



NWB Tools

Megan Porter <megan.porter@nwb-oen.ca>

RE: 1BR-CIL1217

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

Wed, Oct 8, 2014 at 10:11 AM

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

Cc: Megan Porter <megan.porter@nwb-oen.ca>, "Ansari, Mohammed" <MAnsari@gov.nu.ca>

Hi Brady,

In response to the outstanding issues you raised:

- 1) The contaminated soil was only sampled upon entering the landfarm. The soil was not tilled in 2013 and no additional samples were taken. Sampling will take place as per Part J, Item 8 of the Licence during the summer of 2015 and in future years.
- 2) There were no surface water samples taken in 2013. Sampling will take place if a sheen is apparent on surface water adjacent to the landfarm during the summer of 2015 and in future years.
- 3) The QA/QC Plan was submitted on September 24, 2014 to the NWB. Receipt of this of this plan was confirmed by Megan Porter on September 30, 2014. Please see the attached emails.

Regards,

Megan

Megan Lusty, EIT

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From: Brady MacCarl [mailto:brady.maccarl@nwb-oen.ca]
Sent: October-08-14 9:51 AM
To: Lusty, Megan
Cc: Megan Porter
Subject: 1BR-CIL1217

Megan,

Thank you for the submission of the 2012 and 2013 annual reports regarding licence 1BR-CIL1217. Both of the reports conform to licence requirements in most respects.

2012 Annual Report:

- It is recognized that no soil or water quality monitoring occurred nor results submitted as the land farm was not yet commissioned.

2013 Annual Report:

- It is recognized that no apparent effluent was discharged from the landfarm, and as such sampling did not occur at CIL-1. Also, it is recognized that no groundwater wells were installed by the licensee--as they were not required--and as such sampling at CIL-2, CIL-3 and CIL-4 became redundant.

- It is recognized that multiple exceedances were recorded of BTEX and F1 in the soil samples. As such, it is understood that remediation of the soil will continue contamination concentrations are within CCME guidelines.

- It is recognized that the following concerns raised by the Board in September, 2013, have since been satisfactorily addressed by GN and/or Stantec:

Part E, Item 3: The Licensee shall provide to the Board, within ninety (90) days of completion of the construction of all respective design drawings and construction reports, including all as-built drawings, documentation of field decisions that deviate from original plans and any data used to support these decisions. These plans and drawings shall be stamped by and engineer.

The status of the Landfarm that the construction/operation was approved under the Licence is unknown as no 2012 Annual Report was submitted.

Part H, Item 2: The Licensee shall, within six (6) months of the issuance of

the Licence, submit to the Board for review, an Addendum to the Spill

Contingency Plan;

Outstanding issues:

Although most of the Board's concerns were addressed by GN, clarification is requested on the following issues presented in the 2013 Annual Report:

1. Pursuant to Part J, Item 3 of the Licence, the licensee is required to sample the landfarm at least twice per annum, once immediately following the spring thaw and then again just before the ground freezes in the fall. Even in the licensee's own O&M plan (Submitted 2012/05/01) it is indicated:

"Field testing will be completed on samples taken once a month, during the snow free season, immediately after the contaminated soil is turned. This will be a good indicator of the progress of the remediation."

In the 2013 Annual Report, however, it appears that soil sampling occurred once (June 28/29). The licensee is requested to elaborate on why additional sampling did not occur.

2. The Annual Report states that no effluent was discharged from the landfarm and therefore no water quality analysis was provided. This is recognized and understood. However, section 2.5 of the licensee's O&M plan indicates that surface water near the site will be checked monthly until freeze up. As such, did no pooling of water and/or other instances of water accumulation occur in the surrounding vicinity of the landfarm during the summer months? If so, please indicate why sampling was not necessary.

3. The Annual Report acknowledged that a QA/QC plan was not submitted in 2013. However, part J, Item 11, of the original licence states:

The Licensee shall, within six (6) months following issuance of the Licence, submit to the Board a Quality Assurance/Quality Control (QA/QC) Plan for inclusion with the O&M Plan required under Part E, Item 2.

Indeed, as demonstrated in the attached email correspondence the Board has requested several times that this addendum to the O&M plan be submitted.

It is therefore asked that the licensee elaborate on the status of the QA/QC report, and provide a timeline for its submission so that the Board can then proceed on processing the amendment request.

Please feel free to contact me if you have any questions or concerns. [867-360-6338 Ext. 31](tel:867-360-6338)

Kind regards,



Brady MacCarl- >ᑕᐱᐅ ᐱᓄᐱᓄᐱ

Technical Advisor - Conseiller Technique

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