



30 March 2015

Mr. R. Barry
Nunavut Impact Review Board
PO Box 1360
Cambridge Bay, NU X0B 0C0

Dear Mr. Barry

RE: Nanisivik Naval Facility (NNF) Construction 2014 Annual Report

References:

- A. Land Use Permit N2014N0020***
- B. Water Use Licence 8BC-NNF1418***
- C. NIRB 09DN018***

Defence Construction Canada on behalf of the Department of National Defence is providing the following annual report, which summarizes the activities in 2014 and outlines the planned activities for 2015.

Summary of 2014 Activities

The NNF construction contract was awarded to Almiq Contracting Ltd. 26 June 2014. During the 2014 field season the contractor was able to mobilize a construction camp and equipment to site, as well as install the camp, garage, explosives cache and telecommunications equipment. The explosives cache is divided into 3 separate locations and inspected weekly with GPS confirmation, the inspections are carried out by a resident of Arctic Bay employed by the contractor.

Since the construction contract was awarded the contractor has undertaken two community consultations with the Hamlet of Arctic Bay (meeting with Arctic Bay Council 27 Nov 2014 and a public meeting session, 24 Mar 2015).

Work Plan for 2015

The proposed work plan for the 2015 season includes:

- Quarry start-up and installation
- Civil works (placement of aggregates) for access roads
- Possible construction of Naval Distillate tank bases
- Possible quarry closing and remediation
- Mobilization of material for tanks and for tank farm system

- Demolition and concrete repair works on the wharf
- Installation of the geotechnical monitoring equipment, winterize equipment and camp

Compliance with NIRB Terms and Conditions

The NNF project has endeavoured to comply with all terms and conditions required by authorizing bodies and applicable Acts, Regulations and Guidelines.

- All camp fuel was stored using adequate secondary containment located more than 30 m from any water body. Appropriate spill response equipment was readily available, and fuel was routinely inspected by properly trained personnel.
- No damage to wildlife habitat or harassment of wildlife occurred. All project personnel were trained in wildlife protective measures. There has been no disturbance or destruction to nests or eggs of any birds.
- All aircraft flight restrictions have been adhered to.
- There has been no disturbance to Caribou and muskox.
- During 2014, no aggregate was produced from the quarry, no dust suppression was required and there was no sediment deposited into any water body.
- The construction camp was erected on a prepared gravel pad (see attached map for camp location), and there is no camp, equipment or material stored on the surface of lakes or streams.
- At the conclusion of the 2014 field season all garbage was removed from site.
- The project activities did not interfere with Inuit wildlife harvesting or traditional land use activities.

We trust the information provided is sufficient for your records. Please feel free to contact the undersigned if you have any questions or comments.

Sincerely,



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cc. Rodney Watson, NNF DND Project Manager, RODNEY.WATSON@forces.gc.ca
Louis Lemay, Technical Specialist, Project Management, louis.lemay@dcc-cdc.gc.ca
Brian Gallant, Coordinator, Construction Services, Brian.Gallant@dcc-cdc.gc.ca
Richard Martin, Almiq Project Manager, rmartin@lavalfortin.com
Stephanie Bouchard-Dallaire, Almiq Coordinator, Estimation & Construction Dept., sbdallaire@lamiq.com

Figure 1. Almiq Construction Camp – Nanisivik Naval Facility Construction Project



Figure 2. Almiq Telecommunication Equipment - Nanisivik Naval Facility Construction Project



Figure 3. Almiq Garage - Nanisivik Naval Facility Construction Project



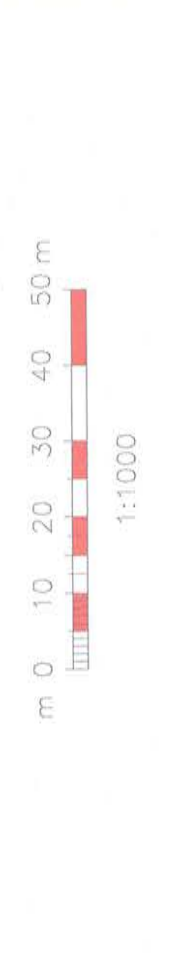
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- NOTES:**
- UP AND BASE PLAN DATA WAS PROVIDED BY THE DEPARTMENT OF NATIONAL DEFENCE, BASED ON A TOPOGRAPHIC SURVEY CONDUCTED BY SFG HYDRO INTERNATIONAL WITH CHALLENGER GEOMATICS INC. IN 2008.
 - SURVEY CONTROL AND SUPPLEMENTAL TOPOGRAPHIC DATA WERE PROVIDED BY UNDERHILL GEOMATICS LTD. CONDUCTED BETWEEN JULY 27 AND AUGUST 1, 2010. FOR DETAILS, REFER TO UNDERHILL SURVEY REPORT V01015, DATED AUGUST 1, 2010. THE SURVEY WAS CONDUCTED IN THE AREA OF THE WHARF, BECK, SHEDLINE EAST AND WEST OF THE WHARF, EXPOSED PORTION OF OLD STORAGE SHED SLAB AND SEVERAL POTENTIAL BORROW PIT SITES.
 - SOUNDING SURVEY WAS CONDUCTED BY WORLEYPARSONS ON JULY 20, 2010, USING AN CHMEX SONAR/EMTECH SONAR WITH RTK GNSS RECEIVER AND TRIMBLE TS22 FIELD DATA COLLECTOR.
 - COORDINATE SYSTEM IS NAD83, UTM ZONE 18.
 - ALL ELEVATIONS ARE TO HYDROGRAPHIC CHART DATUM. CHART DATUM IS 1.75M BELOW GEODETIC DATUM (CGSD85 GEOD. MODEL).

- LEGEND:**
- BOREHOLE LOCATIONS - STANTEC, 09/2010, 09/2011.
 - ▲ SURVEY MONUMENT
 - SURFACE DRAINAGE



1	2014/03/24	RE-ISSUED FOR TENDER	P.H.
0	2013/12/08	ISSUED FOR TENDER	P.H.
E	2013/10/03	ISSUED FOR CUSTOMER REVIEW	P.H.
D	2013/08/16	ISSUED FOR INFORMATION	P.H.
C	2013/07/20	ISSUED FOR INTERNAL REVIEW	P.H.
B	2012/08/31	ISSUED FOR CUSTOMER REVIEW	P.H.
A	2012/08/09	ISSUED FOR INTERNAL REVIEW	P.H.
NO.	DATE	REVISION	APPR.

SCALE | ÉCHELLE
SHOWN

LOCATION | EMPLACEMENT

NANISIVIK
NUNAVUT

PROJECT | PROJET
NANISIVIK NAVAL FACILITY (NNF)

TRADE | MÉTIER
CIVIL (6)

DATE
2012/06/02

SUBJECT | SUJET

SITE INFRASTRUCTURE
GENERAL
CIVIL
KEY PLAN

PRODUCTION	DESIGNED ÉTUDE	DESIGNED AGENT CONC
	D.B.H.	N/A
	DRAWN DESSINÉ	PROJ MGR GÉST PROJ
	M.R.W.	N.M.W.
	CHECKED VÉRIFIÉ	DES MGR GÉST CONC
	N/A	N/A
	COORDINATION	FIRE INCENDIE
	T.B.	N/A

DWG. NO. | No. DESSIN
C-N143-1216/03.02- 61-602

PF NUMBER | No DP
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Canada

