



Conservation and Water Stewardship

Environmental Stewardship Division
Environmental Approvals Branch
123 Main Street, Suite 160, Winnipeg Manitoba R3C 1A5
T 204 945-8321 F 204-945-5229
www.gov.mb.ca/conservation/eal

File: 5696.00

May 2, 2014

Cheryl Kubish
Administrative Assistant
Office of the Fire Commissioner
508-401 York Avenue
Winnipeg MB R3C 0P8

Dear Cheryl Kubish:

Re: City of Thompson Wastewater Treatment Plant - Environment Act Proposal

The responses from the Technical Advisory Committee (TAC) that contained requests for additional information regarding the Environment Act Proposal (EAP) for the City of Thompson Wastewater Treatment Plant were forwarded to the proponent's consultant. The consultant was asked to address the comments contained in the responses and to provide additional information for the environmental review that is continuing.

Attached you will find the consultant's April 25, 2014 letter responding to the comments and requests for additional information presented by the TAC. Please review the response to determine if your comments and requests for additional information have been satisfactorily addressed.

Your comments, if any, are required no later than two weeks after the date of this letter. No response on your part will be assumed to indicate no concern.

Yours truly,
"original signed by"

Rafiqul Chowdhury, M.Eng., P.Eng
Environmental Engineer

Attachment

- c. Tim Prawdzik, Provincial Manager, Environmental Compliance and Enforcement Branch
Public Registries



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May 2, 2014

James Stibbard P. Eng.
Approvals Engineer
Office of Drinking Water
1007 Century Street
Winnipeg MB R3H 0W4

Dear Mr. Stibbard:

Re: City of Thompson Wastewater Treatment Plant - Environment Act Proposal

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May 2, 2014

Jeff Fountain
Regional Supervisor
Northeast Region
Environmental Compliance and Enforcement Branch
28-59 Elizabeth Dr.
Thompson MB R8N 1X4

Dear Mr. Fountain:

Re: City of Thompson Wastewater Treatment Plant - Environment Act Proposal

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Environmental Engineer

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- c. Tim Prawdzik, Provincial Manager, Environmental Compliance and Enforcement Branch
Public Registries

From: Basu, Saibal [saibal.basu@stantec.com]
Sent: April-25-14 1:51 PM
To: Chowdhury, Rafiqul (CWS)
Cc: Parsons, Travis (MMG); 'Carol Taylor' (ctaylor@thompson.ca); srandhawa@thompson.ca
Subject: Thompson WWTP - Response to Comments on EAP_April 25 2-014
Attachments: SKMBT_60014042109410.pdf

Follow Up Flag: Follow up
Due By: May-02-14 10:00 AM
Flag Status: Flagged

Rafiqul,

We have reviewed the comments on the EAP Submission for the Thompson WWTP (see attached). Our response are as follows:

1. Comments from the Office of the Fire Commissioner

The comments are duly noted. When the project is tendered, the General Contractor is typically required by the specification to obtain a building permit based on the engineered drawings and finally an occupancy permit at completion. Also, the proposed buildings in the WWTP will be designed in accordance to the National Building Code/Manitoba Building Code which will address the required Fire Safety requirements. This will be done during the detailed design phase of the project.

2. Comments from the Office of Drinking Water

We confirm that connections to existing domestic water distribution will be protected by implementing backflow prevention/backflow siphoning. This feature will be included in the design drawings and appropriate products identified in the project specifications.

3. Comments from Environmental Compliance and Enforcement Branch, Manitoba Conservation and Water Stewardship

In response to the concerns of the Branch, there are a number of successful SBR systems in operations in the North. This includes the City of Flin Flon and the Town of Gillam. A few others have been installed in First Nations Communities of Garden Hill, Red Sucker Lake and St. Theresa Point. In the south there is RM of Gimli, RM of Headingley, RM of East St. Paul, RM of St. Clements (Lockport) and the City of Portage.

SBR is a well-established treatment technology with very good track record in Manitoba. However, like any other wastewater process, it does require qualified and trained staff to monitor and maintain the system components. For a project like Thompson, it has been our experience to have the installation contractor in conjunction with the equipment supplier to operate and demonstrate the plant performance before it is accepted from a contractual perspective. These periods are not on a long-term basis but only for a short-term (typically 2 to 3 months) of operation. However, the City does have the option to extend the operating period or retain a professional agency to take over the plant operations. While this kind of arrangements are common in Alberta and BC, we haven't seen much in Manitoba. Regardless, the comments/concerns are noted and will be discussed during the detailed design.

Trust this meets your requirements. If you have any further questions, please do not hesitate to call.

Saibal Basu, Ph.D., P.Eng.

Water/Wastewater Treatment Team Leader
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