

Minutes

LAWSS Technical Team Meeting



Thursday September 12, 2019

3pm

Lambton Area Water System WTP – 1215 Fort Street, Sarnia ON N7V 1M1

Attendees:

Brain Black St. Clair Township

Adam Sobanski - Town of Plympton-Wyoming

Pratt Rawat - City of Sarnia

David Jackson - City of Sarnia

Nick Verhoeven - Municipality of Lambton Shores

Dave Hunt – OCWA

Clinton Harper - LAWSS

Regrets:

Andrew Maver- Township of Warwick

Jay Verstraeten - Village of Point Edward

1. New Business

a) AECOM- 20yr Plan – TM#3 Update:

AECOM presented the DRAFT TM#4 of the LAWSS 20yr Growth Plan to the LAWSS Technical Team on September 12, 2019 at 3pm. The following changes were requested:

- Project financing explored in TM#4 is limited to what AECOM considers to be non-growth related. In the DRAFT Report DC is assumed to fund 2/3 of projects proposed. A water rate increase is proposed to cover what is considered non-growth or approx. 1/3 of total projected costs. Group requested an additional column in each section that expressed an overall non-DC approach to funding of all project.
- Table #7 needs to be updated to reflect population of the Municipality of Lambton Shores serviced by LAWSS and not total population of the Municipality.
- Major investment in the LAWSS is expended in the upcoming years for infrastructure renewal and upgrade. The Team requests a thorough review of the LAWSS Transfer Order, with the assistance of legal counsel, to assist in

understanding the scope/limits of member municipalities obligations to the System.

Finalized 20yr Growth Plan is expected to be presented to the LAWSS Board on September 26, 2019. The document is a “high-level” engineering document that has identified existing issues with the LAWSS. In the 2020 LAWSS Budget proposal it will be requested that these issues, and their full Municipal Class Environmental Assessment, be incorporated into a rebuild of the LAWSS Master Plan in 2020.

b) GIS Update:

LAWSS GIS Update is complete and has been uploaded to the County’s servers. The database kept at the County of Lambton is LAWSS primary data and will be updated remotely from LAWSS on a continual basis through the new Geocortex portal. Viewing access through the portal was provided to members of the LAWSS Technical Team the week of September 2, 2019. The County has been asked to integrate the LAWSS portal with the municipal portals for the two members that already use the County’s GIS system for separate in-house municipality specific applications.

2. Ongoing Items

a) Emergency Preparedness Exercise development:

The emergency scenario that has been proposed at LAWSS involves a event that requires the complete re-commissioning of the LAWSS system and resulting systematic re-commissioning of the entire distribution network. The scenario requires the expertise of three separate groups in Lambton County. A tabletop exercise, that will bring the three groups together, has been postponed to the summer of 2020.

Group #1- Re-commissioning of System – In the event of an actual emergency, OCWA and the local municipal water operators will be needed to complete this task. How this task will be coordinated between the various municipal groups will be discussed at the next meeting of the LAWSS technical group on November 14th.

Group #2- Temporary delivery of potable water – local Community Emergency Management Coordinators (CEMCs) to coordinate under the direction of the Lambton County CEMC. In the summer of 2019, I presented this scenario at one of the quarterly meeting of the individual CEMC groups at the Lambton of County Administration Building. The Lambton County CEMC group is interested in completing this scenario in 2020.

Group #3- Temporary Fire Protection – Local Fire to coordinate. I plan to attend the next quarterly meeting of the individual Fire representatives to present the scenario and request their assistance in running the scenario in 2020.

The Lake Huron Primary Water Supply (LHPWS) and LAWSS have both recently completed updates to the hydraulic models of the overall systems. These models are independent of each other and are both currently housed with AECOM. In a joint effort to better understand support limitations, various joint scenarios are being explored. These scenarios will gauge LHPWS's ability to supply LAWSS in an emergency situation and vice versa. Report to follow.

3. Meeting Frequency:

The LAWSS Technical Team currently meets quarterly. The group believes that this frequency is adequate and should be maintained in 2020. LAWSS GM may still request special meetings of the group as needed.

4. Next Meeting

The next LAWSS Technical Team Meeting to be held on Thursday, November 14, 2019 at 10:00 am at the LAWSS water treatment plant."

Attachments: Revised TM#4 Financial Plan (20 Year Plan)