



The Corporation of the Town of Tecumseh

Public Works & Environmental Services

To: Mayor and Members of Council

From: Kirby McArdle, Manager Roads & Fleet

Date to Council: May 14, 2019

Report Number: PWES-2019-29

Subject: Larviciding for the 2019 West Nile Virus Program

Recommendations

It is recommended:

That correspondence to the Ministry of Environment, Conservation and Parks and Pestalco Environmental Health Services Inc., authorizing the application of larvicides in water bodies in the Town of Tecumseh such as catch basins or ditches found to contain mosquito species known to transmit the West Nile Virus, **be received**;

And that the Town's share of West Nile Virus Program costs **be funded** from an existing budget allowance for this purpose in the 2019 Public Works Operating Budget.

Background

Ontario Regulation 199/03: Control of West Nile Virus was filed in May 2003 under the *Health Protection and Promotion Act, R.S.O. 1990, c.H.7* and requires the Medical Officer of Health to make a determination based on local risk assessment whether action is required by municipalities to decrease the risk of West Nile Virus (WNV).

The Windsor-Essex County Health Unit (WECHU) conducted a comprehensive WNV surveillance program from 2003 through 2018. Attachment No. 1 lists the number of cases of WNV illness in humans in Windsor-Essex County. Ten percent of the total number of cases in Ontario from 2005 to 2018 have been reported in Windsor-Essex County.

Comments

In accordance with Ontario Regulation 199/03, the WECHU Medical Officer of Health has effected a formal Notice of Action dated April 25, 2019 to decrease the risk of WNV to persons in Windsor-Essex.

It has been determined that WNV continues to be found in the mosquito population and it is the opinion of the WECHU Medical Officer of Health that the application of larvicide to potential breeding sites within two kilometers of an urban area (i.e. catch basins and standing/surface water) is required.

Said Notice of Action mandates action by the municipalities for lands under their jurisdiction and supports applications to the Ministry of Environment, Conservation and Parks (MECP) for the application of larvicide on private lands.

Pestalto Environmental Health Services Inc. (Pestalto) has been selected by WECHU as the Consultant/Provider for the 2019 WNV Larviciding Program for Windsor-Essex.

Correspondence to the MECP and Pestalto authorizing the application of larvicides in water bodies such as catch basins and ditches found to contain mosquito species known to transmit the WNV within the Town of Tecumseh was returned in accordance with the Medical Officer of Health's request.

Consultations

Financial Services
Windsor Essex County Health Unit

Financial Implications

Municipalities will be required to pay for the entire program up front. Once the program funding/budget is formally approved, the WECHU will reimburse municipalities for their share of the provincial contribution.

Similar to past practice, the WECHU will coordinate this program and invoice each municipality for their share of costs.

The 2019 Public Works Operating Budget includes \$6,000 to maintain the risk management program to help combat the WNV, which historically has been sufficient to fund the Town's share of program costs.

The budget was set at \$6,000 based on the historic 75% - 25% cost sharing between the province and municipality respectively. WECHU has indicated that this year's program is expected to have a cost sharing of 70% - 30% between the province and municipalities. This change is not expected to significantly affect funding allocated in the 2019 Public Works Operating Budget.

Link to Strategic Priorities

Applicable	2017-18 Strategic Priorities
<input checked="" type="checkbox"/>	Make the Town of Tecumseh an even better place to live, work and invest through a shared vision for our residents and newcomers.
<input type="checkbox"/>	Ensure that the Town of Tecumseh's current and future growth is built upon the principles of sustainability and strategic decision-making.
<input checked="" type="checkbox"/>	Integrate the principles of health and wellness into all of the Town of Tecumseh's plans and priorities.
<input checked="" type="checkbox"/>	Steward the Town's "continuous improvement" approach to municipal service delivery to residents and businesses.
<input checked="" type="checkbox"/>	Demonstrate the Town's leadership role in the community by promoting good governance and community engagement, by bringing together organizations serving the Town and the region to pursue common goals.

Communications

Not applicable ☒

Website ☐

Social Media ☐

News Release ☐

Local Newspaper ☐

This report has been reviewed by Senior Administration as indicated below and recommended for submission by the Chief Administrative Officer.

Prepared by:

Cheryl Curran, BES
Clerk I Administrative Clerk

Reviewed by:

Kirby McArdle, P.Eng.
Manager Roads & Fleet

Reviewed by:

Phil Bartnik, P.Eng.
Director Public Works & Environmental Services

Reviewed by:

Tom Kitsos, CPA, CMA, BComm
Deputy Treasurer & Tax Collector

Recommended by:

Margaret Misek-Evans, MCIP, RPP
Chief Administrative Officer

**Attachment
Number**

**Attachment
Name**

1	Appendix A – Cases of West Nile Virus Illness in Humans in Windsor-Essex County (2005-2018)
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