



AGENDA

LAWSS Board Meeting

Thursday, June 29th, 2017
10 a.m.

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

1. Declaration Of Pecuniary Or Conflict Of Interest

2. Presentation from OCWA Outlining LAWSS Accomplishments over the first 5 years of the 20-year term contract

3. Approval of Regular Agenda Minutes

A copy of the minutes for the May 25th, 2017 meeting is attached to this agenda.

“That the minutes of the May 25th, 2017 LAWSS board meeting be adopted.”

Moved by:

Seconded by:

Carried/Defeated

4. Approval of Special Agenda Minutes

A copy of the minutes for the June 8th, 2017 meeting is attached to this agenda.

“That the minutes of the June 8th, 2017 LAWSS board meeting be adopted.”

Moved by:

Seconded by:

Carried/Defeated

5. LAWSS Monthly Financial Statements

A copy of the April 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 April 2017.”

Moved by:
Seconded by:
Carried/Defeated

6. OCWA Operational Statements

The operational statement and other materials from OCWA for April 2017 are attached.

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

Moved by:
Seconded by:
Carried/Defeated

7. 2017 Capital Projects

The following presents the 2017 Budget projects for Capital Work. *Summary of the capital and major maintenance projects including purchase orders (POs) issued and money spent for April 2017 are attached.*

Items for Consideration:

- a) Forest Standpipe Repainting: OCWA will make a presentation on the results of the two bids received related to the Forest Tower Repainting tender. The presentation will also include cost estimates for a new Greatario tank(s). Life cycle costs for both types of stand pipes (i.e., steel and Greatario) will also be discussed and presented. OCWA will then present their recommended approach for moving forward.
- b) Highlift Pump 3 (HLP3) (400 hp) Emergency Repair Required: Due to vibration issues OCWA stopped using highlift pump #3 on May 8, 2017. The LAWSS General Manager was notified on June 6, 2017. Given the fact that LAWSS only has 3 highlift pumps (2, 800 hp) and this 400 hp pump it is recommended that this pump get repaired as soon as possible. In addition, not having this 400 hp pump to use as a second pump will cause an increase in energy costs for LAWSS. LAWSS has already previously received a quote for a capital project

from ASL Roteq to modify the bowl assembly which was planned to take place in 2018. This design will save about 100 hp when operating the pump. This would have happened since the bowl would be trimmed to the correct discharge pressure and extensive use of the Ross valve is not required. The cost is \$67,167 plus HST. Under the contract OCWA will pay the first \$7,500 for the repair.

“Motion to approve spending \$67,167 plus HST to repair the pump and modify the bowl assembly on this pump.”

Moved by:
Seconded by:
Carried/Defeated

Items for Information:

- c) 2016 Engineering Studies - \$100,000: No additional information has been submitted for the project background and project requirements related to the expansion of LAWSS to meet 20-year demands. This Request for Proposal (RFP) will be sent out following the July Board meeting.
- d) 2017 SCADA Work - \$150,000 – Kick-off meeting held with WSP on Tuesday, June 20th.
- e) 2016 Abandoning 24” Water main and Installation of Valve on Monk St. - \$100,000: Kick off meeting held June 9th and work began on June 27th.
- f) 2017 Reserve Project - Emergency Repair Increased Cooling Capacity in Electrical Room - \$50,000: Work ongoing with equipment arriving on site July 10th.
- g) 2016 Main Plant HVAC Replacement (Carryover) - \$587,383: Insulation work ongoing.

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

Moved by:
Seconded by:
Carried/Defeated

8. Ongoing Issues

- a) Water Flows: *The water flow sheet for April 2017 is attached as a pdf.*
- b) Permission to Install Antenna and Store Equipment at LAWSS Water Towers for Lambton County Fire: Work ongoing.

- c) 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.
- d) Inclusion of Wyoming Water Tower and Brigden Water Tower as part of LAWSS' Assets: No update.
- e) HST Ruling for LAWSS: LAWSS has registered to collect HST and this was back dated to February 21, 2014. HST was back charged to the Coast Guard for 2014-2016. LAWSS has to now resubmit GST/HST documents for 2014-2016.
- f) Water System Engineering Technologist Position at LAWSS: New employee starts on Monday, July 10th.
- g) 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.
- h) Corrosion Control Study for City of Sarnia: Work Ongoing and Lead Samples being taken.
- i) Combined Heat and Power Natural Gas Generator at LAWSS Study: Work ongoing. Kick off meeting will occur in July.
- j) LAWSS Policy for Honoring Deceased Former LAWSS Board Members and Technical Staff Representatives: Work ongoing.

9. New Business

- a) Proposed Second Hot Tap in the Area of 5626 Confederation Line: The report prepared by Stantec will be available at the meeting. The report reveals that under maximum use conditions and with the existing pump capacity at our East Lambton Booster Station (45 L/s) water that is drawn at the maximum rate from both hot taps in the area of 5626 Confederation would negatively affect LAWSS' system. The report does comment that LAWSS could turn on an additional pump at the ELBS but that is very costly in terms of energy and would only give add about another 10-15 L/s of water (from an additional 45 L/s pump). In addition, low pressure conditions could occur before the second pump can be turned on. While it is understood that there is no plan for the farmer to use the maximum amount of water from either of these hot taps it is also understood that once a hot tap is in place there is no control over how much water once could use (e.g., person could build water storage tanks on site). The LAWSS General Manager's recommendation would be that Plympton-Wyoming enter into a written agreement with the property owner to say that their maximum water use from both hot taps would be that from his existing hot tap - maximum 3.8 L/s (see Table 6 in attached report). This agreement could be enforced by Plympton-Wyoming through monitoring the total metered water use for both the hot taps. This recommendation has been accepted by both Plympton-Wyoming and the farmer at 5626 Confederation Line.

“Motion to approve the 2” hot tap at 5626 Confederation Line under the condition that a written agreement is in place between Plympton-Wyoming and the property owner limiting the water use from both hot taps (from this property and nearby property) to be 3.8 L/s.”

Moved by:

Seconded by:

Carried/Defeated

- b) Servicing Connection Request for 4 lots on Bonnie Doone Road from the Town of Plympton-Wyoming: *The memo and background materials from the Town of Plympton-Wyoming is attached.* The LAWSS General Manager did not approve this request as there is a municipal water main in the area that the properties could hook into. In addition, the decision was based on an ongoing effort to reduce the number of hot taps into our transmission mains. In addition, the properties will face Bonnie Doone Road and connection to LAWSS would require the water lines to travel behind the houses to the LAWSS water main along Lakeshore. Note that the cost estimates provided only go to the property line and therefore costs for the required water main from the house to Lakeshore (could be as much as 400 m of 1” water main depending on location of house) and the cost for meter pits for each connection were not included in the LAWSS connection costs provided.

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, July 27th, 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 May 25th, 2017
2. Minutes of the Special LAWSS Board Meeting June 8th, 2017
3. LAWSS Financial Statement – April 2017
4. LAWSS Cash Balance Sheet – April 2017
5. OCWA Monthly Operations Report – April 2017
6. OCWA Data Report for LAWSS – April 2017
7. OCWA Health and Safety Work Order Status April 2017
8. OCWA Health and Safety Work Order Status Jan – April 2017
9. OCWA Work Order Status April 2017
10. OCWA Work Order Status Jan – Apr 2017
11. LAWSS Project List – April 2017
12. LAWSS Flows April 2017
13. Background Materials – Servicing Request 7096 Bonnie Doone Road
14. Memo to LAWSS – Servicing Request 7096 Bonnie Doone Road

Handout:

1. Final Report on Proposed New Hot Tap at 5626 Confederation Line