

THE UNION WATER SUPPLY SYSTEM
JOINT BOARD OF MANAGEMENT
AGENDA
APRIL 20, 2016
COMMENCING AT 9:00 AM
IN THE COMMUNITY ROOM - KINGSVILLE ARENA

(A) Call to Order:

(B) Disclosures of Pecuniary Interest:

(C) Adoption of Minutes:

Minutes of the meeting of the Union Water Supply System Joint Board of Management Meeting held Wednesday, March 16, 2016

Pages 2 - 6

(D) Business Arising Out of the Minutes:

(E) Items for Consideration:

1. UW/13/16 - Status Update of UWSS Operations & Maintenance Activities and Capital Works to April 15, 2016 and dated April 15, 2016
Pages 7 - 9
2. UW/14/16 - MOECC Drinking Water Inspection Report for the UWSS - January 14, 2016 Inspection, dated April 11, 2016
Pages 10 - 11
3. UW/15/16 - Payments from March 11 to April 14, 2016 dated April 15, 2016
Pages 12 - 19

(F) New Business:

(G) Adjournment:

(H) Date of Next Meeting: May 18, 2016, Kingsville Community Room in the Kingsville Arena

/kmj

**THE UNION WATER SUPPLY SYSTEM
JOINT BOARD OF MANAGEMENT**

MINUTES OF MEETING

HELD FEBRUARY 17, 2016 AT 9 AM

IN KINGSVILLE COMMUNITY ROOM - KINGSVILLE ARENA

Members Present: Mayor Paterson; Councillors, Verbeke, Dunn - Leamington
Mayor Nelson Santos (Vice-Chair); Councillors Gaffan, Neufeld,
Patterson - Kingsville
Mayor McDermott - Essex

Members Absent: Deputy Mayor MacDonald (Chair), Councillors Jacobs, Hammond -
Leamington;
Councillor Diemer - Lakeshore

Staff Present: Rodney Bouchard, Union Water Supply System Manager

OCWA Staff Present: Dale Dillen - Operations Manager
Brian Symondson - Regional Representative

Municipal Staff Present: Ramona Nordeman - Leamington
Shannon Belleau - Leamington
Andy Graf - Essex

Call to Order: 9:05 am

Disclosures of Pecuniary Interest: None

Adoption of Council Minutes:

No. UW-18-16

Moved by: Tony Gaffan

Seconded by: Larry Verbeke

That Minutes of the UWSS Board meeting of February 17, 2016 be received.

Carried

Business Arising Out of the Minutes:

None

Report UW/09/16 dated March 11, 2016 re: Status update on UWSS Operations & Maintenance Activities and Capital Works to March 11, 2016

The Manager notes that maintenance of the UWSS system is an on-going thing that is managed through the OCWA maintenance management system.

The Manager informs the Board that the MOE inspection report for UWSS has not been received as of today's date. He indicates that due to the recent water crisis in Flint, Michigan, he suspects that the MOE inspectors are looking at drinking water systems very closely. The Manager expects that the inspection report should be received before the end of March 2016.

He informs members of the Board that Watech Services has been retained to conduct an inspection of clearwell #2, repair of raw water intake #2, and install zebra mussel control system for intake #1. This work will occur in May 2016. The Manager also indicates that Watech will return in October 2016 to complete repairs on reservoir #2.

The Manager notes that communication system improvements for UWSS are progressing and that, except for a few minor issues, all is moving ahead as planned.

The Manager explains that a consultant has been hired to conduct testing of various coagulants and polymers to identify which ones would work best for UWSS source water. The first part of the testing was done in early March at the UWSS plant. The second part would be completed in the next week or so.

The Manager elaborates on how this data is being gathered to ensure that UWSS water quality is as good as can be and that there are no corrosion issues in distribution system associated with the chemicals used. Board members pose a few questions regarding lead piping etc in the common distribution system. The Manager explains that he doesn't really have the answer to whether there are lead pipes/services in the common distribution system. This is more a question to the local municipalities as they manage the local distribution systems. The Manager does indicate that it is possible that some of the older homes could have lead services or lead solder in plumbing. The Manager explains that corrosion in the distribution system is a difficult thing to understand and predict and that UWSS is undertaking all steps to ensure that corrosion potential is minimized.

The Manager indicates that Cottam Booster pump #3 was removed, inspected, refurbished and reinstalled. Low lift #3 is still being inspected.

The Manager notes that Microstrainer #1 is being decommissioned and #2 will be decommissioned later in the year. He further indicates that contract for Pole Barn roof replacement was awarded to All Good Construction of Tilbury. One of the Board members indicated that he was concerned about using All Good Construction due to a past experience with them that wasn't satisfactory. The Manager indicated that he would look into this issue further before proceeding with this work.

The Manager then notes that the relocation of the carbon system has been completed; that old water meters in the systems are being removed; and that exterior parking lot lights at UWSS plant will be replaced with LED.

No. UW19-16

Moved by: Mayor McDermott

Seconded by: Bill Dunn

That report UW/09/16 dated March 11, 2016 re: Status update on UWSS Operations & Maintenance Activities and Capital Works to March 11, 2016 is received.

Carried (UW/09/16)

Report UW/10/16 dated March 16, 2016 re: UWSS 2015 Financial Statements

On behalf of the UWSS, the Leamington Treasurer, Ramona Nordemann, reviews the 2015 UWSS Financial Report and Financial Statements with the Board members. She indicates that the audit of 2015 finances was conducted by Hicks, Macpherson, latonna, and Driedger (HMID) Accountants. The audit report indicates a clean audit for UWSS for 2015 financials. No significant issues were identified.

The treasurer then explains that investment revenue for 2015 was well below predicted due to a depression in the market over the second half of 2015. She also indicates that electrical costs were significantly higher than budgeted. The UWSS manager reminds the Board that this was the result of a significant increase in electrical rates that was imposed by electrical providers in mid 2015.

The treasurer then notes that staff wages and benefits costs were much higher than budgeted and she explains that this is because post-retirement benefits now have to be included in financial statements. Board members have some questions about this item. The treasurer explains that this is to account for the cost of lifetime benefits for staff assuming that they retire at 65. A formula is used to calculate how much it costs each year to account for these post retirement benefits. .

No. UW-20-16

Moved by: Bill Dunn

Seconded by: Larry Verbeke

That the Board receives report UW/10/16 dated March 16, 2016 re: UWSS 2015 Financial Statements.

Carried (UW/10/16)

As part of the discussion of UWSS 2015 Financial Statements, Councillor Gaffan made a motion that the UWSS Manager be directed to send a letter to the Federal Government and Ontario Government in regards to the ever increasing costs of electricity and the financial burden that it poses to municipal drinking water system.

No. UW-21-16

Moved by: Tony Gaffan

Seconded by: Thomas Neufeld

That the Board directs the UWSS Manager to send correspondence to the Federal Government and Ontario Government in regards to the financial burden to municipal drinking water systems from ever increasing electrical costs.

Carried (UW/11/16)

Report UW/11/16 dated March 8, 2016 re: NSERC Research Grant - Cyanotoxin Control Strategies in Drinking Water Project

The Manager explains to the Board this UWSS was invited by University of Toronto to participate in a grant funding application for continued toxic algae research. The proposal also includes other municipalities such as Toronto, Peel, York, and Hamilton. The Manager explains that NSERC awarded a grant of \$135,680 to the project team on top of the \$135,680 that is already being provided by the team. The Manager notes that UWSS contribution is through in-kind funding only such as staff time and providing data. The Manager further indicates that this project will help UWSS identify methods for dealing with the effects of blue green algae blooms on UWSS source water.

No. UW-22-16

Moved by: Thomas Neufeld

Seconded by: Larry Patterson

Page 5, Union Water Supply System Joint Board of Management Meeting Minutes
March 16, 2016

That the Board receive report UW/11/16 dated March 8, 2016 re: NSERC Research Grant - Cyanotoxin Control Strategies in Drinking Water Project

Carried (UW/12/16)

Report UW/12/16 dated March 11, 2016 re: Payments from February 12 to March 11, 2016

No. UW-23-16

Moved by: Larry Patterson

Seconded by: Mayor Paterson

That report UW/12/16 dated March 11, 2016 re: Payments from February 12 to March 11, 2016 is received.

Carried (UW/13/16)

New Business

No new business was identified.

Adjournment:

Moved by: Mayor McDermott

Seconded by: Tony Gaffan

That the meeting adjourn at 9:52 am

Carried

Date of Next Meeting: April 20, 2016, 9 am, Kingsville Community Room, Kingsville Arena

UW/13/16

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

From: Rodney Bouchard, Union Water Manager

Date: April 15, 2016

Re: Status Update of UWSS Operations & Maintenance Activities and Capital Works to April 15, 2016



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.

Discussion:

The UWSS 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. Watech Services will be coming to the plant in May to conduct an inspection of clearwell #2, repair raw water intake #2 and install sodium Hypochlorite lines in intake #1. They will return in October to complete the repairs in reservoir #2.
3. Communication upgrades to Cottam and area of UWSS are ongoing.
4. UWSS retained Associated Engineering to conduct on-site bench testing of various coagulants and polymers. Testing of over a dozen different coagulants and polymers was undertaken during two separate testing events in March. The consultant report for this work is expected to be received by April 18, 2016. The results of this testing will be used to select the best coagulant and polymer for optimized coagulation and to minimize the potential for corrosion in the distribution system.
5. The Ministry of Environment and Climate Change (MOECC) inspection report of the UWSS facilities for the January 14, 2016 inspection was received on March 30, 2016. The results of the inspection report are discussed further in UWSS Report UW/14/16 dated April 11, 2016.

April 15, 2016 - UW/13/16

Re: Status Update of UWSS Operations & Maintenance Activities and Capital Works
to April 15, 2016

6. Gillett Sheet Metal is almost done with the removal of Microstrainer #1. It is anticipated that full removal will be completed by the end of April 2016. Associated Engineering has been retained to design an engineered flooring structure to cover the Microstrainer #1 hole, thus creating more usable floor space in this area of the treatment plant. Microstrainer #2 will be decommissioned later in the year.
7. Replacement of the Pole Barn roof has been completed. The new metal roof was successfully "tested" during recent heavy rain events.
8. Relocation of the carbon system has been completed. The old carbon pumping system has been decommissioned.
9. An old water meter on the corner of Cull Street and Heritage Road in Kingsville has been removed as it was no longer being used. An isolation valve at this location was also repaired.
10. A leaking valve on Graham Sideroad was dug up for repair; it turned out to be a coupling that was leaking as a result of improper restraints to the coupling. Repairs have been made by OCWA staff.
11. Leamington glass was contracted to undertake the 2016 phase of window replacements at the treatment building. The window replacements have been completed.
12. Billing meter replacements will be starting on April 18th with Valve chamber #9 and April 25th meter #26 will be replaced, both meters feed the Essex Tower.

Comparative Flows for 2012 through 2016 in Millions of Imperial Gallons (for the period 1 January to April 14, 2016)

	2012	2013	2014	2015	2016
Flow to Date (MG)	748.14	681.56	764.04	700.36	682.75
Max Day (MGD)	11.08	8.89	10.42	9.36	9.74
Min Day (MGD)	4.37	4.65	4.19	3.79	4.29
Average Day (MGD)	7.13	6.55	7.35	6.73	6.50
No of Days	105	104	104	104	105

Flows to date are down 17.61 MIG or 2.51% from last year. The 2016 flows to date are 5.63% below the previous 4 year average.

April 15, 2016 - UW/13/16

Re: Status Update of UWSS Operations & Maintenance Activities and Capital Works
to April 15, 2016

Recommendation:

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

Respectfully submitted,



Rodney Bouchard, P. Geo., Manager
Union Water Supply System Joint Board of Management

rb/kmj

Filename: t:\union wtr\reports to board\2016\uw13-16 operations report for april 2016.docx

To: Chair and Members of the Union Water Supply System (UWSS) Management Board

From: Rodney Bouchard, UWSS Manager

Date: April 11, 2015

Re: MOECC Drinking Water Inspection Report for the UWSS - January 14, 2016 Inspection



RECOMMENDATION

That the Union Water Supply System (UWSS) Board receives this report for information.

BACKGROUND

The UWSS is subject to annual inspections by the Ontario Ministry of Environment and Climate Change (MOECC) under the Safe Drinking Water Act, 2002 (SDWA) and its associated regulations.

The UWSS was inspected on January 14, 2016 and the final report for that inspection was issued by the MOECC on March 30, 2016. The previous inspection was conducted on December 17, 2014.

DISCUSSION:

The March 30, 2016 inspection report identifies three (3) items under the report section titled *Non-Compliance with Regulatory Requirements and Actions Required*. These 3 items were identified by the inspector as items of non-compliance with the SDWA for the inspection period and provides the required actions to be undertaken by UWSS. The identified non-compliances generally relate to documentation and operating procedures. Details regarding the non-compliances are provided on Pages 31-32 of the Final Inspection Report (see www.unionwater.ca).

The inspection report also includes a section titled *Summary of Recommendations and Best Practice Issues*, found on pages 33-34 of the Final Inspection Report that provides recommended actions and best practices, mainly attributed to improvements to record keeping/documentation and Standard Operating Procedures.

It should be noted that the identified non-compliances and best practices recommendations have been or are currently been addressed. All necessary required actions will be completed and reported to the MOECC drinking water inspector prior to the imposed April 30, 2016 deadline.

April 11, 2016 - UW/14/16

Re: MOECC Drinking Water Inspection Report for the UWSS-January 14, 2016
Inspection

2

It should also be noted that the inspection did not identify any issues or non-compliances associated with the quality of drinking water produced by the UWSS.

As required by the regulations under the SDWA, the municipal water systems which receive drinking water from the UWSS have been provided with copies of the inspection report for the January 14, 2016 inspection. Further, the inspection report has been posted on the UWSS website www.unionwater.ca.

CONCLUSION

This report is being provided to the Board for information purposes.

Respectfully submitted,



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

Filename: t:\union wtr\reports to board\2016\uw14-16 moecc drinking water inspection report for the uwss for january 14, 2016 inspection.docx

UW/15/16

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

From: Rodney Bouchard, Union Water Manager

Date: April 15, 2016

Re: Payments for the UWSS from March 11 to April 15, 2016



Aim:

To provide the Board with a copy of payments made by the Union Water Supply System from March 11 to April 12, 2016.

Recommendation:

For information purposes.

Respectfully submitted,



Rodney Bouchard, P. Geo., Manager
Union Water Supply System Joint Board of Management

rb/kmj

Filename: t:\union wtr\reports to board\2016\uw15-16 payments from march to april 2016.docx



Vendor : 001410 To PT00000084

Batch : All

Department : All

Cheque Print Date : 09-Mar-2016 To 11-Mar-2016

Bank : 01 To 07

Class : All

Vendor Invoice	Vendor Name Description	Batch	Invc Date	Invc Due Date	Amount
G.L. Account	CC1 CC2 CC3 GL Account Name				
DEPARTMENT 0700 Union Water System					
010076 ALL GOOD CONSTRUCTION					
PO 2016-016 3 30% DOWN - POLE BARN UPGRADES-NEW ROOF		133	07-Mar-2016	10-Mar-2016	
70-7-0700-8745	700020 Treatment Plant				3,169.65
050003 E.L.K. ENERGY INC					
40010915-JAN ESSEX WATER TOWER		133	01-Mar-2016	10-Mar-2016	
70-5-0700-7420	002073 Electricity				236.38
40047150-JAN METER #9		133	01-Mar-2016	10-Mar-2016	
70-5-0700-7420	002073 Electricity				39.91
90006300-JAN COTTAM BOOSTER STATION		133	01-Mar-2016	10-Mar-2016	
70-5-0700-7420	002073 Electricity				3,309.08
080250 HYDRO ONE NETWORKS INC					
200141680894 LEAMINGTON WATER TOWER		133	29-Feb-2016	10-Mar-2016	
70-5-0700-7420	002073 Electricity				426.23
200141681706 METER #2		133	29-Feb-2016	10-Mar-2016	
70-5-0700-7420	002073 Electricity				65.37
200141683019 METER #3		133	29-Feb-2016	10-Mar-2016	
70-5-0700-7420	002073 Electricity				58.83
200141683423 METER #6		133	29-Feb-2016	10-Mar-2016	
70-5-0700-7420	002073 Electricity				46.41
200141683524 METER #8		133	29-Feb-2016	10-Mar-2016	
70-5-0700-7420	002073 Electricity				45.08
200141687362 METER #22		133	29-Feb-2016	10-Mar-2016	
70-5-0700-7420	002073 Electricity				33.76
200141687665 METER #21		133	04-Mar-2016	10-Mar-2016	
70-5-0700-7420	002073 Electricity				225.85
200141687766 METER #29		133	29-Feb-2016	10-Mar-2016	
70-5-0700-7420	002073 Electricity				41.22
200141687867 METER #24		133	29-Feb-2016	10-Mar-2016	
70-5-0700-7420	002073 Electricity				32.10
150365 ONTARIO CLEAN WATER AGENCY					
INV000083967 OCWA CONTRACT CLIENT UNIWAT01		133	29-Feb-2016	10-Mar-2016	
70-5-0700-6720	002071 OCWA Operating Contract				219,455.51
Department Totals :					227,185.38



Vendor : 001410 To PT00000084
 Batch : All
 Department : All

Cheque Print Date : 09-Mar-2016 To 11-Mar-2016
 Bank : 01 To 07
 Class : All

Vendor Invoice	Vendor Name Description	Batch	Inv Date	Inv Due Date	Amount
G.L. Account	CC1 CC2 CC3 GL Account Name				
DEPARTMENT 0036	A/R - Trade				
150365	ONTARIO CLEAN WATER AGENCY				
2014 - 1	2014 OCWA REBATE CHEM EXP		110 26-Feb-2016	03-Mar-2016	
70-1-0036-0024	AR Miscellaneous				-46,778.83
2014 - 2	2014 OCWA REBATE CAPITAL EXP		110 26-Feb-2016	03-Mar-2016	
70-1-0036-0024	AR Miscellaneous				-457.75
INV000083271	2015 OCWA REBATE		110 18-Jan-2016	03-Mar-2016	
70-1-0036-0024	AR Miscellaneous				-82,796.49
Department Totals :					-130,033.07

MUNICIPALITY OF LEAMINGTON
 Council/Board Report By Dept-(Computer)



AP5130

Date : Mar 16, 2016

Page 15 of 19

Time : 3:48 pm

Vendor : 001410 To PT00000084
 Batch : All
 Document : All

Cheque Print Date : 16-Mar-2016 To 16-Mar-2016
 Bank : 01 To 07
 Class : All

Vendor Invoice	Vendor Name Description				Batch Invc Date	Invc Due Date	Amount
G.L. Account	CC1 CC2 CC3 GL Account Name						
DEPARTMENT 0700 Union Water System							
030515 CUETS FINANCIAL							
INGERSOLL TI MEAL - R.BOUCHARD - FEB26							
70-5-0700-7030	002070 002001		Travel & Mileage		115 26-Feb-2016	17-Mar-2016	11.97
TORONTO AIR ROOM - R.BOUCHARD - CWN MEETING							
70-5-0700-7030	002070 002002		Travel & Mileage		115 25-Feb-2016	17-Mar-2016	170.42
ZEHRS-FEB17 BOARD MEETING EXPENSES							
70-5-0700-7052	002070		Meeting Expenses		115 17-Feb-2016	17-Mar-2016	7.69
080250 HYDRO ONE NETWORKS INC							
200141677460 FEB HYDRO - RUTHVEN WTP							
70-5-0700-7420	002073		Electricity		115 08-Mar-2016	17-Mar-2016	47,423.53
200141680692 FEB HYDRO - LOW LIFT							
70-5-0700-7420	002073		Electricity		115 08-Mar-2016	16-Mar-2016	19,080.87
200141690190 FEB HYDRO - METER#26							
70-5-0700-7420	002073		Electricity		115 15-Mar-2016	16-Mar-2016	100.89
130620 MONARCH OFFICE SUPPLY INC							
442192 CHAIRMAT, PENS, FOLDERS, PAPER CLIPS							
70-5-0700-7010	002070 002060		Office Supplies		115 03-Feb-2016	17-Mar-2016	134.64
15007 PHASOR INDUSTRIAL							
15007 VFD-MAIN WASH #1 (UW)							
70-7-0700-8740	700052		Pumps		115 29-Feb-2016	17-Mar-2016	3,141.40
180325 RICOH CANADA INC							
SCO91045568 COPIER CONTRACT FEB/16							
70-5-0700-7010	002070 002060		Office Supplies		115 29-Feb-2016	17-Mar-2016	53.95
190755 SUN LIFE ASSURANCE COMPANY OF CANADA							
MAR-16 UNION WATER LOAN 3724:1							
70-5-0700-6000	002020 006901		Debenture Principal		115 01-Mar-2016	17-Mar-2016	25,360.94
70-5-0700-6100	002010 006901		Debenture Interest				133,964.64
210120 UNION GAS LTD							
FEB-MAR16 16 2-1487.809M3 GAS - COTTAM BOOSTER							
70-5-0700-7410	002073		Gas		115 10-Mar-2016	16-Mar-2016	417.76
Department Totals :							229,868.70



Vendor : 001410 To PT00000085
 Batch : 151 To 151
 Department : All

Cheque Print Date : 23-Mar-2016 To 23-Mar-2016
 Bank : 01 To 07
 Class : All

Vendor Invoice	Vendor Name Description				Batch Invc Date	Invc Due Date	Amount
G.L. Account	CC1	CC2	CC3	GL Account Name			
DEPARTMENT 0700 Union Water System							
010103 ASSOCIATED ENGINEERING (ONT) LTD							
520831	COAGULANT STUDY - SCALE TESTING				151 11-Mar-2016	23-Mar-2016	
70-5-0700-7989	002070			Operational Programs & Studies			13,978.67
050095 EMCO WW WINDSOR							
38600328-00 (INTAKE #1 - SODIUM HYPO LINE				151 08-Mar-2016	23-Mar-2016	
70-7-0700-8735	700120			Low Lift Station			2,762.41
061275 FLOVAL EQUIPMENT LTD							
2016000247	FILTER #1				151 14-Mar-2016	23-Mar-2016	
70-7-0700-8730	700011			Filters			3,606.28
995929 LAKESIDE PROCESS CONTROLS LTD.							
CD970010570	METER#9; #26 & #11				151 03-Mar-2016	23-Mar-2016	
70-7-0700-8750	002203			Watermains			13,376.15
70-7-0700-8750	002202			Watermains			6,446.10
130149 MARK DAMPHOUSE PAINTING INC							
2018	CBS PUMP #3 - PAINT/PRIME				151 08-Mar-2016	23-Mar-2016	
70-7-0700-8725	700050			Cottam Booster Station			2,994.50
130193 MAXXAM ANALYTICS							
CP3122992	COAGULANT STUDY - LAB TESTING				151 14-Mar-2016	23-Mar-2016	
70-5-0700-7989	002070			Operational Programs & Studies			795.80
Department Totals :							43,959.91

Total Unpaid for Approval :	0.00
Total Manually Paid for Approval :	0.00
Total Computer Paid for Approval :	43,959.91
Total EFT Paid for Approval :	0.00
Grand Total ITEMS for Approval :	43,959.91



Vendor : 001410 To PT00000086
 Batch : All
 Department : All

Cheque Print Date : 31-Mar-2016 To 31-Mar-2016
 Bank : 01 To 07
 Class : All

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					
050195 ESSEX POWERLINES CORPORATION					
220651-FEB16	2-15KWH - METER#4	169	23-Mar-2016	31-Mar-2016	
70-5-0700-7420	002073 Electricity				63.13
994271 ESSEX REGION CHILDREN'S WATER FESTIVAL					
2016	DONATION TO ERCWF	169	29-Mar-2016	31-Mar-2016	
70-5-0700-7130	002070 Advertising & Promotion				3,000.00
080250 HYDRO ONE NETWORKS INC					
200141687564	FEB/16 HYDRO - METER#25	169	21-Mar-2016	31-Mar-2016	
70-5-0700-7420	002073 Electricity				33.87
200152134969	MAR/16 HYDRO - METER#17	169	21-Mar-2016	31-Mar-2016	
70-5-0700-7420	002073 Electricity				42.18
160535 PRIMARY FLUID SYSTEMS INC					
151188	SODIUM HYPO - LOW LIFT	169	15-Mar-2016	31-Mar-2016	
70-7-0700-8735	700120 Low Lift Station				873.38
990644 PRO-BID CONTRACTORS LTD					
1721	BROKEN WATERMAIN	169	18-Mar-2016	31-Mar-2016	
70-7-0700-8750	002203 Watermains				8,000.71
190990 SYNTEC PROCESS EQUIPMENT					
0084380-IN	SODIUM HYPO - LOW LIFT	169	21-Mar-2016	31-Mar-2016	
70-7-0700-8735	700120 Low Lift Station				963.90
210120 UNION GAS LTD					
FEB-MAR16 16	13735.815M3 GAS - RUTHVEN WTP	169	22-Mar-2016	31-Mar-2016	
70-5-0700-7410	002073 Gas				3,719.38
FEB-MAR16 UI	1827.111M3 GAS - LOW LIFT	169	24-Mar-2016	31-Mar-2016	
70-5-0700-7410	002073 Gas				507.27
Department Totals :					17,203.82



Vendor : 001410 To PT00000086
 Batch : All
 Department : All

Cheque Print Date : 04-Apr-2016 To 08-Apr-2016
 Bank : 01 To 07
 Class : All

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				
030410 COLASANTI'S RESTAURANT					
E01765	COFFEE/MUFFINS - MEETING MAR16	245	16-Mar-2016	08-Apr-2016	
70-5-0700-7052	002070 Meeting Expenses				22.00
70-5-0700-7052	002070 Meeting Expenses				47.45
050003 E.L.K. ENERGY INC					
40010915-FEB 2-1396KWH - ESSEX WATER TOWER		245	01-Apr-2016	08-Apr-2016	
70-5-0700-7420	002073 Electricity				221.20
40047150-FEB 2-203KWH - METER #9		245	01-Apr-2016	08-Apr-2016	
70-5-0700-7420	002073 Electricity				48.70
90006300-FEB 2-18680KWH - COTTAM BOOSTER		245	01-Apr-2016	08-Apr-2016	
70-5-0700-7420	002073 Electricity				3,885.00
997965 EATON INDUSTRIES (CANADA) COMPANY					
01835757	LABOUR - RECONDITION BREAKERS	245	11-Mar-2016	08-Apr-2016	
70-7-0700-8745	700080 Treatment Plant				7,627.50
070142 GREAT LAKES INDUSTRIAL CONTROLS					
030708	CARBON FEED SYSTEM PUMP	245	17-Mar-2016	08-Apr-2016	
70-7-0700-8745	700170 Treatment Plant				12,617.35
080250 HYDRO ONE NETWORKS INC					
200141680894 FEB/16 HYDRO - LEAM. WATER TOWER		245	30-Mar-2016	08-Apr-2016	
70-5-0700-7420	002073 Electricity				463.83
200141681706 FEB/16 HYDRO - METER #2		245	29-Mar-2016	08-Apr-2016	
70-5-0700-7420	002073 Electricity				68.70
200141682009 JAN/16 HYDRO - ALBUNA WATER TOWER		245	01-Mar-2016	08-Apr-2016	
70-5-0700-7420	002073 Electricity				1,627.21
200141683019 FEB/16 HYDRO - METER #3		245	30-Mar-2016	08-Apr-2016	
70-5-0700-7420	002073 Electricity				50.63
200141683120 JAN/16 HYDRO - METER #5		245	01-Mar-2016	08-Apr-2016	
70-5-0700-7420	002073 Electricity				47.15
200141683423 FEB/16 HYDRO - METER #6		245	30-Mar-2016	08-Apr-2016	
70-5-0700-7420	002073 Electricity				49.21
200141683524 FEB/16 HYDRO - METER #8		245	29-Mar-2016	08-Apr-2016	
70-5-0700-7420	002073 Electricity				46.54
200141683726 FEB/16 HYDRO - METER #15		245	24-Mar-2016	08-Apr-2016	
70-5-0700-7420	002073 Electricity				34.04
200141687362 FEB/16 HYDRO - METER #22		245	29-Mar-2016	08-Apr-2016	
70-5-0700-7420	002073 Electricity				35.93
200141687766 FEB/16 HYDRO - METER #29		245	29-Mar-2016	08-Apr-2016	
70-5-0700-7420	002073 Electricity				50.75
200141687867 FEB/16 HYDRO - METER #24		245	29-Mar-2016	08-Apr-2016	
70-5-0700-7420	002073 Electricity				34.23
150365 ONTARIO CLEAN WATER AGENCY					
INV000084542 MAR/16 OPER&MTCE		245	31-Mar-2016	08-Apr-2016	
70-5-0700-6720	002071 OCWA Operating Contract				219,455.51
180325 RICOH CANADA INC					
SCO91068285 COPIER CONTRACT		245	22-Mar-2016	08-Apr-2016	
70-5-0700-7010	002070 002060 Office Supplies				81.30



Vendor : 001410 To PT00000086
 Batch : All
 Department : All

Cheque Print Date : 11-Apr-2016 To 14-Apr-2016
 Bank : 01 To 07
 Class : All

Vendor Invoice	Vendor Name Description				Batch Invc Date	Invc Due Date	Amount
G.L. Account	CC1	CC2	CC3	GL Account Name			
DEPARTMENT 0700 Union Water System							
030515 CUETS FINANCIAL							
LUCKY CHOP- BUSINESS LUNCH - OPERATION MGR 250 08-Mar-2016 14-Apr-2016							
70-5-0700-7052	002070			Meeting Expenses			24.84
70-5-0700-7052	002070			Meeting Expenses			3.50
070160 GREEN SHIELD CANADA							
APR-16 JAN-APR ADJUSTMENTS 166 14-Apr-2016 14-Apr-2016							
70-5-0700-5203	002000			Extended Health			16.74
70-5-0700-5203	002000			Extended Health			50.22
080250 HYDRO ONE NETWORKS INC							
200141682009 FEB/16 HYDRO - ALBUNA WATER TOWER 250 01-Apr-2016 14-Apr-2016							
70-5-0700-7420	002073			Electricity			1,981.61
70-5-0700-7420	002073			Electricity			24.41
200141683120 FEB/16 HYDRO - METER #5 250 01-Apr-2016 14-Apr-2016							
70-5-0700-7420	002073			Electricity			51.50
70-5-0700-7420	002073			Electricity			0.71
200141687665 FEB/16 HYDRO - METER #21 250 05-Apr-2016 14-Apr-2016							
70-5-0700-7420	002073			Electricity			227.51
200141690190 MAR/16 HYDRO - METER #26 250 08-Apr-2016 14-Apr-2016							
70-5-0700-7420	002073			Electricity			97.59
Department Totals :							2,478.63