

Regarding Approval LA022023  
NW 8-24-18 W4M, SW 17-24-18 W4M, & SE 18-24-18 W4M

### **Leakage Detection System Reporting**

The purpose of this statement is to revise the leakage detection monitoring requirements in Approval LA22023. Condition #7 of Approval LA22023 reads:

“All leak detection monitoring wells around the EMS south, located south of the converted hog barns, shall be sampled and analyzed annually. Test results shall be submitted to the NRCB no later than January 31 of each year unless otherwise directed in writing by the NRCB.”

The NRCB has re-assessed the groundwater monitoring requirements, using results from an environmental risk screening conducted on May 24, 2022 for this facility.

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

#### **Monitoring Frequency**

Monitoring requirements are suspended.

#### **Monitoring Well Test Parameters**

N/A

#### **Monitoring Wells to be used for Monitoring**

N/A

The results of the risk screening exercise indicate that this facility has a low potential to impact the uppermost groundwater resource. Although the hog EMS liner construction method, the liner thickness and the liner hydraulic conductivity are all unknown, there are several meters of protective soil material are located between the bottom of the hog EMS and the uppermost groundwater resource. There are also no wells within 100 m of 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: June 3, 2022

Signed:

(original signed)  
Carina Weisbach  
Approval Officer