



**NRCB**

Natural Resources  
Conservation Board

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Regarding Approval LA23050  
Sec. 31-14-26 W4M

### **Leak Detection Monitoring Requirements**

The purpose of this statement is to outline the leak detection monitoring requirements in Approval LA23050. Operating Condition #32 of Approval LA23050 reads:

***“The permit holder shall visually inspect the manure storage tank sump annually. If any liquid is observed in the manure storage tank sump, the permit holder shall collect a sample and send the liquid for analysis following the parameters outlined in LA23050 Leak Detection Monitoring Requirements. The NRCB may, based on the monitoring results and at its discretion, revise those requirements from time to time, in writing.”***

The NRCB has determined that the leak detection monitoring requirements for this facility should be as follows:

#### **Monitoring frequency**

Visually inspect the sump annually. If liquid is observed in the sump, a sample must be collected and sent to an accredited laboratory for analysis. Visual observations and applicable test results must be submitted to the NRCB by June 30 of each year.

#### **Leak detection monitoring parameters**

The “Indicator Parameters” as outline in Agdex 096-52 (*Leak Detection Monitoring Parameters*). These include:

- Ammonium-nitrogen, chloride, nitrate-nitrogen, nitrite-nitrogen, potassium, total dissolved phosphorous, pH, and electrical conductivity.

#### **Manure storage tank sump for monitoring**

Manure storage tank sump beside the above ground manure storage tank.

These monitoring requirements become effective on the date of this letter.

January 28, 2025

Kelsey Peddle  
Approval Officer