

**THE UNION WATER SUPPLY SYSTEM**  
**JOINT BOARD OF MANAGEMENT**  
**MINUTES OF MEETING**  
**HELD MAY 31, 2017 AT 9 AM**  
**IN KINGSVILLE COMMUNITY ROOM - KINGSVILLE ARENA**

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Members Present: Deputy Mayor MacDonald (Chair); Mayor Paterson, Councillors Jacobs, Hammond, Verbeke - Leamington  
Mayor Nelson Santos (Vice-Chair); Councillors Gaffan, Neufeld, Patterson - Kingsville

Members Absent: Councillor Dunn - Leamington  
Mayor McDermott - Essex  
Councillor Diemer - Lakeshore

UWSS Staff: Rodney Bouchard, Union Water Supply System Manager  
Christine Johnson, Recording Secretary

OCWA Staff Present: Dave Jubenville, Dale Dillen, Ken Penney

Municipal Staff Present: Kevin Girard

**Call to Order: 9:01 am**

**Disclosures of Pecuniary Interest: None**

**Adoption of UWSS Joint Board of Management Minutes:**

Minutes of the Union Water Supply System Joint Board of Management Board meeting of February 19, 2017.

**No. UW-30-17**

Moved by: Councillor Patterson  
Seconded by: Mayor Paterson

That Minutes of the UWSS Joint Board of Management of the meeting of April 19, 2017 be adopted.

Carried

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## **Business Arising Out of the Minutes:**

The Manager provides the UWSS Board members with follow up information from the April 19, 2017 meeting. He notes that several items of improvement were noted in the MOECC Inspection Report and confirms that OCWA staff have implemented said recommendations. As well SOPs have been created to address the operators doing rounds while on shift.

He also indicates that sampling has commenced on the residual pile west of the treatment plant, which was a recommendation of the MOECC Inspection Report.

Finally, he notes that as of April 21, 2017 the Manager has moved \$10 million worth of reserves into a GIC through WFCU for five (5) years, which he was instructed to complete at that last UWSS Board meeting.

## **Report UW/15/17 May 26, 2017 re: Status of UWSS Operations & Maintenance and Capital Works to May 26, 2017.**

The Manager reviews his report with the board and notes the changes he has made to said report. He has created a report that encompasses greater detail of the projects that are ongoing. He hopes that the members will see value in more details of what is taking place at the WTP and UWSS properties.

As per usual OCWA staff are continuing to maintain all UWSS facilities and properties. He notes that Continental Carbon Group were on site between May 1<sup>st</sup> and 17<sup>th</sup> to complete the media replacement in Filters #5 and #7. The old media was removed and is sitting on site as it will be removed over the course of the summer. OCWA staff were able to enter the filters to inspect and make any necessary repairs, then disinfect, backwash and return to service. The Manager indicates that next year filters #6 and #8 are scheduled to go through the same process.

Several other projects have been taking place, such as the inspection of Reservoir #1 by Watech Services. The Manager expects to receive a report on their findings shortly. The High Lift Pump #4 has been replaced by ASL Roteq, staff is waiting on final guarding and disinfection to take place and it will be returned to service.

Upon maintenance check of Clarifier #3 it was determined that the gear box was losing oil and showing more wear than expected. It has been taken out of service, (currently the plant is running on 3 clarifiers, rather than 4 and has been sent to ASL Roteq for repairs and should take approximately one month to get back in service.

Phasor is on site running cables at the Low Lift in order to allow the portable generator to be hooked up, should the need arise. This work should take approximately one month.

The Dissolved Air Flotation (DAF) pilot study has taken place over the last month. Associated Engineering (AE) is the project manager and the unit is supplied by Roberts Filter of out of the USA. During AE's testing of the water during pilot study things were

looking decent until Lake Erie produced a very high turbidity event. The DAF plant could not handle the high turbidity, which was not what was expected. The DAF system was providing worse clarification than currently in place. The Manager noted that this is why pilot testing takes place. However, the Manager was at a Conference when he ran into owners of the Robert's Filter and after a conversation it was determined that Robert's Filter staff would attend the UWSS site and attempt to make adjustments to the DAF unit. After the modifications were made, namely adding in approximately more nozzles (allowing for more bubbles). As the modified unit was running the OCWA staff created an artificial turbidity event to determine if the DAF could handle the higher turbidity. The DAF unit handled the event beautifully. The Manager is now awaiting the reports from AE and Robert's Filters. He feels that this was a successful pilot.

The Manager informs members of the board that the meter chamber, located in front of the new Leamington High School, is in the path of the drop off lane. Staff have been in conversation with engineers on site. It was determined that UWSS's own engineer would analyze the chamber to determine if it was capable of handling the loads that would be going over it. Stantec Consulting Ltd. attended the scene and has provided an analysis that deems the chamber unsuitable to carry any load. If the drop off lane is to remain as planned the chamber will have to be re-engineered. This information has been provided to the engineer at the new high school site. UWSS has not heard back as this point. The Board asks if there has been any damage sustained already by the heavy equipment. The Manager confirms that no damage has been sustained at this point.

The Manager reports to the board that on May 18<sup>th</sup> the 16 inch watermain suffered a break, when the contractor working for Gosfield North Communications struck our line. The Town of Kingsville staff took over the lead with OCWA staff on site to assist. A boil water advisory was issued for the area, which happened to be over the long weekend, until all samples came back clean. The Manager explains that fiber optic line was being installed when the contractor dug down too far striking our line. The locates were all in place prior to the contractor commencing work, however, other utility lines were also in the area and the contractor was told to move, which happened to be directly over the UWSS watermain. The Manager notes that the contractor involved is now disputing the costs. The UWSS Board will be informed on the status of this issue as more information is obtained.

The Manager informs members of an Adverse Water Quality Incident (AWQI) on May 24<sup>th</sup>. He notes that all samples at this point have come back clean, however, a sampling error occurred and this will cause UWSS/OCWA to take major non-compliance during the next inspection. OCWA staff is addressing the error with updated training for staff members.

Flowmetrix will be assisting with a flow study for Meters #4, #17 and #27, which are the Highbury Meters. The Manager reminds members that there is money in the budget for meter replacement if need be. It is felt that perhaps the meters currently in place are oversized for the job at hand.

OCWA engineering services has been retained regarding the Essex Water Tower rehabilitation project. The first on site meeting occurred on May 29<sup>th</sup>, with all relevant parties present. The Manager is hopeful that the tendering project and contractor selection should be completed by the end of July with work commencing in September.

There will be testing to ensure that everything is in place to handle Essex Water Tower being offline.

The Manager informs members of the Board that Associated Engineering (AE) has been retained to assist with the management of the SCADA upgrade project and he reminds members that this is a very large project with \$1.2 million in the budget for the upgraded system, which he expects to have completed in the Spring or Summer of 2018.

The MOECC updated the UWSS's Drinking Water Licence and the Drinking Water Works Permit by changing some language regarding disinfection procedures and notes that the changes should make things slightly easier to make changes for staff members. An example provided was in previous versions of the DWL and DWWP any pump that was in need of replacement had to be replaced with the exact pump, which is difficult to find sometimes when pumps are 30-50 years old. Now that is not the case as the pump can be replaced with one similar in nature.

The Manager notes that the flows are up slightly over last year and the previous 4 years average, however, it has been an unseasonably cool and wet May, however the flows still keep UWSS slightly over the budgeted numbers.

The Manager then puts numerous pictures on the overhead projector to demonstrate all of the above noted projects. He feels that the pictures provide more of the story and allow members of the Board to understand the scope of some of the items mentioned within the report. He shows pictures for the following:

- Filer Media Replacement
- DAF Pilot Study Unit
- High Lift Pump Replacement
- Watermain Break on County Road 29
- Water Chamber in Leamington in front of new high school
- Road 2 water chamber
- Surface Scatter Turbidity meter installation
- New Trailer Purchases as part of OCWA's budget

**No. UW-31-17**

Moved by: Councillor Jacobs

Seconded by: Larry Verbeke

That the report UW/15/17 dated May 26, 2017 re: Status Update of the UWSS Operations & Maintenance Activities and Capital Works to May 26, 2017.

Carried

**Report UW/16/17 dated May 26, 2017 re: Payments from April 14 to May 26, 2017**

**No. UW-32-17**

Moved by: Mayor Santos

Seconded by: Mayor Paterson

That report UW/16/17 dated May 26, 2017 re: Payments from April 14 to May 26, 2017 is received.

Carried

### **New Business:**

The Manager informs members of the Board that an Automated Electronic Defibrillator (AED) has been installed on site at the Ruthven Water Treatment Plant and staff have been trained. He feels that this is a great addition to ensuring safety of staff members or members of the public.

He then informs members of the Board that he has been working in conjunction with staff attorney Ms. Debbie Rollier as well as attorney William Willis regarding the potential restricting of the UWSS into a corporation. He is also looking into the business side of the issue and partnering with Price Waterhouse Cooper (PwC). He indicates that a cost estimate should be ready in the next several weeks. Members ask the Manager if his schedule of next Spring or Summer might be too aggressive. He notes that PwC and the attorneys do not feel that way and this timeframe is prior to the next election cycle.

### **Adjournment**

#### **No. UW-33-16**

Moved by: Councillor Patterson

Seconded by: Councillor Hammond

That the meeting adjourn at 9:47 am

Carried

**Date of Next Meeting:** June 21, 2017 at 9:00 am in the Kingsville Community Room, Kingsville Arena

/kmj