



**Date:** March 22, 2022

**To:** Mayor and Council

**Author:** Ken Vegh, Drainage Superintendent

**RE:** Repair and Improvement of the Morley Wigle Drain

**Report No.:** IED 2022- 15

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## **RECOMMENDED ACTION**

1. That the engineer's report provided by RC Spencer Associates Inc., titled Repair and Improvement of Part of the Morley Wigle Drain, per Section 78 of the Drainage Act **BE ADOPTED**; and,
2. That **By-law 18-2022** being a by-law to provide for the repair and improvement of part of the Morley Wigle Drain in the Town of Kingsville, in the County of Essex **BE PROVISIONALLY ADOPTED** by giving a first and second reading and the Mayor and Clerk **BE AUTHORIZED** to sign same.

## **BACKGROUND**

Council appointed RC Spencer Associates Inc. to carry out the necessary repair and improvements to a portion of the Morley Wigle Drain. Drainage Improvements were requested under Section 78 of the *Drainage Act, R.S.O., 1990* to allow for future residential development of the property with Roll No. 270 31200 (Municipal No.150 Heritage Rd.) The owner on the title is 1552843 ONTARIO LTD.

The Morley Wigle Drain is a 250mm covered clay tile constructed initially under the Ditches and Watercourses Act. Records indicate that the drain was brought under the provisions of the Drainage Act by way of a report prepared by C.G. Russell Armstrong in 1947. This report also provided for the addition of a second drain tile, typically referred to as a relief drain. There have been other minor improvements to the drain through engineer's reports submitted in 1962, 2001, and 2010.

## **DISCUSSION**

As noted in the recommendations of the engineer's report (attached Appendix), it was determined that improvements are required to downstream portions of the Morley Wigle Drain to expand the Dieppe Estates stormwater management pond. However, based on the maintenance history of the drain and in-field condition assessments, these

improvements will also benefit upstream landowners. Construction will involve replacing catch basins in poor condition and replacing approximately 641m of the 300mm clay tile-covered drain with a 525mm diameter High-Density Polyethylene pipe. Detailed designs and specifications can be found in the attached report.

Per Section 42 of the Drainage Act, all affected property owners were provided a Notice of this Meeting to Consider the Engineers Report. Additionally, should Council endorse the recommendations of this report, a copy of the authorizing By-law will be sent by mail to each person entitled to notice.

The purpose of this consideration meeting is to review the engineer's report only to decide whether or not to proceed with the project or refer the report back to the engineer for modifications. There is no right to appeal assessments or other aspects of the engineer's report at this meeting as these appeal rights are only made available to landowners later in the Drainage Act process.

## **FINANCIAL CONSIDERATIONS**

All costs for construction and future maintenance are calculated within the Report and will be discussed at a future Court of Revision Meeting.

## **ENVIRONMENTAL CONSIDERATIONS**

All construction activities will be carried out in accordance with the Drainage Act and all relevant environmental legislation.

## **CONSULTATIONS**

Infrastructure and Engineering  
RC Spencer Associates Ltd.

PREPARED BY:

*Ken Vegh*

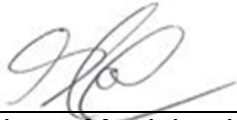
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Ken Vegh, CRS

**Supervisor of Drainage and Inspection**

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REVIEWED BY:



Shaun Martinho, HBSc, MBA

**Manager of Public Works and Environmental Services**



G.A. Plandke Civil Eng. Tech (Env)

**Director of Infrastructure & Engineering**

## **LINK TO STRATEGIC PLAN**

Support growth of the business community.

### **Link to Council 2021-2022 Priorities**

- ☐ COVID-19 and the health and safety of the community
- ☐ Customer Service: Training, Technology, Staff, Review Standards/Level of service
- ☒ Housing: Affordability (lot sizes, developer incentives, second dwellings, density, etc.)
- ☐ Greenhouse: lights & dark sky, odours (site plan compliance, bylaws, other tools)
- ☐ Programming Increase: Youth and Seniors
- ☐ A development plan for Downtown Kingsville / Main Street
- ☐ Financial savings: Schools closings, Migration Hall
- ☐ Economic Development: strengthen tourism/hospitality
- ☐ COVID - economic recovery
- ☐ Communications: Strategy – Policy (social media), Website refresh and other tools, Public engagement
- ☐ Housing: Migrant Worker Housing – Inspections (Building/Fire), regulate, reduce, or increase
- ☐ Committees / Boards: Review and Report
- ☐ Policy Update: Procedural Bylaw
- ☐ Economic Development: diversify the economy, create local jobs, industrial, Cottam
- ☐ Infrastructure (non-Municipal): Union Water expansion & governance
- ☐ Infrastructure (Municipal): Asset Management Plan update, the infrastructure funding deficit
- ☐ No direct link to Council priorities