



# AGENDA

## LAWSS Board Meeting

Thursday, April 27<sup>th</sup>, 2017  
10 a.m.

Lambton Area Water Supply System – 1215 Fort Street, Sarnia, Ontario N7V 1M1

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### 1. Declaration Of Pecuniary Or Conflict Of Interest

### 2. Approval of Regular Agenda Minutes

*Portable document format (pdf) copy of the minutes for the March 30<sup>th</sup>, 2017 meeting is attached to this agenda.*

“That the minutes of the March 30<sup>th</sup>, 2017 LAWSS board meeting be adopted.”

Moved by:

Seconded by:

Carried/Defeated

### 4. LAWSS Monthly Financial Statements

*Pdfs of the January and February 2017 LAWSS budget statement and cash balance sheet are attached for review and approval.*

“That the Board accept the final financial statement and cash balance sheet for January and February 2017.”

Moved by:

Seconded by:

Carried/Defeated

## 5. OCWA Operational Statements

*The operational statement and other materials from OCWA for February 2017 are attached as pdfs.*

“That the Board accepts the February 2017 operational statements and other materials from OCWA.”

Moved by:  
Seconded by:  
Carried/Defeated

## 6. 2016 and 2017 Capital Projects

The following present 2016 and 2017 Budget projects for Capital Work. *Summary of the capital and major maintenance projects including purchase orders (POs) issued and money spent for January and February 2017 are attached as pdfs.*

### Items for Consideration:

- a) 2016 Abandoning 24” Water main and Installation of Valve on Monk St. - \$100,000:  
*The letter from MIG regarding their recommendation for grouting is attached as a pdf. Point Edward Water Committee (to be confirmed by Council) has requested that we also grout the newly abandoned section through their parking lot. The revised cost prepared by MIG for this reduced scope is attached. This cost of \$274,329.10 plus HST will be confirmed by COPE after they have been sent the revised drawing. MIG also confirmed that COPE continues to be the low bidder for this project with the reduced grouting scope.*

“Motion to hire COPE for a fee of \$274,329.10 plus HST from the Reserve Account to decommission the 24” water main which includes dewatering and grouting the water main sections under Monk St., the Point Edward Arena Parking Lot, and Under the 402.”

Moved by:  
Seconded by:  
Carried/Defeated

“Motion to approve hiring MIG for construction services including updating drawings for COPE for an upset limit fee of \$19,900 plus HST.”

Moved by:  
Seconded by:  
Carried/Defeated

## Items for Information:

- b) 2017 Reserve Project - Emergency Repair Increased Cooling Capacity in Electrical Room - \$50,000: Work ongoing.
- c) 2017 Capital Project – Painting or Replacing Forest Water Tower - \$1,400,000: Kick off meeting held with OCWA and WSP on Wednesday, April 19<sup>th</sup>, 2017.
- d) 2016 Main Plant HVAC Replacement (Carryover) - \$587,383: Work ongoing.
- e) 2016 Engineering Studies - \$100,000: New LAWSS website up and running. LAWSS General Manager working on Terms of Reference for Water Optimization Study related to member municipalities 20-year water requirements.
- f) 2017 SCADA Work - \$150,000 – Work ongoing on request for proposal for LAWSS radio and PLC upgrade project.

“Motion to move items (b) to (f) as information.”

Moved by:

Seconded by:

Carried/Defeated

## 7. Ongoing Issues

- a) Water Flows: *The water flow sheet for February 2017 is attached as a pdf.*
- b) Emergency Repair of Chamber along Zion Line at Bear Creek in Township of Warwick: Locates have been released and work tentatively scheduled for first week of May.
- c) Permission to Install Antenna and Store Equipment at LAWSS Water Towers for Lambton County Fire: Fire Service Antennas have been installed on Port Lambton and Watford Water Towers.
- d) Law Suit Related to A Trip and Fall on Federal Property Adjacent to LAWSS and in the - area of the Repaired Shoreline Protection: No Update.
- e) Inclusion of Wyoming Water Tower and Brigden Water Tower as part of LAWSS’ Assets: *A second letter from the City of Sarnia regarding this motion is attached as a pdf.*
- f) HST Ruling for LAWSS: LAWSS General Manager has been working with Revenue Canada and expects a ruling shortly.

- g) New Employees at LAWSS: The job posting for the Water System Engineering Technologist has closed and LAWSS received about 10 resumes. The current LAWSS administrative assistant has also given her notice and will be finished May 2<sup>nd</sup>. The LAWSS General Manager would like to acknowledge the excellent work of Chrissy Feenstra and wish her well in her new and expanding business ventures. A posting for the admin position has gone up through the City of Sarnia and closed April 19th. Four resumes were received for the position and interviews were held on Wednesday, April 26<sup>th</sup>.
- h) Request to Place Antennas on LAWSS Water Towers from Merlink and Beyond Air: Will not be considered until Fire Service and LAWSS antennas are in place.
- i) Lead Sampling Study for City of Sarnia: LAWSS has provided consultant data and information about LAWSS for their consideration of corrosion control. Conference call was held on April 21, 2017.
- j) Lead Sampling for Member Municipalities: The Summary Sheet has been added to the lead reports as requested. The Winter 2016 Lead Reports have been released and the LAWSS General Manager has requested that these get shared to individual councils.
- k) LAWSS Switching to Become a Class A Energy Customer: Work ongoing.
- l) Combined Heat and Power Natural Gas Generator: Work ongoing.

## 8. New Business

- a) Point of Order at LAWSS Board Meetings: As per the Transfer Order each Municipality has one designated representative selected from their Council to be a member of the LAWSS Board. They may also appoint an Alternate Representative, who in absence of the designated representative, may speak and vote on their behalf. If the alternate/technical representative wishes to address the Board they should contact the General Manager and asked to be placed on the agenda to present a prepared presentation.
- b) Greenhouses: LAWSS General Manager has learned that typically a greenhouse would have a Water Management Plan. It is recommended that any greenhouses that want water from LAWSS should submit their Water Management Plan to LAWSS. It has been learned that all fruit greenhouses in the Region of Niagara are required by by-law to re-use all rain water that lands on their roofs. In addition, the CAO of Enniskillen has informed me that Enniskillen Pepper (located on LaSalle Line) has significantly reduced their water usage over the years since it has been built. It was also learned that typically a greenhouse would have 2 days of water storage on site. The LAWSS General Manager met Dr. Ann Huber at the Lambton Water Conference at Lambton College. She works for the Soil Resource Group (519-341-2176) and she has developed several water management plans for greenhouses. Given this she may

be a useful resource person for LAWSS to assess whether the water management plans submitted to LAWSS are using best available technologies. It is reasoned that LAWSS and its members would want to avoid spending millions of dollars to oversize infrastructure that may never be used due to recycling efforts that may occur after these greenhouses are built. It should be noted that the new Greenhouse to be built in Dawn-Euphemia Township has requested 30 L/s from the Town of Petrolia. The Town of Petrolia is now determining how much they can supply the greenhouse.

- c) LAWSS Admin HVAC: The first stage compressor was damaged and HTS believe it was from fouling of the heat exchanger. Efficiency Engineering is working with Poleair and HTS to determine if the compressor can be repaired under warranty. OCWA is currently arranging to have a contractor come in and test the water quality in the heating/cooling loop as well as de-foul the heat exchanger. One issue was there was no guidance from either Poleair or HTS regarding checking the water quality in the water loop on a regular basis which may have caused the heat exchanger to foul. In addition, it is not clear why the system did not shut down automatically when the heat exchanger fouled as indicated by pressure transducers on each side of the heat exchanger.

## **9. IN-CAMERA Meeting**

The Board will adjourn to an in-camera meeting if necessary.

## **10. Chair to Rise and Report on the Matters of Public Concern from the In-Camera Session**

The Chair will report as required.

## **11. Adjournment/Next Meeting**

“That the LAWSS Board adjourn this meeting to its next board meeting to be held on Thursday, April 27<sup>th</sup>, 2017 at 10:00 am at the LAWSS water treatment plant.”

Moved by:

Seconded by:

Carried/Defeated

**pdf Attachments:**

1. Minutes of LAWSS Board Meeting March 30th, 2017
2. LAWSS Financial Statement – January 2017
3. LAWSS Financial Statement - February 2017
4. LAWSS Cash Balance Sheet – January 2017
5. LAWSS Cash Balance Sheet – February 2017
6. OCWA Monthly Operations Report – February 2017
7. OCWA Data Report for LAWSS – February 2017
8. OCWA Health and Safety Work Order Status February 2017
9. OCWA Health and Safety Work Order Status Jan – Feb 2017
10. OCWA Work Order Status February 2017
11. OCWA Work Order Status Jan – Feb 2017
12. LAWSS Project List – January 2017
13. LAWSS Project List – February 2017
14. Letter from MIG regarding grouting Scope
15. Revised Cost for COPE with reduced grouting scope
16. LAWSS Flows February 2017
17. Notice of Motion from City of Sarnia dated April 13 2017