

THE UNION WATER SUPPLY SYSTEM

JOINT BOARD OF MANAGEMENT

AGENDA

WEDNESDAY, JULY 18, 2018

COMMENCING AT 9:00 AM

IN THE RUTHVEN WATER TREATMENT PLANT BOARD ROOM

(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, June 20, 2018
Pages 2 - 6

(D) Business Arising Out of the Minutes:

(E) Items for Consideration:

1. UW/17/18 dated July 13, 2018 re: Status Update of UWSS Operations & Maintenance Activities and Capital Works to July 13, 2018
Pages 7 - 8
2. UW/18/18 dated July 11, 2018 re: Design and Engineering - Cottam Booster Station Reservoir Cover Rehabilitation
Pages 9 - 11
3. UW19/18 dated July 2018 re: Proposed 2018 UWSS Budget Amendment
Pages To be submitted under separate cover
4. UW/20/18 dated July 13, 2018 re: Payments from June 16 to July 13, 2018
Pages 12 - 16

(F) New Business:

(G) Adjournment:

(H) Date of Next Meeting: August 15, 2018 at 9:00 am location TBD

/kmj

THE UNION WATER SUPPLY SYSTEM
JOINT BOARD OF MANAGEMENT
MINUTES OF MEETING
HELD JUNE 20, 2018 AT 9 AM
IN KINGSVILLE COMMUNITY ROOM - KINGSVILLE ARENA

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

Members Absent: Councillor Hammond - Leamington
Councillor Neufeld - Kingsville
Mayor McDermott - Essex
Councillor Diemer - Lakeshore

Staff Present: Laura Rauch, Shannon Belleau - Leamington

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

Call to Order: 9:00 am

Disclosures of Pecuniary Interest: none

Adoption of Council Minutes:

No. UW-26-18

Moved by: Councillor Jacobs

Seconded by: Councillor Patterson

That Minutes of the UWSS Joint Board of Management meeting of May 16, 2018
be received.

Carried

Business Arising Out of the Minutes:

There was none.

Report UW/13/18 dated June 15, 2018 re: Status Update of the UWSS Operations & Maintenance Activities and Capital Works to June 15, 2018

The Manager informs board members that rehabilitation work is progressing well on the Essex Water Tower (EWT). He notes that the intermediate exterior coating will need inspection and then a final paint coat will be applied as well as the logo. He also confirms that the project is moving ahead of schedule.

The Leamington Water Tower (LWT) has been taken offline to allow for time for the paint inspection. The inspection is part of warranty process for the rehabilitation that took place in 2015. During the down time a new cathodic protection system will be installed.

The Manager reminds members of the board that the UWSS has transitioned from the process of chloramination to free chlorine. This process started on June 4th and is expected to last approximately eight (8) weeks. He further notes that all municipalities are working in conjunction with OCWA staff to ensure that the new water is pushed through the system. He also indicates that there could be an extension to the free chlorine process, but he will be evaluating whether it is necessary or not and then report back to the UWSS Board.

He reports on two (2) items that required notification to the MOECC. On May 19th a PLC failure resulted in a coagulant pump failure as the feed was stopped for a period of time; and secondly, an AWQI was reported for a low chlorine residual in Lakeshore. However, as this was the result of the transition to free chlorine the MOECC granted relief as flushing is being undertaken during this process.

The Manager then notes that the aluminum residuals are starting to creep higher as the lake warms. Therefore, staff have adjusted to an alternative coagulant, which is the same as last year. This will help maintain the aluminum residuals.

He then reminds board members of the issue within Meter #8 which occurred last summer and required repairs. He notes that the same meter chamber has now developed a leak. At this point it is not causing any issues however he will be working with Kingsville staff to determine the best course of action to make repairs over the next couple of weeks.

Watech Services has inspected the two (2) raw water intakes on June 14th and a report is expected shortly to indicate any concerns or possible repairs.

The Manager notes that the flows are up over last year and the four (4) year average.

The board was concerned that with the extra flushing occurring for the free chlorine process, this could be adding to the increased flows. The Manager states that flows have been higher right from the beginning of the year.

Members are also concerned about whether or not UWSS can handle the increased flows. The Manager notes the plant capacity and that the plant is sitting at approximately 65% and he will be closely monitoring the peak days. He also notes that UWSS is doing many updates and upgrades to increase its efficiency which will allow for an increase to the plant capacity.

Finally, the Manager mentions that the MOECC has started their inspections of the Town of Essex and the Municipality of Leamington.

No. UW-27-18

Moved by: Councillor Dunn

Seconded by: Councillor Verbeke

That report UW/13/18 dated June 15, 2018 re: Status Update of the UWSS Operations & Maintenance Activities and Capital Works to July 15, 2018 is received.

Carried (UW/13/18)

Report UW/14/18 dated June 15, 2018 re: Legal Review of UWSS Wholesale Water Rate

The Manager reminds members of the board of the many discussions that have occurred regarding the UWSS rates over the past several years. He notes that back in 2014 there was a discussion of looking at various rate structures for the UWSS wholesale water rate.

He also reminds members of the board of the extension of the former Heinz rate to Highbury Canco as a courtesy, which was meant to be temporary in nature, until UWSS could determine a rate structure. However, that has not occurred at this time. The Manager felt that a legal review was appropriate to ensure that Highbury Canco was not receiving a rate that was considered bonusing.

The Manager retained Willis Business Law to provide a legal opinion regarding this situation and after review it was determined that such a rate provided to Highbury Canco could be considered bonusing and as such should be discontinued.

The Manager then recommends that the change take place on December 31, 2018.

There is then a discussion from the board members. The members ask how Highbury Canco will be billed. The Manager notes that Meter #4 is dedicated to Highbury Canco and will continue to be so in the future. Mayor Paterson thanks the UWSS board for allowing Highbury Canco to have been offered the old Heinz rate, while getting off the ground.

Mayor Santos questioned the Manager as to whether or not it was prudent to allow the UWSS to continue extending Highbury Canco the current rate until the end of the year, when in similar circumstances 30-60 days has been considered sufficient. The Manager notes that since it is mid-way through the year budgets had been planned and because there is a plan in place it fits within the legal review. He feels there should be no issues going forward.

Councillor Patterson asks the Manager if it is decided to amend the rate change to September 1, 2018 does Highbury Canco have grounds to appeal the rate change date. The Manager indicates that Highbury Canco has no grounds to appeal as they are not part of the Transfer Order.

Councillor Gaffan asks if there are other large users that consume the same amount as Highbury Canco. The Manager indicates that there are. Councillor Dunn asks the Manager for the increased costs that will be extended to Highbury Canco. The Manager estimates that they could face \$150,000 from the UWSS wholesale rate, this does not include the rate from the Municipality of Leamington.

Councillor Verbeke indicates that he feels the rate should not be changed mid-way through the year, due to budgeting purposes.

Mayor Paterson asks for a recorded vote on the recommendation as presented:

Recorded Vote

In Favour: Mayor Paterson, Deputy Mayor MacDonald, Deputy Mayor Queen, Councillors Jacobs, Verbeke, Dunn

Opposed: Mayor Santos, Councillors Patterson and Gaffan

No. UW-28-18

Moved by: Mayor Paterson

Seconded by: Councillor Verbeke

That the Union Water Supply System (UWSS) Board receives report UW14/18 dated June 15, 2018 re: Legal Review of Wholesale Water Rates for information and;

That the UWSS Board endorses the termination of the UWSS reduced wholesale water rate to Highbury Canco on December 31st, 2018 and;

That effective January 1, 2019, Highbury Canco becomes a direct customer of the Municipality of Leamington for water services and that the Municipality of Leamington be subject to regular wholesale water rate for Highbury Canco water demand.

Carried (UW14/18)

Report UW/15/18 dated June 14, 2018 re: Design, Engineering and Construction - Primary Chlorine Disinfection Systems Improvement

The Manager reminds members of the Water Quality Masterplan (WQMP) which reviewed all water treatment processes at the Ruthven facility to identify any improvements that could be made. It was noted at the time that there were several health and safety issues that should be remedied within the chlorine disinfection system. The Manager indicates that presently it is difficult for staff to move around inside the chlorine building while changing out the tonners. There is also some venting issues that should be addressed as well.

Associated Engineering (AE) is currently working on the CO₂ project and has suggested that there is potential to combine this project and the chlorine building upgrades to save some engineering costs.

The Manager explains that he is looking for \$900,000 unplanned budget for this project and asking for the funds to come from the reserves.

No. UW-29-18

Moved by: Councillor Patterson
Seconded by: Councillor Jacobs

That the Union Water Supply Joint Board of Management (UWSS Board) receives report UW/15/18 re: Design, Engineering and Construction - Primary Chlorine Disinfection System Improvements for information;

And further, that the UWSS Board approves a budget of \$900,000 to be funded from the UWSS Operating and Capital Funds Reserve for the undertaking of Design, Engineering and Construction services for improvements to the Primary Chlorine Disinfection System at the Ruthven Water Treatment Plant

Carried (UW15/18)

No. UW-30-18

Moved by: Mayor Paterson
Seconded by: Councillor Dunn

That report UW/16/18 dated June 15, 2018 re: Payments from May 11 to June 15, 2018 is received.

Carried (UW16/18)

New Business

The Board asks the Manager what his response will be if members of the public question him regarding the Highbury Canco rate. The Manager indicates that his response will be that the rate was only supposed to be temporary in nature, the UWSS had been looking at a rate structure change and also that just recently had a legal review completed and all was completed within the framework of the Municipal Act 2001. He confirms that a plan is in place.

Adjournment**No. UW-31-18**

Moved by: Councillor Verbeke
Seconded by: Councillor Gaffan
That the meeting adjourn at 9:34 am

Carried

Date of Next Meeting: Wednesday, July 18, 2018 at 9:00 am, Ruthven Water Treatment Plant, Board Room

/kmj

UW/17/18

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

From: Rodney Bouchard, Union Water Manager

Date: July 13, 2018

Re: Status Update of UWSS Operations & Maintenance Activities and Capital Works to July 13, 2018



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. Essex Tower progress - Coating of the Essex water tower is complete. As of the date of this report, the logo on the water tower was being applied and was almost complete. Scaffolding is currently being taken down and should be completed by the first week of August 2018. Once scaffolding is removed, the water tower will be disinfected and put back into service.
3. The paint coating warranty inspection of the Leamington Water Tower was completed in June 2018 and an inspection report was provided on June 27th, 2018. The inspection report indicated that the water tower coating was in good condition and only minor corrosion/damage/failure was noted. All coating repairs have been completed by the contractor JDCMI. Further, the new cathodic protection system has been installed. Disinfection of the water will take place July 19th, 2018 and the tower will be returned to service the week of July 23rd to 27th.
4. Watech services conducted underwater inspections of both raw water intakes on June 14th. The report was received on July 10th, some minor repairs are required and will be scheduled for 2019.
5. A vibration was detected in High Lift Pump #1 motor. Based on further inspection, the vibration appears to be the result of a bearing issue in the motor. The motor will be sent out Monday July 16th for repair.

Re: UW/17/18 - Status Update of UWSS Operations & Maintenance Activities and Capital Works to July 13, 2018

6. At the June 16, 2018 Board meeting, staff reported that a water leak was noted at a valve chamber on 2nd concession near Union Avenue. The area was exposed but no immediate leak was identified. Area has been restored. Will continue to monitor it over the next few months.
7. A new actuator was installed on valve number 425 in front of Cottam Booster; this valve can now be operated when needed.
8. The Ministry of Environment has notified the UWSS that the UWSS' Municipal drinking water license (MDWL) is due for renewal by January 20th 2019.
9. Essex Distribution Inspection report received July 6th with a 97.45% Inspection rating.
10. A Cyanobacteria monitoring station has been installed at the Union plant for a study period of three years. This monitoring is being conducted as part of a \$12 million study (*ATRAPP-Algal Blooms, Treatment, Risk Assessment, Prediction and Prevention through Genomics*) being led by University of Montreal Ecole Polytechnique. It will be monitoring four process streams, Raw, Clarified, Filtered and Treated water. The results will be monitored remotely using a cellular connection.

Comparative Flows for 2014 through 2018 in Millions of Imperial Gallons (for the period 1 January to July 12, 2018)

	2014	2015	2016	2017	2018
Flow to Date (MG)	1749.80	1597.75	1753.02	1718.94	1878.55
Max Day (MGD)	15.06	12.75	16.75	16.17	17.81
Min Day (MGD)	4.19	3.79	4.29	4.56	5.18
Average Day (MGD)	9.04	8.28	9.01	8.90	9.69
No of Days	192	192	193	192	192

Flows to date are up 159.67 MIG or 9.28% from last year. The 2018 flows to date are up 10.19% over the previous 4 year average.

Recommendation:

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

Respectfully submitted,



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

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UW/18/18

Report

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

From: Rodney Bouchard, Union Water Manager

Date: July 11, 2018

Re: Engineering and Design - Cottam Booster Station Reservoir
Cover Rehabilitation



Recommendation:

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

And further, that the Board approves a budget of \$50,000 to be funded from the UWSS Operating Funds Reserve for Design, Engineering, and Construction Management Services for the Rehabilitation of the Reservoir Cover at the Cottam Booster Station;

And further, that the UWSS Board authorizes the UWSS General Manager to undertake a direct negotiation with Stantec Consulting Ltd Windsor, Ontario office for these consultant engineering services.

Background:

Over the last few years, it was noted by UWSS' OCWA Operations staff that the soil and grass cover on the Cottam Booster Station (CBS) reservoir appeared to be uneven and thin in many areas and subject to ponding during heavy rain events.

During the heavy rains of April and May 2018, it was observed by OCWA staff and UWSS General Manager that significant ponding was occurring on the CBS Reservoir. This was noted to be a concern due to the potential for leakage into the reservoir should failure of the reservoir's protective cover/liner occur as a result of the water ponding issue.

Discussion:

On May 4, 2018 Stantec Consulting Ltd Windsor, ON office (Stantec) conducted an inspection of the CBS Reservoir cover to assess the effects of ponding on the protective

liner/cover. This inspection was conducted following a heavy rain event and significant water ponding was noted on the reservoir's protective cover.

The inspection by Stantec noted significant settling and soil erosion in the protective cover resulting in many low areas that pond during a rain event. The inspection also noted many areas that were very "spongy" thus indicating that drainage of the protective grass/soil cover is poor. Continued ponding on the cover would eventually cause failure of the protective cover and result in damage to the reservoir's concrete "lid". Stantec recommended that the reservoir's protective cover be regraded to reduce ponding, seeded to minimize soil erosion and also tiled to improve drainage.

Based on Stantec's inspection results and recommendations, the UWSS General Manager requested a proposal from Stantec to provide engineering services for the rehabilitation of the CBS reservoir protective cover and associated structures. Stantec's June 29th, 2018 proposal provides for design and engineering for the completion of the following works:

- Regrading and restoration of grass/soil cover over existing CBS reservoir;
- Installation of a new drainage tile system over existing CBS reservoir;
- Repair of existing retaining wall;
- Repair of existing asphalt access ramp;

Stantec's proposed services includes the following:

Design and Quotation Services

- Preparation of Construction Drawings and Specifications
- Preparation of Quotation Package and Contract Documents
- Preparation of Cost Estimate for Construction Work
- Assist UWSS with obtaining and reviewing quotes from contractors
- Preparation of Quotation Report including recommendations for award
- Assist UWSS with execution of contract documents to successful proponent

Construction Management Services

- Preparation of Construction Contract Documents and Drawings
- Arrange, attend, manage and prepare meeting minutes for pre-construction meeting and progress meetings
- Arrange for pre-construction photos
- Review shop drawings and submittals from contractor
- Inspection services and record keeping during construction; coordination of materials testing as needed
- Contract Administration Services including preparation of payment certificates and issuance of Substantial Performance;

July 11, 2018 - UW/18/18

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Re: Engineering and Design - Cottam Booster Station Reservoir Cover RehabilitationMaintenance Period Services

- Contractor management for any deficiencies within 1-year warranty period
- Preparation of Construction Record drawings and associated documents
- Project closeout including final walk through, issuance of completion certificate, release of statutory holdback certificate, etc.

Contractor quotations received during the quotation period will be reviewed with Stantec. A recommendation of award for the CBS Rehabilitation construction work, if costs are in line with estimated budget that is to be developed by Stantec, will be provided to the UWSS Board at a subsequent UWSS Board meeting.

Financial Impact:

Stantec's June 29th, 2018 proposal includes a cost estimate of \$44,000 +HST to undertake the design, engineering and construction management and maintenance period services for the Cottam Booster Station reservoir protection cover rehabilitation.

The UWSS General Manager proposes a budget of \$51,000 for this work. This proposed budget includes a 15% contingency allowance for unplanned or unforeseen costs. The budget of \$51,000 for this work would be funded from the UWSS Reserves. Sufficient funds are available in the UWSS Operating Fund reserves to support this work.

Closing Comments:

The UWSS General Manager recommends that the UWSS Board approves a budget of \$51,000 for the completion of Design, Engineering, Construction Management and Maintenance period services for the rehabilitation of the protective cover for the Cottam Booster Station underground reservoir

Based on Stantec's familiarity with the design of the UWSS' Cottam Booster Station, including its reservoir, the UWSS General Manager recommends that the UWSS Board approves a this work be sole sourced to Stantec through a direct negotiation.

Respectfully submitted,



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

rb/kmj

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UW/20/18

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

From: Rodney Bouchard, Union Water Manager

Date: July 13, 2018

Re: Payments for the UWSS from June 16 to July 13, 2018



Aim:

To provide the Board with a copy of payments made by the Union Water Supply System from June 16 to July 13, 2018

Recommendation:

For information purposes.

Respectfully submitted,



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

Filename: t:\union wtr\reports to board\2018\uw20-18 payments from may to june 2018.docx



Vendor : 0011450 To PT00000152
 Batch : All
 Department : All

Cheque Print Date : 25-Jun-2018 To 28-Jun-2018
 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			
DEPARTMENT 0700 Union Water System							
010103 ASSOCIATED ENGINEERING (ONT) LTD							
524254				DAF PILOT STUDY - JUN8	319 12-Jun-2018	28-Jun-2018	
70-5-0700-7989	002075			Operational Programs & Studies			6,761.24
080250 HYDRO ONE NETWORKS INC							
200208899066				MAY/18 HYDRO - METER#16	319 14-Jun-2018	28-Jun-2018	
70-5-0700-7420	002073			Electricity			-6.36
70-5-0700-7420	002073			Electricity			91.09
190635 STANTEC CONSULTING LTD							
1278910				UPGRADE OF UWSS MAP - MAY18	319 24-May-2018	28-Jun-2018	
70-5-0700-7950	002070			Professional Services			6,998.38
Department Totals :							13,844.35



Vendor : 0011450 To PT00000152
 Batch : All
 Department : All

EFT Paid Date : 25-Jun-2018 To 28-Jun-2018
 Bank : 07 To 08
 Class : All

Vendor Code	Vendor Name				Batch	Inv Date	Inv Due Date	
Invoice No.	Description							Amount
G.L. Account	CC1	CC2	CC3	GL Account Name				
DEPARTMENT 0700				Union Water System				
210120				UNION GAS LTD				
1929770177678	211.830M3	GAS - COTTAM BOOSTER STN			319	12-Jun-2018	28-Jun-2018	
70-5-0700-7410	002073	Gas						86.90
1929770208308	206.151M3	GAS - RUTHVEN WATER PLANT			319	21-Jun-2018	28-Jun-2018	
70-5-0700-7410	002073	Gas						140.66
Department Totals :								227.56



Vendor : 0011450 To PT00000152
 Batch : All
 Department : All

Cheque Print Date : 05-Jul-2018 To 06-Jul-2018
 Bank : 07 To 08
 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					
080250 HYDRO ONE NETWORKS INC					
200141680894	JUN/18 HYDRO - LEAM. WATER TOWER	341	27-Jun-2018	05-Jul-2018	
70-5-0700-7420	002073 Electricity				-35.98
70-5-0700-7420	002073 Electricity				508.12
200141681706	JUN/18 HYDRO - METER#2	341	27-Jun-2018	05-Jul-2018	
70-5-0700-7420	002073 Electricity				-2.79
70-5-0700-7420	002073 Electricity				39.44
200141683019	JUN/18 HYDRO - METR#3	341	27-Jun-2018	05-Jul-2018	
70-5-0700-7420	002073 Electricity				-2.34
70-5-0700-7420	002073 Electricity				33.02
200141683423	JUN/18 HYDRO - METER#6	341	27-Jun-2018	05-Jul-2018	
70-5-0700-7420	002073 Electricity				-2.35
70-5-0700-7420	002073 Electricity				33.26
200141683524	JUN/18 HYDRO - METER#8	341	27-Jun-2018	05-Jul-2018	
70-5-0700-7420	002073 Electricity				-2.34
70-5-0700-7420	002073 Electricity				32.96
200141683726	JUN/18 HYDRO - METER#15	341	25-Jun-2018	05-Jul-2018	
70-5-0700-7420	002073 Electricity				-2.31
70-5-0700-7420	002073 Electricity				32.64
200141687362	JUN/18 HYDRO - METER#22	341	27-Jun-2018	05-Jul-2018	
70-5-0700-7420	002073 Electricity				-2.28
70-5-0700-7420	002073 Electricity				32.15
200141687766	JUN/18 HYDRO - METER#29	341	27-Jun-2018	05-Jul-2018	
70-5-0700-7420	002073 Electricity				-2.86
70-5-0700-7420	002073 Electricity				40.50
200141687867	JUN/18 HYDRO - METER#24	341	27-Jun-2018	05-Jul-2018	
70-5-0700-7420	002073 Electricity				-2.28
70-5-0700-7420	002073 Electricity				32.18
200141690190	JUN/18 HYDRO - METER#26	341	25-Jun-2018	05-Jul-2018	
70-5-0700-7420	002073 Electricity				-4.52
70-5-0700-7420	002073 Electricity				63.85
200220161473	JUN/18 HYDRO - METER#14	341	22-Jun-2018	05-Jul-2018	
70-5-0700-7420	002073 Electricity				-2.32
70-5-0700-7420	002073 Electricity				32.75
Department Totals :					818.50



Vendor : 0011450 To PT00000151
Batch : 336 To 336
Department : All

EFT Paid Date : 06-Jul-2018 **To** 06-Jul-2018
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						
DEPARTMENT 0700		Union Water System						
030405	COLLABRIA							
CDN WATER & WINDOWS ON OTTAWA CONF.					336	01-Jun-2018	05-Jul-2018	
70-5-0700-7050	002070			Conferences				847.50
LORD ELGIN-0: ROOM - WINDOWS ON OTTAWA CONF					336	06-Jun-2018	05-Jul-2018	
70-5-0700-7050	002070			Conferences				931.64
VERNONS-JUN BUSINESS LUNCH - JUN1					336	01-Jun-2018	05-Jul-2018	
70-5-0700-7052	002070			Meeting Expenses				18.65
ZEHRS-MAY16 SUPPLIES FOR MEETING					336	16-May-2018	05-Jul-2018	
70-5-0700-7052	002070			Meeting Expenses				18.56
Department Totals :								1,816.35