



**NRCB**

Natural Resources  
Conservation Board

#100, 5401 1<sup>st</sup> Ave South  
Lethbridge AB T1J 4V6

Regarding Approval LA22045  
NW 16-009-25 W4M

### **Water Well Monitoring Requirements**

The purpose of this statement is to outline the water well monitoring requirements in Approval LA22045. Operating Condition #3 of Approval LA22045 reads:

*“The permit holder shall sample and test raw groundwater from water well #256433, according to water well monitoring requirements prescribed by the NRCB in writing. The NRCB may, based on the monitoring results and at its discretion, revise those requirements from time to time, in writing.”*

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

#### **Monitoring Frequency**

Annually, with results submitted to the NRCB by June 30 of each year

#### **Water Well Test Parameters**

Chlorides and nitrates

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

WW ID # 256433

Because of the proposed manure collection area (MCA)'s proximity to water well 256433, there is a conflict with a regulation under AOPA, which prohibits the construction of MCAs within 100 metres of water wells. However, the regulation allows approval officers to grant an exemption from this prohibition. I must therefore consider whether an exemption is appropriate in this instance.

Based on the environmental risk screening results completed in 2023, I determined that an exemption from the 100 metre setback to the water well is warranted on the condition that the permit holder must test the well water annually. See Appendix C and D in Decision Summary LA22045.

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

May 25, 2023

(Original signed)  
Cailyn Wilson, PAg  
Approval Officer