

Phyllis Beaulieu <phyllis.beaulieu@nwb-oen.ca>

Fwd: 3BM-REP0409

1 message

To: Phyllis Beaulieu <phyllis.beaulieu@nwb-oen.ca> Sun, Dec 14, 2014 at 1:13 PM

Hi Phyllis,

Please ensure this email chain and associated documents are placed in the 3BM-REP0409 folder, as they contain material that is referenced in the Licence Renewal.

The documents are related to the Solid Waste Facility in Repulse Bay.

Thanks,



Brady MacCarl, MSc->5△∩ Lbbsc

Technical Advisor- Conseiller Technique

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www.nwb-oen.ca

P.O. Box 119 Gjoa Haven, NU, X0B 1J0

C.P. 119 Gjoa Haven (Nunavut), X0B 1J0 በበናዔዔልሢ 119 Þ'2°3°, ۵0° XOB 1JO

Titigaqaqvia 119 Ughiqting, NU, X0B 1J0

Tel / Téléphone / / < > C / Hivayauta: (867) 360-6338 | Fax / Télécopieur / / b = dc / Fax-kut: (867) 360-6369

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--- Forwarded message ---

From: Lusty, Megan <MLusty@gov.nu.ca>

Date: Fri, Dec 12, 2014 at 4:03 PM Subject: RE: 3BM-REP0409

To: Brady MacCarl brady.maccarl@nwb-oen.ca

Hi Brady,

I have not been able to find out why the existing Solid Waste Site (north of the community) was not part of the application for the old Licence since it appears to have been constructed around the same time that Licence was issued. While the proper procedures were not followed in getting NWB approval prior to commissioning a new site, the old Solid Waste Site referenced in the Licence has been abandoned and is not in use any more. The Licensee requests that the existing Solid Waste Site is included on the renewed Water Licence and commits to working towards compliance of this site.

As outlined in the Dec. 5, 2015 Plan for Compliance, the O&M Plan for the Solid Waste Site will be submitted to the NWB within six months of issuance of a new Licence.

As committed in my Dec. 5, 2014 letter to you, the old solid waste site will be visited during the summer of 2015 and the condition of the abandoned site will be assessed. Additional cover material will be placed as needed, and an update will be included with the 2015 Annual Report.

Some work was done at the Solid Waste Site in 2008 to improve the site, including the construction of a new fence. Please see the attached drawing.

Please contact me if you have any further questions/concerns.

Thanks,

Megan

Megan Lusty, EIT

Municipal Planning Engineer-In-Training Community and Government Services Kivalliq Region, Government of Nunavut P.O. Box 490, Rankin Inlet, NU, XOC 0G0

Phone: (867) 645-8176 Fax: (867) 645-8196 Email: mlusty@gov.nu.ca

From: Lusty, Megan

Sent: December-12-14 3:10 PM

To: 'Brady MacCarl'

Subject: RE: 3BM-REP0409

Hi Brady,

The Solid Waste Site licenced under Licence No. 3BM-REP0409 is the old solid waste site that has not been used since approximately 2003/2004. This site was 1.4 km east of the community and is in the vicinity of the current sewage drop-off point. The current Solid Waste Site is 2.7 km north of the community. Please find attached the report I referenced on the phone which describes the location of the current Solid Waste Site, as well as provides the original design drawings for the sites. As noted, the site was not constructed as designed. There are not any as-built drawings for this facility.

I have to run to a meeting so I will follow-up later this afternoon with more specifics on the history of the Solid Waste Site, but wanted to get this to you as soon as possible.

Regards,

Megan

Megan Lusty, EIT

Municipal Planning Engineer-In-Training Community and Government Services Kivalliq Region, Government of Nunavut P.O. Box 490, Rankin Inlet, NU, XOC 0G0

Phone: (867) 645-8176 Fax: (867) 645-8196 Email: mlusty@gov.nu.ca

From: Brady MacCarl [mailto:brady.maccarl@nwb-oen.ca]

Sent: December-12-14 12:41 PM

To: Lusty, Megan **Subject:** 3BM-REP0409

Good morning Megan,

I'm working on the REP0409 Licence Renewal, and have encountered another issue.

There seems to be some confusion regarding the Solid Waste Disposal Facility.

The original licence NWB3REP0409 states the following about a Solid Waste Disposal Facility on-site:

Inline image 1

Which would lead one to believe that the Solid Waste Disposal Facility was included under the scope of the original licence.

However, The Interim O&M Plan (2006), GN-CGS submitted with this Renewal Application states:



Also included in the Renewal Application, Shah Alam states,

Solid waste facility wasn't included in the original Water Licence NWB-3REP 0409, issued in 2003 (sic 2004). Later, a Solid Waste Facility including a Landfill area was developed in 2004 which consists of two main components:

- (i) Diversion consisting of:
- Wood pile
- Bulk metals disposal area
- Hazardous waste storage area
- (ii) Landfill

An Amendment #1 3BM-REP 0409 Licence issued by the Board in Sep 27, 2007

The facility was designed and constructed as a natural attenuation landfill. It does not have a liner, so contaminants are able to reach from the water and enter the natural environment. In order to protect the environment, the facility is designed to divert as much waste as possible from landfilling. This is especially important for hazardous wastes such as batteries, waste oil, waste antifreeze, and other materials that could harm the environment if landfilled.

Firstly, the Amendment#1 issued by the Board in September 27, 2007 was for (erroneously as you uncovered) a landfarm. However this does not appear to be what Shah is referring to. It appears Shah has copied the description of the landfill from Section 2.1 of the Interim O&M Plan (2006), referring to the Solid Waste Management facility.

Considering that the Solid Waste Facility was constructed in 2003 (Interim O&M Plan), the Licence was issued in 2004 (NWB3REP0409), the Interim Plan (2006) and Shah Alam (2014) both state that the Solid Waste Facility is not included in the original licence, I am just trying to figure out whether the original Licence is referring to a solid waste site that existed previously, and a new site was built after the considerations of this licence, or if the original licence indeed refers to the site built in 2003, as referenced by the Interim O&M Plan and Shah.

This is all a bit difficult to assess without construction reports and as-built drawings on record, and the ability to to visit the site. It is worth noting that a report entitled Repulse Bay Sewage Treatment and Solid Waste Repulse Bay (2002), and the original Application Form (2003) reference the need for a new facility and indicate that one is to be built.

If you can help clarify the chronology of the Solid Waste Disposal facility, I can return to writing the licence. It will also be useful to clear up this issue now as a history of the site will be required in an Solid Waste Facility O&M Plan which will need to be submitted by the Licensee upon the issuance of a new licence.

Regards,



Brady MacCarl, MSc->5△∩ Lbb5c

Technical Advisor- Conseiller Technique 人 」 るっといっています。 Ab でいる Piluagnagtuliginigmun Ikayuqti

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P.O. Box 119 Gjoa Haven, NU, X0B 1J0

C.P. 119 Gjoa Haven (Nunaviit), X0B 1J0

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Titigaqaqvia 119 Ughiqting, NU, X0B 1J0

Tel / Téléphone / ぺぺ⊁ÞĆ / Hivayauta: (867) 360-6338 | Fax / Télécopieur / ぺЬ⊀⁰ d° / Fax-kut: (867) 360-6369

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2 attachments



Report on Design Review, Upgrades and Operation Plan for the Solid Waste Disposal Facility, Repulse Bay_February 2007 (1).pdf 2278K