

SUMMARY OF COMMENTS/RECOMMENDATIONS

PROPOSER: MR. PHILIP M. KALTA, P. ENG
PROPOSAL NAME: CITY OF STEINBACH
CLASS OF DEVELOPMENT: 2
TYPE OF DEVELOPMENT: WASTE/SCRAP - BIOSOLIDS REMOVAL
CLIENT FILE NO.: 4806.00

OVERVIEW:

On May 31, 2002, Manitoba Conservation received a Proposal dated May 23, 2002 from AXYS Agronomics on behalf of The City of Steinbach to apply biosolids removed from the City of Steinbach wastewater treatment lagoon, located within Section 8-7-6 EPM. The biosolids will be removed from the lagoon, transported in enclosed tanks to farmland, and injected into the soil. The proposed injection of biosolids will be applied to approximately 194 hectares (480 acres) of the S½ of 17-7-6 EPM and the E½ of 8-7-6 EPM in the Rural Municipality of Hanover, owned by the City of Steinbach. If required, biosolids will also be applied to lands located at NW 9-7-6 EPM and SW 16-7-6 EPM and owned by Doerksen Poultry Farms Ltd. and Twin Creek Broiler Farms Ltd. respectively. Soil sampling and biosolids application is scheduled for September 2002.

No public concern was received in response to the advertisement of this proposal in the Steinbach Carillon published on Monday June 17, 2002. The proposal was placed in the Public Registries at the Centennial Public Library, the Jake Epp Public Library and the Conservation Library (Main). The proposal was distributed to TAC on June 2, 2002, with the closing date for TAC and Public comments on July 15, 2002.

COMMENTS FROM THE PUBLIC:

No public responses were received.

COMMENTS FROM THE TECHNICAL ADVISORY COMMITTEE:

Culture, Heritage and Recreation - Historic Resources has no concern with regard to its potential impact on heritage resources.

Manitoba Transportation & Government Services state they have no concerns regarding this proposal

Sustainable Resource Management provided the following comments/concerns:

- If the fields not owned by the City of Steinbach are required for application of biosolids, signed agreements for accepting biosolids between the City of Steinbach and the registered landowners should be provided.

- Sufficient soil sampling and analysis of the fields subject to application of biosolids should be carried out prior to future application of agricultural manure or fertilizer on these fields. Testing should ensure that the concentration of nitrate nitrogen within the top 0.6 metre of soil does not exceed 157.1 kg/ha.
- All the fields for biosolids application have tributaries of the Manning Canal running through them. It would be preferable to select alternative sites farther from watercourses. If the proposed sites are used the setback distances should be 30 metres rather than 15 metres prescribed for a first order drain. Setback distances to watercourses should be applied to the high water mark of the watercourse or to the nearest bank, whichever is further from the watercourse.
- Appropriate setbacks should be established around sand or gravel areas encountered in the fields.
- Potential odour problems could exist during the removal of biosolids from the lagoon and their subsequent land application. The proponent should provide information on what mitigation measures will be taken to prevent an odour nuisance situation and the distance to the nearest receptors to the lagoon and lands where the biosolids will be applied.

Disposition:

The comments/concerns have been forwarded to the proponent for response. Concerns are addressed in the draft licence.

PUBLIC HEARING:

No public hearing will be conducted.

RECOMMENDATION:

TAC concerns are addressed in the draft licence.

The responsibility for enforcement of the Licence should remain with Approvals Branch until the proponent complies with Clauses 4, 5, 6, 14, 18, and 20.

A draft Environment Act Licence is attached for the Director's consideration.

PREPARED BY:

K. W. Plews P.Ag
Manager
Pesticide/Fertilizer Approvals
July 23, 2002

Telephone: (204) 945-7067
Fax: (204) 945-5229
E-mail Address: kplews@gov.mb.ca