



JOINT BOARD OF MANAGEMENT

Wednesday, October 19, 2022
9:00 am

MINUTES

Members Present Mayor MacDonald (Vice-chair); Deputy Mayor Verbeke, Councillors
Union Water Dunn, Hammond, Tiessen - Leamington
Supply System Deputy Mayor Queen, Councillor DeYong, Patterson - Kingsville
 Councillor VanderDoelen - Essex
 Councillor Walstedt - Lakeshore

Members absent Councillor Wilkinson - Leamington
 Alternate - Kingsville

Also in Attendance: Rodney Bouchard, Union Water Supply System Manager
For UWSS Khristine Johnson, Recording Secretary

Municipal Staff Rob Mackie - Town of Essex
Present: Shaun Martinho - Town of Kingsville
 Shannon Belleau - Municipality of Leamington

OCWA Staff Dale Dillen
Present:

Call to Order: 9:07 am

Disclosure of Pecuniary Interest: none

Adoption of Board Minutes:

No. UW-41-22

Moved by: Deputy Mayor Queen

Seconded by: Councillor Dunn

That the minutes of the Union Water Supply System Joint Board of Management meeting held on September 21, 2022 is received.

Carried

Business Arising out of Minutes:

There was none

Report UW/20/22 dated October 14, 2022 re: Status Update of UWSS Operations & Maintenance Activities and Capital Works to October 14, 2022

The Manager explains that DiMenna Excavating was retained on October 11, 2022 to excavate Clarifier #3 and #4 effluent line that has been leaking, so a more permanent repair could be completed. He notes that the pipe was not installed properly, but that this line is important to be repaired as UWSS could potentially lose half of the plant should this line fail. It was considered an emergency repair.

SAI Global has now completed their on site DWQMS inspection. The OCWA compliance staff facilitated with that inspection. Only one (1) opportunity for improvement (OFI) was noted after the inspection was complete. The OFI was in regard to the work order system and that issue has since been addressed.

As previously mentioned the protective membrane in the clear well underneath the truck way was in poor condition. Also as noted Greenflag will be completing the necessary repairs, as materials arrived on site on October 13, 2022. Rehabilitation should be completed by the end of October.

The Factory Accepted Testing (FAT) has been completed for the new PLC and installation is scheduled for October 20, 2022. Site Accepted Testing (SAT) will also be completed as part of the installation work.

The Manager informs the members that interconnects had been opened between UWSS and Harrow Colchester for approximately one (1) week. This was to assist Harrow Colchester with a major repair to their clarifier influent pipe. Approximately 26,000 m3 was provided to them, and this water usage will be invoiced to the Town of Essex.

Ten (10) new smart hydrant monitoring devices have been installed throughout the UWSS system. This brings the total monitoring program to 34 devices. Ken Penney, OCWA Operations Manager, is responsible for this and notes that valuable information has been provided with the installation of this system. UWSS is working towards providing access to the municipalities so they may utilize data during any events they may experience.

The Manager notes that DiMenna Excavating has been retained for the removal of the residual pile and transfer it to the landfill. EWSWA has given UWSS a fair price for taking the residuals. The Manager notes that 5,000 tonnes have been removed and in Spring of 2023 another lagoon will be cleaned out.

The Manager provides an update on the DAF project. He notes that this project has basically been completed, with the exception of modifications to the skimmer arms. He anticipates by the end of October that those new arms should be in place. After substantial completion by the end of the month UWSS will move into the warranty phase of the project.

The Manager then reviews the flows and confirms that they are still up over last year and the last four (4) years.

Councillor Patterson asks the Manager if he has considered using a rating/scoring system for contractors and suggests that he reach out to Kingsville staff if he is interested in reviewing their program.

Deputy Mayor Verbeke asks whether the landfill pays UWSS to take the residual pile. The Manager explains at this time no, that is not the case, but he is still hoping to have the residual rated by the MECP to allow the material to be considered ground cover.

No. UW-42-22

Moved by: Deputy Mayor Verbeke

Seconded by: Councillor Dunn

That report UW/20/22 dated October 14, 2022 re: Status Update of UWSS Operations & Maintenance Activities and Capital Works to October 14, 2022 is received.

Carried (UW/20/22)

Verbal Update on DAF Phase 1 - Clarifier No. 2 Project

The Manager reminds members of the board the reasons for implementing the DAF system upgrade. He reminds members of the studies conducted by Associated Engineering (AE) over the past several years, including a stress test of the three (3) clarifiers, after which a report was issued by AE wherein it was identified that DAF would be the best way to proceed with improving the clarification process.

The Manager reviews the stats of the clarifiers and how much water each can push through the system. It has now been identified that even though the DAF system is an improvement of the clarification process the actual WTP infrastructure limits how much more water can be pushed through the system.

The Manager also reminds board members that potentially in two (2) years Clarifier #4 will be retrofitted to the DAF system as well and this will also improve the clarification process.

He also notes that as he has previously mentioned the main bottleneck is the lack of water storage capacity and with the approval of Reservoir #3 this will improve this aspect of the water treatment process. He does note that the moratorium will most likely have to be extended.

Shannon Belleau of Leamington notes that even if UWSS improves storage capacity that is not going to assist with the capacity issues. The Manager notes that the extra storage will assist with the peaks that UWSS experiences during the high heat days. He also notes that UWSS is currently working on the Albuna Water Tower (AWT) capacity issues and hoping to resolve that issue.

The Manager notes that as part of the 2023 UWSS Budget, he will be proposing to undertake an Environmental Assessment for a new membrane package water treatment plant. He would hope that this membrane facility could be functioning within five (5) years. He notes that if the UWSS wants to accommodate more capacity the next logical step is a membrane facility.

Councillor DeYong asks if the UWSS could face legal issues regarding the moratorium. The Manager notes that the moratorium is only on new applications and he doesn't anticipate any issues as UWSS has been doing what has been recommended by experts in the industry.

The Manager then discusses the restructuring and notes that documents are in their final stages of preparation and he is hopeful that the new board will be ready to go sometime around March of 2023. He notes that there is a rate setting meeting scheduled for early November, which will set the rates for the next four (4) years.

There is a discussion regarding the infrastructure that could be required based on growth projections in both residential and the greenhouse industry. The Manager notes that there has been discussion of replacing some of the original watermain lines with larger size ones when the time comes in order to accommodate that growth.

Shaun Martinho from Kingsville asks whether the moratorium will affect residential growth in any way. The Manager notes that the moratorium is still only related to the large service applications, not residential. There is then a discussion on how many industries look for alternatives when they are faced with a roadblock, and in this case the greenhouse sector will look for alternatives to water, such as well, or raw water lines.

No. UW-43-22

Moved by: Councillor DeYong

Seconded by: Deputy Mayor Qeen

That the verbal report on the DAF and following discussion is received.

Carried

New Business: none

Adjournment:

No. UW-44-22

Moved by: Councillor Tiessen

Seconded by: Councillor Hammond

Date of Next Meeting: TBD