

SUMMARY OF COMMENTS/RECOMMENDATIONS

PROPONENT: Village of Binscarth
PROPOSAL NAME: Binscarth Wastewater Treatment Lagoon
CLASS OF DEVELOPMENT: 2
TYPE OF DEVELOPMENT: Waste/Scrap Wastewater Treatment Lagoon
CLIENT FILE NO.: 121.10

OVERVIEW:

On April 30, 2002, the Department received a Proposal from Stantec Consulting Ltd. on behalf of the Village of Binscarth for a Development to upgrade, expand and operate the existing Binscarth wastewater treatment lagoon. The lagoon facility is located within the northwest quarter of Section 10-19-28 WPM. The proposed alterations include the lining of the existing two-cell lagoon with a minimum one metre of clay and the construction of an additional clay-lined secondary cell. Treated wastewater will be discharged twice annually between June 15 and November 1 to the intermittent waterway, Silver Creek, which discharges to the Assiniboine River approximately 10 kilometres southwest of the lagoon.

The Department, on May 13, 2002, placed copies of the Proposal in the Public Registries located at 123 Main St. (Union Station), the Centennial Public Library, the Dauphin Public Library and the Rural Municipality of Russell Office. As well, copies of the Proposal were provided to the Interdepartmental Planning Board and TAC members. The Department placed a public notification of the Proposal in the Russell Banner on Tuesday, May 21, 2002. The newspaper and TAC notification invited responses until June 14, 2002.

COMMENTS FROM THE PUBLIC:

No comments were received from the Public.

COMMENTS FROM THE TECHNICAL ADVISORY COMMITTEE:

Agriculture and Food

- *No comment.*

Conservation - Sustainable Resource Management

- *The proposal does not include a drainage map clearly identifying the discharge route and receiving streams.*

- *What negative impact is the current lagoon having on surface water and how will the new facility mitigate these negative impacts?*
- *There is no receiving stream flow data for Silver Creek.*
- *To protect potential fisheries and other aquatic resources, a discharge date not earlier than June 15 is recommended.*
- *The proposal does not provide a management plan for the disposal of the sludge that will be removed from the lagoon cells prior to construction of the new clay liner.*
- *The proponent should be required to actively participate in any future watershed based management study, plan or nutrient reduction program, approved by the Director, for Silver Creek, Assiniboine River and associated waterways and watersheds.*

Disposition:

- The proponent provided a drainage map which shows the drainage route of the treated effluent.
- The proponent indicated that the existing lagoon does not contain the influent. The upgraded facility will be constructed with a clay liner and will hold and treat the wastewater prior to discharge.
- The proponent indicated that Silver Creek is an intermittent stream and is dry at times depending upon the weather and time of year.
- The attached draft Licence prohibits effluent discharge prior to June 15 of any year.
- The attached draft Licence requires that a sludge management plan be submitted and approval of the Director received.
- The attached draft Licence requires that the proponent participate in any approved watershed-based management study for Silver Creek, the Assiniboine River and associated waterways and watersheds.

Culture, Heritage and Tourism - Historic Resources

- *No concerns.*

Health

- *The need for fencing, gates and warning signs should be included in the licence.*
- *Consideration should be given to including the odour nuisance clause in the licence.*
- *Discharge of effluent should be in compliance with established Manitoba guidelines.*
- *Containment design (clay liner) should provide the best possible groundwater protection.*
- *Leachate monitoring should be required.*

Disposition:

- The attached draft Licence includes requirements for fencing, effluent discharge criteria and liner construction and testing requirements.
- The draft Licence does not require leachate monitoring.

Transportation and Government Services

- *No concerns.*

Intergovernmental Affairs

- *No comment.*

Canadian Environmental Assessment Agency

- *Application of The Canadian Environmental Assessment Act with respect to this proposal will be required. The coordinating contact is Mr. Pat McGarry, PFRA, Agriculture Canada, on behalf of Western Economic Diversification.*

PUBLIC HEARING:

A public hearing is not recommended.

RECOMMENDATION:

The Proponent should be issued a Licence for the expansion and operation of the wastewater treatment lagoon in accordance with the specifications, terms and conditions of the attached draft Licence. Enforcement of the Licence should be assigned to the Approvals Branch until the soil testing has been completed.

PREPARED BY:

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August 7, 2002

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