



Regarding Approval RA06017F
S½ 5-42-11 W4M

Groundwater Monitoring Requirements

The purpose of this statement is to revise the groundwater monitoring requirements in Approval RA06017F. Operating Condition #2 of Approval RA06017F reads:

“The permit holder shall monitor groundwater from leakage detection wells in order to detect leakage from the liquid manure storage facility, according to leakage detection requirements prescribed by the NRCB in writing. The NRCB may revise those requirements from time to time, in writing.”

The NRCB has re-assessed the groundwater monitoring requirements, using results from a Leak Detection Monitoring Review Report conducted on October 2, 2019 for this facility.

Based on the report, the NRCB has determined that the groundwater monitoring requirements for the earthen liquid manure storage should be amended as follows:

Monitoring Frequency

Annual testing to be conducted in June with the results reported by September 30. The sampling and reporting must be collected and prepared by a qualified third party professional

Monitoring Well Test Parameters

Groundwater samples from the monitoring wells are to be tested for the indicator parameters identified in the Technical Guideline Agdex 096-52: Leak Detection Groundwater Monitoring Parameters

Monitoring Wells to be used for Monitoring

All monitoring wells installed around the liquid manure storage 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.

May 1, 2020

(Original Signed)
Francisco Echegaray, P.Ag.
Approval Officer