



**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)

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 29th, 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 6th, 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.

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

UW/30/21

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



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 16th, 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 16th, 2021. Clarifier #2 was taken out of service on August 25th and subsequently drained and cleaned out in preparation for DAF construction. The dome for Clarifier #2 is being prepared for removal on Sept 17th, 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 25th, 26th, and 27th. 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 20th. 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

6. SAI Global completed a Surveillance System Audit of the UWSS/OCWA Drinking Water Quality Management System (DWQMS) on August 17th, 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 13th and 14th 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 1st to September 16th, 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

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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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



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 1st, 2021 is 841,000 cubic meters (approximately 6%) above the budgeted demand to this date. Water demand to December 31st, 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 CO₂ 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 31st, 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.

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
<i>Operational Surplus/(Deficit)</i>	<i>\$4,947,500</i>	<i>\$5,980,800</i>	<i>\$1,033,300</i>
Capital Works Program	(\$13,407,400)	(\$10,317,200)	\$3,090,200
6.29 Acre Property Purchase	\$0	(\$2,800,000)	(\$2,800,000)
<i>Surplus/(Deficit)</i>	<i>(\$8,459,900)</i>	<i>(\$7,136,400)</i>	<i>\$1,323,500</i>

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.

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**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
REVENUE								
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
TOTAL REVENUES	\$13,577,809	\$9,859,150	\$14,409,932	\$16,703,012	\$17,461,337	\$18,258,700	\$19,093,913	\$19,970,061
OPERATING EXPENDITURE								
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
TOTAL OPERATING EXPENDITURES	\$6,259,886	\$3,818,698	\$6,056,039	\$6,333,634	\$6,359,859	\$6,447,841	\$6,642,850	\$6,845,168
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
TOTAL DEBT SERVICE EXPENDITURES	\$2,370,377	\$1,896,302	\$2,370,377	\$6,088,324	\$6,107,662	\$6,127,120	\$6,148,051	\$6,166,397
CASH CAPITAL EXPENDITURE								
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					
TOTAL CASH FUNDED CAPITAL EXPENDITURES	\$13,407,410	\$3,395,391	\$13,117,170	\$5,480,000	\$6,650,000	\$2,160,000	\$2,580,000	\$4,650,000
NET SURPLUS/(DEFICIT)	(\$8,459,865)	\$748,760	(\$7,133,654)	(\$1,198,946)	(\$1,656,184)	\$3,523,738	\$3,723,012	\$2,308,496
	2021	2021	2021	2022	2023	2024	2025	2026
	Budget	As of Sept 1, 2021	Forecasted to Dec 31, 2021	Budget	Budget	Budget	Budget	Budget
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
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
Total Reserves	\$13,412,174	\$22,620,799	\$14,738,385	\$13,821,461	\$12,454,490	\$16,274,816	\$20,301,980	\$22,922,383
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
Total 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
	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
Total Revenue	\$13,080,753	\$9,415,532	\$13,850,225	\$16,267,416	\$17,017,029	\$17,805,505	\$18,631,655	\$19,498,557

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
REVENUE ACCOUNTS									
FEES REVENUE									
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
MISCELLANEOUS REVENUES									
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
	TOTAL REVENUES :	\$13,577,809	\$9,859,150	\$14,409,932	\$16,703,012	\$17,461,337	\$18,258,700	\$19,093,913	\$19,970,061
EXPENDITURE ACCOUNTS									
WAGES AND BENEFITS									
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
OFFICE OVERHEAD, RENTS AND SERVICES									
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
	TOTAL OPERATIONAL EXPENDITURES:	\$6,262,546	\$3,748,494	\$6,058,699	\$6,339,297	\$6,368,586	\$6,459,692	\$6,657,888	\$6,863,457
	NET OPERATIONAL SURPLUS/(DEFICIT)	\$7,315,262	\$6,110,656	\$8,351,233	\$10,363,715	\$11,092,752	\$11,799,008	\$12,436,026	\$13,106,604
DEBT SERVICE									
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
	TOTAL DEBT SERVICE:	\$2,370,377	\$1,896,302	\$2,370,377	\$6,088,324	\$6,107,662	\$6,127,120	\$6,148,051	\$6,166,397
	SURPLUS/(DEFICIT) AFTER DEBT	\$4,944,885	\$4,214,354	\$5,980,856	\$4,275,390	\$4,985,089	\$5,671,887	\$6,287,974	\$6,940,207

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

<u>Item Description</u>	<u>TOTAL</u>	<u>Expenditures</u>	<u>Budget Remainder</u>	<u>Projected Expenditures to Year End</u>	<u>Projected +/- Budget</u>	<u>Comments</u>
STUDIES/PROGRAMS						
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
Total Studies/Programs	\$430,000	\$236,687	\$193,313	\$394,740	\$35,260	
CAPITAL WORKS/ MAJOR MAINTENANCE						
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
Total Capital Works/ Major Maintenance	\$4,007,410	\$2,781,870	\$1,225,540	\$3,261,281	\$746,129	
NEW CAPITAL WORKS						
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
Total New Capital Works	\$9,400,000	\$613,520	\$8,786,480	\$7,055,889	\$2,344,111	
TOTAL MAJOR MAINTENANCE and CAPITAL	\$13,407,410	\$3,395,391	\$10,012,019	\$10,317,170	\$3,090,240	

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 19th to September 10th, 2021



Aim:

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

Recommendation:

For information purposes.

Respectfully submitted,

A handwritten signature in blue ink, appearing to read 'R. Bouchard', is positioned above the typed name.

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

Municipality Of Leamington
Council/Board Report By Dept-(Computer)



AP5130 Page : 31
 Date : Aug 20, 2021 Time : 10:57 am

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					
DEPARTMENT 0700 Union Water System								
020120 Bell Mobility Cellular								
514877178-AU	MONTHLY CELL PHONE CHARGES					394 01-Aug-2021	19-Aug-2021	
70-5-0700-7110	002070	002083		Telecommunications Usage				21.63
200348 Corporation of the Town of Kingsville								
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
040102 Dimenna Excavating Contractors Inc								
2628	NORTH SETTLING POND CLEANOUT					394 13-Aug-2021	19-Aug-2021	
70-7-0700-8745	700180			Treatment Plant				106,756.75
070173 GREENFLAG COATINGS								
2021-171	AMMONIA BUILDING FLOOR					394 06-Aug-2021	19-Aug-2021	
70-7-0700-8745	700020			Treatment Plant				10,905.48
Department Totals :								191,199.73

Municipality Of Leamington
Council/Board Report By Dept-(EFT)



AP5130

Date : Aug 20, 2021

Page : 73

Time : 10:57am

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				
DEPARTMENT 0700				Union Water System				
030004	C3 Water Inc							
202107-467	WUC REDUNDANCY STUDY				395	31-Jul-2021	19-Aug-2021	
70-5-0700-7989	002075			Operational Programs & Studies				6,119.97
040094	Digital Water Solutions Inc							
DW11919.A-3	HYDRANT RETROFIT PROGRAM				395	30-Jul-2021	19-Aug-2021	
70-7-0700-8750	002206			Watermains				3,304.12
050099	Enbridge Gas Inc							
910052837190-	6-20M3 GAS - LOW LIFT				395	27-Jul-2021	19-Aug-2021	
70-5-0700-7410	002073			Gas				33.42
080250	Hydro One Networks Inc							
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

Municipality Of Leamington
Council/Board Report By Dept-(EFT)



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					
DEPARTMENT 0700	Union Water System								
100048	Jacques Daoust Coatings Management Inc								
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	
150365	Ontario Clean Water Agency								
INV0000001334	JUL/21 OPER & MTCE				395	31-Jul-2021	19-Aug-2021		
70-5-0700-6720		002071		OCWA Operating Contract				279,050.71	
190185	SGS Canada Inc								
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	
Department Totals :								538,910.02	

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

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Vendor Code	Vendor Name				Batch	Inv Date	Inv Due Date	Amount
Invoice No.	Description							
G.L. Account	CC1	CC2	CC3	GL Account Name				
DEPARTMENT 0700	Union Water System							
010045	Air Liquide Canada Inc.							
73315756	CARBON DIOXIDE DELIVERY				443	31-Aug-2021	09-Sep-2021	
70-5-0700-7400	002077			Carbon Dioxide				3,791.92
010103	Associated Engineering (Ont) Ltd							
529792	DAF - PHASE 1				443	12-Aug-2021	09-Sep-2021	
70-7-0700-8745	700220			Treatment Plant				1,441.29
050099	Enbridge Gas Inc							
910052837190-	8-0M3 GAS - LOW LIFT				443	27-Aug-2021	09-Sep-2021	
70-5-0700-7410	002073			Gas				26.34
070173	GREENFLAG COATINGS							
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
080250	Hydro One Networks Inc							
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

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Vendor Code	Vendor Name					Batch	Inv Date	Inv Due Date	Amount
Invoice No.	Description								
G.L. Account	CC1	CC2	CC3	GL Account Name					
DEPARTMENT 0700	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
150365	Ontario Clean Water Agency								
INV0000001403	AUG/21 OPER&MTCE					443	31-Aug-2021	09-Sep-2021	
70-5-0700-6720	002071			OCWA Operating Contract					279,050.71
160530	Pricewaterhouse Coopers LLP								
TR141167587	RESTRUCTURING CONSULTANT - FINANCIAL					443	17-Aug-2021	09-Sep-2021	
70-5-0700-7950	002070			Professional Services					8,977.85
190185	SGS Canada Inc								
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
190755	Sun Life Assurance Company Of Canada								
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
230440	Willis Business Law								
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
Department Totals :									600,773.27