they doing? How long? etc.

Animal observed at a distance sitting on a rock.

e. Was the individual / group sighted over a period of time? ☐ Yes ☒ No If so, for how long? \_\_\_\_\_

f. Was any action taken? ☐ Yes ☒ No If so, what? Animal was not disturbed.

### 3. Where was the sighting?

a. GPS Coordinates: Not recorded. b. Datum: \_\_\_\_\_

c. Was sighting within camp? ☐ Yes ☒ No d. If not, how far from camp boundary? ~3km

e. Please describe the location (e.g. "on hill next to cook's tent"), as well as the direction the wildlife was traveling:

At approximately the peak of ridge in a straight line between Hayes camp and Three Bluff drill grid area (boiler)

### 4. Weather Conditions:

Snowfall	<input type="checkbox"/> Light <input type="checkbox"/> Moderate <input type="checkbox"/> Heavy	Rainfall	<input type="checkbox"/> Light <input type="checkbox"/> Moderate <input type="checkbox"/> Heavy
Wind	<input type="checkbox"/> Breeze <input type="checkbox"/> Moderate <input type="checkbox"/> Strong	Sky	<input checked="" type="checkbox"/> Clear Sky <input type="checkbox"/> Partly Cloudy <input type="checkbox"/> Overcast

Recent Conditions: Clear, sunny, light wind ~5-10°C

f. Was a photo taken? ☐ Yes ☒ No

Photo (file) name/number: \_\_\_\_\_

Observed by: Simeon Robinson

# Incidental Wildlife Sighting / Sign Form

(please fill in as much information as possible)



NORTH COUNTRY GOLD  
NCG: TSX-V

(space is provided on the reverse for an illustration of the wildlife's location and activity along with additional space for notes and/or a description of the wildlife "sign" observed)

## 1. What was sighted?

a. Species sighted: Muskox  
(see Common Species List on reverse)

b. How many in each group?:

Age	Sex
<input checked="" type="checkbox"/> Adult	<input type="checkbox"/> Male
<input type="checkbox"/> Sub-Adult	<input type="checkbox"/> Female
<input type="checkbox"/> Yearling / newborn	<input checked="" type="checkbox"/> Unknown
<input type="checkbox"/> Unknown	

## 2. When was the sighting?

a. Date (MM/DD/YY): 6 Sep 2014

b. Time (exact or approximate): 7:11am

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Day	Night	Dusk	Dawn

c. Description (e.g. any notes on species, size, color, antlers, etc.): Animal observed from Helicopter at a distance

d. Behaviour - Please provide a description of the animals' behaviour. What was it / were they doing? How long? etc.

Single lone animal observed walking across tundra adjacent to the Hayes river a number of km east of NCGC pump station.

e. Was the individual / group sighted over a period of time? ☐ Yes ☒ No If so, for how long? \_\_\_\_\_

f. Was any action taken? ☐ Yes ☒ No If so, what? Animal observed from helicopter. Animal avoided and was not disturbed

## 3. Where was the sighting? Couple km east of pump station (Hayes River)

a. GPS Coordinates: Estimate 570,000E / 7391000N b. Datum: NAD 83 zone 15N

c. Was sighting within camp? ☐ Yes ☒ No d. If not, how far from camp boundary? > 10km

e. Please describe the location (e.g. "on hill next to cook's tent"), as well as the direction the wildlife was traveling:

Animal walking / grazing

## 4. Weather Conditions:

Snowfall	<input type="checkbox"/> Light <input type="checkbox"/> Moderate <input type="checkbox"/> Heavy	Rainfall	<input type="checkbox"/> Light <input type="checkbox"/> Moderate <input type="checkbox"/> Heavy
Wind	<input checked="" type="checkbox"/> Breeze <input type="checkbox"/> Moderate <input type="checkbox"/> Strong	Sky	<input type="checkbox"/> Clear Sky <input checked="" type="checkbox"/> Partly Cloudy <input type="checkbox"/> Overcast

Recent Conditions: Fri 5th Sep. Wind, Snow 2-5cm, -2°C to 0°C

f. Was a photo taken? ☐ Yes ☒ No

Photo (file) name/number: \_\_\_\_\_

Observed by: Simeon, Vic