



March 30, 2016

Manitoba Conservation and Water Stewardship
Environmental Approvals Branch
160-123 Main Street
Winnipeg, Manitoba R3C 1A5

Attention: Mr. Bruce Webb, P.Eng.
Water Development and Control Assessment Officer

File 5721.00 Wawanesa Wastewater Treatment Plant Decommissioning Plan

Dear Mr. Webb:

On behalf of the Municipality of Oakland-Wawanesa (Oakland-Wawanesa), Dillon Consulting Limited (Dillon) requests approval for the following decommissioning plan for the Wawanesa Wastewater Treatment Plant (WWTP). This letter is submitted in fulfillment of Environment Act Licence No. 3117, Condition 38, which governs the operation of Oakland-Wawanesa's new wastewater treatment lagoon.

Background

The Wawanesa WWTP, originally constructed in 1976, experienced a mechanical failure in 2013 that impeded the plant's ability to meet its effluent quality requirements. After undertaking a feasibility study to examine its options for future wastewater treatment, the Village of Wawanesa received Environment Act Licence No. 3117 in September 2014 authorizing the construction and operation of a new regional lagoon system to replace the WWTP. Construction of the new lagoon was complete in August 2015, and an upgrade to the Wawanesa lift station to redirect flow from the WWTP to the lagoon achieved substantial completion in March 2016.

Decommissioning Schedule

The Wawanesa WWTP will remain online and available for use by the Municipality until the new lagoon has been successfully brought online. The Municipality proposes to implement the decommissioning plan outlined below within two months of the start of pumping from the retrofitted lift station to the new lagoon, which occurred on March 23, 2016.

Decommissioning Plan

The proposed decommissioning plan for the Wawanesa WWTP comprises three steps:

1. Removal of sludge and wastewater from the plant;
2. Transportation of sludge and wastewater to the Wawanesa lagoon; and
3. Securing the existing WWTP building.

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First, wastewater remaining in the WWTP will be pumped out by a registered sewage hauler. This includes the pump-out of sludge from the clarifiers and the concrete septic holding tank at the inlet to the WWTP. Second, pumped out wastewater will be transported to and disposed of at the new Wawanesa lagoon. Last, the existing WWTP building will be locked to deter unauthorized access to the premises.

Due to financial considerations, Oakland-Wawanesa plans to keep the existing WWTP structure intact. As such no demolition debris is expected to be generated. Should Oakland-Wawanesa want to demolish the existing WWTP at a later date, a revised decommissioning plan will be submitted to Manitoba Conservation and Water Stewardship for review and approval.

If you have any questions on the current proposal or require further information, please contact the undersigned at 204-453-2301 or by email at lwatt@dillon.ca.

Sincerely,

DILLON CONSULTING LIMITED



Lin Watt, EIT, PMP
Project Engineer

KLW:kat

cc: Ms. Dee Genaille, Design Engineer, The Manitoba Water Services Board
Mr. Don Todorovich, Public Works Manager, Municipality of Oakland-Wawanesa

Our file: 15-2628