

Minutes
Chatham-Kent Public Utilities Commission
Regular Meeting

Chatham-Kent PUC
PUC Boardroom

May 17TH, 2018
3:15 PM

Present: Chairperson Randy Hope, Commissioners Bryon Fluker, David VanDamme, Jeff Wesley, Leon Leclair, CAO Don Shropshire, General Manager Tim Sunderland, Area Manager (North/Central) Darren Galbraith, Area Manager (South/Central) Robin Dudley, Manager Compliance & Monitoring Lilly Snobelen, Facility and Systems Manager Rob Bernardi

Absent: Commissioners Brock McGregor, Trevor Thompson

1. Call to Order

Chairperson Randy Hope called the meeting to order at 3:15 pm.

2. Disclosure of Pecuniary Interest (Direct or Indirect) for Open Session Items and the General Nature There Of

- None

3. Approval of Minutes

- February 15, 2018 - Regular Meeting

Moved by Commissioner VanDamme and seconded by Commissioner Fluker

“That the minutes of February 15, 2018 Regular Meeting be approved.”

Motion carried

- February 15, 2018 – Closed Session

Moved by Commissioner VanDamme and seconded by Commissioner Fluker

“That the minutes of February 15, 2018 Closed Session be approved.”

- March 19, 2018 – Special Meeting

Moved by Commissioner VanDamme and seconded by Commissioner Fluker

“That the minutes of March 19, 2018 Special Meeting be approved.”

Motion carried

4. Reports

- a) 2018 CK PUC Purchase of Fleet Vehicles

Municipality Of Chatham-Kent
Chatham-Kent Public Utilities Commission

To: PUC Chairperson and Commission Members
From: Tim Sunderland, General Manager
Chatham-Kent PUC
Date: May 4, 2018
Subject: 2018 Purchase of Fleet Vehicles

Recommendations

It is recommended that:

1. The tender submitted by Victory Ford for the purchase of four (4) 4x4 Extended Cab Half Ton Pick-ups in the amount of \$141,414.15 (not including HST) be approved.
2. The tender submitted by Victory Ford for the purchase of one (1) Small Five Passenger SUV in the amount of \$26,250.58 (not including HST) be approved.

Background

The Chatham-Kent Public Utilities Commission (CK PUC) approved the 2018 vehicle replacement list at the February 15, 2018 Commission meeting. The estimated replacement cost for four (4) 4x4 Extended Cab Half Ton Pick-ups, One (1) Small Five Passenger SUV, will be approximately \$34,000 to \$38,000 per vehicle. Fleet Services on the behalf of CK PUC released two (2) tenders R18-202 and R18-201 for the purchase of the above-mentioned units and the results are listed below.

Comments

Only one (1) company supplied pricing for the four (4) 4X4 Extended Cab Half Ton Pick-ups and two (2) companies submitted pricing for the One (1) Small Five Passenger SUV. The lowest tender results are listed in the table below.

Tender #, Company	Year and Make	Purchase Price (Not Including HST)
R18-202, Victory Ford	Four (4) 4X4 Extended Cab Half Ton Pick-ups	\$141,414.15
R18-201, Victory Ford	One (1) Small Five Passenger SUV	\$26,250.58
	Total	\$167,664.73

It is recommended that the low tender, meeting specifications submitted by Victory Ford for the purchase of Four (4) 4X4 Extended Cab Half Ton Pick-ups in the amount of \$141,414.15 (not including HST) be approved.

It is also recommended that the low tender meeting specifications submitted by Victory Ford for the purchase of One (1) Small Five Passenger SUV in the amount of \$26,250.58 (not including HST) be approved.

Consultations

Acting Manager Fleet Services
Supervisor Fleet Services

Financial Implications

The purchase of the PUC 2018 fleet vehicles will be taken from the 2018 budget, where the amount of \$140,000 is allocated for CK PUC vehicle replacements and the remaining \$27,664.73 will be taken from Fleet reserves. CK PUC Fleet reserves for the beginning of 2018 were \$329,478.

Prepared by:

Tim Sunderland
General Manager
Chatham-Kent PUC

Motion by Commissioner VanDamme and seconded by Commissioner Leclair;

“That the Chatham-Kent Public Utilities Commission (CK PUC)

- 1. Approve the tender submitted by Victory Ford for the purchase of four (4) 4x4 Extended Cab Half Ton Pick-ups in the amount of \$141,414.15 (not including HST), and**
- 2. Approve the tender submitted by Victory Ford for the purchase of one (1) Small Five Passenger SUV in the amount of \$26,250.58 (not including HST).”**

Motion carried

b) Permanent GIS Technician Position

Municipality of Chatham-Kent
Chatham-Kent Public Utilities Commission

To: PUC Chairperson and Commission Members
From: Rob Bernardi, P.Eng.
Facilities & Systems Manager
Chatham-Kent PUC
Date: May 7, 2018
Subject: CK PUC Permanent GIS Technician Position

Recommendation

It is recommended that:

1. A new permanent full-time position of GIS Technician for the Chatham-Kent Public Utilities Commission (CK PUC) be approved.

Background

CK PUC has a very detailed and complex water and wastewater Geographical Information System (GIS). The area responsible for the upkeep of this information was previously called AM/FM; however, currently it is referred to as the PUC Engineering & Geomatics Group (PEGG). The PEGG group is responsible for maintaining the digital mapping for CK PUC infrastructure. This is accomplished by taking as-constructed drawings and inputting the information into a digital form into the PUC GIS system.

Historically, the mapping was entered into the GIS system as generic lines if proper as-constructed drawings were not available. Over the years it has become apparent that having accurate GIS mapping can improve efficiencies with other business areas of CK PUC and Municipality of Chatham-Kent departments, such as Engineering, Planning and Building, etc.

The following areas will benefit from increased efficiencies:

1. Utility Locates
Accurate data and mapping can speed up the time it takes to perform locates. CK PUC handles approximately 12,000 Ontario One Call locates per year.
2. As-Constructed Drawing Integration
Cutting down time required by Engineering Technologists to respond to record requests; speeding access to vital information for locators, Public Works, Drainage Department, Planning Department, CK PUC management, and other Municipality of Chatham-Kent staff. It is also a requirement of the Ministry of the Environment and Climate Change (MOECC) that water/wastewater utilities maintain updated and current drawings.
3. Field Change Record Improvements
The new JD Edwards system that the Municipality has implemented for work orders requires accurate data in the mapping. The ability to have accurate locations in the field for customer complaints and work orders eliminates time spent to locate these features (eg, catch basins, water valves, watermain breaks, etc.)
4. Improved Boil Water Notifications
A clean-up of our PUC GIS data would allow us to work with our Operations team, Compliance team and Public Works to expedite the distribution of notices and potentially allow our staff to reach out to affected households in a timelier manner than the current system allows. It is crucial to identify, track, manage and report these incidents with accuracy and efficiency to the MOECC.
5. Water Hydraulic Modelling
Missing diameters, wrong pipe materials, missing valves, and incorrectly placed features all impact the water model and could lead to the PUC providing incorrect information to a customer or developer (eg. large water volume users such as a greenhouse).
6. Mapping for CK PUC Water Meter Program
Mapping to keep updated for the CK PUC Water Meter Replacement Project that will last up to two years. The mapping will illustrate the progress, areas not started, and completed areas of the project.
7. KPI (Key Performance Indicator) Information and Data
Support is provided to PUC Compliance Department, in terms of GIS information gathering, in order to create the KPI reporting for CK PUC.
8. Watermain Replacement Lifecycle Information
The GIS Technician provides information and data for watermain replacement lifecycle analysis. Age, material, size, etc. is queried by the GIS Technician in order for proper engineering analysis to be performed to prioritize watermain replacement projects within Chatham-Kent.
9. Inquiries for Economic Development for Greenhouses Large Volume Users
Mapping is frequently created for discussions between PUC General Manager and PUC Engineering with potential greenhouse developers or other high volume water users. An example of other high profile mapping created is the future site of the new casino in Chatham. Mapping was provided to facilitate the discussions with the developer.
10. Hydrant Irrigation Pilot Program
Mapping has been created for the hydrant Irrigation Pilot Program. This is in its infancy stage but a new policy will create necessity to provide mapping and support for future requests for irrigation sites.
11. Mapping of Critical Water Mains
The mapping and identification of critical water mains is a PUC initiative that identifies critical mains in the GIS system that provides information to the Public Works Distribution operators' information that is valuable when working on these mains.

Other areas to benefit from an accurate GIS system include:

- assist and provide support to staff that have access to mapping applications
- more efficient data requests
- improved emergency response
- route optimization
- water petitions/by-laws
- mapping sewer blockages
- mapping watermain breaks

- mapping customer complaints
- assist with water distribution study

In 2015, CK PUC completed a pilot test to see if an additional GIS Technician would prove beneficial. In October 2015, a contract GIS Technician position was hired for 5 months to work on some of these tasks. It should be noted that the additional position was able to complete this work/tasks very efficiently and in a timely manner; therefore, the justification for the position was valid.

In June 2016, Commission approved the recommendation that a new temporary/contract full-time position of GIS Technician be approved for a duration of a two year period.

Since 2015, 100% of the GIS Technician position's time has been spent on CK PUC business efforts.

Comments

In June 2016, Commission approved the hiring of a contract GIS Technician position for a period of 2 years. Administration would review the value of work performed during the 2 year period to determine if a permanent position was warranted. The position has shown to be of great value for all the benefits listed above. The contract position has currently become vacant.

The CK PUC GIS group requires an abundance of work to be completed on an ongoing basis. The hiring of a permanent full-time GIS Technician will satisfy the abundance of GIS work that needs to be completed; therefore, it is recommended that a new permanent full-time position of GIS Technician be approved.

Consultations

Human Resources and Organizational Development Department (HROD) - Job Evaluation Committee (JEC)
CK PUC GM

Financial Implications

The cost of the annual salary for the GIS Technician has been included in the budget for the past 2 years because of the contract employee status. The financial impact to the 2018 year is \$14,001 plus labour burden. Future budgets will continue to include the cost for the position. Prepared by:

Rob Bernardi, P.Eng.
Facilities & Systems Manager
Chatham-Kent PUC

Reviewed by:

Tim Sunderland
General Manager
Chatham-Kent PUC

Moved by Commissioner VanDamme and seconded by Commissioner Fluker.

“That the Chatham-Kent Public Utilities Commission (CK PUC)

- 1. Approve a new permanent full-time position of GIS Technician for the Chatham-Kent Public Utilities Commission (CK PUC).”**

Motion carried

c) Longwoods Road and Dew Drop Road Waterline Petition (Community of Thamesville)

Municipality Of Chatham-Kent
Public Utilities Commission

To: PUC Chairperson and Commission Members
From: Jasen Pidlisnyj, C.E.T.
Engineering Technologist
Date: April 03, 2018
Subject: Longwoods Road and Dew Drop Road Waterline Project (Community of Thamesville)

Recommendations

It is recommended that:

1. The proposed Longwoods Road and Dew Drop Road Waterline extension not proceed at this time.
2. The property owners in this area be informed by letter of the vote results and the Chatham-Kent Public Utilities Commission (CK PUC) action.

Background

In August of 2017, a petition was submitted to CK PUC requesting water service for Longwoods Road and Dew Drop Road.

Comments

The proposed distribution network for this area would have been connected from the existing 200 mm diameter watermain on Longwoods Road west of Thamesville, continue to the west for 4,400 metres at a 200mm diameter. The watermain would have teed off at Dew Drop Road then travelled north for 200 metres at 200mm diameter. The watermain in total would have been approximately 4,600 metres.

The proposed waterline extension would have included the construction of a waterline including service connections to property lines. A total of 67.25 occupied residential properties and six (6) vacant farmland properties exist within the proposed water distribution area.

The estimated cost for the waterline installation, including engineering, MOE approvals and HST was \$1,725,905.50. The estimated cost per connection including the 2017 Part 12 Charge was \$20,688.00 and \$4,758.00 for vacant agricultural land.

CK PUC held a public meeting February 27, 2018 at the Brunner Centre in Thamesville. Details of the project and the estimated cost per connection were presented. After the public meeting, a vote package was distributed to the benefiting property owners by mail, including a ballot with a return date of March 23, 2018.

Seventy five percent (75%) of the property owners returned the ballots and the ballot results were forty percent (40%) in favour of proceeding with the project and sixty percent (60%) in favour of not proceeding with the project.

Based on the approved Waterline Assessment Policy requiring sixty-six percent (66%) support for the project to proceed, it is Administration's recommendation that CK PUC not proceed with providing water servicing to the residences within the project boundaries and that the property owners be notified of this decision by letter which will include the vote results and the CK PUC action.

Consultations

Engineering and Transportation Division prepared the preliminary engineering information.

Financial Implications

None

Prepared by:

Jasen Pidlisnyj, C.E.T.
Engineering Technologist
CK PUC

Reviewed by:

Rob Bernardi, P.Eng.
Manager, Facilities & Systems
CK PUC

Reviewed by:

Tim Sunderland
General Manager, CK PUC

Moved by Commissioner Leclair and seconded by Commissioner VanDamme.

“That the Chatham-Kent Public Utilities Commission (CK PUC);

- 1. Not proceed with the proposed Longwoods Road and Dew Drop Road Waterline extension at this time, and**
- 2. That the property owners in this area be informed by letter of the vote results and the Chatham-Kent Public Utilities Commission (CK PUC) action.”**

Motion carried

d) Tender Award: Contract T18-165, Prospect Street Watermain and Road Improvements, Community of Tilbury

Municipality of Chatham-Kent
Infrastructure and Engineering Services
Public Utilities Commission

To: PUC Chairperson and Commissioners

From: Brendan Falkner, P.Eng.
Engineering Technologist

Date: May 8, 2018

Subject: Tender Award: Contract T18-165, Prospect Street Watermain and Road Improvements, Community of Tilbury

Recommendations

It is recommended that:

1. The tender in the amount of \$1,733,242.82, including HST for Prospect Street Watermain and Road Improvements in the Community of Tilbury be awarded to Henry Heyink Construction Ltd.
2. The Chatham-Kent Utilities Commission (CK PUC) Chairperson and General Manager be authorized to sign the necessary agreements.

Background

The Municipality of Chatham-Kent is experiencing operational and condition issues with the storm sewer, watermain and paved road surface along Prospect Street in the Community of Tilbury. A sewer investigation in February 2018 identified issues with the sizing and condition of the

storm sewer on Prospect Street. Due to the poor condition of the storm sewer, it was recommended that the system be re-designed and replaced. The sanitary sewer was determined to be in good condition and not in need of replacement or repair.

The existing 250mm and 100mm diameter cast iron watermain on Prospect Street was installed in the 1970's. The factory on Prospect Street was originally serviced by a 200mm diameter watermain main through an easement off Lyon Street. The easement was sold to the adjacent owners and structures were built above the watermain. Chatham-Kent Public Works has experienced operational issues with the watermain which has led to flooding and damage to private property.

This project is to be part of the 2018 PUC Watermain Lifecycle Budget as well as the 2018 Storm Sewer Lifecycle Budget and the 2018 Road Resurfacing Lifecycle Budget.

Comments

The watermain portion of the project consists of 445m of 300mm to 250mm diameter PVC pipe. A total of 34 water services will be replaced along with 5 new fire hydrants.

The storm sewer portion of the project consists of 460m of 375mm to 675mm diameter PVC and reinforced concrete pipe. 28 new storm services will be installed along with 7 new manholes and 16 new catch basins.

The concrete curbs, concrete sidewalk, driveway approaches and asphalt roadway will be replaced as part of the reconstruction. The engineering, contract administration and inspection on this project are being carried out by the Chatham-Kent Engineering and Transportation Division.

The Purchasing Officer received and opened tenders for the work on Thursday, May 3, 2018. The results are as follows:

Contract T18-165
Prospect Street Watermain and Road Improvements
Community of Tilbury

Rank	Tenderer	Tender Amount incl. HST
1	Henry Heyink Construction Ltd. Chatham, ON	\$1,733,242.82
2	Major Construction (2010) Ltd. Windsor, ON	\$1,897,970.60
3	Nevan Construction Inc. Kingsville, ON	\$1,935,181.50
4	Sherway Contracting (Windsor) Ltd. Windsor, ON	\$2,119,077.70
5	SLR Contracting Group Inc. Windsor, ON	\$2,173,735.80
6	Murray Mills Excavating & Trucking (Sarnia) Ltd. Sarnia, ON	\$2,342,212.30

The Engineering and Transportation Division has reviewed the tenders and found them to be complete in all respects. It is the recommendation herein that the contract be awarded to Henry Heyink Construction Ltd. who submitted the lowest tender bid. The lowest bid is approximately \$170,000 less than the estimate.

Financial Implications

This project is being funded through the 2018 PUC Watermain Lifecycle Budget by the Public Utilities Commission (PUC) and the 2018 Storm Sewer and Roads Lifecycle Budgets.

The project summary is set out in the following table:

Contract T18-165 Prospect Street Watermain and Road Improvements Community of Tilbury

	Description	Total
(A)	Low Tender, with HST	\$1,733,242.82
Project Costs	Engineering & Admin, with HST	\$80,000.00
	Less HST Rebate (11.24%)	\$(180,361.50)
	Approval Fees	\$2,300.00
	Project Total	\$1,635,181.32
	Description	Total
(B)	2018 Water Lifecycle Budget	\$521,144.80
Project Funding	2018 Storm Lifecycle Budget	\$604,221.69
	2018 Road Lifecycle Budget	509,814.83
	Project Total	\$1,635,181.32

Prepared by:

Reviewed by:

Brendan Falkner, P.Eng.
Engineering Technologist
Engineering and Transportation

Chris Thibert, P.Eng.
Acting Director
Engineering and Transportation

Reviewed by:

Tim Sunderland
General Manager
Chatham-Kent PUC

Moved by Commissioner Fluker and seconded by Commissioner Leclair

“That the Chatham-Kent Public Utilities Commission (CK PUC);

- 1. Award the tender in the amount of \$1,733,242.82, including HST for Prospect Street Watermain and Road Improvements in the Community of Tilbury to Henry Heyink Construction Ltd, and that**
- 2. The Chatham-Kent Utilities Commission (CK PUC) Chairperson and General Manager be authorized to sign the necessary agreements.”**

Motion carried

e) Municipal Greenhouse Gas (GHG) Challenge Fund

Municipality of Chatham-Kent
Chatham-Kent Public Utilities Commission

To: PUC Chairperson and Commission Members
From: Dhana Niriella, PhD, P.Eng.
Project Engineer
Date: May 10, 2018
Subject: Municipal Greenhouse Gas (GHG) Challenge Fund

Recommendation

It is recommended that:

1. The Chatham-Kent Public Utilities Commission (CK PUC) proceed with applying for funding for the Chatham Water Pollution Control Plant (WPCP) – Boiler Replacement Project under the Municipal GHG Challenge Fund - Round 2, if analysis indicates the project will meet the criteria for funding.

Background

In June 2016, Ontario's Climate Change Action Plan (CCAP) announced funding availability for any municipality carrying out projects leading to greenhouse gas (GHG) reduction. The Province created the Municipal GHG Challenge Fund – Round 1 Program to award funding to eligible projects.

According to the Round 1 Program guidelines, the proposed project was to commence by March 2019, while projects that were underway were eligible if initiated after June 1, 2016 but would receive only 25% of the funding.

Under the program, Municipalities could request up to \$10 million per project. The province would have contributed up to 100% of eligible costs; however, a higher score was assigned to applicants that leverage funds for up to 50% of eligible costs (eg. through federal/municipal governments, private sector, industry partners etc.)

The deadline to submit an application for Round 1 of the Municipal GHG Challenge Fund was November 14, 2017 and CK-PUC submitted four (4) applications (See table below) out of a list of 9 projects that were approved at the Commission meeting on October 19, 2017. However, through an email on March 6, 2018, CK-PUC was informed that all CK PUC applications were unsuccessful.

Project No.	Description	Estimated Cost (\$)	Cost (\$) per Tonne of GHG saved
1	New Thamesville Pump Station and Thamesville WPCP Decommissioning	4,000,000 (Only 25% eligible)	13,887
2	Chatham WPCP – Boiler Replacement (2 units)	100,000	481
3	Chatham WPCP – Aeration DO Control System Automation	150,000	4,661
4	Chatham WTP – Filter & Air Scour plus Rehabilitation	1,000,000	36,000

On April 25, 2018, CK PUC staff joined one of a series of webinars the Ministry of the Environment and Climate Change (MOECC) hosted on the Municipal GHG Challenge Fund to help applicants gain a better understanding of the changes to the program. During the webinars, Round 1 applications were discussed and the MOECC provided guidance on how to modify applications for the second round of funding. The participants in the webinar were informed the MOECC cannot provide feedback to each municipality individually.

Comments

During the information and debriefing webinar by MOECC, it was mentioned that one of the areas the successful applications excelled in was that they all fell within the range of \$14 to \$386 per Tonnes GHG saved (per evaluation criteria approximately 40% of the scores were assigned to this parameter).

On April 17, 2018, the Ontario Government launched Round 2 of the Municipal GHG Challenge Fund. The Municipal GHG Challenge Fund is a competitive application-based program. The application submission deadline for Round 2 is July 13, 2018, and successful applicants will be informed in writing by December, 2018. Municipalities may request up to \$2 million per project and may submit up to two (2) applications. The Province will contribute up to 100% of eligible costs; however, a higher score will be given to applicants that leverage funds for up to 50% of eligible costs from the municipality and/or other sources.

Based on the first round of results and criteria, if CK PUC can secure matching funds to lower the dollar per Tonnes, CK-PUC may be successful under Round 2 for Project 2 (Chatham WPCP – Boiler Replacement) listed in the Table above. Further engineering review is required to assess the potential to meet all the evaluation criteria.

Therefore, it is recommended to proceed with applying for funding for the Chatham WPCP – Boiler Replacement Project under the Municipal GHG Challenge Fund - Round 2 if analysis indicates the project will meet the criteria for funding.

Consultations

General Manager, Chatham Kent PUC
Manager, Facilities & Systems, Chatham Kent PUC
Area Managers, Chatham Kent PUC

Financial Implications

The Province may contribute 100% of eligible costs for this project; however, CK PUC may choose to cover 50% of the project in order to bring the cost per tonne within a potentially viable amount to be successful for funding. 50% of the cost is equal to \$50,000.

Prepared by:

Dhana Niriella, PhD, P.Eng
Project Engineer

Reviewed by:

Rob Bernardi, P.Eng.
Facilities & Systems Manager

Reviewed by;

Tim Sunderland
General Manager

Moved by Commissioner VanDamme and seconded by Commissioner Wesley

“That the Chatham-Kent Public Utilities Commission (CK PUC);

- 1. Proceed with applying for funding for the Chatham Water Pollution Control Plant (WPCP) – Boiler Replacement Project under the Municipal GHG Challenge Fund - Round 2, if analysis indicates the project will meet the criteria for funding.”**

Motion carried

5. Information Reports

- **Clean Water and Wastewater Fund (CWWF) Project Progress Report**

Municipality of Chatham-Kent
Chatham-Kent Public Utilities Commission
Information Report

To: PUC Chairperson and Commission Members
From: Dhana Niriella, PhD, P.Eng
Project Engineer
Date: May 8, 2018
Subject: Clean Water and Wastewater Fund (CWWF) Projects Progress Report

This report is for the information of Commission.

Background

The 2016 Federal Budget announced the establishment of a clean Water and Wastewater Fund (CWWF) that proposed to invest up to \$569.6 million in the Province of Ontario for immediate improvements to water distribution and treatment infrastructure starting in 2016-2017. The Federal government would contribute 50% of the eligible project costs. In addition, the Province would contribute 25% of eligible project costs with the remaining 25% to be met by the municipality.

By letter dated September 14, 2016, addressed to the Municipality of Chatham-Kent Chief Administrative Officer, Ministry of Infrastructure announced that under the CWWF program, the Municipality of Chatham-Kent was eligible to receive \$4,599,375 and \$2,299,688 of Federal and Provincial funds respectively. The Chatham-Kent Public Utilities Commission (CK PUC) manages water and wastewater servicing and projects within Chatham-Kent and would be responsible for the remaining \$2,299,688.

Accordingly, on October 28, 2016, CK PUC submitted a list of 12 projects (see table under Comments) worth \$9,198,751 that required funding. The projects were approved on May 30, 2017 by the Federal and Provincial governments. The current status of the Projects approved at the October 20, 2016 commission meeting are also listed in the table.

One of the original conditions of the program was that all approved projects be completed by March 31, 2018. In February of 2018, the Government of Canada agreed to extend the project deadlines under the program to allow projects to be completed before March 31, 2020.

Comments

The status of the twelve (12) CK PUC projects approved to be funded under the CWWF are listed below. All 12 projects have been completed or will be completed in 2018, much sooner than the new program deadline of March 31, 2020.

Project No.	Description	Cost (\$)	Current Status
1	Ridgetown Water Treatment Plant (Design Only)	655,612*	Work is progressing from 60% up to 90% design.
2	Ridgetown to Highgate Transmission Main, Highgate Storage Tank incl. Booster Station (Design and Construction)	4,600,000	Project was commissioned on Feb 26, 2018. The warranty period is on-going.
3	Chatham Water Treatment Plant – Capacity Assessment (Study Only)	50,000	Completed
4	New Water Main from Chatham High Lift Pumping Station to Grand Avenue (Design and Construction)	529,920	Construction commenced on April 20, 2018 and in progress.
5	Pressure Release Valve Replacement and Pipeline (Design and Construction)	250,320*	Construction has commenced. Should be completed before July 31, 2018.
6	Electrical upgrades at the South WTP (Design Only)	288,000	Design on-going. 60% designs being received
7	Archimedes Screw Pump Replacement at the Wallaceburg WPCP (Design and Construction)	250,300*	Construction commenced early April. Awaiting pump delivery taking up to 16 weeks before installation and completion.
8	New Chemical System and Headworks at the Blenheim WPCP (Design and Construction)	450,000	Construction to be completed within the next 2 - 3 weeks
9	Chatham WPCP, Electrical Upgrades (Design and Construction)	1,000,000	Construction on-going. The final switchover to occur during the next 2-3 weeks
10	Chatham WPCP, Headworks Ventilation and Electrical Upgrades (Design and Construction)	500,000	Contractor is completing the remaining electrical items and the deficiency list.
11	Chatham WWPS # 1 Upgrades	274,600	Contractor has completed the site work and will return in mid-May to complete the remaining mechanical work
12	Chatham WWPS # 5 Relocation (EA Study and Design)	350,000	Design is progressing from 75 to 90%. Class EA will soon be available for public review.

Note: * Value slightly adjusted per CWWF funding administrator's request.

The first grant payment of \$2,690,215.22 was received by CK PUC on March 22, 2018 from Infrastructure Ontario and CK PUC is in the process of preparing the paperwork required for the second claims submission.

Together with CK PUC contributions, the total investment in CK PUC infrastructure improvements under this CWWF program will be \$9,198,751.

Consultations

General Manager, Chatham Kent PUC
Manager, Facilities & Systems, Chatham Kent PUC
Area Managers, Chatham Kent PUC

Prepared by:

Dhana Niriella, PhD, P.Eng
Project Engineer

Reviewed by:

Rob Bernardi, P.Eng.
Facilities & Systems Manager

Reviewed by;

Tim Sunderland
General Manager

Moved by Commissioner Fluker and seconded by Commissioner Wesley

“To receive item 5 a) for information.”

Motion carried

- Notice of Completion for Water/Wastewater Master Plan Addendum (handout)

Moved by Commissioner Fluker and seconded by Commissioner Wesley

“To receive item 5 b) for information.”

Motion carried

6. New Business

None

7. Resolution Regular Meeting and Adjournment

That Chatham-Kent Public Utilities Commission adjourn, its next Regular Meeting to be held on **Thursday, June 21, 2018** in the PUC Boardroom and that the PUC Commission authorize itself to meet in closed session on that day to discuss any matters permitted by the Municipal Act.

Moved by Commissioner VanDamme and seconded by Commissioner Wesley

“That the Regular Meeting be adjourned at 3:32 pm”

Motion carried