

The attached material can be placed in the public registries for the above project

Public Comments on the Environment Act Proposal: No public comments were received during the public comment period.

No.	Technical Advisory Committee Member	Response Provided	Date Received
1	Canadian Environmental Assessment Agency	No response	
2	Manitoba Agriculture – Land Use Branch	No response	
3	Manitoba Sustainable Development –		
	<ul style="list-style-type: none"> • Compliance and Enforcement Branch • Climate Change and Air Quality Branch • Wildlife and Fisheries Branch • Parks and Protected Spaces Branch • Forestry Branch • Indigenous Relations Branch • Lands Branch • Water Quality Management Section • Groundwater Management Section • Office of Drinking • Water Use Licensing Section • Water Control Works Licensing Section • Regional Services Branch 	<p>No concerns</p> <p>No response</p> <p>No concerns</p> <p>No concerns</p> <p>No response</p> <p>No response</p> <p>No concerns</p> <p>Yes</p> <p>No response</p> <p>No concerns</p> <p>No concerns</p> <p>Yes</p> <p>No response</p>	<p>September 14, 2016</p> <p>September 27, 2016</p> <p>October 3, 2016</p> <p>October 17, 2016</p> <p>October 14, 2016</p> <p>October 11, 2016</p> <p>September 8, 2016</p> <p>September 9, 2016</p>
4	Manitoba Sport, Culture, and Heritage – Heritage Branch	Yes	September 21, 2016
5	Manitoba Growth, Enterprise and Trade –		
	<ul style="list-style-type: none"> • Energy Development Branch • Petroleum Branch • Office of Fire Commissioner • Work Place Safety & Health 	<p>No response</p> <p>No response</p> <p>No response</p> <p>No response</p>	
6	Manitoba Infrastructure –		
	<ul style="list-style-type: none"> • Highway Planning and Design Branch 	No concerns	October 12, 2016
7	Manitoba Indigenous and Municipal Relations	No concerns	September 9, 2016
8	Manitoba Health, Seniors and Active Living – Environmental Health Unit	No concerns	September 13, 2016

Dey, Asit (SD)

From: Matthews, Rob (SD)
Sent: September-08-16 3:51 PM
To: Dey, Asit (SD)
Subject: RE: Request for review/comment - Melita Biosolids/WWTL File: 108.20

Categories: Take Action

No concerns.

Rob Matthews, Manager, WULS

Dey, Asit (SD)

From: Roberts, Dan (SD)
Sent: September-09-16 11:02 AM
To: Dey, Asit (SD)
Subject: Request for review/comment - Melita Biosolids/WWTL File: 108.20
Attachments: Application for Licence to Construct Water Control Works.pdf
Categories: Take Action

Any water control works (drains, culverts, dykes, dams, etc.) associated with this project will require licensing under the *Water Rights Act* – an application is attached for the proponent’s convenience. Any inquiries in this regard may be directed to the local *Water Resource Officer*. Their contact information may be found at:

http://www.gov.mb.ca/conservation/waterstewardship/licensing/pdf/officer_areas_of_focus_30mar2015.pdf

Sincerely,

Dan Roberts

Water Resource Officer
Water Control Works and Drainage Licensing Section
Department of Sustainable Development
Box 6000, Building #1180, 75 - 7th Avenue,
Gimli, MB R0C 1B0

Dey, Asit (SD)

From: Andersen, Peter (MMG)
Sent: September-09-16 1:27 PM
To: Dey, Asit (SD)
Subject: RE: Request for review/comment - Melita Bio-solids/WWTL File: 108.20

Categories: Take Action

Asit;
Please be advised that this office has reviewed the above referenced Environment Act Proposal and advise that we have no concerns at this time provided the bio-solids from Melita's WWTF are removed from the facility and thereafter spread on agricultural lands in Two Borders Municipality in a manner consistent with all applicable provincial regulatory and setback requirements.

Cheers,

Peter Andersen, M.Sc. MCIP
Community Planner
Community and Regional Planning Branch
UNIT 1B - 2010 Currie Blvd,
Brandon, Manitoba R7B 4E7

Phone: (204) 726-7414
Fax: (204) 726-7499



INDIGENOUS AND MUNICIPAL RELATIONS

Dey, Asit (SD)

From: Frykoda, Amy (HSAL)
Sent: September-13-16 6:44 PM
To: Dey, Asit (SD)
Subject: FW: Request for review/comment - Melita Biosolids/WWTL File: 108.20

Categories: Take Action

No further comments,

Dr. Amy Frykoda, MD, CCFP, MSc

Medical Officer of Health

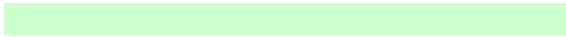
Manitoba Health

P.O. Box 960

Minnedosa, Manitoba R0J 1E0

[.mb.ca](#)

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Dey, Asit (SD)

From: Fagan, Paul (SD)
Sent: September-14-16 9:14 AM
To: Dey, Asit (SD)
Subject: FW: Request for review/comment - Melita Biosolids/WWTL File: 108.20

Categories: Take Action

Manitoba Sustainable Development – Environmental Compliance and Enforcement has reviewed the above mentioned proposal and has no concerns at this time.

Paul Fagan B.Sc.

Environment Officer - Western
Manitoba Sustainable Development - Environmental
Compliance and Enforcement
1129 Queens Ave.
Brandon, MB. R7A 1L9
(204) 726-6167
<mailto:Paul.Fagan@gov.mb.ca>

DATE: 2016-09-21

TO: **Asit DEY**
Environmental Engineer
Sustainable Development
123 Main Street,
Winnipeg, Manitoba
R3C 4V9

CC: Suyoko TSUKAMOTO
Impact Assessment Archaeologist
Historic Resources Branch

FROM: **Holly COTE**
Municipal Heritage Consultant
Historic Resources Branch
Main Floor – 213 Notre Dame Avenue
Winnipeg, Manitoba
R3B 1N3

PHONE NO: (204) 945-7259
FAX: (204) 948-2384
E-MAIL: Holly.Cote@gov.mb.ca

SUBJECT: **Request for review/comment – RM Melita Biosolids/WWTL File: 108.20**
HRB FILE: AAS-16-11005

In response to your e-mail regarding the above-noted EAP, the Historic Resources Branch has reviewed the document and found that the provisions addressing heritage resources is insufficient for this draft.

While the potential to impact significant heritage resources was deemed low in this area, the Historic Resources Branch must be immediately contacted if an archaeological site is encountered during development. In addition to the provision concerning the possibility of encountering heritage sites, the plan should contain an outline of the appropriate measures to mitigate those impacts upon such an encounter.

If at any time heritage resources are encountered in association with these lands during development, the Historic Resources Branch may require that an acceptable heritage resource management strategy be implemented by the developer to mitigate the affects of development on the heritage resources.

If you have any questions or comments, please feel free to contact as above.

Holly Cote

Dey, Asit (SD)

From: Kiss, Brian (SD)
Sent: September-27-16 11:00 AM
To: Dey, Asit (SD)
Subject: RE: Request for review/comment - Melita Biosolids/WWTL File: 108.20

Categories: Take Action

No wildlife related concerns.

-Brian Kiss

Dey, Asit (SD)

From: +WPG1212 - Parks Circulars (SD)
Sent: October-03-16 10:53 AM
To: Dey, Asit (SD)
Subject: RE: Request for review/comment - Melita Biosolids/WWTL File: 108.20

Categories: Take Action

Parks and Protected Spaces Branch has reviewed the proposal submitted pursuant to *The Environment Act* and has no comments or concerns to offer as it does not affect any provincial parks, park reserves, ecological reserves, areas of special interest or proposed protected areas.

Dey, Asit (SD)

From: Drimes, Daniel (SD)
Sent: October-11-16 2:29 PM
To: Dey, Asit (SD)
Subject: RE: Request for review/comment - Melita Biosolids/WWTL File: 108.20

Categories: Take Action

Hi Asit,

The ODW has no concerns with the above-noted EAP with respect to drinking water safety.

Regards,

Daniel Drimes, C.E.T.
Approvals Technologist, Office of Drinking Water
Department of Sustainable Development
1007 Century St.
Winnipeg, MB, R3H 0W4

The Earth is Our Mother, Treat her With Respect. Paper is trees.

Manitoba



Infrastructure

Highway Planning and Design Branch
Environmental Services Section
1420 – 215 Garry St., Winnipeg, MB R3C 3P3
T (204) 619-4359 F (204) 945-0593

October 12, 2016

Tracey Braun, M. Sc.
Director, Environmental Approvals Branch
Manitoba Sustainable Development
123 Main St., Suite 160
Winnipeg, MB R3C 1A5

RE: Melita Biosolids/WWTL
Client File No. 108.20

Dear Ms. Braun:

Manitoba Infrastructure (MI) has reviewed the proposal under the *Environment Act* noted above and we do not have any concern with the proposed development.

Thank you very much for providing us the opportunity to review the proposal.

Sincerely,

A handwritten signature in blue ink, appearing to read "R. Coulter", is written over a light blue horizontal line.

Ryan Coulter, M. Sc., P. Eng.
Manager of Environmental Services

DATE: October 14, 2016

Memorandum

TO: Asit Dey
Environmental Approvals Branch
160-123 Main Street, Winnipeg,
MB
R3C 1A5

FROM: Joy Kennedy
Water Quality Management Section
Water Science and Management Branch
160-123 Main Street, Winnipeg, MB
R3C 1A5

Cc Elaine Page
Brian Weibe

TELEPHONE: 945-7908
FACSIMILE: 948-2357
EMAIL: joy.kennedy@gov.mb.ca

**SUBJECT: ENVIRONMENT ACT PROPOSAL FILE: 108.20 TOWN OF MELITA
BIOSOLIDS LAND APPLICATION**

- In the proposal, Appendix B, Table 11 – Application Rate Calculation Worksheet, the proponent has used Olsen phosphorous values (7.69 and 1.89). For biosolids, application rates need to be calculated based on total phosphorus. From Laboratory results, the primary cell total phosphorus value is 5440 mg/kg and the secondary is 2870 mg/kg.
- In the proposal, Appendix B, Table 8 – Biosolid Characteristics for Primary and Secondary Cells, the N:P Ratio and Phosphorus calculations should be based on total phosphorus and not Olsen phosphorous values.
- Each application of biosolid should be calculated to meet the *Nutrient Management Regulation (62/2008)* which requires that in nutrient management zone N1, N2, and N3 where Olsen soil test P, within the top 15 cm, is from 60 to <120 ppm the maximum allowable nutrient application is at 2 times the crop removal rate of P₂O₅. If Olsen soil test P is 120 to <180 ppm the maximum allowable nutrient application is 1 times the crop removal rate of P₂O₅.
- A 3rd order drain runs through section NE 36-03-27w. As per the *Nutrient Management Regulation (62/2008)* a Nutrient Buffer Zone of 3m if vegetated and 8m if not covered must be observed. The Nutrient Buffer Zone should be measured from the water body's high water mark or the top of the outermost bank on that side of the water body, whichever is further from the water.
- A 7th order drain runs through section NE and SE 36-03-27w. As per the *Nutrient Management Regulation (62/2008)* a Nutrient Buffer Zone of 3m if vegetated and 8m if not covered must be observed. The Nutrient Buffer Zone should be measured from the water body's high water mark or the top of the outermost bank on that side of the water body, whichever is further from the water.

-
- Maps indicate that section NW 26-03-27w may contain a wetland that supports hydrophytic vegetation. As per the *Nutrient Management Regulation (62/2008)* a Nutrient Buffer Zone around a wetland of the distance between the water's edge and the high water mark must be observed.
 - The total area of the setbacks from drains due to the Nutrient Buffer Zones mentioned above are excluded from the land base calculations used to determine the area of land necessary to apply approximately 30,000m³ of biosolids.
 - Some of the land identified in the Proposal's Proposed Project Area (Appendix B-Table 1: Soil Series and Extent of Acres within Proposed Project Area (PPA), Appendix 1: Maps) contains soil with an Agricultural Capability rating of Class 6. However the text of the proposal indicates Class 6 will be avoided when spreading. These areas to avoid should be communicated to the spreading operator, Class 6 soils are Nutrient Management Zone N4 and no nutrients should be applied to this soil as per the *Nutrient Management Regulation (62/2008)*. The total area of Class 6 soils Zone N4 must be excluded from the land base calculations used to determine the area of land necessary to apply approximately 30,000m³ of biosolids.
 - In a given year, the *Nutrient Management Regulation (62/2008)* requires that no person shall apply sludge between November 10 and April 10.
 - Follow-up fall (post-harvest) soil sampling (Olsen-P 0-15 cm, and nitrate-N 0-60 cm), one and two years post application is necessary to demonstrate compliance with the *Nutrient Management Regulation (62/2008)*. For review, results should be forwarded to the Water Quality Management Section, Manitoba Sustainable Development.
 - The Water Quality Management Section is concerned with any discharges that have the potential to impact the aquatic environment and/or restrict present and future uses of the water. Therefore it is recommended that the license require the proponent to actively participate in any future watershed based management study, plan/or nutrient reduction program, approved by the Director.

Joy Kennedy

Dey, Asit (SD)

From: +WPG1212 - Conservation_Circulars (SD)
Sent: October-17-16 9:23 AM
To: Dey, Asit (SD)
Subject: FW: Request for review/comment - Melita Biosolids/WWTL File: 108.20

Hello Asit,

Good morning

Lands Branch Sustainable Development has no comments as regards the EA for Melita Biosolids/WWTL File: 108.20

Thank you for the opportunity to review

Winifred Frias

Crown Land Programs Administrator
Lands Branch
Department of Sustainable Development
200 Saulteaux Crescent, Box 25
Winnipeg, Manitoba R3J 3W3 CANADA P



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