



NWB Tools

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

Fwd: 1BR-GLA0815 followup

1 message

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

Wed, Sep 2, 2015 at 11:12 AM

----- Forwarded message -----

From: **Van Dyck, Tamara** <Tamara.VanDyck@dcc-cdc.gc.ca>
Date: Wed, Sep 2, 2015 at 11:05 AM
Subject: RE: 1BR-GLA0815 followup
To: Brady MacCarl <brady.maccarl@nwb-oen.ca>
Cc: "Laura.D'Costa@forces.gc.ca" <Laura.D'Costa@forces.gc.ca>

Hi Brady,

Sorry to take so long getting back to you.

The CAM-2 contaminated soil that exceeded the 5000 ppm threshold was excavated to the compacted base of the Landfarm Facility; the excavated contaminated soil was then placed into the on-site Tier II Facility. Thus no additional sampling was required for this location.

I have attached the *DLCU Landfarm Summary and Guide for Soil Use 12-04*; please note the relevant highlighted areas on page 5 and page 8 of this document.

Should you have any additional questions or require further information please do not hesitate to contact me.

Regards,

Tamara

Tamara Van Dyck B.Sc.

Coordinator, Environmental Services / Coordinateur, services environnementaux

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From: Brady MacCarl [mailto:brady.maccarl@nwb-oen.ca]
Sent: Tuesday, August 18, 2015 4:52 PM
To: Van Dyck, Tamara
Subject: 1BR-GLA0815 followup

Hi Tamara,

I have reviewed the documents you submitted for 1BR-GLA0815. Generally, they address the outstanding licence conditions from the past decade, and I hope to use the documents to recommend a longer licence term for the undertaking.

Before drafting the licence, however, I would appreciate if you could clarify one item from the *CAM-2, Gladman Point DEW Line Site Monitoring Plan – Addendum*. The document summarizes the decommissioning of the landfarm, and describes the evaluation protocol as follows:

“The current landfarm evaluation protocol follows a stratified random sampling approach, with statistical analysis of results obtained from an accredited southern laboratory. The protocol aims to characterize the average concentration and distribution of TPH in the landfarm soil, and have been accepted for evaluating compliance with the Environmental Agreement (DGE, 1998). Under the 2005 protocol, in order for the landfarm to be recommended for closure; the Upper 95% Confidence Limit (UCL) of the mean of all results are required to be below 2500 ppm with no individual sample result exceeding 5000 ppm. Statistical analysis to determine the UCL was performed using Pro UCL Statistical Analysis Software (USEPA, 2005).”

The document then indicates that one sample from the second round of landfarm sampling exceeded the 5000 ppm threshold. Upon further analysis, it does not appear that Round 3 or Round 4 sampling investigated the same area as Round 2, and thus it is not clear if this exceedance was investigated further.

Can you elaborate if any means were taken to excavate, remediate or cover (in addition to the standard 0.3 m of cover already applied) this area in question?

Thanks Tamara.

Regards,



Brady MacCarl, MSc- ᐃᑦᑲᑦᑲᑦ ᐃᑦᑲᑦᑲᑦ

Technical Advisor - Conseiller Technique

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DLCU Landfarm Summary and Guide for Soil Use 12-04.pdf

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