

THE UNION WATER SUPPLY SYSTEM

JOINT BOARD OF MANAGEMENT

AGENDA

WEDNESDAY, OCTOBER 18

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, September 20, 2017

Pages 2 - 5

(D) Business Arising Out of the Minutes:

(E) Items for Consideration:

1. UW/28/17 dated October 13, 2017 re: Status Update of UWSS Operations & Maintenance Activities and Capital Works to October 13, 2017
Pages 6 - 7
2. UW/29/17 dated October 12, 2107 re: Chief Drinking Water Inspector's Report for Ontario 2016-2017 and Minister's Annual Report on Drinking Water 2016
Pages 8 - 9
3. UW/30/17 dated October 13, 2017 re: Payments from September 15 to October 13, 2017
Pages 10 - 15

(F) New Business:

(G) Adjournment:

(H) Date of Next Meeting: November 15, 2017, 9:00 am in the Kingsville Community Room, Kingsville Arena

/kmj

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

**HELD SEPTEMBER 20, 2017 AT 9 AM
IN KINGSVILLE COMMUNITY ROOM - KINGSVILLE ARENA**

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

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

Municipal
Staff Present: Kevin Girard - Kingsville

OCWA Staff
Present: Nevin McKeown, Terry Bender, Susan Budden
Dale Dillen, Ken Penney, Dave Jubenville

PWC
Consultant: Tom Garner

Call to Order: 9:05 am

Disclosures of Pecuniary Interest: none

**Adoption of Union Water Supply System Joint Board of Management
Minutes:**

No. UW-47-17

Moved by: Councillor Patterson

Seconded by: Councillor Diemer

That Minutes of the UWSS Joint Board of Management meeting of August 2, 2017 are
received.

Carried

Business Arising Out of the Minutes:

There was none.

Reports and Correspondence

Report UW/25/17 Re: Status Update of the UWSS Operations & Maintenance Activities and Capital Works to September 15, 2017 and dated September 15, 2017

The Manager notes that during the regular UWSS Board meetings, OCWA operations staff including the Senior Operations Manager - Dale Dillen and Process and Compliance Technician - Ken Penney are often present and they assist the Manager by providing any operational details that may be asked by Board members. The Manager further notes that additional OCWA management staff are present for this meeting including the OCWA CEO/President - Nevin McKeown, Vice President of Operations - Terry Bender, Business Development Officer - Susan Budden, and Essex Regional Manager - Dave Jubenville.

The Manager then proceeds with his report. He informs members of the UWSS Board that the cleaning of the south settling pond has been completed by DiMenna Excavating. He further explains that DiMenna Excavating was the low bid on the project. He confirms that the jobs was completed quickly and efficiently.

The new Low Lift Pump #2 has arrived and should be installed in early October. Meter #14 has been upgraded with electrical service, as it was previously battery powered. Now this meter pit has a sump pump and flooding issues should be resolved. His hope is to start receiving flow information. He confirms that Meters #6 and #5 should have repairs completed by September 27th. Once this work is complete the meters will be working together to provide flow information throughout the system.

The Manager also confirms that the new lighting of the Leamington Water Tower bowl has been installed. Several members of the Board confirm that the lighting is pleasing to the eye and not overwhelming. He also indicates that an air conditioner was installed in the equipment building at the Leamington Tower in order to prevent overheating of electrical panels.

The Manager then informs the Board of the change in coagulant that has taken place over the last several weeks. He indicates that our testing was showing an increased aluminum residual and therefore operators changed over to an aluminum chlorohydrate (ACH) coagulant, Hyperion 1090, in order to reduce the plant effluent aluminum residual. He confirms that this is a temporary switch and that the MOECC has been notified of the temporary switch in coagulant. He further reminds members that UWSS has retained Associated Engineering to complete a preliminary design study for the CO₂ pH adjustment system that would address the high raw water pH issue, which is creating the high aluminum residuals problem. There is a small discussion regarding home dialysis and the need for the switch.

The Manager states that he is awaiting receipt of the final draft for the SCADA RFP from Associated Engineering. He does expect to receive it sometime later in the week. He is hoping to have the RFP released to pre-selected SCADA integrators by the 2nd week of October and award the contract by the end of November.

Flows are then reviewed for the year. The Manager indicates that they are slightly down over last year and up over the previous four (4) year average, and that they are above the budget set for the 2017 year.

The Board asks the Manager why the aluminum residual is so high this year and is there worry for health effects. The Manager is not sure as to why the problem is occurring this year. It appears related to source water. He has spoken to other colleagues in various water systems and it appears that many are dealing with similar issues. The Manager also notes that this issue could be related to the polyaluminum chloride or just another factor in the lake at the moment. He confirms that when pH is adjusted the levels do come down substantially.

No. UW-48-17

Moved by: Councillor Jacobs

Seconded by: Councillor Dunn

That report UW/25/17 dated September 15, 2016 re: Status Update of the UWSS Operations & Maintenance Activities and Capital Works to September 15, 2016 is received.

Carried (UW/20/16)

Report UW/26/17 Re: Essex Water Tower Rehabilitation Tender Results dated September 14, 2017

The Manager reviews his report with the Board. He confirms that with the assistance of OCWA Engineering staff the RFP process has worked well. He notes that Landmark had performed two (2) inspections on the Essex Water Tower (EWT); one in 2013 and again in 2015. A few safety issues were noted at the time and will be addressed, along with a few items that the Ministry of Labour has also discovered.

The Manager explained that seven (7) firms were invited to place a bid, however, only four (4) bids were received at the time of deadline. The Manager explains that contractors are very busy at this time and EWT is far away for a lot of contractors. He confirms that the low bid received was from JDCMI, which is the same company that completed the LWT rehabilitation. The JDCMI bid was just over the approved budget for the EWT work.

The Manager then explains that because it is getting late in the year and the weather could turn at any moment, it is felt by OCWA, JDCMI and himself that it will be a more suitable situation to wait until the warmer weather of Spring 2018 to commence this project. If UWSS Board decides to wait then JDCMI will provide UWSS with a credit, which in turn brings the project budget within what has previously been approved.

There is a brief discussion regarding the credit received. The Manager explains that it was all part of the tender process. He had noted that there was a possibility of waiting until the Spring.

There is a brief discussion regarding the durability of the rehabilitation. The Manager feels that this process should allow the EWT to have another 15-20 years of life. There is then a small discussion regarding which logos will be placed on the tower. The Manager indicates the process will be similar to that of the LWT.

No. UW-49-17

Moved by: Councillor Verbeke
Seconded by: Mayor McDermott

That the UWSS Board authorizes the UWSS General Manager to award the Essex Water Tower Rehabilitation Project contract to Jacques Daoust Coatings Management Inc. (JDCMI) of Cambridge, Ontario for a sum of \$1,045,900 and that the project be implemented in Spring 2018 before May 15, 2018.

Carried (UW/26/17)

Report UW/27/17 dated September 15, 2017 Re: Payments from July 29 to September 15, 2017**No. UW-50-17**

That report UW/27/17 dated July 28, 2017 re: Payments from July 29 to September 15, 2017 is received.

Moved by: Mayor Paterson
Seconded by: Councillor Gaffan

Carried (UW/27/17)

New Business

The Manager takes a moment to recognize the operations and maintenance completed by members of OCWA staff. The wants to make special mention of Elvino Azevedo, who is retiring at the end of the month, the maintenance foreman for the operations at the Ruthven WTP. The Manager further explains that his skill and talent will be hard to replace.

No. UW-51-17**Adjournment**

Moved by: Mayor Santos
Seconded by: Councillor Gaffan

That the meeting adjourn at 9:24 am

Carried

Date of Next Meeting: October 18, 2017 at 9 am Kingsville Community Room, Kingsville Arena

UW/28/17

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

From: Rodney Bouchard, Union Water Manager

Date: October 13, 2017

Re: Status Update of UWSS Operations & Maintenance Activities and Capital Works to October 13, 2017



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 September 20th, 2017.

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. The new Low lift pump #2 purchased from ASL Roteq has been received. Existing low lift pump #2 will be removed during the week of October 16th, 2017. The new pump will be installed during the week of October 23rd, 2017.
3. Billing Meter #8 has been upgraded to a new magnetic flow meter that includes communication capabilities. The new meter was installed, disinfected and commissioned on September 28th, 2016.
4. Billing Meter #27 is scheduled for replacement by the end of October 2017. The existing meter will be replacement with a new state of the art magnetic flow meter with communication capabilities.
5. The temporary change in coagulant from the poly aluminum chloride (PACL) coagulant DelPAC 2020 to the Aluminum Chlorohydrate (ACH) coagulant, Hyperion 1090 is still in place. The aluminum residuals in treated water has been below the guideline of 0.1 mg/l since September 26th, 2017. It is anticipated that the temporary change of coagulants will be terminated in early November as the Lake Erie water temperature cools, algae dissipates and pH returns to a lower level.
6. An Adverse Water Quality Incident (AWQI) was issued on October 10th, 2017 due to a malfunctioning coagulant pump. The pump failed to pump coagulant

Re: UW/28/17 - Status Update of UWSS Operations & Maintenance Activities and Capital Works to October 13, 2017

for approximately an hour. The faulty pump was replaced with a spare pump. An AWQI resolution was issued that same day. There were no adverse effects to water quality from this incident.

7. The Request for Proposal Document (RFP) for SCADA System Upgrade, prepared by Associated Engineering, has been reviewed and approved for finalization by the UWSS General Manager. The RFP is scheduled for release on October 20th, 2017. The RFP will only be provided to a pre-selected list of SCADA integrators. The RFP will be closed on November 20th, 2017.
8. Associated Engineering has prepared a Preliminary Design report for the CO2 raw water pH adjustment system. The report was provided to UWSS on October 6th, 2017 and is currently under review by UWSS General Manager and contracted OCWA Operations staff.

Comparative Flows for 2013 through 2017 in Millions of Imperial Gallons (for the period 1 January to October 12, 2017)

	2013	2014	2015	2016	2017
Flow to Date (MG)	2634.94	2782.55	2676.20	2883.58	2842.29
Max Day (MGD)	15.30	15.70	15.36	16.75	16.62
Min Day (MGD)	4.65	4.19	3.79	4.29	4.56
Average Day (MGD)	9.25	9.76	9.39	10.08	9.97
No of Days	285	285	285	286	285

Flows to date are down 41.29 MIG or 1.43% from last year. The 2017 flows to date are up 3.60% 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

Filename: t:\union wtr\reports to board\2017\uw28-17 operations report for october 2017.docx

UW/29/17

TO: CHAIR AND MEMBERS OF THE UNION WATER
SUPPLY SYSTEM JOINT BOARD OF MANAGEMENT

FROM: RODNEY BOUCHARD,
MANAGER, UNION WATER SUPPLY SYSTEM

DATE: OCTOBER 12, 2017

RE: CHIEF DRINKING WATER INSPECTOR FOR ONTARIO 2016-2017 and
MINISTER'S ANNUAL REPORT ON DRINKING WATER 2016



AIM:

To present the Chief Drinking Water Inspections (CDWI) Report for 2016 - 2017 and the Minister's Annual Report on Drinking Water 2016.

BACKGROUND:

The Safe Drinking Water Act Inspector is required under Section 7 (2) to issue an Annual Report in respect of the overall performance of Ontario's drinking water system.

The Minister's Annual Report on Drinking Water 2016 includes an overview of Ontario's drinking water systems' performance.

DISCUSSION:**Chief Drinking Water Inspector's (CDWI) Report**

The CDWI Report gives an overview of Ontario's drinking water regulatory system. The Report shows an increase in the inspector ratings for municipal drinking water systems since 2005.

The Report aggregates all of the bacteriological tests across the province to obtain a figure of 99.84% of tests meeting standards; and that 99.4% of municipal water inspections had ratings higher than 80% and 70% received perfect scores. This number is approximately the same as in the last year's report. Appendix 1 contains the inspection ratings for each municipal drinking water system in Ontario. The UWSS and the four municipal systems it supplies are listed on in the Appendix 1: Essex - 98.75%, Kingsville - 97.39%, Lakeshore - 100% and Leamington - 98.80%. Appendix 1 also provides information regarding testing results for each system and the percentage of tests meeting Ontario's drinking water standards are listed. All four municipalities received 100% of the tests meeting standards.

This report also updates the public on Ontario's safety net when it comes to drinking water, such as the many of the changes in the legislative and regulatory framework; health-based standards for drinking water; regular and reliable testing for drinking water; strong action on Adverse Water Quality Incidents (AWQI); mandatory licensing/operator certification; multifaceted compliance improvement; and public engagement. The CDWI noted the progress made in the area of Source Water Protection, namely that all locally developed source protection plans have been received and are currently under review.

October 12, 2017 - UW/29/17

Re: Chief Drinking Water Inspector's Report 2016-2017 and the Minister's Annual Report on Drinking Water 2016

A copy of the CDWI Report for 2016 - 2017 has been provided electronically to each UWSS Board member, to the clerks of each municipality, and also posted on the UWSS website.

The Minister's Annual Report on Drinking Water 2016

This report provides an overview of Ontario's drinking water systems' performance. This report also includes information regarding climate change and the work being done to protect the Great Lakes as well as improving First Nations drinking water supplies. This report also includes information on the work being done to protect source water and any emerging issues that are affecting Ontario's drinking water.

The Minister's Annual Report 2016 touches on inspection results, compliance and enforcement activities training and certification and summarizes the work being done to reduce carbon output for Ontario.

A copy of the Minister's Annual Report 2016 has been provided electronically to each UWSS Board member, to the clerks of each municipality, and also posted on the UWSS website.

RECOMMENDATION

That the CDWI's Report 2016 - 2017 and the Minister's Annual Report 2016 is received.

Respectfully submitted,



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

rb/kmj

Filename: t:\union wtr\reports to board\2017\uw29-17 cdwi report 2016-2017.docx

UW/30/17

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

From: Rodney Bouchard, Union Water Manager

Date: October 13, 2017

Re: Payments for the UWSS from September 15 to October 13, 2017



Aim:

To provide the Board with a copy of payments made by the Union Water Supply System from September 15 to October 13, 2017.

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\2017\uw30-17 payments september 15 to october 13., 2017.docx



Vendor : 001410 To PT00000138
 Batch : All
 Department : All

Cheque Print Date : 14-Sep-2017 To 15-Sep-2017
 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					
030515 CUETS FINANCIAL					
AMCTO-37363	REGIST - K.JOHNSON - ADMIN.PROG.UNIT3	499	31-Jul-2017	14-Sep-2017	
70-5-0700-7040	002070 Training				395.50
CDN DOMAIN- DOMAIN RENEWAL		499	31-Aug-2017	14-Sep-2017	
70-5-0700-7950	002070 Professional Services				22.59
DOUBLE TREE ROOM - MTG&PLANT TOUR LONDON		499	17-Aug-2017	14-Sep-2017	
70-5-0700-7052	002070 Meeting Expenses				120.43
FRESHCO-AU MEETING SUPPLIES		499	01-Aug-2017	14-Sep-2017	
70-5-0700-7052	002070 Meeting Expenses				6.48
MOXIES - LON MEAL - MTG&WTP PLANT TOUR - LONDON		499	15-Aug-2017	14-Sep-2017	
70-5-0700-7052	002070 Meeting Expenses				52.25
70-5-0700-7052	002070 Meeting Expenses				9.41
U OF W PARK- PARKING - MTG - UWSS WATER DEMAND PROJ.		499	11-Aug-2017	14-Sep-2017	
70-5-0700-7052	002070 Meeting Expenses				4.50
080250 HYDRO ONE NETWORKS INC					
200141680692	AUG/17 HYDRO - LOW LIFT	499	06-Sep-2017	14-Sep-2017	
70-5-0700-7420	002073 Electricity				49,821.25
70-5-0700-7420	002073 Electricity				-257.70
70-5-0700-7420	002073 Electricity				-5.18
200152134969	AUG/17 HYDRO - METER#17	499	06-Sep-2017	14-Sep-2017	
70-5-0700-7420	002073 Electricity				-2.37
70-5-0700-7420	002073 Electricity				33.55
150365 ONTARIO CLEAN WATER AGENCY					
INV000096829	AUG/17 OPER&MTCE	499	31-Aug-2017	14-Sep-2017	
70-5-0700-6720	002071 OCWA Operating Contract				223,405.71
990644 PRO-BID CONTRACTORS LTD					
1821	KINGSVILLE DISTRIBUTION REPAIRS	499	09-Aug-2017	14-Sep-2017	
70-7-0700-8750	002202 Watermains				11,114.07
1822	ESSEX WATER DISTRIBUTION REPAIRS	499	10-Aug-2017	14-Sep-2017	
70-7-0700-8750	002203 Watermains				3,048.46
160610 PUROLATOR INC					
435700334	HOSKIN SCIENTIFIC	499	01-Sep-2017	14-Sep-2017	
70-5-0700-7010	002070 Office Supplies				11.76
180325 RICOH CANADA INC					
SCO91669202	COPIER CONTRACT - JUL25-AUG30	499	31-Aug-2017	14-Sep-2017	
70-5-0700-7010	002070 Office Supplies				83.35
190185 SGS CANADA INC. ENVIRONMENTAL SERVICES					
11087571	WATER QUALITY STUDIES-CORROSION-UWSS	499	30-Aug-2017	14-Sep-2017	
70-5-0700-7989	002075 Operational Programs & Studies				1,898.40
11087826	WATER QUALITY STUDIES - CORROSION - LAKESHORE	499	30-Aug-2017	14-Sep-2017	
70-5-0700-7989	002075 Operational Programs & Studies				98.31
11087855	WATER QUALITY STUDIES - CORROSION - LEAMINGTON	499	30-Aug-2017	14-Sep-2017	
70-5-0700-7989	002075 Operational Programs & Studies				196.62
11087859	WATER QUALITY STUDIES-CORROSION-UWSS	499	30-Aug-2017	14-Sep-2017	
70-5-0700-7989	002075 Operational Programs & Studies				180.80
11087904	WATER QUALITY STUDIES - CORROSION - KINGSVILLE	499	30-Aug-2017	14-Sep-2017	
70-5-0700-7989	002075 Operational Programs & Studies				98.31
190755 SUN LIFE ASSURANCE COMPANY OF CANADA					
SEPT-17	SEPT/17 UNION WATER LOAN 3724:1	499	01-Sep-2017	14-Sep-2017	

Council/Board Report By Dept-(Computer)



Vendor : 001410 To PT00000138

Batch : All

Department : All

Cheque Print Date : 14-Sep-2017 To 15-Sep-2017

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		
70-5-0700-6100	002010	006901		Debenture Interest		122,870.11
70-5-0700-6000	002020	006901		Debenture Principal		129,546.95
Department Totals :						542,753.56



Vendor : 001410 To PT00000141
 Batch : All
 Department : All

Cheque Print Date : 28-Sep-2017 To 29-Sep-2017
 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					
200141677460	AUG/17 HYDRO - RUTHVEN WATER TREATMENT	531	21-Sep-2017	28-Sep-2017	
70-5-0700-7420	002073 Electricity				93,700.98
200220161473	AUG/17 HYDRO - METER#14	531	22-Sep-2017	28-Sep-2017	
70-5-0700-7420	002073 Electricity				-2.37
70-5-0700-7420	002073 Electricity				33.49
150365 ONTARIO CLEAN WATER AGENCY					
INV000097212	M&T/SCADA LOW LIFT	531	14-Sep-2017	28-Sep-2017	
70-5-0700-7989	002070 Operational Programs & Studies				4,520.00
210120 UNION GAS LTD					
AUG-SEP17 20	256.981M3 GAS - RUTHVEN WATER TREATMENT	531	22-Sep-2017	28-Sep-2017	
70-5-0700-7410	002073 Gas				159.11
Department Totals :					98,411.21



Vendor : 001410 To PT00000141
 Batch : All
 Department : All

EFT Paid Date : 28-Sep-2017 To 29-Sep-2017
 Bank : 07 To 08
 Class : All

Vendor Code	Vendor Name					Batch	Inv Date	Inv Due Date	Amount
Invoice No.	Description	CC1	CC2	CC3	GL Account Name				
DEPARTMENT 0700 Union Water System									
050195 ESSEX POWERLINES CORPORATION									
220651-AUG17	15KWH - METER#4					531	19-Sep-2017	28-Sep-2017	
70-5-0700-7420	002073				Electricity				-3.05
70-5-0700-7420	002073				Electricity				43.26
Department Totals :									40.21



Vendor : 001410 To PT00000141
 Batch : All
 Department : All

Cheque Print Date : 05-Oct-2017 To 05-Oct-2017
 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					
010103 ASSOCIATED ENGINEERING (ONT) LTD					
523090	DAF PILOT STUDY	548	14-Sep-2017	05-Oct-2017	
70-5-0700-7989	002070 Operational Programs & Studies				1,573.41
523092	CO2 PH BENCH TESTING	548	14-Sep-2017	05-Oct-2017	
70-5-0700-7989	002070 Operational Programs & Studies				3,727.26
040102 DIMENNA EXCAVATING CONTRACTORS INC					
2243	SOUTH POND CLEANOUT	548	18-Sep-2017	05-Oct-2017	
70-7-0700-8745	700180 Treatment Plant				61,585.00
080250 HYDRO ONE NETWORKS INC					
200141680894	AUG/17 HYDRO - LEAM. WATER TOWER	548	28-Sep-2017	05-Oct-2017	
70-5-0700-7420	002073 Electricity				-46.33
70-5-0700-7420	002073 Electricity				654.37
200141681706	AUG/17 HYDRO - METER#2	548	26-Sep-2017	05-Oct-2017	
70-5-0700-7420	002073 Electricity				-2.77
70-5-0700-7420	002073 Electricity				39.21
200141682009	AUG/17 HYDRO - ALBUNA WATER TOWER	548	29-Sep-2017	05-Oct-2017	
70-5-0700-7420	002073 Electricity				-32.57
70-5-0700-7420	002073 Electricity				460.08
200141683019	AUG/17 HYDRO - METER#3	548	28-Sep-2017	05-Oct-2017	
70-5-0700-7420	002073 Electricity				-2.72
70-5-0700-7420	002073 Electricity				38.44
200141683120	AUG/17 HYDRO - METER#5	548	29-Sep-2017	05-Oct-2017	
70-5-0700-7420	002073 Electricity				-2.46
70-5-0700-7420	002073 Electricity				34.80
200141683423	AUG/17 HYDRO - METER#6	548	28-Sep-2017	05-Oct-2017	
70-5-0700-7420	002073 Electricity				-2.38
70-5-0700-7420	002073 Electricity				33.63
200141683524	AUG/17 HYDRO - METER#8	548	26-Sep-2017	05-Oct-2017	
70-5-0700-7420	002073 Electricity				-2.46
70-5-0700-7420	002073 Electricity				34.85
200141683726	AUG/17 HYDRO - METER#15	548	25-Sep-2017	05-Oct-2017	
70-5-0700-7420	002073 Electricity				-2.36
70-5-0700-7420	002073 Electricity				33.27
200141687362	AUG/17 HYDRO - METER#22	548	26-Sep-2017	05-Oct-2017	
70-5-0700-7420	002073 Electricity				-6.65
70-5-0700-7420	002073 Electricity				93.93
200141687766	AUG/17 HYDRO - METER#29	548	26-Sep-2017	05-Oct-2017	
70-5-0700-7420	002073 Electricity				-2.48
70-5-0700-7420	002073 Electricity				35.00
200141687867	AUG/17 HYDRO - METER#24	548	26-Sep-2017	05-Oct-2017	
70-5-0700-7420	002073 Electricity				-2.35
70-5-0700-7420	002073 Electricity				33.21
200141690190	AUG/17 HYDRO - METER#26	548	25-Sep-2017	05-Oct-2017	
70-5-0700-7420	002073 Electricity				-10.20
70-5-0700-7420	002073 Electricity				144.05
160530 PRICEWATERHOUSE COOPERS LLP					
TR137181395	RESTRUCTURING CONSULTANT	548	28-Sep-2017	05-Oct-2017	
70-5-0700-7950	002070 Professional Services				10,702.22