



JOINT BOARD OF MANAGEMENT

Wednesday, April 20, 2022

9:00 AM

Virtually in Zoom

MINUTES

Members Present Mayor MacDonald (Vice-chair); Deputy Mayor Verbeke, Councillors
Dunn, Hammond, Jones Tiessen - Leamington
Mayor Santos (Chair), Deputy Mayor Queen, Councillor DeYong,
Patterson - Kingsville
Councillor VanderDoelen - Essex
Councillor Walstedt - Lakeshore

Also in Attendance: Rodney Bouchard, Union Water Supply System Manager
Christine Johnson, Recording Secretary

Municipal Staff Present: Andrew Plancke, Shaun Martinho - Town of Kingsville
Albert Dionne, Krystal Kalbol - Municipality of Lakeshore
Laura Rauch - Municipality of Leamington

OCWA Staff Present: Dale Dillen, Robin Trepanier
Ken Penney

Auditors Present: Ashely Meyer - Hicks, MacPherson, latonna, Driedger LLP

OGVG Rob Petro

Call to Order: 9:02 am

Disclosure of Pecuniary Interest: none

Adoption of Board Minutes:

No. UW-17-22

Moved by: Deputy Mayor Verbeke

Seconded by: Councillor Dunn

That the Minutes of the UWSS Joint Board of Management meeting of Wednesday,
March 16, 2022 is received.

Carried

Business Arising out of Minutes:

There was none

Report UW/09/22 dated April 14, 2022 re: Status Update of the UWSS Operations and Maintenance Activities and Capital Works to April 14, 2022

The Manager reviews his report with the Board. He explains that on April 5th a leak was found on the 24" raw water transmission main at the water treatment plant (WTP). DiMenna Excavating was retained to assist with the repairs. OCWA staff were able to complete the necessary repairs on the exposed waterline. The couplings were tightened and then a corrosion protection system (Denso) was wrapped around. The watermain was never out of service during the times of repair.

Four (4) new hydrant pressure/temperature monitoring devices have been ordered and received. Three will be located in Kingsville and one in Essex. Installation should be completed by April 21st.

The Manager reminds members that the Low Lift Pump #7 rehabilitation work is still ongoing and is scheduled for re-install later in the week and then returned to service. High Lift Pump #9 has been rehabilitated and ready for installation. OCWA staff will require a crane to reinstall this pump so the motor can be lifted back into place. Some parts are on back order and therefore this pump likely won't return to service until the first week of May 2022.

Operations staff noticed a significant vibration coming from High Lift Pump #6. Inspection indicated that the bearings needed replacing and the pump needed to be rebalanced as well. DTM assisted with these repairs and the pump was returned to service at the end of March.

Another pump, High Lift Pump #4, required refurbishment. This pump was sent to Phasor in Kingsville and should be reinstalled shortly.

The Manager informs the board that on March 31st the current coagulant supplier informed OCWA that they would no longer be able to supply UWSS with the DelPAC coagulant that is currently used. This change would be effective at the end of April. ControlChem is located in Ohio and indicated that it would not be able to supply Canadian customers. Therefore, OCWA/UWSS secured a similar coagulant from Kemira Water Solutions out of Brantford. Operations started transitioning over to SternPAC on April 13th. The north tank was cleaned out in preparation for the new coagulant. Operations staff took this opportunity to put in new tank covers upgrade the system.

The Ministry of Environment, Conservation and Parks (MECP) has given UWSS a risk rating of 100% on its annual inspection that was completed on February 24, 2022.

The Manager provides an update on the DAF project. He notes that the weather has not been cooperative during this project, however, things are still moving along. There have also been delays with material shipments however, the last of the containers are currently

in Toronto and should arrive on site by the end of the week. The next four (4) weeks will be quite busy on the project site.

He notes that new aluminum stairs and access hatch for the blowdown chamber have been installed. The focus over the next four (4) weeks will concentrate on the auxiliary building, blowdown chamber, DAF Tank and electrical work. He also confirms that this project is approximately four (4) weeks behind.

Finally, the Manager notes that the flows are down at this point of the year as the weather has been considerably cooler and wetter.

Councillor Patterson ask the Manager if all watermain repairs are using Denso as a form of corrosion control. He notes that it is more expensive but does a great job. The operations Manager notes that there is not a policy set in stone to use Denso, but he believes a lot of distribution staff use it as it provides peace of mind.

Councillor Jones asks for clarification on the change in coagulant. He would like to know if this was a shipping issue or a legislative issue. The Manager notes that the change did take staff by surprise as this coagulant worked best at the time. However he explains that having a supplier only 3.5 hours away in Brantford and not having to cross the border is a good change and Kemira is a reputable company with a very similar product.

The Chair asks for clarification on the waste product of the new coagulant. The Operations Manager explains that there is a small concern that the this new coagulant won't perform as well, but notes that there are ways to tweak the coagulation process to make it work for effectively. In the past there have been issues with the aluminum residual in the hot summer weather from other coagulants used in the past. This will be closely monitored.

No. UW-18-22

Moved by: Deputy Queen

Seconded by: Councillor Walstedt

That Report dated April 14, 2022 re: Status Update of the UWSS Operations and Maintenance Activities and Capital Words to April 14, 2022 is received.

Carried

Report UW/10/22 dated April 12, 2022 re: UWSS 2021 Financial Report

Director of Finance and Business Services for the Municipality of Leamington, Laura Rauch, was in attendance to provide members of the Board with her report. Ms. Rauch noted that the auditor, Ashley Meyer of HMID, was present as well.

She directed members to highlights of her report, noting the following

- Financial Assets increased by \$719,000, primarily due to cash
- Financial Liabilities increased by \$721,000, as a result of increased amounts owing for related party transactions

- Non-financial assets have increased by \$7.0 million which includes 2021 capital additions
- Capital asset purchases include Land, DAF, KWT rehabilitation, Filter Replacement/Rehab and Low Lift Station rehabilitation
- The 2021 ending balance of accumulated surplus under PSAB has increased by \$5.5 million

The auditors have provided their opinion that this report is a fair representation of the UWSS's financial position as of December 31, 2021.

No. UW-19-22

Moved by: Councillor Hammond

Seconded by: Councillor Tiessen

That the 2021 Financial Report for the Union Water Supply System Joint Board of Management is approved.

Carried

Ashely Meyer leaves the meeting.

Presentation by the UWSS Manager on the results of the UWSS-WUC Emergency Water Supply Study

The Manager reminds members of the ongoing study between UWSS and Windsor Utilities Commission (WUC) to determine whether either water system could supply the other in the case of an emergency situation.

He notes that the study was conducted with UWSS and WUC with the assistance of consulting firms Stantec and C3 Water. The object of the study was to determine whether or not the risk to each system could be reduced in an emergency by improving existing interconnects between the systems or adding new infrastructure..

The scope of the study looked at the water treatment plants, pump stations, elevated storage facilities, water model review, and population projections and then provided a report with a summary of findings.

The study looked at just providing enough water to allow each system to basically keep things running until any emergency was over. In the case of the WUC they would experience a significantly reduced demand due to the smaller available capacity of UWSS. WUC would be able to meet UWSS' average day demand. In such cases, restrictions would be placed on was uses to lower demands to the appropriate emergency servicing levels.

The Manager noted there is a significant hydraulic gradient difference between both systems, with UWSS being at a higher gradient than WUC. This would mean that WUC would require pumps to push the water back up and over to the UWSS system.

The Manager then reviewed the four (4) short listed options provided for in the engineering consultants report. He reviewed each option and the costs of each potential option. He does explain that the costs for any option are quite high, but reviews how some of the options could be beneficial to UWSS and the areas north of the system and reminds members that costs would be shared with WUC.

Councillor Jones asks if other systems in Ontario have this type of redundancy in place, and if so how is this type of project funded. The Operations Manager explains that through the DWQMS system there is a risk assessment conducted and is reviewed every three (3) years. Many other municipalities that have this type of emergency redundancy in place fund such projects through their funding model.

Councillor Walstedt and Hammond both have to leave the meeting.

Again, the Manager reminds members that this is a solution for linking the two (2) systems for emergency purposes only. Not with the intent of ever becoming one system. He notes that there could be grant funding available for such an interesting and dynamic project.

The Chair and Vice Chair provide their opinions, noting that being prepared for any potential emergency is forward thinking and should be considered. UWSS doesn't want to find out too late that they weren't prepared.

Councillor Tiessen notes that any of the industries locally losing water during some of the key summer months could be absolutely devastating for our area. He further explains that everyone carries insurance for their cars and homes, why not consider this idea as an insurance policy for the UWSS.

Councillor DeYong, considers who is paying for the growth within the UWSS. Does this fall back on the ratepayers? She notes that since the governance/restructuring agreement for UWSS has not been sorted out as of yet, does UWSS really want to start getting into a complicated agreement with the WUC? The Manager notes that the system is always at risk due to our water storage issues, the system is old and issues are always creeping up. He does also note that restructuring is moving along nicely, with his intent to go before councils in June of 2022 with the hopes that UWSS Corp. would be live by January 2023.

Councillor VanderDoelen notes that the 3rd option presented seems logical. He notes that spending slightly more money to obtain better emergency coverage seems prudent.

Deputy Mayor Verbeke asks whether consideration was given to interconnects to other smaller systems surrounding UWSS. The Manager notes that all of the other systems are too small to be able to provide a significant amount of water to UWSS.

The Manager indicates he is looking for direction from the Board as to what next steps might look like and whether this should be explored further.

No. UW-20-22

Moved by: Deputy Mayor Queen

Seconded by: Councillor Jones

That the presentation UWSS-WUC Emergency Water Supply Study is received; and

That the Manager bring a follow up report to the Board at the May 2022 Board meeting, with the potential to consider moving forward with more details.

Carried

New Business:

No new business

Adjournment:

No. UW-21-22

Moved by: Councillor Dunn

Seconded by: Councillor Tiessen

Time: 10:15 am

Date of Next Meeting: May 18th, 2022 (TBD)

/kmj