



THE CORPORATION OF THE TOWN OF AMHERSTBURG

OFFICE OF ENGINEERING & INFRASTRUCTURE SERVICES

MISSION STATEMENT: *Committed to delivering cost-effective and efficient services for the residents of the Town of Amherstburg with a view to improve and enhance their quality of life.*

Author's Name: Todd Hewitt	Report Date: January 16, 2023
Author's Phone: 519 736-3664 ext. 2318	Date to Council: February 13, 2023
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To: Mayor and Members of Town Council

Subject: Kingsbridge Subdivision Southwest Stormwater Management Pond – Acceptance of Infrastructure

1. **RECOMMENDATION:**

It is recommended that:

1. The recommendations in the letter regarding Kingsbridge Development Southwest Stormwater Management Pond dated August 2, 2019 from the consulting engineer, Stantec Consulting Ltd. **BE ACCEPTED**; and,
2. The stormwater management pond, including all associated earthwork, landscaping and all connecting pipework **BE ACCEPTED and ASSUMED** as outlined in the report.

2. **BACKGROUND:**

The Kingsbridge Southwest Stormwater Management (SWM) Pond is one of three (3) SWM ponds designed to manage storm water run-off within the Kingsbridge Residential Subdivision. The pond is located near the western limits of the subdivision, and is designed to service 88.62 hectares of fully developed land. The service area of the pond includes residential development, parkland and municipal roadways.

3. **DISCUSSION:**

The Kingsbridge Southwest SWM Pond was partially constructed in 2005 to manage stormwater run-off and allow for the construction of a portion of the north-eastern region of the development. In 2017, the developer constructed the remainder of the pond to its ultimate design. The finalized pond is made up of two (2) stormwater retention cells, inlet and outlet piping, stone erosion protection, a surrounding access and walking pathway,

and a variety of native aquatic and land-based landscaping features. The pond and associated features were placed on maintenance commencing September 14, 2017.

The Town attended a walkthrough with the consulting engineer Stantec Consulting Ltd. and the Developer on May 16, 2019, where the work was inspected. Only minor deficiencies were identified. The final assumption of the infrastructure was delayed at that time because the Developer still owned the land where the pond was located. The land where the SWM pond was constructed has now been transferred to the Town and assumption of the asset can proceed. Infrastructure services has recently re-inspected the pond and concurs with the recommendation of Stantec Consulting Ltd. dated August 2, 2019 that the earthworks, SWM pond, landscaping and all associated connecting pipework be accepted and assumed.

4. RISK ANALYSIS:

The Town assumes a financial risk by assuming these assets. The assets will now be included in the Asset Management Plan (AMP) where the financial implications of future lifecycle maintenance and replacement must be considered.

5. FINANCIAL MATTERS:

The Town has a self-renewing letter of credit of \$173,000.00. This is equivalent to 25% of the original value of the work being placed on maintenance. This provides the Town with financial security to ensure future maintenance is performed or the Town can exercise its letter of credit. Once the work is accepted and assumed the letter of credit can be discharged.

The 2017 cost to the developer to place the infrastructure was \$692,000. This included \$68,120 (storm sewer), \$26,000 (access road) and \$31,850 (landscaping). On assumption of these assets, the Town will capitalize the cost of the underground infrastructure into the tangible capital asset (TCA) inventory and add it into the AMP for future infrastructure replacement. The remaining construction costs were associated with earth excavation, grading and other items that will not be considered for future replacement but will be included in the AMP for future maintenance costs.

6. CONSULTATIONS:

Jesse Daudlin – Engineering Technologist

7. CONCLUSION:

It is recommended that the earthworks, stormwater management pond, and all associated connecting pipework, be accepted and assumed by the municipality.



Todd Hewitt
Manager of Engineering and Operations

Report Approval Details

Document Title:	2023 02 13 - Kingsbridge Development - Assume Southwest SWM Pond.docx
Attachments:	- Kingsbridge SWM Pond - Stantec LOC for Assumption.pdf - Kingsbridge Southwest SWM Pond.pdf
Final Approval Date:	Feb 3, 2023

This report and all of its attachments were approved and signed as outlined below:



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