

SUMMARY OF COMMENTS/RECOMMENDATIONS

PROPOSER: Penner Waste Inc.
PROPOSAL NAME: Construction and Demolition Waste Recycling and Composting Facility
CLASS OF DEVELOPMENT: 1
TYPE OF DEVELOPMENT: Bulk Materials Handling Facility
CLIENT FILE NO.: 5539.00

OVERVIEW:

On September 13, 2011, Manitoba Conservation received a Proposal for the construction and operation of a construction & demolition waste recycling facility and composting facility at SW 22-3-4 WPM in the Rural Municipality of Stanley. The facility will produce recycled material from construction and demolition waste products such as lumber, shingles, and cardboard and will produce compost from food waste, drywall, straw, tree mulch, yard trimmings, and leaves.

The Department, on October 11, 2011, placed copies of the Proposal in the Public Registries located at 123 Main St. (Union Station), the Winnipeg Public Library, the Manitoba Eco-Network, the Millennium Public Library, and the South Central Regional Library in Morden. Copies of the Proposal were also provided to the Technical Advisory Committee (TAC) members. A notice of the Environment Act proposal was also placed in the Morden Times on October 13, 2011. The newspaper and TAC notifications invited responses until November 14, 2011.

COMMENTS FROM THE PUBLIC:

There were no comments received from the public.

Disposition:

No action needed.

COMMENTS FROM THE TECHNICAL ADVISORY COMMITTEE:

Canadian Environmental Assessment Agency

No concerns.

Disposition:

No action needed.

Manitoba Infrastructure and Transportation (MIT) – Highway Planning and Design Branch

The following comments were provided:

- The proponent shall ensure all proposed access and service roads that require access onto a provincial road are reviewed to conform to Department standards. All proposed access roads onto a provincial road or highway, as well as any structures within 125 ft or any planting within 50ft from the edge of the right of way of any provincial road or highway will require permit approvals from Manitoba Infrastructure and Transportation. For information on permitting requirements, please contact Mr. Kevin Nimchuk, A/Access Management Technologist, at (204) 471-4511 or by email at Kevin.Nimchuk@gov.mb.ca
- Traffic volumes generated by the proponent will be monitored to ensure that the volumes do not exceed 200 vehicles per day (vpd) or 50 vpd making left turn movements on intersections involving a provincial road or highway. If these traffic volumes are exceeded, intersection improvements are warranted. The proponent shall be responsible for these intersection improvements. For more information, you may contact Mr. Wes Turk, Regional Planning Technologist, at (204) 239-3181 or (204) 871-2239.
- Existing drainage patterns onto ditches of provincial roads and highways are to be maintained. All affected slopes, ditches, etc. will be restored to acceptable conditions. For more information, you may contact Mr. Wes Turk.

Disposition:

This information is provided to the proponent by way of this summary report. No further action needed.

Manitoba Conservation – Air Quality Section

The following comments were provided:

- Particulate emissions will be generated in the grinding and bagging processes. With reference to the manufacturer's website (Rotochopper), it is optional for the equipment to have dust hood. Would dust hood be provided for the grinding equipment to control particulate matter emission?
 - *The proponent responded that the Rotochopper will be equipped with a water injection system to control dust emissions and that this method is superior to the dust hood.*
- Asbestos may be present in the waste shingles and may be entrained on the dust generated in the recycling process. How would the proponent manage asbestos containing shingles?
 - *The proponent responded that there are very small amounts of asbestos containing shingles remaining in the waste stream, and that they would not accept any asbestos containing shingles at the Development.*

- Odour may be generated generally in spring because the desired temperature (during the thermophilic stage of composting) cannot be attained or maintained. Also, the occurrence of anaerobic decomposition should be prevented to minimize odour generation.
- Noise nuisance may be a concern in the recycling process. Studies suggest that grinders (Rotochoppers) may generate noise levels exceeding 100 dbA. The operation should comply with the Manitoba Guidelines for Sound Pollution or the Ontario Sound Level Limits for Stationary Sources.

Disposition

Clause 22 of the Draft Environment Act Licence requires that a water injection system be used for dust control on the Rotochopper, Clause 23 prohibits the proponent from accepting asbestos containing shingles at the Development, and Clauses 12 and 13 address noise and odour, respectively. Clause 29 also requires a detailed compost monitoring program to help reduce the possibility of odour generation.

Manitoba Conservation – Environmental Operations

The following comments were provided:

- Overall it looks like a positive development that will provide a needed service.
- *4.6. Environmental Impacts and 4.7 Management Practice:* are there plans to monitor/control mice and other vermin that will be attracted to the food waste they plan to compost? The proposal discusses plans to control odour (in *4.6.1.1*) from the compost piles but doesn't address the possibility that mice & other vermin may be interested in the food waste. The licence should require a pest control program.
- *4.6.5 Surface & Groundwater and 4.7.1, Facility Management Practices:* the proposal describes plans to install 5 monitoring wells (*4.6.5*) and indicates that monitoring will include obtaining samples from monitoring wells (*4.7.1*). The licence should specify a monitoring schedule (e.g. annual) with a sampling event to occur before the composting operation begins. Attached is a suggested list of groundwater monitoring parameters.
- *5 Contingency Planning:* the licence should include the standard clause requiring an Emergency Contingency Plan

Disposition

Clause 10 of the draft Environment Act Licence requires a pest control program, clause 15 requires a groundwater monitoring program, and clause 37 requires an emergency response plan.

Manitoba Conservation – Land Programs Branch

No concerns.

Disposition

No action needed.

Manitoba Conservation – Sustainable Resource & Policy Management Branch

No concerns.

Disposition

No action needed.

Manitoba Conservation – Wildlife & Ecosystem Protection Branch

No concerns.

Disposition

No action needed.

Manitoba Conservation – Parks and Natural Areas Branch

No concerns.

Disposition

No action needed.

Manitoba Water Stewardship

The following comments were provided:

- Manitoba Water Stewardship requests clarification for the following concerns:
 - The proponent is requested to provide the location, relative to the proposed Development, of the nearest public or semi-public water system which uses groundwater as a water source.
 - The Proposal notes that run-off and leachate water generated on site will be aerobically treated in retention ponds, which will be lined with compacted clay material to Manitoba Conservation’s standard of impermeability. The Proposal also notes monitoring wells will be drilled on site and tested periodically to determine if groundwater is being impacted by facility operation. Based upon this, the Proposal notes that risk of impacts to groundwater are considered “minimal.” The Proposal does not specifically note the location of the closest water system which uses ground water as a source of potable water.

- Erosion and sediment control measures should be implemented until all of the sites have stabilized.
- *The Water Rights Act* requires a person to obtain a valid licence to control water or construct, establish or maintain any “water control works.” “Water control works” are defined as any dyke, dam, surface or subsurface drain, drainage, improved natural waterway, canal, tunnel, bridge, culvert borehole or contrivance for carrying or conducting water, that temporarily or permanently alters or may alter the flow or level of water, including but not limited to water in a water body, by any means, including drainage, OR changes or may change the location or direction of flow of water, including but not limited to water in a water body, by any means, including drainage. If a proposal advocates any of the aforementioned activities, a person is required to submit an application for a Water Rights Licence to Construct Water Control Works. A person may contact the following Water Resource Officer to obtain an application and/or obtain information.
 - A contact person is Mr. Geoff Reimer C.E.T., Senior Water Resource Officer, Water Control Works and Drainage Licensing, Manitoba Water Stewardship, Box 4558, Stonewall, Manitoba R0C 2Z0, telephone: (204) 467-4450, email: geoff.reimer@gov.mb.ca.

Disposition:

The proponent has responded satisfactorily to the requests for additional information and is made aware of Manitoba Water Stewardships general comments by way of this Summary Report.

PUBLIC HEARING:

A public hearing is not recommended.

CROWN-ABORIGINAL CONSULTATION

It has been determined that Crown-Aboriginal consultation is not required for this project as it will be constructed on privately owned land currently in agricultural production and there are not expected to be any off property impacts.

RECOMMENDATION:

The Proponent should be issued a Licence for the construction and operation of a construction and demolition waste recycling facility and composting facility in accordance with the specifications, terms and conditions of the attached draft Licence. Enforcement of the Licence should be assigned to the Environmental Operations Branch of Manitoba Conservation.

A draft environment act licence is attached for the Director's consideration.

Prepared by:

Ryan Coulter, M.Sc., P.Eng.
Environmental Engineer
Municipal, Industrial, and Hazardous Waste Section
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Telephone: (204) 945-7023
Fax: (204) 945-5229
E-mail Address: ryan.coulter@gov.mb.ca