

Assefa, Bereket (CWS)

From: Assefa, Bereket (CWS)
Sent: April-07-15 10:55 AM
To: Winnipeg Beach, Town
Cc: 'araichura@dillon.ca'
Subject: RE: Town of Winnipeg Beach - File 74.30 - Lagoon Upgrade EAP - Additional Information Request
Attachments: 2015-03-31_WinnipegBeach_File 74.30
_LagoonUpgradeEAP_OfficeOfFireCommissioner_Comment.pdf

Good morning Ms. Magnusson,

Further to my email below, the attached is an additional comment from Office of the Fire Commissioner, for your information.

Bereket
(204) 945-5081

From: Assefa, Bereket (CWS)
Sent: March-30-15 3:21 PM
To: Winnipeg Beach, Town
Cc: 'araichura@dillon.ca'
Subject: Town of Winnipeg Beach - File 74.30 - Lagoon Upgrade EAP - Additional Information Request

Dear Ms. Magnusson,

Your Environment Act Proposal, dated December 23, 2014, to upgrade the Town of Winnipeg Beach wastewater treatment lagoon has been reviewed. During this review no public comments were received. Most of the Technical Advisory Committee (TAC) members did not indicate concerns with the proposal. Parks and Protected Spaces Branch requests information regarding (attached):

- measures to be taken to inform the adjacent Provincial Park users in the event monitoring of the effluent water being discharged poses a risk to human health and safety;
- identification of anticipated unpleasant odor;

Please provide the requested information.

As an information(also attached), Water Control Works and Drainage Licensing Section advises any water control works associated with this project will require licensing under the *Water Rights Act*.

Other clarification required:

- On page 3 of the functional design report attached to the EAP, conversion of the seasonal dwellings to permanent dwellings is indicated to result in increased permanent population of the town by 3, 630 residents. Please clarify how this can occur.
- It is unclear how the BOD₅ Loading and Total P Loading values presented in "Table 2: LAGOON UPGRADE DESIGN PARAMETERS" were calculated. Please provide details showing how the values were calculated.

If you have any question regarding the above, please contact me at 204-945-5081 or Bereket.Assefa@gov.mb.ca.

Regards,

Bereket Assefa, Ph.D., P.Eng.
Senior Environmental Engineer

Municipal and Industrial Section
Environmental Approvals Branch
Conservation and Water Stewardship
REGULAR MAIL - 160-123 Main Street (BOX 80), Winnipeg MB R3C 1A5
COURIERS - 2nd Floor 123 Main Street, Winnipeg MB R3C 1A5
Phone: (204) 945-5081 Fax: (204) 945-5229

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The information contained in this transmission is confidential and intended only for the use of the individual or entity to whom it is addressed. If you are not the intended recipient, you are hereby notified that any distribution, copying, disclosure and use of, or reliance on, the contents of this transmission is strictly prohibited. If you have received this communication in error, please notify the sender immediately by telephone and permanently delete the original message, attachments and all copies.

Assefa, Bereket (CWS)

From: Kubish, Cheryl (OFC)
Sent: March-31-15 3:24 PM
To: Assefa, Bereket (CWS)
Subject: RE: Town of Winnipeg Beach EAP for web and TAC distribution

The Office of the Fire Commissioner recommends that a building and occupancy permit be obtained for the new blower building and the new chemical storage & pumping building. The Authority Having Jurisdiction for building and occupancy permits is the Eastern Interlake Planning District.

Cheryl Kubish
Administrative Assistant
Office of the Fire Commissioner
508-401 York Avenue
Winnipeg MB R3C 0P8
Phone: 945-3328
Fax: 948-2089

E-Mail address: Cheryl.Kubish@gov.mb.ca

From: Tembo, Soni (CWS)
Sent: February-11-15 3:48 PM
To: Schindler, Dennis (MAFRD); Kaita, Adara (CWS); Labossiere, Don (CWS); Molod, Rommel (CWS); Firlotte, Nicole (CWS); Boissonneault, Caroline (CWS); Kelly, Jason (CWS); Keenan, Phil (CWS); Streich, Laurie (CWS); Missyabit, Ron (CWS); Page, Elaine (CWS); Phipps, Graham (CWS); Janusz, Laureen R (CWS); Stibbard, James (CWS); Matthews, Rob (CWS); Reimer, Geoff P (CWS); Cunningham, Neil (CWS); Roberecki, Susan (HHLS); Peck, Angela (HHLS); Coulter, Ryan (MIT); Allum, Brad (MIT); Beaumont-Smith, Chris (MMR); Shaler, Samantha (MMG); Schafer, Dave (OFC); Kubish, Cheryl (OFC)
Cc: Assefa, Bereket (CWS); Steele, Tania (CWS)
Subject: Town of Winnipeg Beach EAP for web and TAC distribution

Your review and comments would be appreciated for the attached Proposal submitted pursuant to *The Environment Act*:

<http://www.gov.mb.ca/conservation/eal/registries/74.30wpgbeachlagoon/index.html>

The contact person assigned to co-ordinate review and assessment of the Proposal is: **Bereket Assefa 204-945-5081**.

Email replies are programmed to automatically deliver to bereket.assefa@gov.mb.ca

Please indicate to the contact person if you are unable to review the proposal. A non-reply will be considered as indicating your department has reviewed the proposal and has no concerns.

Any comments you have on the Proposal should be emailed by **March 19, 2015**.

****No hard copies will be provided****

Thank you.

Sent on behalf of:

Bereket Assefa, Ph.D., P.Eng.

Senior Environmental Engineer

Municipal and Industrial Section

Environmental Approvals Branch

Conservation and Water Stewardship

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Assefa, Bereket (CWS)

From: Assefa, Bereket (CWS)
Sent: March-30-15 3:21 PM
To: Winnipeg Beach, Town
Cc: 'araichura@dillon.ca'
Subject: Town of Winnipeg Beach - File 74.30 - Lagoon Upgrade EAP - Additional Information Request
Attachments: 2015-02-20_WinnipegBeach_File 74.30
_LagoonUpgradeEAP_ParksAndProtectedSpacesBranch_Comment.pdf; 2015-02-12
_WinnipegBeach_File 74.30
_LagoonUpgradeEAP_WaterControlWorksAndDrainage_Comment.pdf

Dear Ms. Magnusson,

Your Environment Act Proposal, dated December 23, 2014, to upgrade the Town of Winnipeg Beach wastewater treatment lagoon has been reviewed. During this review no public comments were received. Most of the Technical Advisory Committee (TAC) members did not indicate concerns with the proposal. Parks and Protected Spaces Branch requests information regarding (attached):

- measures to be taken to inform the adjacent Provincial Park users in the event monitoring of the effluent water being discharged poses a risk to human health and safety;
- identification of anticipated unpleasant odor;

Please provide the requested information.

As an information(also attached), Water Control Works and Drainage Licensing Section advises any water control works associated with this project will require licensing under the *Water Rights Act*.

Other clarification required:

- On page 3 of the functional design report attached to the EAP, conversion of the seasonal dwellings to permanent dwellings is indicated to result in increased permanent population of the town by 3, 630 residents. Please clarify how this can occur.
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Assefa, Bereket (CWS)

From: Kelly, Jason (CWS)
Sent: February-20-15 1:21 PM
To: Assefa, Bereket (CWS)
Subject: RE: Town of Winnipeg Beach EAP for web and TAC distribution

Parks and Protected Spaces Branch has reviewed the proposal filed pursuant to the *Environment Act* for Town of Winnipeg Beach EAP for web and TAC distribution. This is a proposal for upgrades to a wastewater lagoon located adjacent to Winnipeg Beach Provincial Park. The Branch offers the following comments:

- Moving towards continuous discharge has the potential to adversely affect Park users. The report comments that “the implementation of a UV disinfection to inactivate harmful pathogens such as fecal coliforms and regular effluent quality monitoring is expected to effectively mitigate this risk”. The report does not describe what measures will be taken to inform park users in the event monitoring indicates that water being discharged poses a risk to human health and safety.
- No comment is made in the report on what the proposed upgrades will mean in terms of odours from the lagoons. The Park campground is near the lagoons; please identify if it is anticipated that unpleasant odours will increase, decrease or stay the same, as a result of this work.

From: Tembo, Soni (CWS)
Sent: February-11-15 3:48 PM
To: Schindler, Dennis (MAFRD); Kaita, Adara (CWS); Labossiere, Don (CWS); Molod, Rommel (CWS); Firlotte, Nicole (CWS); Boissonneault, Caroline (CWS); Kelly, Jason (CWS); Keenan, Phil (CWS); Streich, Laurie (CWS); Missyabit, Ron (CWS); Page, Elaine (CWS); Phipps, Graham (CWS); Janusz, Laureen R (CWS); Stibbard, James (CWS); Matthews, Rob (CWS); Reimer, Geoff P (CWS); Cunningham, Neil (CWS); Roberecki, Susan (HHLS); Peck, Angela (HHLS); Coulter, Ryan (MIT); Allum, Brad (MIT); Beaumont-Smith, Chris (MMR); Shaler, Samantha (MMG); Schafer, Dave (OFC); Kubish, Cheryl (OFC)
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Email replies are programmed to automatically deliver to bereket.assefa@gov.mb.ca

Please indicate to the contact person if you are unable to review the proposal. A non-reply will be considered as indicating your department has reviewed the proposal and has no concerns.

Any comments you have on the Proposal should be emailed by **March 19, 2015**.

****No hard copies will be provided****

Thank you.

Sent on behalf of:

Bereket Assefa, Ph.D., P.Eng.
Senior Environmental Engineer
Municipal and Industrial Section
Environmental Approvals Branch
Conservation and Water Stewardship
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Assefa, Bereket (CWS)

From: Roberts, Dan (CWS)
Sent: February-12-15 9:17 AM
To: Assefa, Bereket (CWS)
Subject: Town of Winnipeg Beach EAP for web and TAC distribution
Attachments: Drainage Licence Application.pdf

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/areas_of_focus_jan_23_12.pdf

Sincerely,

Dan Roberts

Water Resource Officer
Water Control Works and Drainage Licensing Section
Conservation and Water Stewardship
Box 6000, Building #1180, 75 - 7th Avenue,
Gimli, MB R0C 1B0
Cell: (204) 641-1331

**Application for Licence
to Construct Water Control Works**

FORM 1: Revised: July 14, 2009



Applicant Name (s) _____
 Company Name _____ Telephone No. _____
 Mailing Address _____ Postal Code _____ Cell Phone No. _____
 Location of Residence _____ Fax No. _____ E-mail _____

A. DEFINITIONS

1) Pursuant to *The Water Rights Act*: **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 (a) 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 (b) 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.

2) **MINOR WATER CONTROL WORKS** (as defined by policy) are those works that meet the following criteria:

Respecting drainage, minor water control works:

- Are constructed solely on lands owned or controlled by the applicant without negative impact to other lands.
- Meet industry accepted engineering and construction standards.
- Involve excavation of organic soils only and do not lower water levels more than 30 cm (1 foot) below natural ground level.
- Are proven acceptable to municipal or provincial governments if water control works affect the location or flow of water on municipal or provincial property.
- Are proven acceptable to the landowner of lands on which they are constructed if applicant does not own the land.
- Do not occur in naturally vegetated riparian areas.
- Do not occur on Class 6 and 7 soils as defined by Canada Land Inventory (CLI) Soil Capability for Agriculture (1965).
- Do not alter the natural state of seasonal, semi-permanent or permanent marshes (Classes III, IV, V – Stewart and Kantrud marsh classification system).

Respecting dams, minor water control works:

- Are constructed solely on lands owned or controlled by the applicant without negative impact to other lands.
- Meet industry accepted engineering and construction standards.
- Are located within artificially constructed drainage channels.
- Are less than 1.5 meters in height and do not raise the spill elevation of a wetland above natural ground level.

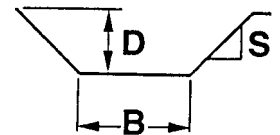
Respecting infrastructure installations, minor water control works:

- Are constructed solely on lands owned or controlled by the applicant without negative impact to other lands.
- Do not alter the natural state of seasonal, semi-permanent or permanent wetlands (Classes III, IV, V – Stewart and Kantrud marsh classification system).
- Meet industry accepted engineering and construction standards.
- Do not change the hydraulic capacity of the structure by more than 15%.
- Includes replacement of culverts at the same location and elevation as the previous culvert.

B. PHOTO/SKETCH/PLANS/DRAWING

All Water Rights Act license applications for construction of WATER CONTROL WORKS must include a photo, sketch, plan and/or drawing that incorporates:

- 1) Location of effected water bodies, maximum depths, approximate sizes, complete or partial drainage
- 2) Proposed drain location, length, depth (D), bottom width (B), and side slopes (S)
- 3) A topographic survey, if the magnitude of the project results in a request for survey information by Water Stewardship staff
- 4) Location of designated spoil sites
- 5) Flow direction of nearby watercourses
- 6) Description and location of proposed control structures and operation schedule (if applicable)
- 7) Road and culvert locations (including culvert sizes)
- 8) Legal descriptions and landowner names of surrounding/affected lands
- 9) North arrow
- 10) Industry accepted engineering and construction standards



For dam projects, except those that meet the definition of minor water control works, a copy of design drawings and decommissioning plan designed by a professional engineer registered to practice in Manitoba. Dams that have the capacity of less than 50 cubic decameters (40 acre feet) must be constructed to industry accepted engineering and construction standards but may be subject to less stringent reporting standards. Please contact either of the Manitoba Water Stewardship offices listed below for further details.

C. LOCATION of Works:

- 1) Municipality/Parish _____ 2) Conservation District (if applicable) _____
- 3) Location of water control works (include ¼ section, township and range, river lots, sub-division, or other legal description)

LEGAL SUBDIVISION	QUARTER	SECTION	TOWNSHIP	RANGE	E/W	LOT	BLOCK	PLAN

Or otherwise described as _____

- 4) Identify water body, natural waterway, or drain that water flows into (if known) _____

D. DESCRIPTION of Works:

- 1) Describe your proposal and its purpose (Please include any methods to control outflow):

- 2) Does the proposed project meet the definition of minor water control works? Yes No
 (See definition section A)
- 3) Is a bio-security plan in place for the subject property? Yes No
- 4) Will drainage/lowering of a slough, pond or lake be undertaken? Yes No
 - a. If yes, please indicate the following:
 What is the total estimated area of water? _____ Acres _____ Hectares
- 5) Has a survey been completed for these works? Yes No
 - a. If yes, please attach a copy to this application
- 6) Provide details on sediment and erosion control plan(s). _____

E. LANDOWNER Approvals:

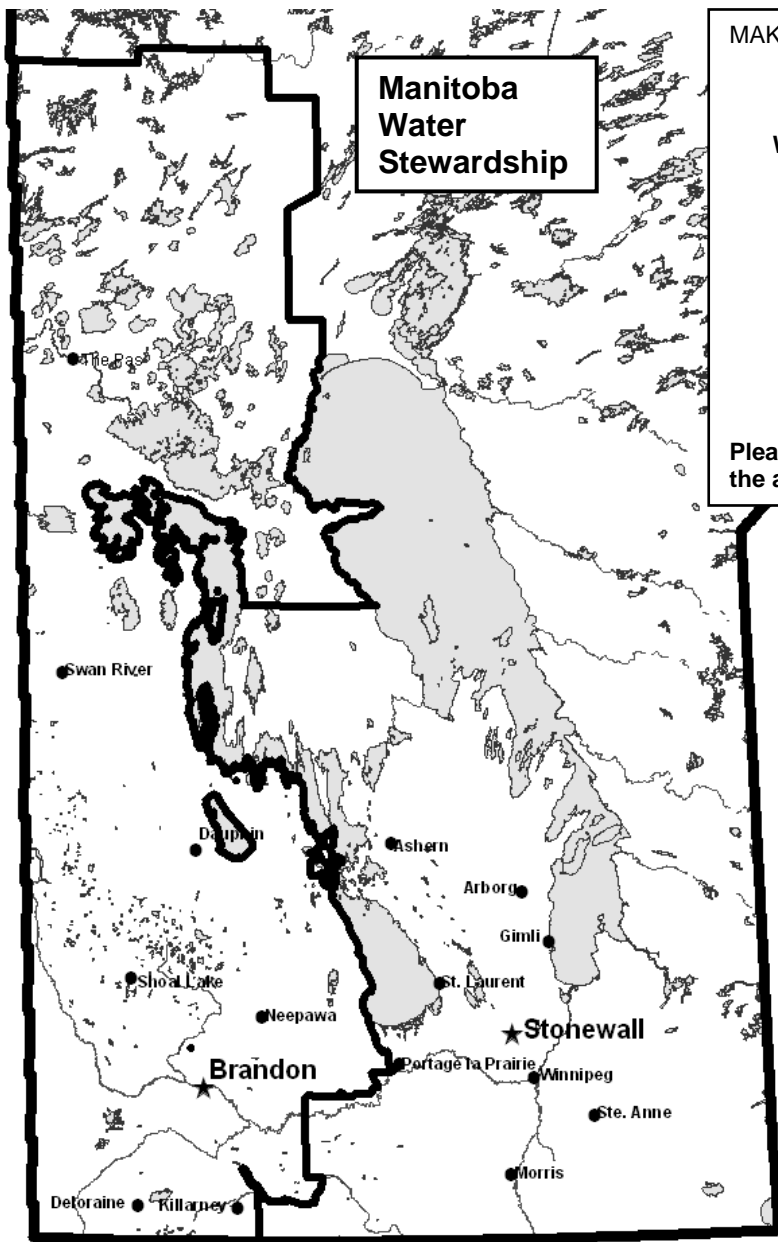
- 1) Proposed water control works are located on: Private Property Municipal Property Crown Land
- 2) The applicant is the: Registered Landowner Lessee Other: _____

If lessee or other, please provide registered landowner signature of approval below.

- 3) Will the proposed water control works alter a water body or water level(s) on land you do not own or control?
- 4) Will the proposed water control works cause water to leave your land?

If yes to either questions 3 or 4, please provide evidence of impacted landowner(s) approval below.

<u>Legal Description</u>	<u>Landowner Name(s)</u> (Please Print)	<u>Signature of Approval</u>	<u>Date Signed</u>



MAKE CHEQUES PAYABLE TO: **MINISTER OF FINANCE**
 FEE OF \$25.00 MUST ACCOMPANY APPLICATION
 CHEQUE AND APPLICATION CAN BE MAILED TO:

WATER CONTROL WORKS & DRAINAGE LICENSING SECTION

Box 13, 1129 Queens Avenue
 Brandon, MB R7A 1L9

OR

Box 4558, 293 Main Street
 Stonewall, MB R0C 2Z0

Please Note: Incomplete applications may be returned to the applicant unprocessed.

 Signature of Applicant

 Print Name

 Signature of Landowner (if different from Applicant)

 Print Name

 Date Signed

FOR OFFICE USE ONLY	Date Received _____
	Amount Received \$ _____
	Received By: _____
	MRO# _____