



THE PROVINCE OF ALBERTA  
AGRICULTURAL OPERATION PRACTICES ACT  
NATURAL RESOURCES CONSERVATION BOARD

In consideration of Decision Report RA05042, Registration RA05042 is issued to:

Name: Agco Agricultural Consulting Ltd. (operating as Gwynne Vista Farms)  
(hereinafter referred to as 'applicant' or 'operator')  
Address: RR 2, Gwynne, Alberta, T0C 1L0  
Contact Person: Keith and Earl Rasmuson  
Phone No: Fax No:

The operator is to adhere to and follow the requirements of the Agricultural Operation Practices Act and the regulations passed pursuant to that Act, as amended, from time to time. For each instance where the applicant has committed to higher standards than required by AOPA, these commitments have been included as conditions.

The operator is to adhere to the descriptions contained in the filed application and the decision report together with the site plan, building plans, operating plan, manure management plan, engineering reports and other attached documents, unless otherwise noted in the following conditions. The applicant or operator is responsible for all costs associated with monitoring, sampling, testing, recording and reporting requirements.

Registration RA05042 and its conditions replace the deemed registration for this site.  
Registration RA05042 is subject to the following conditions:

**Construction Conditions**

Permitted Construction (based on the submitted site plan):

- farrowing barn (30' × 64') (9.1 m × 19.5 m)

1. Concrete Manure Storage - Floors and Gutters
  - a. The concrete joints in the under barn pits must be sealed by a method indicated in the NRCB's technical guideline for Concrete Manure Liner's. The NRCB must be notified of the chosen method, prior to construction.
2. Construction Completion
  - a. Construction must be completed by November 30, 2006.
3. Inspections
  - a. The manure storage portion of the barn must be inspected by NRCB personnel prior to animals or manure being placed in the new barn.
  - b. The applicant must provide the Approval Officer a minimum of 10 working days notice prior to the applicant's desired completion inspection.

**Ongoing Conditions**

4. Earthen Manure Storage (EMS) Leakage Detection System Installation
  - a. The leakage detection system plan outlined by Mr. Stein must be carried out by a qualified professional no later than July 31, 2006. Results of this drilling must be

- submitted to the NRCB once drilling and monitoring well installation, if any, are completed.
5. Earthen Manure Storage (EMS) Leakage Detection System Reporting
    - a. Leakage detection well results must be submitted to the NRCB in report format until such time as the NRCB adjusts the monitoring frequency, test parameters and/or report contents. All reports (comprehensive and/or indicator) must include, but will not be limited to:
      - Background information – site description, soil logs, diagrams
      - Water level elevations
      - Elevation of liquid manure in the EMS at the time of water sampling
      - Dates when the EMS was emptied
      - Inspection of the surface well casing for its integrity
      - Explanation of the water sampling collection technique
      - Field and laboratory work
      - Discussion and explanation of the results including a trend analysis
      - Recommendations
    - b. An Indicator report must be done 12 months after the wells are installed and every 12 months thereafter. The Indicator report must include laboratory analysis of the indicator parameters outlined in the latest version of the NRCB technical guideline ‘Leak Detection and CFOs’.

This Registration becomes effective immediately. The Registration conditions will remain in effect unless amended by the NRCB.

November 7, 2005

(original signed)

Scott Cunningham, P. Eng.  
Approval Officer

Under Section 22(4) of the Agricultural Operation Practices Act, you have the right to request that the Natural Resources Conservation Board (the Board) review this decision. If you wish to have this decision reviewed by the Board, please submit the attached Request for Board Review which must be received by the Natural Resources Conservation Board by fax or mail on or before November 28, 2005.