

## **SUMMARY OF COMMENTS/RECOMMENDATIONS**

**PROPONENT:** Town of Carman  
**PROPOSAL NAME:** Wastewater Treatment Lagoon Upgrading  
**CLASS OF DEVELOPMENT:** 2  
**TYPE OF DEVELOPMENT:** Wastewater Treatment Lagoon  
**CLIENT FILE NO.:** 56.30

### **OVERVIEW:**

On January 20, 1999, the Department received a Proposal on behalf of the Town of Carman to re-construct its wastewater treatment lagoon to control seepage from the facility. The wastewater treatment lagoon is located on Sections 29 and 30-13-4 WPM. The effluent discharge route will not change.

The Proposal indicated that the wastewater treatment lagoon cells will be lined using a combination of a sand-bentonite cutoff and a natural layer of underlying clay.

The Department, on March 4, 1999, placed copies of the Proposal in the Public Registries located at 123 Main St. (Union Station); the Centennial Public Library and the South Central Regional Library and provided copies of the Proposal to the Interdepartmental Planning Board and TAC members. As well, the Department placed a public notification of the Proposal in the Carman Valley Leader on March 8, 1999. The newspaper and TAC notification invited responses until April 3, 1999.

### **COMMENTS FROM THE PUBLIC:**

- No responses were received to the public notification.

### **COMMENTS FROM THE TECHNICAL ADVISORY COMMITTEE:**

#### **Highways**

- *No comment.*

#### **Natural Resources**

- *Prior to final design and construction it is suggested that the proponent consult with the DNR regional wildlife manager regarding timing the construction to avoid the primary nesting and rearing season, and possible design considerations to enhance or discourage future use of the facility by migrating or nesting waterfowl.*
- *Consideration should be given to the installation of piezometers prior to construction to determine whether the upgrade has had the desired effect.*

Disposition:

- The proponent will be asked to consult with the DNR regional wildlife manager regarding timing the construction to avoid the primary nesting and rearing season, and possible design considerations to enhance or discourage future use of the facility by migrating or nesting waterfowl.
- The draft Licence includes a plan for the installation of piezometers.

#### **Historic Resources**

- *No concerns.*

#### **Health**

- *Monitoring would be important to identify that the problem has indeed been corrected.*

Disposition:

- The draft Licence includes two checks on the installation of an effective liner:
  - the post construction testing of the hydraulic conductivity of the sand-bentonite liner and insitu clay layer; and
  - the installation of piezometers.

#### **Rural Development**

- *No comments.*

#### **Environment-Operations Division**

- *No comments.*

#### **Environment-Water Quality Management**

- *No comments.*

#### **Canadian Environmental Assessment Agency**

- *The application of the Canadian Environmental Assessment Act with respect to this proposal will not be required.*

#### **PUBLIC HEARING:**

A public hearing is not required.

#### **RECOMMENDATION:**

A Licence should be issued in accordance with the attached draft. Enforcement of the Licence should be assigned to the Approvals Branch until the liner testing has been completed.

PREPARED BY:

Town of Carman  
Wastewater Treatment Lagoon  
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