

Regarding Approval LA10054N
NE 10-009-27-W4

Groundwater Monitoring Requirements

The purpose of this statement is to revise the groundwater monitoring requirements in Approval, LA10054N. Operating condition number 3 of Approval LA10054N reads:

“The owner/operator shall conduct leak detection monitoring for the earthen manure storage, according to a groundwater monitoring system prescribed and authorized in writing, and as amended from time to time where appropriate, by the NRCB.”

The NRCB has re-assessed the groundwater monitoring requirements, using results from an environmental risk screening conducted on November 6, 2009 for this facility.

Based on the risk screening result, the NRCB has determined that the groundwater monitoring requirements for this facility should be amended as follows:

Monitoring Frequency

Leak detection monitoring requirements are suspended.

Monitoring Well Test Parameters

Not applicable, as monitoring has been suspended.

Monitoring Wells to be used for Monitoring

Not applicable, as monitoring has been suspended.

The results of the risk screening exercise indicated the catch basin has a low potential to impact the uppermost groundwater resource. The catch basin facility has over 20 meters of clay till underlying the bottom of the facility and above the uppermost groundwater resource. The nearest water well is over 100 meters away and is up slope. Given the geologic materials under the facility and the distance to the closest water well, it is unlikely that the groundwater quality would be impacted by this facility.

Note that the installation of new water wells in the area surrounding the CFO may impact the potential risk to groundwater quality at a facility and therefore may require monitoring requirements to be revised. To ensure that monitoring requirements are appropriate, CFO operators should inform the NRCB of any new water wells that are being developed or installed in the area surrounding their facility.

The integrity of all monitoring wells must be maintained. Any damaged or destroyed wells must be reported to the NRCB and may be required to be repaired or replaced.

These monitoring requirements become effective on the date of this letter and supersede any previously issued monitoring requirements at this facility.

Date: March 11, 2011

Signed:

(Original Signed)

Karl Ivarson
Approval Officer