

Dey, Asit (CWS)

From: Dey, Asit (CWS)
Sent: December-01-15 2:41 PM
To: 'Bunn, Jason'
Cc: Christine Hutlet (christine@rmtache.ca); Burland Ross, Siobhan (CWS)
Subject: RE: Request for Additional Information and TAC Comments_File 4482.10_R.M. of Tache_Community of Lorette_WWTL Expansion

Importance: High

Hello Jason,

The preliminary review of the above proposal has been completed. No public comments were received.

The following additional information is needed to address the comments received from the Technical Advisory Committee on the proposal:

Manitoba Conservation and Water Stewardship – Environment Compliance and Enforcement

1. *While discharge is occurring, it is proposed to reopen the valves that isolate the discharging secondary cells from the primary cells to achieve a seasonal continuous discharge. Confirmatory testing of the discharging secondary cell is proposed 14 days after the discharging cell is removed from isolation. What action would occur should the confirmatory testing indicate that criteria are not being met? Has there been consideration of further testing through the discharge period to ensure continued compliance with license criteria?*

2. *Regarding backwash and sludge in the phosphorous removal backwash ponds, it is proposed that liquids will be pumped off the top of the solids and that evaporation over the summer will dry out the remaining solids prior to hauling them to a landfill. Note that the R.M. of Taché waste disposal ground cannot accept the sludge unless it has a slump of 150 mm or less as determined using the slump test method specified in their license. Have alternatives to disposal at a landfill been considered?*

Manitoba Conservation and Water Stewardship – Environment Approvals

Classification is required for wastewater collection and treatment facilities pursuant to Manitoba Regulation 77/2003. Please complete the appropriate form(s) for the facilities identified in the Environment Act Proposal and submit the form(s) to us. You may follow the web link below to access the form(s).

<http://www.gov.mb.ca/conservation/eal/certification/wwtfacilityclass.pdf>

Please find below the comments from the Technical Advisory Committee provided for your information only; responses are not required.

Manitoba Conservation and Water Stewardship – Water Control Works and Drainage Licensing Section

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

Manitoba Conservation and Water Stewardship-Water Quality Management Section

- *The following effluent standards should be in place for the Community of Lorette wastewater treatment lagoon upgrade as per the Manitoba Water Quality Standards, Objectives and Guidelines Regulation (196/2011).*
 - *cBOD 25 mg/L,*
 - *TSS 25 mg/L,*
 - *Fecal Coliforms or Escherichia coli 200 MPN / 100mL,*
 - *Total phosphorus <1 mg/L,*
- *The total phosphorous limit of <1 mg/L should be applied as per section 5(2) of the Manitoba Water Quality Standards, Objectives and Guidelines Regulation under The Water Protection Act states: Phosphorus standard and compliance date 5(2) Beginning on January 1, 2016, the maximum allowable concentration of phosphorus in wastewater effluent discharged from a development to which this section applies is 1.0 mg/L total phosphorus.*
- *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.*

We will finalize the review of your Environment Act Proposal following receipt of the required information, if deemed satisfactory.

If you require any clarification or if you need any additional information, please feel free to contact me.

Thanks,

Regards,

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