

Marc Losier <marc@mosher.ca>

Tue, Aug 12, 2014 at 5:59 AM

To: Heather Rasmussen <hrrasmussen@nirb.ca>

Cc: Phyllis Beaulieu <phyllis.beaulieu@nwb-oen.ca>, Cory Zyla <cory.zyla@nwb-oen.ca>, "Duguay, Brian" <BDuguay@gov.nu.ca>

Hi Heather,

Can you provide a status? Are you still on track?

Regards,

Marc Losier, G.S.C.

Project Manager

Mosher Engineering Limited/Inukshuk Construction Limited

Tel: (902) 429-0272

Fax: (902) 429-7762

From: Duguay, Brian [mailto:BDuguay@GOV.NU.CA]

Sent: Thursday, August 07, 2014 6:07 PM

To: 'Marc Losier'

Cc: Ansari, Mohammed; 'Brian George' (bgeorge@williamsengineering.com); 'Jaime Goddard' (jgoddard@williamsengineering.com); 'Sheldon Burry' (site@mosher.ca); Gupta, Anil

Subject: RE: Hydrostatic NIRB 14UN030 - Inukshuk Construction's "Petroleum Systems Upgrade - Coral Harbour"

Marc please advise on your progress.

> ΔΔΔ^o ρ̇

Brian Duguay

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Nunalinni Gavamakkunillu Pigitsiraqtikkut

Nunavuumi Gavamakkut

A/Regional Projects Manager, Kivalliq Region

Community and Government Services

Government of Nunavut

Gestionnaire de projet régional par intérim, région de Kivalliq

Ministère des Services communautaires et
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 bduquay@gov.nu.ca

Marc.

If all goes well, NIRB will issue their decision (approval) August 22, 2014. Following their issuance, NWB will then be able to issue your hydrostatic permit. Please contact NWB to see how soon afterward your hydrostatic permit can be issued, and kindly advise whether this date is conducive to your hydrostatic testing.

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Brian Duguay

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Nunalinni Gayamakkunillu Piqitsiraotikkut

Nunavumi Gavamakkut

A/Regional Projects Manager, Kivalliq Region

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From: Marc Losier [<mailto:marc@mosher.ca>]
Sent: August-01-14 10:34 AM
To: Duguay, Brian
Subject: FW: NIRB 14UN030 - Inukshuk Construction's "Petroleum Systems Upgrade - Coral Harbour"

Hi Brian,

As discussed, please see email below.

Marc Losier, G.S.C.

Project Manager

Mosher Engineering Limited/Inukshuk Construction Limited

Tel: (902) 429-0272

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From: Marc Losier [<mailto:marc@mosher.ca>]
Sent: Friday, August 01, 2014 8:45 AM
To: Brian George
Cc: 'Jaime Goddard'; 'Enamul Haque (EHaque@GOV.NU.CA)'; Sheldon Burry (site@mosher.ca); 'Shawn Saunders'; 'Dave Mosher'
Subject: FW: NIRB 14UN030 - Inukshuk Construction's "Petroleum Systems Upgrade - Coral Harbour"

Hi Brian,

We have an issue with the water permit. At the moment it does not look like we will have a water permit until the end of August.

The delay has been caused by the Nunavut Planning Corporation (NPC) who took too long to review.

The following is an history of the process:

2013-12-18: Applied for water permit without license to NWB

2014-01-07: NWB Advised that the application for permit without license is not conformed and a type B application must be done

2014-02-13: General water licence application (type B) submitted to NWB

2014-02-18: NWB sent the application to the Nunavut Planning commission and NIRB for conformity review

2014-04-07: NIRB awaiting conformity from NPC

2014-04-08: NWB confirmed they sent the application to NPC

2014-07-07: NPC confirmed positive conformity

2014-07-11: NIRB Required more information from ICL

2014-07-14: ICL submitted the missing information

2014-07-23: NIRB issued request for comments to all applicable government agencies and municipalities potentially affected but the project requesting answer by Aug 13th.

Next step:

- If no negative comments are received, NIRB will issue an conformity approval letter to NWB: ETA Aug 19th
- NWB will issue a permit. The time to do the water permit will depend how busy the review technician is.

With this delay in the water permit, we will not be able to hydrostatic test tank no. 9 before the sealift.

We are asking if the hydrostatic testing can be waived and perform NDE as per API 650 section 7.3.5.2 instead.

The following is section in question extracted from API 650 Twelfth Edition:

7.3.5 Testing of the Shell

After the entire tank and roof structure is completed, the shell (except for the shell of tanks designed in accordance with Annex F) shall be tested by one of the following methods, as specified on the Data Sheet, Line 14.

1) If water is available for testing the shell, the tank shall be filled with water as follows: (1) to the maximum design liquid level, H ; (2) for a tank with a tight roof, to 50 mm (2 in.) above the weld connecting the roof plate or compression bar to the top angle or shell; (3) to a level lower than that specified in Subitem 1 or 2 when restricted by overflows, an internal floating roof, or other freeboard by agreement between the Purchaser and the Manufacturer, or 4) to a level of seawater producing a bottom of shell hoop stress equal to that produced by a full-height fresh water test. The tank shall be inspected frequently during the filling operation, and any welded joints above the test-water level shall be examined in accordance with Item 2 below. This test shall be conducted before permanent external piping is connected to the tank. Attachments to the shell defined in 5.8.1.1, located at least 1 m (3 ft) above the water level, and roof appurtenances may be welded during the filling of the tank. After completion of the hydro-test, only non-structural small attachments may be welded to the tank in accordance with 7.2.1.11.

2) 2) If sufficient water to fill the tank is not available, the tank may be tested by (1) painting all of the joints on the inside with a highly penetrating oil, such as automobile spring oil, and carefully examining the outside of the joints for leakage; (2) applying vacuum to either side of the joints or applying internal air pressure as specified for the roof test in 7.3.7 and carefully examining the joints for leakage; or (3) using any combination of the methods stipulated in 7.3.5, Subitems 1 and 2.

Please review and comment.

We can discuss at the meeting today.

Regards,

Marc Losier, G.S.C.

Project Manager

Mosher Engineering Limited/Inukshuk Construction Limited

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