

SUMMARY OF COMMENTS/RECOMMENDATIONS

PROPONENT: Rural Municipality of Alexander:
Applicant
PROPOSAL NAME: St. Georges Wastewater Treatment
Lagoon
CLASS OF DEVELOPMENT: 2
TYPE OF DEVELOPMENT: Wastewater Treatment Lagoon
CLIENT FILE NO.: 4248.00

OVERVIEW:

On February 6, 1997, the Department received a Proposal on behalf of the Rural Municipality of Alexander to construct and operate a new 2-cell wastewater treatment lagoon. The Proponent proposes to locate the lagoon on west half of Section 17-18-10 EPM. The Proponent indicated that treated wastewater will be discharged between June 15 and November 1 of each year into a drainage ditch which flows north along Provincial Road No. 304 into the Winnipeg River.

The Proposal and supporting documentation prepared by J. R. Cousin Consultants Ltd., identified the in situ soil conditions as clay soils suitable to achieve the provincial permeability requirements for wastewater treatment lagoons.

The Department, on April 30, 1997, placed copies of the Proposal in the Public Registries located at 123 Main St. (Union Station); the Centennial Public Library and the Bibliotheque Allard (Library), St. George Community Centre 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 Pine Falls Voice on Wednesday, April 30, 1997. The newspaper and TAC notification invited responses until May 23, 1997.

COMMENTS FROM THE PUBLIC:

No public responses were received.

COMMENTS FROM THE TECHNICAL ADVISORY COMMITTEE:

Highways

- *No concerns.*

Natural Resources

- *No concerns.*

Historic Resources

- *No concerns.*

Health

- *No concerns.*

Rural Development

- *No concerns.*

Environment-Operations Division

- *Provision should be made to accommodate sewage dumping from recreational vehicles.*
- *The loading calculations appear to be fairly conservative and should provide for an adequate margin of safety for both current and future development.*
- *The use of a clay cutoff in the centre of the berm will help to prevent weather cracking of the clay liner. However to provide maximum protection, filling the cells from a surface supply would be prudent if possible. Another option might be seeding over the entire area to hold moisture until the cells can be filled with wastewater.*

Disposition:

- The Proponent has indicated that a sewage dumping facility may be added. A requirement has not been included in the Licence for a sewage dumping station for recreational vehicles because servicing of recreational vehicles is not the purpose of the wastewater treatment lagoon. It would be more appropriate to make developments such as campgrounds provide sewage dumping stations. The sewage from these facilities could then be hauled to the wastewater treatment lagoons.
- The draft Licence includes a requirement to fill and maintain liquid levels in the cells of the wastewater treatment lagoon. Seeding and growing grass on the base of lagoon cells would not prevent drying of the clay soil.

Environment-Water Quality Management

- *No concerns provided that a June 15 discharge date is specified in the Licence. There is adequate dilution such that unacceptable impacts would not be expected in the Winnipeg River.*

Canadian Environmental Assessment Agency

- *CEAA has indicated that application of The Canadian Environmental Assessment Act with respect to this proposal will not be required. Health Canada indicated that*

there is an interest in the project and that it would like to participate in the provincial review.

PUBLIC HEARING:

A public hearing is not required.

RECOMMENDATION:

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

PREPARED BY:

Mike Van Den Bosch, P. Eng.
Environmental Engineer
Municipal & Industrial Approvals
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Telephone: (204) 945-7015
Fax: (204) 945-5229
E-mail Address: mike_van_den_bosch@environment.gov.mb.ca