



**JOINT BOARD OF  
MANAGEMENT**  
Wednesday, September 22, 2021  
9:00 AM  
Via Zoom

## **AGENDA**

**A. Call to Order:**

**B. Disclosures of Pecuniary Interest:**

**C. Approval of Minutes:**

Minutes of the meeting of the Union Water Supply System Joint Board of Management Meeting held Wednesday, August 11, 2021  
Pages 3 - 6

**D. Business Arising Out of the Minutes**

**E. Items for Consideration:**

1. UW/30/21 dated September 15, 2021 re: Status Update of UWSS Operations & Maintenance Activities and Capital Works to September 15, 2021  
Pages 7 - 9
2. UW/31/21 dated September 14, 2021 re: Proposed 2021 UWSS Revised Budget  
Pages 10 - 13  
Tables 14 - 17
3. UW/32/21 dated September 17, 2021 re: Payments from August to September 10, 2021  
Pages 18 - 24

**F. Special Closed Meeting of the UWSS Joint Board of Management**

Recommendation:

That the UWSS Joint Board of Management move into a Special Closed Meeting, pursuant to the Municipal Act Section 239 (2) for the following reason:

**Matters for Consideration:** (submitted under separate cover)

September 22, 2021

Union Water Supply System Joint Board of Management Agenda

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Confidential Report C-UW02-21 dated September 15, 2021 Under Municipal Act Section 239 (2)(c) update regarding a proposed or pending acquisition or disposition of land by the Union Water Supply System Joint Board of Management

**G. Disclosure of Pecuniary Interest and General Nature Thereof**  
(Closed Meeting)

**H. Adjournment of Special Closed Meeting**

**I. Report on Closed Session**

**J. New Business:**

**K. Adjournment:**

**L. Date of Next Meeting:** October 20, 2021, 9:00 am TBD

/kmj



**JOINT BOARD OF  
MANAGEMENT**  
Wednesday, August 11, 2021  
**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

**Members Absent:**

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

**Municipal Staff  
Present:** Andy Graf, Kevin Girard - Town of Essex  
Albert Dionne - Municipality of Lakeshore

**OCWA Staff  
Present:** Dale Dillen, Susan Budden  
Ken Penney

**Call to Order: 9:00 am**

**Disclosure of Pecuniary Interest: none**

**Adoption of Board Minutes:**

**No. UW-47-21**

**Moved by:** Councillor Dunn

**Seconded by:** Deputy Mayor Queen

That the Minutes of the UWSS Joint Board of Management meeting of Wednesday, July 21, 2021 is received.

Carried

**Business Arising out of Minutes:**

There was none.

**Report UW/28/21 dated August 6, 2021 re: Status Update of the UWSS Operations and Maintenance Activities and Capital Works to August 6, 2021**

The Manager reports that a lot of the projects and maintenance items are moving along smoothly, but notes the report may be shorter due to the shortened time since last meeting.

The Kingsville Water Tower (KWT) rehabilitation is moving along ahead of schedule. The Manager explains that the interior coating should be completed within the next day, with exterior work completed shortly as well. The Manager anticipates that the KWT will be filled within the next week for disinfection and the remaining safety issues can be completed. This project should be completed ahead of the September 29<sup>th</sup>, 2021 deadline.

DiMenna Excavating has cleaned out the North Settling Pond and the material is off to the side for dewatering. The Manager expects that the material will be removed to the landfill sometime in the fall. The settling pond is now back in service. The south settling pond has been observed to be filling up quickly as well and will be taken off line so that it can drain during the fall and winter for cleaning in 2022.

The contract with Maple Reinders for the DAF Phase 1 project has been executed. The Notice to Proceed was issued to Maple Reinders on August 6<sup>th</sup>, 2021. Some staff have arrived and are beginning to mobilize equipment.

The Manager confirms that a meeting occurred with the CAOs, Treasurers to review and discuss the documents and financial information related to the proposed UWSS restructuring. The UWSS consultants of Price Waterhouse Coopers (PwC) and Willis Business Law have been tasked with developing a few documents to facilitate this work to move forward. A follow up meeting will be scheduled shortly.

The Manager reminds members of the Board that OCWA staff, along with their engineering consultant Associated Engineering, will be completing a stress test over three (3) days in mid to late August. The main components of the stress test will be completed over three (3) days and other components will be completed over the following weeks. This test will all staff to identify the maximum outputs of individual treatment processes such as clarification and filtering.

The flows this summer have been manageable and actually down quite a bit. The Manager notes that a lot of greenhouses do not have crops in at the moment.

The Manager does add an extra item to the report that occurred about the preparation of the agenda. He notes that a watermain break occurred along County Road 34 on the 12" pipe, on the way to Cottam. The Manager explains that there could be potential government grant funding for improvement projects such as this particular watermain, but is not directly available to the UWSS. We are not structured in a way that allows for easy access to Provincial/Federal funding.

Minutes of the Union Water Supply System Joint Board of Management

Date: August 11, 2021

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The Vice-Chair explains that it should be crucial for our members to get behind the CAOs and find a new structure that allows for the UWSS to tap into any potential funding that exists out there.

Councillor Patterson explains that another break occurred on County Road #27 recently as well and knows that many pipes are really starting to show their age. There is a brief discussion on the 12" pipe to Cottam and the potential of oversizing this watermain to a 20" in the future.

The Manager notes that he would like to potentially see oversizing on the watermain to Cottam as well as the one that runs along Seacliff Drive. He notes that it may depend on where things are with regard to the UWSS structure.

Councillor Patterson notes that the Municipality of Leamington has been able to provide some necessary repair equipment and he would like to see a common watermain type, wherein parts are easily obtained and shared across the municipal boundaries.

#### **No. UW-48-21**

Moved by: Deputy Mayor Queen

Seconded by: Mayor MacDonald

That Report dated UW/28/21 dated August 6, 2021 re: Status Update of the UWSS Operations and Maintenance Activities and Capital Works to August 6, 2021 is received.

Carried (UW/28/21)

#### **Report UW/29/21 dated August 6, 2021 re: Payments from July 13 to August 6, 2021**

#### **No. UW-49-21**

Moved by: Councillor Tiessen

Seconded by: Councillor Hammond

That report UW/29/21 dated August 6, 2021 re: Payments from July 13 to August 6, 2021 is received.

Carried (UW/29/21)

**Time: 9:15 am**

**The Union Water Supply System Joint Board of Management then moved into an in-camera session:**

#### **No. UW-05-21**

Moved by: Councillor Jones

Seconded by: Councillor Dunn

That the UWSS Joint Board of Management moved into a closed session for the verbal discussion under Municipal Act Section 239 (2)(c) regarding a proposed or pending acquisition or disposition of land by the Union Water Supply System Joint Board of Management.

Carried

#### **Disclosure of Pecuniary Interest and General Nature Thereof**

There was none.

#### **No. UW-06-21**

Moved by: Councillor Walstedt

Seconded by: Councillor Jones

That the UWSS Joint Board of Management move out of closed session and return to the regular meeting

Carried

#### **Report on Closed Session**

The Chair provides a report on closed session. He notes that a discussion took place regarding an opportunity to purchase a property that is beneficial to the UWSS. The Board approved the Manager to move forward with the purchase of the property. The Manager was given a budget approved for the purchase price and was instructed to enlist William Willis Business Law to assist with the transaction and prepare all of the necessary documentation.

#### **New Business:**

There was none.

#### **Adjournment:**

#### **No. UW-50-21**

Moved by: Councillor Tiessen

Seconded by: Councillor Dunn

Time: 9:50 am

**Date of Next Meeting:** September 22, 2021, 9 am via Zoom

To: Chair and Members of the Union Water Supply System Joint Board of Management

From: Rodney Bouchard, UWSS General Manager

Date: September 15, 2021

Re: Status Update of UWSS Operations & Maintenance Activities and Capital Works to September 15, 2021

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**Aim:**

To inform the UWSS Board about operational and maintenance activities and capital works projects for the Union Water Supply System since the last Board meeting on August 11, 2021.

**Discussion:**

The UWSS General Manager conducts regular meeting with OCWA Operations staff in regards to on-going operations and maintenance programs for the UWSS facilities. The following provides an update on UWSS operations, regular maintenance and major maintenance and Capital Works at UWSS facilities:

1. Regular Maintenance on all process equipment and analyzers continue to be completed through OCWA's Workplace Maintenance Management System.
2. The work for the rehabilitation of the Kingsville Water Tower is complete. The contractor JDCMI left the site on August 16<sup>th</sup>, 2021. Filling and disinfection of the water tower was completed by OCWA and the tower was put back into service on August 22, 2021.
3. Site work for the DAF Phase 1 project is underway. The contractor, Maple Reinders, started mobilizing staff and equipment on August 16<sup>th</sup>, 2021. Clarifier #2 was taken out of service on August 25<sup>th</sup> and subsequently drained and cleaned out in preparation for DAF construction. The dome for Clarifier #2 is being prepared for removal on Sept 17<sup>th</sup>, 2021.
4. The UWSS, its consultant Associated Engineering and OCWA staff are implemented the treatment capacity assessment study (aka Stress Test) of the Ruthven Water Treatment Plant on August 25<sup>th</sup>, 26<sup>th</sup>, and 27<sup>th</sup>. This portion of the test focused on stressing clarifiers #1, 3 and 4 to see how they would respond to high flows. Each clarifier was able to achieve 420 l/s (5,540 lpm) with adequate water quality effluent, which is considered a success. Filter stress testing will be completed in late September/ early October 2021. The stress test results will help UWSS and OCWA staff identify the maximum outputs of individual treatment processes such as clarification, filtering, etc.
5. Valve maintenance program on the common asset watermains will be started the week of September 20<sup>th</sup>. Two days a week will be dedicated to the distribution valves.

Re: UW/30/21 - Status Update of UWSS Operations & Maintenance Activities and Capital Works to September 15, 2021

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6. SAI Global completed a Surveillance System Audit of the UWSS/OCWA Drinking Water Quality Management System (DWQMS) on August 17<sup>th</sup>, 2021. There were no Non-Conformances identified during the Audit. One Opportunity for Improvement (OFI) regarding Document and records control. Action plan has been created and will be corrected during next year document review.
7. The Annual Inspection of the UWSS supplied Leamington Distribution System was completed on July 9, 2021. There were no items of non-compliance identified during the inspection. The system received an inspection rating of 100%.
8. The Annual Inspection of the UWSS supplied Essex Distribution System was completed on July 21, 2021. There were no items of non-compliance identified during the inspection. The system received an inspection rating of 100%.
9. The annual inspections for the UWSS supplied Lakeshore Distribution System and Kingsville Distribution system were started on September 13<sup>th</sup> and 14<sup>th</sup> respectively. The results of these inspections will be provided at the next meeting of the UWSS Board in October 2021.

The first chart shows comparative flows for 2017 through 2021 in Mega Litres (ML) and the second chart shows Millions of Imperial Gallons (MIG) for the period January 1<sup>st</sup> to September 16<sup>th</sup>, 2021.

	2017	2018	2019	2020	2021
Flow to Date (ML)	11,664.01	12,569.10	12,742.04	14,594.18	15,266.97
Max Day (ML)	75.57	82.48	85.40	97.33	93.83
Min Day (ML)	20.73	23.56	20.13	25.44	26.74
Average Day (ML)	45.03	48.53	49.20	56.13	58.95
No of Days	259	259	259	260	259

	2017	2018	2019	2020	2021
Flow to Date (MG)	2565.77	2764.87	2802.91	3210.33	3359.66
Max Day (MGD)	16.62	18.14	18.79	21.41	20.64
Min Day (MGD)	4.56	5.18	4.43	5.60	5.88
Average Day (MGD)	9.91	10.68	10.82	12.35	12.97
No of Days	259	259	259	260	259

Flows to date are up 672.79 ML (149.33 MIG) or 4.6% from last year. The 2021 flows to date are up 18.4% over the previous 4 year average.

Re: UW/30/21 - Status Update of UWSS Operations & Maintenance Activities and  
Capital Works to September 15, 2021

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**Recommendation:**

That this report be received by the UWSS Board for information purposes.

Respectfully submitted,



Rodney Bouchard, General Manager  
Union Water Supply System Joint Board of Management

/kmj

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UW/31/21

## Report

**To:** Chair and Members of the Union Water Supply System Joint Board of Management

**From:** Rodney Bouchard, Union Water Manager

**Date:** September 14, 2021

**Re:** Proposed 2021 UWSS Revised Budget

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### Recommendation:

That the Union Water Supply Joint Board of Management (UWSS Board) receives this report for information; and

That the UWSS Board approves the 2021 UWSS Revised Budget as outlined in this report.

### Report Highlights

- Actual potable water demand from UWSS as of September 1<sup>st</sup>, 2021 is 841,000 cubic meters (approximately 6%) above the budgeted demand to this date. Water demand to December 31<sup>st</sup>, 2021 is projected at 20,622,730 cubic meters, which is 1,145,730 cubic meters above the previously budgeted demand.
- The projected increase in demand for 2021 would result in an increase of \$769,500 in wholesale water rate revenue for 2021.
- An increase in Budgeted Investment Income from \$405,000 to \$455,000 is projected to account for better than predicted market performance.
- A \$201,200 decrease in Operational Expenditures is projected for 2020 mainly due to lower than anticipated costs for bulk CO<sub>2</sub> purchase and residuals maintenance work.
- A revised Capital Program is proposed for 2021 to account for postponed projects, and new needed capital works. The proposed revised Capital Program would result in a \$3.1 million reduction in Capital expenditures for 2021.

## **Background:**

The UWSS Manager typically provides a mid-year update on UWSS Revenues and Expenditures as compared to the approved budget. This report provides a summary update on 2021 water demand, revenues and expenditures for UWSS up to August 31, 2021.

## **Discussion:**

The following provides brief details on the status of actual potable water demand, wholesale rate revenue, operational expenditures, and capital expenditures from January 1, 2021 to August 31, 2021.

### Potable Water Demand:

As of August 31st, 2021, UWSS potable water demand was 14,019,553 cubic meters, which represents a 6 percent increase from budgeted water demand of 13,178,400 cubic meters to this date.

Water demand to December 31<sup>st</sup>, 2021 is projected at 20,622,730 cubic meters, which is 1,145,730 cubic meters above the previously budgeted demand.

### Wholesale Rate Revenue:

Based on the projected increase of 1,145,730 in Budgeted Water demand for 2021, wholesale rate revenues for UWSS in 2021 are projected to increase by \$769,500 to a total of \$13,850,225.

### Investment Income Revenue:

An increase of \$50,000 in investment income from \$405,000 to \$455,000 is projected for 2021 to account for the better than expected market performance.

### Total UWSS Revenue:

An increase of \$831,400 in total UWSS Revenue, including wholesale rate revenue, investment income revenue and sundry revenue (from telecommunication antennae leases) is projected for 2021. As such, the projected 2021 UWSS Revised Budget Revenue would increase from \$13,577,800 to \$14,409,200.

Details regarding changes in UWSS Revenue are provided in the tables included in Attachment A

#### Operational and Fixed Expenditures:

Operational and Fixed Expenditures include costs associated with the OCWA Operations and Maintenance contract; administrative costs for UWSS including employee salaries and benefits; electricity and natural gas costs; and debt servicing costs.

A \$201,200 decrease in Operational Expenditures is forecasted for 2021. This is mainly attributed to a credit from OCWA for annual Operations and Maintenance costs, significant lower cost associated with Bulk CO2 purchase and lower anticipated costs for residuals management and Operations Programs and Studies. Some of the decrease in expenditures is offset due to higher than budgeted legal costs associated with UWSS Restructuring, property purchase, etc. As such, the projected 2021 UWSS Revised Budget results in a decrease in Operational Expenditures from \$8,630,300 to \$8,429,100. Details regarding changes in Operational Expenditures are provided in the tables included in Attachment A.

#### Capital Expenditures:

A budget of \$13,407,000 has been approved by the UWSS Board for 2021 Capital Works. Based on discussions with OCWA Operations staff at UWSS, a revised Capital Program is proposed for 2021 to account for the multiyear nature of some projects, postponed projects, and new needed capital works. The proposed revised Capital Program would result in a \$3.1 million reduction in Capital expenditures for 2021; thus the proposed UWSS 2021 Revised Budget includes a revised Capital Works Budget of \$10,317,200. Details regarding changes in the Capital Program and Budget are provided in the tables included in Attachment A.

#### Property Purchase:

The UWSS Board directed the UWSS General Manager to proceed with the conditional purchase of a 6.29 acre property that abuts the UWSS Ruthven Water Treatment Plant Property. The reason for the purchase of the property is for future use in construction of a new reservoir and possible treatment plant expansion. A purchase price of \$2.8 million has been agreed upon between UWSS and the seller. This purchase was not included in the initial UWSS 2021 Budget.

The following Table 1 provides an overview of the UWSS budget status for the 2021 Budget year, as of September 1, 2021.

September 14, 2021 - UW/31/21  
 Re: Proposed 2021 UWSS Revised Budget

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**Table 1: 2021 UWSS Budget Status Report - Sept 2021**

Budget Item	Approved 2021 Budget	Proposed Revised 2021 Budget	Variance
Total Revenue	\$13,577,800	\$14,409,900	\$832,100
Operational Expenditures	(\$8,630,300)	(\$8,429,100)	\$201,200
<b><i>Operational Surplus/(Deficit)</i></b>	<b><i>\$4,947,500</i></b>	<b><i>\$5,980,800</i></b>	<b><i>\$1,033,300</i></b>
Capital Works Program	(\$13,407,400)	(\$10,317,200)	\$3,090,200
6.29 Acre Property Purchase	\$0	(\$2,800,000)	(\$2,800,000)
<b><i>Surplus/(Deficit)</i></b>	<b><i>(\$8,459,900)</i></b>	<b><i>(\$7,136,400)</i></b>	<b><i>\$1,323,500</i></b>

### Conclusions:

The UWSS General Manager proposes an Amended UWSS Budget for 2021 to account for increases in revenue and operational expenditures and revisions to Capital Works Program.

Respectfully submitted,



Rodney Bouchard, General Manager  
 Union Water Supply System Joint Board of Management  
 rb/kmj

#### Attachments.

Filename: t:\union wtr\reports to board\2021\uw31-21 proposed 2021 revised budget.september 14 2021.docx

**UNION WATER SUPPLY SYSTEM  
2021 REVISED BUDGET  
Budget Summary  
Sept 2021**

	2021	2021	2021	2022	2023	2024	2025	2026
	Rate Increase of \$0.0258 per m3	As of Sept 1, 2021	Forecasted to Dec 31, 2021	Rate Increase of \$0.0269 per m3	Rate Increase of \$0.0279 per m3	Rate Increase of \$0.0291 per m3	Rate Increase of \$0.0302 per m3	Rate Increase of \$0.0314 per m3
<b>REVENUE</b>								
Senior Government Grants	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Wholesale Rate Billings	\$13,080,753	\$9,415,532	\$13,850,225	\$16,267,416	\$17,017,029	\$17,805,505	\$18,631,655	\$19,498,557
Investment Income	\$405,207	\$414,903	\$455,000	\$413,311	\$421,577	\$430,009	\$438,609	\$447,381
Sundry revenue	\$21,848	\$28,716	\$34,707	\$22,285	\$22,731	\$23,186	\$23,649	\$24,122
Municipal Study Revenue	\$70,000	\$0	\$70,000					
Capital Rate Income - Greenhouse Sector				\$1,718,389	\$1,735,573	\$1,752,929	\$1,770,458	\$1,788,162
<b>TOTAL REVENUES</b>	<b>\$13,577,809</b>	<b>\$9,859,150</b>	<b>\$14,409,932</b>	<b>\$16,703,012</b>	<b>\$17,461,337</b>	<b>\$18,258,700</b>	<b>\$19,093,913</b>	<b>\$19,970,061</b>
<b>OPERATING EXPENDITURE</b>								
General Administration	\$411,577	\$215,120	\$339,060	\$416,639	\$416,802	\$422,068	\$427,439	\$432,918
Leamington Assistance	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000
Miscellaneous Legal/Professional fees	\$45,000	\$75,743	\$150,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000
OCWA Operating Contract	\$3,430,209	\$2,116,935	\$3,314,739	\$3,533,115	\$3,639,109	\$3,748,282	\$3,860,730	\$3,976,552
Programs and Studies	\$430,000	\$236,687	\$394,740	\$400,000	\$250,000	\$150,000	\$150,000	\$150,000
Operational/Maintenance/Upgrades - General	\$350,000	\$180,725	\$305,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000
Property Taxes	\$147,500	\$147,500	\$147,500	\$147,500	\$147,500	\$147,500	\$147,500	\$147,500
CO2 Liquefied Gas Procurement	\$100,000	\$8,453	\$25,000	\$50,000	\$51,000	\$52,020	\$53,060	\$54,122
Electricity and Natural Gas	\$1,315,600	\$807,534	\$1,350,000	\$1,381,380	\$1,450,449	\$1,522,971	\$1,599,120	\$1,679,076
<b>TOTAL OPERATING EXPENDITURES</b>	<b>\$6,259,886</b>	<b>\$3,818,698</b>	<b>\$6,056,039</b>	<b>\$6,333,634</b>	<b>\$6,359,859</b>	<b>\$6,447,841</b>	<b>\$6,642,850</b>	<b>\$6,845,168</b>
Debt Service - Sunlife Loan	\$2,370,377	\$1,896,302	\$2,370,377	\$2,389,596	\$2,408,934	\$2,428,392	\$2,449,323	\$2,467,669
Capital Loan for Reservoir and UV - \$30million @ 4% for 10yrs				\$3,698,728	\$3,698,728	\$3,698,728	\$3,698,728	\$3,698,728
<b>TOTAL DEBT SERVICE EXPENDITURES</b>	<b>\$2,370,377</b>	<b>\$1,896,302</b>	<b>\$2,370,377</b>	<b>\$6,088,324</b>	<b>\$6,107,662</b>	<b>\$6,127,120</b>	<b>\$6,148,051</b>	<b>\$6,166,397</b>
<b>CASH CAPITAL EXPENDITURE</b>								
Capital Repair, Maintenance & Upgrade Works	\$13,407,410	\$3,395,391	\$10,317,170	\$5,480,000	\$6,650,000	\$2,160,000	\$2,580,000	\$4,650,000
Property Purchase	\$0	\$0	\$2,800,000					
<b>TOTAL CASH FUNDED CAPITAL EXPENDITURES</b>	<b>\$13,407,410</b>	<b>\$3,395,391</b>	<b>\$13,117,170</b>	<b>\$5,480,000</b>	<b>\$6,650,000</b>	<b>\$2,160,000</b>	<b>\$2,580,000</b>	<b>\$4,650,000</b>
<b>NET SURPLUS/(DEFICIT)</b>	<b>(\$8,459,865)</b>	<b>\$748,760</b>	<b>(\$7,133,654)</b>	<b>(\$1,198,946)</b>	<b>(\$1,656,184)</b>	<b>\$3,523,738</b>	<b>\$3,723,012</b>	<b>\$2,308,496</b>
<b>Operating &amp; Capital Reserves</b>								
	<b>2021</b>	<b>2021</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>
	<b>Budget</b>	<b>As of Sept 1, 2021</b>	<b>Forecasted to Dec 31, 2021</b>	<b>Budget</b>	<b>Budget</b>	<b>Budget</b>	<b>Budget</b>	<b>Budget</b>
Operating & Capital Reserves	\$10,812,356	\$10,812,356	\$10,812,356	\$3,678,702	\$2,479,756	\$823,571	\$4,347,310	\$8,070,322
Addition/(subtraction) from Operations Budget.	-\$8,459,865	\$748,760	-\$7,133,654	-\$1,198,946	-\$1,656,184	\$3,523,738	\$3,723,012	\$2,308,496
Addition/(Subtraction) from Rate Stabilization Reserve	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating & Capital Reserves	\$2,352,491	\$11,561,116	\$3,678,702	\$2,479,756	\$823,571	\$4,347,310	\$8,070,322	\$10,378,817
<b>Rate Stabilization Reserve</b>								
Rate Stabilization Reserve	\$10,784,674	\$10,784,674	\$10,784,674	\$11,059,683	\$11,341,705	\$11,630,918	\$11,927,507	\$12,231,658
Interest (GIC at 2.55%)	\$275,009	\$275,009	\$275,009	\$282,022	\$289,213	\$296,588	\$304,151	\$311,907
Subtotal Rate Stabilization Reserve	\$11,059,683	\$11,059,683	\$11,059,683	\$11,341,705	\$11,630,918	\$11,927,507	\$12,231,658	\$12,543,566
(Subtraction) from Rate Stabilization Reserve	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Rate Stabilization Reserve	\$11,059,683	\$11,059,683	\$11,059,683	\$11,341,705	\$11,630,918	\$11,927,507	\$12,231,658	\$12,543,566
<b>Total Reserves</b>	<b>\$13,412,174</b>	<b>\$22,620,799</b>	<b>\$14,738,385</b>	<b>\$13,821,461</b>	<b>\$12,454,490</b>	<b>\$16,274,816</b>	<b>\$20,301,980</b>	<b>\$22,922,383</b>
Sunlife Debt	\$9,375,773	\$9,375,773	\$9,375,773	\$7,908,943	\$6,259,451	\$4,406,948	\$2,310,158	\$0

**UNION WATER SUPPLY SYSTEM  
2021 REVISED BUDGET  
Budgeted Water Demand and Wholesale Rate Revenue  
Sept 2020**

Flow Metering Location	2021 Budget Estimate	2021 As of Sept 1, 2021	2021 Forecasted to Dec 31, 2021	2022 Rate Increase of \$0.0269 per m3	2023 Rate Increase of \$0.0279 per m3	2024 Rate Increase of \$0.0291 per m3	2025 Rate Increase of \$0.0302 per m3	2026 Rate Increase of \$0.0314 per m3
Essex PUC	881,000	595,158	875,476	884,231	893,073	902,004	911,024	920,134
Gosfield N. Twsp	695,000	454,160	668,068	674,749	681,496	688,311	695,195	702,147
Gosfield S. Twsp	5,957,000	4,148,004	6,101,704	6,162,721	6,224,349	6,286,592	6,349,458	6,412,953
Highbury CanCo	1,063,000	675,074	993,032	1,002,963	1,012,992	1,023,122	1,033,353	1,043,687
Kingsville PUC	688,000	446,339	656,564	663,129	669,761	676,458	683,223	690,055
Leamington PUC	9,496,000	7,233,710	10,640,771	10,747,178	10,854,650	10,963,197	11,072,829	11,183,557
Lakeshore	697,000	467,108	687,115	693,986	700,926	707,935	715,014	722,165
<b>Total Flow:</b>	<b>19,477,000</b>	<b>14,019,553</b>	<b>20,622,730</b>	<b>20,828,957</b>	<b>21,037,247</b>	<b>21,247,619</b>	<b>21,460,096</b>	<b>21,674,696</b>
	4,284,940,000	3,084,301,660	4,537,000,595	4,582,370,601	4,628,194,307	4,674,476,250	4,721,221,012	4,768,433,222
		-28%	6%	7%	1%	1%	1%	1%
Rate 1 Flow	19,477,000	14,019,553	20,622,730	20,828,957	21,037,247	21,247,619	21,460,096	21,674,696
Rate 1	\$0.6716	\$0.6716	\$0.6716	\$0.6985	\$0.7264	\$0.7555	\$0.7857	\$0.8171
Rate 1 Revenue	\$13,080,753	\$9,415,532	\$13,850,225	\$14,549,027	\$15,281,456	\$16,052,576	\$16,861,197	\$17,710,394
Capital Rate - Greenhouse Flow				11,455,927	11,570,486	11,686,191	11,803,053	11,921,083
Capital Rate				\$0.15	\$0.15	\$0.15	\$0.15	\$0.15
Capital Rate Revenue				\$1,718,388.98	\$1,735,572.86	\$1,752,928.59	\$1,770,457.88	\$1,788,162.46
Rate 3 Flow	0	0	0	0	0	0	0	0
Rate 3 Flow	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Rate 3 Revenue	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Lifecycle Rate	\$0.0791	\$0.0791	\$0.0791	\$0.0791	\$0.0791	\$0.0791	\$0.0791	\$0.0791
	\$1,541,020	\$1,109,227	\$1,631,670	\$1,647,987	\$1,664,467	\$1,681,112	\$1,697,923	\$1,714,902
<b>Total Revenue</b>	<b>\$13,080,753</b>	<b>\$9,415,532</b>	<b>\$13,850,225</b>	<b>\$16,267,416</b>	<b>\$17,017,029</b>	<b>\$17,805,505</b>	<b>\$18,631,655</b>	<b>\$19,498,557</b>

**UNION WATER SUPPLY SYSTEM  
2021 REVISED BUDGET  
Proposed Operational Revenue and Expenditures Budget  
Sept 2021**

Number	Account Description	2021	2021	2021	2022	2023	2024	2025	2026
		Rate Increase of \$0.0258 per m3	As of Sept 1, 2021	Forecasted to Dec 31, 2021	Rate Increase of \$0.0269 per m3	Rate Increase of \$0.0279 per m3	Rate Increase of \$0.0291 per m3	Rate Increase of \$0.0302 per m3	Rate Increase of \$0.0314 per m3
<b>REVENUE ACCOUNTS</b>									
<b>FEE REVENUE</b>									
0700-3700	Wholesale Rate Billings	\$13,080,753	\$9,415,532	\$13,850,225	\$16,267,416	\$17,017,029	\$17,805,505	\$18,631,655	\$19,498,557
	Capital Rate Income - Greenhouse Sector				\$1,718,389	\$1,735,573	\$1,752,929	\$1,770,458	\$1,788,162
		\$13,080,753	\$9,415,532	\$13,850,225	\$16,267,416	\$17,017,029	\$17,805,505	\$18,631,655	\$19,498,557
<b>MISCELLANEOUS REVENUES</b>									
0700-4100	Investment Income (Operations)	\$405,207	\$414,903	\$455,000	\$413,311	\$421,577	\$430,009	\$438,609	\$447,381
0700-3999	Sundry revenue	\$21,848	\$28,716	\$34,707	\$22,285	\$22,731	\$23,186	\$23,649	\$24,122
	Municipal Study Revenue (Windsor Utilities)	\$70,000	\$0	\$70,000	\$0	\$0	\$0	\$0	\$0
		\$497,055	\$443,619	\$559,707	\$435,597	\$444,308	\$453,195	\$462,258	\$471,504
	<b>TOTAL REVENUES :</b>	<b>\$13,577,809</b>	<b>\$9,859,150</b>	<b>\$14,409,932</b>	<b>\$16,703,012</b>	<b>\$17,461,337</b>	<b>\$18,258,700</b>	<b>\$19,093,913</b>	<b>\$19,970,061</b>
<b>EXPENDITURE ACCOUNTS</b>									
<b>WAGES AND BENEFITS</b>									
0700-5000	Salaried	\$187,272	\$120,782	\$187,262	\$191,017	\$194,838	\$198,735	\$202,709	\$206,763
	Part time	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
0700-5200 to 5210	Benefits - Full time	\$65,805	\$40,038	\$65,805	\$67,121	\$68,464	\$69,833	\$71,230	\$72,654
	Benefits - Part time	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$253,077	\$160,820	\$253,067	\$258,139	\$263,302	\$268,568	\$273,939	\$279,418
<b>OFFICE OVERHEAD, RENTS AND SERVICES</b>									
0700-7010	Office supplies	\$2,000	\$799	\$1,500	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
0700-7015	Board expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
0700-7020	Dues, Memberships, Subsc	\$5,000	\$3,535	\$3,750	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
0700-7030	Travel & Mileage	\$2,500	\$43	\$375	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500
0700-7040	Training	\$6,000	\$0	\$750	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000
0700-7050	Conferences	\$6,000	\$537	\$1,500	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000
0700-7052	Meeting Expenses	\$2,000	\$115	\$500	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
0700-7070	Uniforms/Clothing	\$500	\$21	\$150	\$500	\$500	\$500	\$500	\$500
0700-7950	Legal/Professional fees	\$45,000	\$75,743	\$150,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000
0700-7959-002070	Audit Fees	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500
0700-7080 & 7085	Operational Purchases/Maint.	\$17,500	\$0	\$0	\$17,500	\$17,500	\$17,500	\$17,500	\$17,500
0700-7110	Communications	\$1,500	\$898	\$1,300	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500
0700-7120	Postage & Courier	\$500	\$0	\$100	\$500	\$500	\$500	\$500	\$500
0700-7130	Advertising & Promotion	\$7,000	\$1,359	\$2,500	\$7,000	\$7,000	\$7,000	\$7,000	\$7,000
0700-7140	Insurance	\$15,000	\$17,818	\$17,818	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000
0700-7130	Donations & Grants	\$4,000	\$0	\$0	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000
0700-7240	Tech Hardware Maintenance (SCADA, etc)	\$40,000	\$10,830	\$17,500	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000
0700-7250	Tech Hardware Purchases (non-TCA)	\$5,000	\$3,691	\$4,250	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
0700-7260	Software Licensing and Support	\$25,000	\$4,681	\$20,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000
0700-7270	Software Purchases	\$2,500	\$244	\$1,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500
0700-7290	Telecom Maintenance	\$5,000	\$1,328	\$3,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
	COVID 19 Related	\$5,000	\$1,902	\$3,000	\$5,000	\$0	\$0	\$0	\$0
		\$203,500	\$130,043	\$235,993	\$233,500	\$228,500	\$228,500	\$228,500	\$228,500
0700-6720	OCWA Operating Union	\$3,430,209	\$2,116,935	\$3,314,739	\$3,533,115	\$3,639,109	\$3,748,282	\$3,860,730	\$3,976,552
0700-6750	Property Taxes	\$150,160	\$77,296	\$150,160	\$153,163	\$156,226	\$159,351	\$162,538	\$165,789
0700-7380	Leamington Assistance	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000
0700-7410 & 7420	Electricity and Natural Gas	\$1,315,600	\$807,534	\$1,350,000	\$1,381,380	\$1,450,449	\$1,522,971	\$1,599,120	\$1,679,076
0700-7400-002077	CO2 Gas Bulk Purchase	\$100,000	\$8,453	\$25,000	\$50,000	\$51,000	\$52,020	\$53,060	\$54,122
0700-7989-002075	Operational Programs & Studies	\$430,000	\$236,687	\$394,740	\$400,000	\$250,000	\$150,000	\$150,000	\$150,000
0700-8133-002074	Residuals Ponds Maintenance	\$200,000	\$96,138	\$160,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000
0700-7961-002075	Water Quality/Corrosion Program	\$50,000	\$34,167	\$45,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
0700-8134-002074	Watermain Repairs	\$100,000	\$50,421	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000
	<b>TOTAL OPERATIONAL EXPENDITURES:</b>	<b>\$6,262,546</b>	<b>\$3,748,494</b>	<b>\$6,058,699</b>	<b>\$6,339,297</b>	<b>\$6,368,586</b>	<b>\$6,459,692</b>	<b>\$6,657,888</b>	<b>\$6,863,457</b>
	<b>NET OPERATIONAL SURPLUS/(DEFICIT)</b>	<b>\$7,315,262</b>	<b>\$6,110,656</b>	<b>\$8,351,233</b>	<b>\$10,363,715</b>	<b>\$11,092,752</b>	<b>\$11,799,008</b>	<b>\$12,436,026</b>	<b>\$13,106,604</b>
<b>DEBT SERVICE</b>									
0700-6000 & 6100	Sun Life Debt Obligation	\$2,370,377	\$1,896,302	\$2,370,377	\$2,389,596	\$2,408,934	\$2,428,392	\$2,449,323	\$2,467,669
	\$30million Capital Loan	\$0	\$0	\$0	\$3,698,728	\$3,698,728	\$3,698,728	\$3,698,728	\$3,698,728
	Cottam WM Replacement Loan	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>TOTAL DEBT SERVICE:</b>	<b>\$2,370,377</b>	<b>\$1,896,302</b>	<b>\$2,370,377</b>	<b>\$6,088,324</b>	<b>\$6,107,662</b>	<b>\$6,127,120</b>	<b>\$6,148,051</b>	<b>\$6,166,397</b>
	<b>SURPLUS/(DEFICIT) AFTER DEBT</b>	<b>\$4,944,885</b>	<b>\$4,214,354</b>	<b>\$5,980,856</b>	<b>\$4,275,390</b>	<b>\$4,985,089</b>	<b>\$5,671,887</b>	<b>\$6,287,974</b>	<b>\$6,940,207</b>

UNION WATER SUPPLY SYSTEM  
REVISED 2021 BUDGET  
Capital Program Budget Tracker  
Sept 2021

Item Description	TOTAL	Expenditures	Budget Remainder	Projected Expenditures to Year End	Projected +/- Budget	Comments
<b>STUDIES/PROGRAMS</b>						
Lake Erie HAB Monitoring Project - UWSS & Univ. of Windsor/GLIER	\$100,000	\$101,740	-\$1,740	\$101,740	-\$1,740	Fully Allocated/ Funded for 2021
Emergency Water Servicing Study - UWSS & WUC	\$115,000	\$64,514	\$50,486	\$115,000	\$0	Report to be issued in October 2021 - Invoices yet to be received
New Ruthven WTP Reservoir #3 Study/ Reservoir Optimization	\$30,000	\$3,153	\$26,847	\$0	\$30,000	Delayed due to other work - Reallocate to 2022
Backup power generation/ energy study	\$40,000	\$0	\$40,000	\$0	\$40,000	Delayed due to other work - Reallocate to 2022
UWSS Water Treatment Capacity Testing (Stress Test)	\$0	\$0	\$0	\$33,000	-\$33,000	Undertaken in place of Reservoir #3 Study
UWSS Infrastructure Review and Master Servicing Plan	\$145,000	\$67,281	\$77,719	\$145,000	\$0	Draft Report issued - Final report to be issued in October 2021
<b>Total Studies/Programs</b>	\$430,000	\$236,687	\$193,313	\$394,740	\$35,260	
<b>CAPITAL WORKS/ MAJOR MAINTENANCE</b>						
Low Lift #6 Rehab	\$35,000	\$40,183	-\$5,183	\$40,183	-\$5,183	Initially allocated to LL#3 but more pressing to do LL#6 - Done
Low Lift Roof Replacement	\$75,000	\$0	\$75,000	\$0	\$75,000	Delayed due to other work - Reallocate to 2022
Low Lift Main Electrical-Transformer/Feed/Switch Gear/Breaker Upgrades	\$200,000	\$172,776	\$27,224	\$172,776	\$27,224	Substantially complete - Minor items remaining
Filter Aid System Upgrade	\$60,000	\$0	\$60,000	\$30,000	\$30,000	New pumps to be ordered in Sept 2021
Filter # 2 - Rehab (recoat filter box; new underdrains)	\$376,205	\$302,871	\$73,334	\$302,871	\$73,334	Work Complete
Filter # 4 - Rehab (recoat filter box; new underdrains)	\$376,205	\$302,871	\$73,334	\$302,871	\$73,334	Work Complete
Highlift Pump #7 - New	\$175,000	\$0	\$175,000	\$0	\$175,000	Delayed due to DAF project - Reallocate to 2022
Communication System upgrades	\$35,000	\$0	\$35,000	\$20,000	\$15,000	Upgrades to be done at Low Lift/Cottam etc. in Oct-Nov 2021
PLC Upgrades - Low Lift, Cottam Booster, Generator B	\$150,000	\$0	\$150,000	\$90,000	\$60,000	PLC Cabinet and Instruments being Built - Install in Nov 2021
Electrical Upgrades - capacitors, etc.	\$70,000	\$0	\$70,000	\$70,000	\$0	To be reviewed in 2021 and equip purchased in 2022
Cottam Booster mixing system design and install	\$75,000	\$0	\$75,000	\$0	\$75,000	Delayed due to other work - Reallocate to 2022
Kingsville Water Tower Recoating; Safety Upgrades; Improvements	\$1,650,000	\$1,616,187	\$33,813	\$1,737,877	-\$87,877	Substantially complete - Minor items remaining - Overbudget due to UWSS GM error in budget for engineering/contract management
Essex Water Tower New Cathodic Protection System	\$40,000	\$33,434	\$6,566	\$33,434	\$6,566	Work Complete
Distribution System Components	\$150,000	\$172,769	-\$22,769	\$172,769	-\$22,769	Work Complete - overbudget due to material/shipping cost increases (COVID), labour, etc.
Master Water Meters Upgrades	\$50,000	\$0	\$50,000	\$25,000	\$25,000	Delayed - Meter 1A replacement to be ordered in Oct 2021
Laboratory Upgrades	\$75,000	\$65,892	\$9,108	\$73,500	\$1,500	Cabinets to be delivered and installed in late Oct 2021
Treatment Plant Bldg Improvements - Admin Area	\$30,000	\$0	\$30,000	\$25,000	\$5,000	Delayed due to New Lab work
Clearwell #1 Inlet Rotork - new	\$20,000	\$0	\$20,000	\$15,000	\$5,000	Equipment on order
Wastewater Pump - New backup pump	\$50,000	\$0	\$50,000	\$0	\$50,000	Delayed due to other work - Reallocate to 2022
Grounds Improvements (landscaping; asphalt/road repairs, etc)	\$170,000	\$0	\$170,000	\$0	\$170,000	Delayed due to other work - Reallocate to 2022
Ammonia Building Retrofits	\$125,000	\$74,887	\$50,113	\$100,000	\$25,000	Work ongoing.
Fencing - Treatment Plant Property; Leamington Water Tower Property	\$20,000	\$0	\$20,000	\$0	\$20,000	Delayed due to other work - Reallocate to 2022
Low Lift Wet Well Algae Monitoring System	\$0	\$0	\$0	\$50,000	-\$50,000	Proposed new budget item - Would like to install in Nov 2021
<b>Total Capital Works/ Major Maintenance</b>	\$4,007,410	\$2,781,870	\$1,225,540	\$3,261,281	\$746,129	
<b>NEW CAPITAL WORKS</b>						
DAF System Design for 2 units; construction of Clarifier #2 retrofit (Total project budget is \$9,250,000; Estimate \$7,000,000 in 2021 and \$2,250,000 in 2022)	\$9,250,000	\$557,631	\$8,692,369	\$7,000,000	\$2,250,000	Construction underway - Completion May 2022
Kingsville Water Tower new utility Building	\$150,000	\$55,889	\$94,111	\$55,889	\$94,111	Design/engineering/subsurface/survey work completed - Construction in 2022
<b>Total New Capital Works</b>	\$9,400,000	\$613,520	\$8,786,480	\$7,055,889	\$2,344,111	
<b>TOTAL MAJOR MAINTENANCE and CAPITAL</b>	<b>\$13,407,410</b>	<b>\$3,395,391</b>	<b>\$10,012,019</b>	<b>\$10,317,170</b>	<b>\$3,090,240</b>	

**TOTAL MAINTENANCE, CAPITAL and STUDIES**

UW/32/21

**To:** Chair and Members of the Union Water Supply System Joint Board of Management

**From:** Rodney Bouchard, Union Water Manager

**Date:** September 17, 2021

**Re:** Payments for the UWSS from August 19<sup>th</sup> to September 10<sup>th</sup>, 2021



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**Aim:**

To provide the Board with a copy of payments made by the Union Water Supply System from August 19<sup>th</sup> to September 10<sup>th</sup>, 2021.

**Recommendation:**

For information purposes.

Respectfully submitted,



Rodney Bouchard, Manager  
Union Water Supply System Joint Board of Management  
/kmj



**Vendor :** 0011450 To STMP000001  
**Batch :** All  
**Department :** All

**Cheque Print Date :** 19-Aug-2021 To 20-Aug-2021  
**Bank :** 07 To 08  
**Class :** All

Vendor Invoice	Vendor Name Description				GL Account Name	Batch Invc Date	Invc Due Date	Amount
G.L. Account	CC1	CC2	CC3					
<b>DEPARTMENT 0700 Union Water System</b>								
<b>020120 Bell Mobility Cellular</b>								
514877178-AU	MONTHLY CELL PHONE CHARGES					394 01-Aug-2021	19-Aug-2021	
70-5-0700-7110	002070	002083		Telecommunications Usage				21.63
<b>200348 Corporation of the Town of Kingsville</b>								
300-01000 AUC	TAXES - 1391 UNION AVE					394 18-Aug-2021	19-Aug-2021	
70-5-0700-6750	002072			Property Tax				5,827.09
300-20100 AUC	TAXES - 1615 UNION AVE					394 18-Aug-2021	19-Aug-2021	
70-5-0700-6750	002072			Property Tax				58,775.90
590-02800 AUC	TAXES - 163 COUNTY RD 34E					394 18-Aug-2021	19-Aug-2021	
70-5-0700-6750	002072			Property Tax				8,912.88
<b>040102 Dimenna Excavating Contractors Inc</b>								
2628	NORTH SETTLING POND CLEANOUT					394 13-Aug-2021	19-Aug-2021	
70-7-0700-8745	700180			Treatment Plant				106,756.75
<b>070173 GREENFLAG COATINGS</b>								
2021-171	AMMONIA BUILDING FLOOR					394 06-Aug-2021	19-Aug-2021	
70-7-0700-8745	700020			Treatment Plant				10,905.48
<b>Department Totals :</b>								<b>191,199.73</b>



Vendor : 0011450 To STMP000001  
 Batch : All  
 Department : All

EFT Paid Date : 19-Aug-2021 To 20-Aug-2021  
 Bank : 07 To 08  
 Class : All

Vendor Code	Vendor Name				Batch	Inv Date	Inv Due Date	Amount	
Invoice No.	Description	CC1	CC2	CC3	GL Account Name				
G.L. Account				GL Account Name					
<b>DEPARTMENT 0700</b>	Union Water System								
<b>030004</b>	<b>C3 Water Inc</b>								
202107-467	WUC REDUNDANCY STUDY					395	31-Jul-2021	19-Aug-2021	
70-5-0700-7989		002075			Operational Programs & Studies				6,119.97
<b>040094</b>	<b>Digital Water Solutions Inc</b>								
DW11919.A-3	HYDRANT RETROFIT PROGRAM					395	30-Jul-2021	19-Aug-2021	
70-7-0700-8750		002206			Watermains				3,304.12
<b>050099</b>	<b>Enbridge Gas Inc</b>								
910052837190-	6-20M3 GAS - LOW LIFT					395	27-Jul-2021	19-Aug-2021	
70-5-0700-7410		002073			Gas				33.42
<b>080250</b>	<b>Hydro One Networks Inc</b>								
200141677460-	7-17,991KWH - RUTHVEN WATER TREATMENT PLANT					395	09-Aug-2021	19-Aug-2021	
70-5-0700-7420		002073			Electricity				86,670.19
200141680692-	7-9,061KWH - LOW LIFT					395	09-Aug-2021	19-Aug-2021	
70-5-0700-7420		002073			Electricity				-14.95
70-5-0700-7420		002073			Electricity				51,151.25
200141680894-	6-1,721KWH - LEAMINGTON WATER TOWER					395	30-Jul-2021	19-Aug-2021	
70-5-0700-7420		002073			Electricity				-77.88
70-5-0700-7420		002073			Electricity				465.64
200141681706-	6-21KWH - METER#2					395	30-Jul-2021	19-Aug-2021	
70-5-0700-7420		002073			Electricity				-7.23
70-5-0700-7420		002073			Electricity				43.25
200141682009-	6-1,347KWH - ALBUNA WATER TOWER					395	03-Aug-2021	19-Aug-2021	
70-5-0700-7420		002073			Electricity				-61.98
70-5-0700-7420		002073			Electricity				370.53
200141683019-	6-1KWH - METER#3					395	30-Jul-2021	19-Aug-2021	
70-5-0700-7420		002073			Electricity				-6.41
70-5-0700-7420		002073			Electricity				38.32
200141683120-	6-7KWH - METER #5					395	03-Aug-2021	19-Aug-2021	
70-5-0700-7420		002073			Electricity				-6.66
70-5-0700-7420		002073			Electricity				39.86
200141683423-	6-1KWH - METER #6					395	30-Jul-2021	19-Aug-2021	
70-5-0700-7420		002073			Electricity				-6.43
70-5-0700-7420		002073			Electricity				38.44
200141683524-	6-3KWH - METER #8					395	30-Jul-2021	19-Aug-2021	
70-5-0700-7420		002073			Electricity				-6.49
70-5-0700-7420		002073			Electricity				38.79
200141687362-	6-1KWH - METER #22					395	30-Jul-2021	19-Aug-2021	
70-5-0700-7420		002073			Electricity				-6.39
70-5-0700-7420		002073			Electricity				38.17
200141687766-	6-6KWH - METER #29					395	30-Jul-2021	19-Aug-2021	
70-5-0700-7420		002073			Electricity				-6.60
70-5-0700-7420		002073			Electricity				39.42
200141687867-	6-1KWH - METER #24					395	30-Jul-2021	19-Aug-2021	
70-5-0700-7420		002073			Electricity				-6.38
70-5-0700-7420		002073			Electricity				38.15
200141690190-	6-201KWH - METER #26					395	29-Jul-2021	19-Aug-2021	
70-5-0700-7420		002073			Electricity				88.31
70-5-0700-7420		002073			Electricity				-14.77
200152134969-	7-3KWH - METER #17					395	09-Aug-2021	19-Aug-2021	
70-5-0700-7420		002073			Electricity				-6.55
70-5-0700-7420		002073			Electricity				39.20



Vendor : 0011450 To STMP000001  
 Batch : All  
 Department : All

EFT Paid Date : 19-Aug-2021 To 20-Aug-2021  
 Bank : 07 To 08  
 Class : All

Vendor Code	Vendor Name					Batch	Inv Date	Inv Due Date	Amount
Invoice No.	Description								
G.L. Account	CC1	CC2	CC3	GL Account Name					
<b>DEPARTMENT 0700</b>	Union Water System								
<b>100048</b>	<b>Jacques Daoust Coatings Management Inc</b>								
PC#6 3568	PMT#6 KWT REHABILITATION				395	27-Jul-2021	19-Aug-2021		
70-7-0700-8710				Kingsville Water Tower				96,758.45	
70-7-0700-8710				Kingsville Water Tower				11,020.33	
70-7-0700-8710				Kingsville Water Tower				2,424.47	
<b>150365</b>	<b>Ontario Clean Water Agency</b>								
INV0000001334	JUL/21 OPER & MTCE				395	31-Jul-2021	19-Aug-2021		
70-5-0700-6720		002071		OCWA Operating Contract				279,050.71	
<b>190185</b>	<b>SGS Canada Inc</b>								
11435912	WATER QUALITY STUDIES CORROSION-KINGSVILLE				395	26-Jul-2021	19-Aug-2021		
70-5-0700-7961		002075		Water Quality/Corrosion Monitoring Prgm				98.31	
11435913	WATER QUALITY STUDIES CORROSION-LEAMINGTON				395	26-Jul-2021	19-Aug-2021		
70-5-0700-7961		002075		Water Quality/Corrosion Monitoring Prgm				98.31	
11435914	WATER QUALITY STUDIES CORROSION-LAKESHORE				395	26-Jul-2021	19-Aug-2021		
70-5-0700-7961		002075		Water Quality/Corrosion Monitoring Prgm				117.52	
11435935	WATER QUALITY STUDIES CORROSION-UWSS				395	26-Jul-2021	19-Aug-2021		
70-5-0700-7961		002075		Water Quality/Corrosion Monitoring Prgm				915.30	
11435947	WATER QUALITY STUDIES CORROSION-ESSEX				395	26-Jul-2021	19-Aug-2021		
70-5-0700-7961		002075		Water Quality/Corrosion Monitoring Prgm				98.31	
<b>Department Totals :</b>								<b>538,910.02</b>	



Vendor : 0011450 To STMP000006  
 Batch : All  
 Department : All

Cheque Print Date : 09-Sep-2021 To 10-Sep-2021  
 Bank : 07 To 08  
 Class : All

Vendor Invoice	Vendor Name Description				Batch Invc Date	Invc Due Date	Amount
G.L. Account	CC1	CC2	CC3	GL Account Name			
<b>DEPARTMENT 0700 Union Water System</b>							
<b>200348 Corporation of the Town of Kingsville</b>							
G1333					439 10-Aug-2021	09-Sep-2021	
70-7-0700-8710				Kingsville Water Tower			4,621.61
G1334					439 10-Aug-2021	09-Sep-2021	
70-7-0700-8750	002202			Watermains			15,230.14
<b>050003 E.L.K. Energy Inc</b>							
40010915-01 - 7-39346KWH - ESSEX WATER TOWER							
70-5-0700-7420	002073			Electricity	439 27-Aug-2021	09-Sep-2021	-48.52
70-5-0700-7420	002073			Electricity			290.10
40047150-03 - 7-10379KWH - METER#9							
70-5-0700-7420	002073			Electricity	439 27-Aug-2021	09-Sep-2021	-15.32
70-5-0700-7420	002073			Electricity			91.61
51976611-00 - 7-1085KWH - KINGSVILLE WATER TOWER							
70-5-0700-7420	002073			Electricity	439 27-Aug-2021	09-Sep-2021	184.96
70-5-0700-7420	002073			Electricity			-30.94
90006300-01 - 7-161733KWH - COTTAM BOOSTER STATION							
70-5-0700-7420	002073			Electricity	439 27-Aug-2021	09-Sep-2021	6,912.09
<b>997507 JDC.ca Inc.</b>							
WISP-21066 SEP/21 INTERNET							
70-5-0700-7110	002070			Telecommunications Usage	439 01-Sep-2021	09-Sep-2021	129.95
<b>160540 PRIORITY LOCATES SERVICES INC</b>							
2262 LOCATES - DAF PHASE 1							
70-7-0700-8745	700220			Treatment Plant	439 02-Aug-2021	09-Sep-2021	6,522.93
<b>180325 Ricoh Canada Inc</b>							
SCO93338005 COPIER CONTRACT - JUN18-JUL30							
70-5-0700-7110	002070			Telecommunications Usage	439 30-Jul-2021	09-Sep-2021	88.65
<b>230706 Wolfcrete Concrete Finishing</b>							
60 SIDEWALK TO AMMONIA BUILDING							
70-7-0700-8745	700020			Treatment Plant	439 10-Aug-2021	09-Sep-2021	4,013.75
<b>Department Totals :</b>							<b>37,991.01</b>



Vendor : 0011450 To STMP000006  
 Batch : All  
 Department : All

EFT Paid Date : 09-Sep-2021 To 10-Sep-2021  
 Bank : 07 To 08  
 Class : All

Vendor Code	Vendor Name					Batch	Inv Date	Inv Due Date	Amount
Invoice No.	Description	CC1	CC2	CC3	GL Account Name				
G.L. Account									
<b>DEPARTMENT 0700</b>	Union Water System								
<b>010045</b>	<b>Air Liquide Canada Inc.</b>								
73315756	CARBON DIOXIDE DELIVERY					443	31-Aug-2021	09-Sep-2021	
70-5-0700-7400	002077				Carbon Dioxide				3,791.92
<b>010103</b>	<b>Associated Engineering (Ont) Ltd</b>								
529792	DAF - PHASE 1					443	12-Aug-2021	09-Sep-2021	
70-7-0700-8745	700220				Treatment Plant				1,441.29
<b>050099</b>	<b>Enbridge Gas Inc</b>								
910052837190-	8-0M3 GAS - LOW LIFT					443	27-Aug-2021	09-Sep-2021	
70-5-0700-7410	002073				Gas				26.34
<b>070173</b>	<b>GREENFLAG COATINGS</b>								
2021-022	DEPOSIT FOR MEZZANINE - AMMONIA BLDG					443	23-Aug-2021	09-Sep-2021	
70-7-0700-8745	700020				Treatment Plant				17,127.41
2021-192	BALANCE - AMMONIA BLDG					443	02-Sep-2021	09-Sep-2021	
70-7-0700-8745	700020				Treatment Plant				19,370.69
<b>080250</b>	<b>Hydro One Networks Inc</b>								
200141680894-	7-1599KWH - LEAMINGTON WATER TOWER					443	31-Aug-2021	09-Sep-2021	
70-5-0700-7420	002073				Electricity				397.19
70-5-0700-7420	002073				Electricity				-65.46
200141681706-	7-18KWH - METER#2					443	27-Aug-2021	09-Sep-2021	
70-5-0700-7420	002073				Electricity				43.67
70-5-0700-7420	002073				Electricity				-7.21
200141682009-	7-1610KWH - ALBUNA WATER TOWER					443	01-Sep-2021	09-Sep-2021	
70-5-0700-7420	002073				Electricity				-66.35
70-5-0700-7420	002073				Electricity				396.70
200141683019-	7-1KWH - METER#3					443	31-Aug-2021	09-Sep-2021	
70-5-0700-7420	002073				Electricity				-6.56
70-5-0700-7420	002073				Electricity				39.70
200141683120-	7-5KWH - METER#5					443	01-Sep-2021	09-Sep-2021	
70-5-0700-7420	002073				Electricity				40.22
70-5-0700-7420	002073				Electricity				-6.72
200141683423-	7-13KWH - METER#6					443	31-Aug-2021	09-Sep-2021	
70-5-0700-7420	002073				Electricity				42.51
70-5-0700-7420	002073				Electricity				-7.03
200141683524-	7-4KWH - METER#8					443	27-Aug-2021	09-Sep-2021	
70-5-0700-7420	002073				Electricity				40.48
70-5-0700-7420	002073				Electricity				-6.69
200141683726-	7-1KWH - METER#15					443	25-Aug-2021	09-Sep-2021	
70-5-0700-7420	002073				Electricity				39.22
70-5-0700-7420	002073				Electricity				-6.56
200141687362-	7-1KWH - METER#22					443	27-Aug-2021	09-Sep-2021	
70-5-0700-7420	002073				Electricity				39.67
70-5-0700-7420	002073				Electricity				-6.56
200141687766-	7-5KWH - METER#29					443	27-Aug-2021	09-Sep-2021	
70-5-0700-7420	002073				Electricity				40.69
70-5-0700-7420	002073				Electricity				-6.72
200141687867-	7-1KWH - METER#24					443	27-Aug-2021	09-Sep-2021	
70-5-0700-7420	002073				Electricity				-6.55
70-5-0700-7420	002073				Electricity				39.65
200208899066-	7-522KWH - METER#16					443	17-Aug-2021	09-Sep-2021	
70-5-0700-7420	002073				Electricity				-25.93
70-5-0700-7420	002073				Electricity				155.05



Vendor : 0011450 To STMP000006  
 Batch : All  
 Department : All

EFT Paid Date : 09-Sep-2021 To 10-Sep-2021  
 Bank : 07 To 08  
 Class : All

Vendor Code	Vendor Name	Description			Batch	Inv Date	Inv Due Date	Amount
Invoice No.		CC1	CC2	CC3				
G.L. Account				GL Account Name				
<b>DEPARTMENT 0700</b>				Union Water System				
200220161473-				7-5KWH - METER#14	443	25-Aug-2021	09-Sep-2021	
70-5-0700-7420		002073		Electricity				-6.57
70-5-0700-7420		002073		Electricity				39.28
<b>150365</b>	<b>Ontario Clean Water Agency</b>							
INV0000001403				AUG/21 OPER&MTCE	443	31-Aug-2021	09-Sep-2021	
70-5-0700-6720		002071		OCWA Operating Contract				279,050.71
<b>160530</b>	<b>Pricewaterhouse Coopers LLP</b>							
TR141167587				RESTRUCTURING CONSULTANT - FINANCIAL	443	17-Aug-2021	09-Sep-2021	
70-5-0700-7950		002070		Professional Services				8,977.85
<b>190185</b>	<b>SGS Canada Inc</b>							
11443469				WATER QUALITY STUDIES CORROSION-ESSEX	443	25-Aug-2021	09-Sep-2021	
70-5-0700-7961		002075		Water Quality/Corrosion Monitoring Prgm				98.31
11443471				WATER QUALITY STUDIES CORROSION-KINGSVILLE	443	25-Aug-2021	09-Sep-2021	
70-5-0700-7961		002075		Water Quality/Corrosion Monitoring Prgm				98.31
11443486				WATER QUALITY STUDIES CORROSION-LAKESHORE	443	25-Aug-2021	09-Sep-2021	
70-5-0700-7961		002075		Water Quality/Corrosion Monitoring Prgm				117.52
11443487				WATER QUALITY STUDIES CORROSION-UWSS	443	25-Aug-2021	09-Sep-2021	
70-5-0700-7961		002075		Water Quality/Corrosion Monitoring Prgm				1,327.75
11443492				WATER QUALITY STUDIES CORROSION-LEAMINGTON	443	25-Aug-2021	09-Sep-2021	
70-5-0700-7961		002075		Water Quality/Corrosion Monitoring Prgm				196.62
<b>190755</b>	<b>Sun Life Assurance Company Of Canada</b>							
SEP-21				SEP/21 UNION WATER LOAN 3724:1	443	01-Sep-2021	09-Sep-2021	
70-5-0700-6100		002010	006901	Debenture Interest				85,896.86
70-5-0700-6000		002020	006901	Debenture Principal				174,844.65
<b>230440</b>	<b>Willis Business Law</b>							
16558				LEGAL FEES - PROPERTY PURCHASE	443	30-Jun-2021	09-Sep-2021	
70-5-0700-7950		002070		Professional Services				3,580.56
16896				LEGAL FEES - RESTRUCTURING	443	31-Jul-2021	09-Sep-2021	
70-5-0700-7950		002070		Professional Services				1,554.88
16897				LEGAL FEES - PROPERTY PURCHASE	443	31-Jul-2021	09-Sep-2021	
70-5-0700-7950		002070		Professional Services				2,142.48
<b>Department Totals :</b>								<b>600,773.27</b>