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Date: September 9, 2019
To: Mayor and Council
Author: Dan Wolicki, Manager of Municipal Facilities and Properties
RE: Water Bottle Refilling Stations
Report No.: MS 2019-36

AIM

To provide Council with an update regarding the implementation of water bottle refilling stations within suitable town-owned buildings and parks.

BACKGROUND

This report is in response to Council's direction to investigate the feasibility of installing a water bottle refilling station at the Carnegie Arts & Visitor Centre and further research other possible locations for the consideration of a water bottle refilling station.

Water bottle refilling stations provide the public with an incentive to use non-disposable water bottles and contributes to the reduction of single-use plastics. Providing publicly accessible drinking water gives residents and visitors a healthy and environmentally responsible method in support of disrupting single-use habits and staying hydrated

DISCUSSION

Water bottle refilling stations are environmentally sustainable and promotes positive public health practices and encourages residents to make choices aimed at reducing plastic waste.

A number of refilling stations models were explored to determine if the attributes of each unit considered the following:

- Accessibility
- Cost
- Ease of Installation
- Components (type of bottle filler, size of unit)
- Ease of cleaning and maintenance

- Vandal resistant

The preferred model for indoor usage is the Elkay EZH20 Surface Mount Refilling Station W/Filter, Stainless Steel LZWSSM and for outdoor usage is Elkay LK4405BF Single Level Wall-Mount Outdoor Fountain with Water Refilling Station.

Attached in Appendix A provides information on each preferred model. Associated costs for the purchase of each model is identified in Table 1.

Table 1

Type of Use	Model	Cost
Indoor	Elkay EZH20 Surface Mount Refilling Station W/Filter, Stainless Steel LZWSSM	\$1,450.00 (excluding HST)
Outdoor	Elkay LK4405BF Single Level Wall-Mount Outdoor Fountain with Water Refilling Station	\$3,475.00 (excluding HST)

The associated costs of \$3,650.00 have been determined for the Carnegie Arts & Visitor Centre of installing a water bottle refilling station based from the cost to purchase the unit and labour for the installation.

The following locations listed in Table 2 have been examined and are recommended as suitable locations for the implementation of water bottle refilling stations:

Table 2

Location	Type of Use
Arena	Outdoor (Baseball Pavilion) Indoor (Old Front Lobby)
Lakeside Park	Outdoor (Outdoor Washrooms)
Ridgeview Park	Outdoor (Ridgeview Hall)
Town Hall	Indoor (Public Washrooms Hallway)
Grovedale Community Centre	Indoor (W/C Hallway)
Lions Park	Outdoor (Incorporated with Development Project)
Mettawas Park	Outdoor (Incorporated with Development Project)

Each recommended site was considered based on availability of drainage, electrical power and water supply. Some adjustments to the locations are necessary as one or more of these required elements were not available at some of the recommended locations. Installation costs will vary at each recommended site pending the amount of labour and materials to connect the required services.

LINK TO STRATEGIC PLAN

Improve recreational and cultural facilities and opportunities within the Town of Kingsville.

FINANCIAL CONSIDERATIONS

The financial cost for the purchase of the water bottle refilling station and labour for the installation at the Carnegie Arts & Visitor Centre is \$3,650.00 which will be absorbed through the operational budget. It is recommended that the implementation of water bottle refilling stations at other suitable facilities and parks be considered for 2020 Capital budget due to associated costs.

CONSULTATIONS

Global Industrial
Warkentin Plumbing
Phasor Industrial
Municipal Services

RECOMMENDATION

For Council to receive the report and that the implementation for the installation of water bottle refilling stations be considered in the 2020 Capital budget.

Dan Wolicki

Dan Wolicki
Manager of Municipal Facilities and Properties

G.A. Plancke

G.A. Plancke, Civil Eng. Tech (Env)
Director of Municipal Services

Peggy Van Mierlo-West

Peggy Van Mierlo-West, C.E.T.
Chief Administrative Officer