

From: Cynthia Casagrande [<mailto:CCasagrande@erca.org>]

Sent: June 12, 2019 1:26 PM

To: Sam Paglia <spaglia@tecumseh.ca>; Laura Moy <lmoy@tecumseh.ca>

Cc: John Henderson <jhenderson@tecumseh.ca>; Cameron Hedges <chedges@tecumseh.ca>; James Bryant <JBryant@erca.org>; Tian Martin <TMartin@erca.org>; Hernandez, Mark <mhernandez@dillon.ca>

Subject: RE: Lachance Drain - Notice of First Sitting of Court of Revision

Dear Sam:

Re: E09LA(49)
Lachance Drain

This office acknowledges receipt of the Notice of First Sitting of Court of Revision Meeting scheduled for June 25, 2019 regarding the Lachance Drain. Unfortunately, we are unable to attend this meeting.

We also acknowledge receipt of the application for permit for the drainage works to the Lachance Drain. We have reviewed the Drainage Report prepared by Dillon Consulting Project No. 17-6772, dated 03 May 2019, as well as the information contained in the attached email below. We find this information acceptable and the application for permit is in the queue to be processed and approved.

If further information or clarification is required, please do not hesitate to contact this office.

Yours truly,

Cynthia Casagrande
Regulations Coordinator
Essex Region Conservation Authority
360 Fairview Avenue West, Suite 311
Essex ON N8M 1Y6
(519) 776-5209, Ext. 349

From: Hernandez, Mark <mhernandez@dillon.ca>
Sent: Thursday, May 30, 2019 11:27 AM
To: Cynthia Casagrande <CCasagrande@erca.org>
Cc: Sam Paglia <spaglia@tecumseh.ca>; Laura Moy <lmoy@tecumseh.ca>; John Henderson <jhenderson@tecumseh.ca>; Cameron Hedges <chedges@tecumseh.ca>; James Bryant <JBryant@erca.org>; Tian Martin <TMartin@erca.org>
Subject: Re: Lachance Drain - Notice of Consideration Meeting

Hi Cynthia,

Please see our responses in blue below. We will be submitting an application for permit. Please let us know if anything further is required.

Thanks,

Mark



Mark Hernandez, P.Eng.
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Please consider the environment before printing this email

On Mon, May 27, 2019 at 4:13 PM Cynthia Casagrande <CCasagrande@erca.org> wrote:
Dear Sam and Laura:

This office acknowledges receipt of the Notice of Consideration Meeting scheduled for May 28, 2019 to consider the Engineer's Report for the Lachance Drain. Unfortunately, we are unable to attend this meeting.

We received the Draft Drainage Report on Monday, April 29th, 2019 and were unable to provide comments in time for the Public Information Centre held on Thursday, May 2nd, 2019.

We acknowledge receipt of the Drainage Report prepared by Dillon Consulting, Dillon File No. 17-6772 and Tecumseh File No. E09LA(49) and dated 03 May 2019. We have the following comments related to the Engineer's Report dated May 3, 2019 for the Lachance Drain in the Town of Tecumseh and the City of Windsor.

1. It is understood that the portion of drain from Sta. 0+000 to approximately Sta. 1+048 is not included as part of any existing Municipal Drain Engineer's Report. The section of the Lachance drain appears to have been relocated without a report under the Drainage Act. The current draft report dated May 3, 2019 prepared by Dillon Consulting Ltd. proposes to incorporate this portion

of drain (as currently aligned), including the existing structures (Bridges 1 and 2). Can the level of service of these two structures be confirmed so as to ensure adequate conveyance with respect upstream lands? [The level of service for Bridges 1 and 2 is 1:5 year and no overtopping during a 10 year event. This is in the report under design considerations on page 4.](#)

2. There appears to be roughly a 30 ha difference in drainage areas from the area identified in the draft report and the Upper Little River Watershed Master Drainage and SWM Plan EA (ULREA). The ULREA identifies the Lachance Drain as having a drainage area of 145 ha, while the current draft Engineer's Report identifies the Lachance Drain as having a drainage area of 114.8 ha. Please confirm the drainage area in the draft Engineer's Report is correct and ensure structures have been sized accordingly. [We have taken the time to refine the watershed boundaries between the Lachance, East Townline and Gouin Drains. A small portion of the difference is flow which goes to the East Townline Drain. The majority of the difference is flow that is attributable to Gouin Drain. We are appointed on the Gouin as well and so this change will be reflected when we send you the draft Gouin report for your review. The structures have been sized based on the 114.8 Ha.](#)

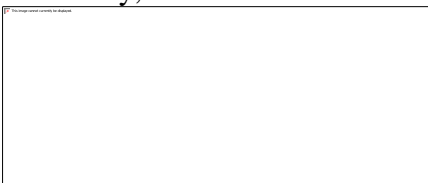
3. The ULREA identified the Lachance drain as a direct supporter of Fish Habitat west of CR 43 (Banwell Road) due to the connection/proximity to Little River. Any in-water works should be limited to times outside of the Fisheries Window of approximately March 15 to approximately July 1. [Agreed.](#)

4. Fish refuge pools were identified at the Banwell Road culvert crossing through previous studies. Any such fish refuge pools should be reinstated as part of the works. [Agreed.](#)

In addition to the above, we will require an ERCA application for permit form and the application for permit fee of \$800.00 for this project to proceed. Please forward this information and/or alternative direction at your earliest convenience.

If further information or clarification is required, please do not hesitate to contact this office.

Yours truly,



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