## Dey, Asit (SD)

From: Dey, Asit (SD)

**Sent:** October-13-16 11:52 AM

To: 'Bunn, Jason'

Cc: Calvin Edie (calvinedie@gmail.com); Pete Skjaerlund; Christine Hutlet

(christine@rmtache.ca); Urbano, Silvestre; Webster, Ross; Kelsey, Greg; Boswick, Robert

(SD); Burland Ross, Siobhan (SD); Markwart, Larry (SD); Bueckert, Curt (SD)

Subject: 2016-10-13\_Interim Approval\_RM of Tache (Lorette Lagoon)\_File No 4482.10\_EAL 2439 RR

Importance: High

Dear Mr. Bunn:

I am responding to the October 11, 2016 email message from Mr. Jason Bunn, P.Eng., WSP Canada Inc. wherein attached reports (reports) presented soil liner test results relative to the recently constructed Primary Cell #1 (aerated) at the Rural Municipality of Tache's wastewater treatment lagoon (lagoon). The samples that were analyzed were obtained on September 21, 2016. Environment Act Licence No. 2439 RR (Licence) applies to this lagoon.

It appears from the review of the reports that the results of hydraulic conductivity tests completed on samples (ST-4 and ST-7) of the liner of this cell indicate that compliance with the requirements of the Licence for this lagoon cell to have a soil liner with a hydraulic conductivity of 1x  $10^{-7}$  cm/s or less has been attained. The Shelby tube labeled ST-6 is currently being tested and the results will be forwarded to me upon completion.

Therefore, an interim authorization to operate Primary Cell #1 of the lagoon in accordance with the limits, terms and conditions of the Licence is hereby provided. A final authorization will be provided upon receipt of the results of hydraulic conductivity tests completed on sample ST-6.

If you have any questions or would like to discuss this matter, please contact me at <u>asit.dey@gov.mb.ca</u> or at (204) 945-2614.

Thanks,

Regards,

Asit Dey, P.Eng., Environmental Engineer Department of Sustainable Development Environmental Approvals Branch Government of Manitoba Box 80, 160-123 Main Street Winnipeg MB R3C 1A5 Canada T: (204) 945-2614 F: (204) 945-5229

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