

MINUTES

PUBLIC UTILITIES COMMISSION

TILBURY SERVICE CENTRE
17 SUPERIOR STREET

SEPTEMBER 20, 2007

PRESENT: Chairman Bryon Fluker, Commissioners Sheldon Parsons, Frank Vercoouteren, Steve Pinsonneault, Steve Pickard, Mayor Randy Hope, Senior Level Advisor Jack Sonneveld, General Manager Scott Prail, Facility Systems Manager Rob Bernardi, Manager (North) Tom Kissner, Manager (Central) Don Moore, Manager Quality Standards & Monitoring Robin Dudley and Stephen Jahns Engineering Dept.

ABSENT: A/CAO Gerry Wolting and Commissioner Joe Faas.

Also present were several Bothwell residents.

1. **CALL TO ORDER**

Chairman Bryon Fluker called the meeting to order at 1:00 PM.

2. **DECLARATION OF PECUNIARY INTEREST**

NONE

3. **APPROVAL OF MINUTES**

- a) July 23, 2007
- b) August 13, 2007

Moved by Commissioner Vercoouteren and seconded by Commissioner Pinsonneault.

“That the minutes of July 23, 2007 and August 13, 2007 Regular Meeting be approved.”

Motion carried

4. **REPORTS**

- a) Closed Session Report

PUC IN-CAMERA REPORT

The PUC met in-camera on July 23, 2007 and would report the following for the approval of the PUC:

The PUC considered a report with respect to Drinking Water Quality Management System. It was moved and carried that:

Administration be authorized to implement the suggested staffing / organizational changes, and post a term contract to fill the Supervisor of Compliance / Monitoring position.

The PUC met in-camera on August 13, 2007 and would report the following for the approval of the PUC:

The PUC considered a report with respect to Staffing Report. It was moved and carried that:

- 1. **Administration is authorized to create a PUC Project Manager role, and fill this role with the South Area Manager.**

2. The South Area Manager role be posted immediately.
3. Administration is authorized to post a permanent part time position for administrative support
4. Create this role until the end of December 2009.

Moved by Commissioner Vercouteren and seconded by Commissioner Pickard.

“That the Closed Session report be approved.”

Motion carried

b) Review of 2007 & 2008 Lifecycle Sanitary Budget

**MUNICIPALITY OF CHATHAM-KENT
INFRASTRUCTURE AND ENGINEERING SERVICES
PUBLIC UTILITIES COMMISSION**

TO: PUC Chairperson and Commissioners
FROM: Stephen E. Jahns, B.A.Sc., P.Eng., CMMIII
Manager, Infrastructure and Transportation
Engineering and Transportation Division
DATE: August 28, 2007
SUBJECT: Review of 2007 Lifecycle Sanitary Budget and
Presentation of 2008 Lifecycle Sanitary Budget
Municipality of Chatham-Kent

RECOMMENDATIONS

It is recommended that:

1. The information contained in this report regarding the review of the 2007 lifecycle sanitary budget be received for information.
2. The 2008 lifecycle sanitary budget outlined in this report be approved in principal subject to any budget modifications and / or subject to any issues which may present themselves and warrant adjustments to same.

BACKGROUND

Over the past year, Engineering and Transportation Division has been working with Public Utilities Commission supervisors and staff to formalize the lifecycle sanitary budgets. The year 2007 saw the implementation of a number of noteworthy programs in an attempt to not only identify long-term strategic direction with respect to the lifecycle sanitary sewer program, but also to seek to gain a better understanding of the condition of existing sanitary sewers and associated appurtenances in all communities within the Municipality of Chatham-Kent.

COMMENTS

REVIEW OF 2007 LIFECYCLE SANITARY BUDGET

As indicated earlier in this document, 2007 saw the completion of a number of projects. These projects included those which sought to maintain, expand and manage sanitary sewer infrastructure. The following summary is provided for the benefit of the Public Utilities Commission membership.

Combined and Sanitary Sewer Investigations – Various Communities

In late 2006, Engineering and Transportation Division developed the 2007 PUC Lifecycle Sanitary Sewer Budget which included allowances for the planned and systematic inspection of both sanitary and combined sewers within the urban communities of the Municipality of Chatham-Kent. In late 2006 and early 2007, Engineering and Transportation Division, in dialogue with the PUC and its supervisory staff, undertook to develop the first wave of tenders associated with this work.

The tenders include the following scope of work so as to evaluate and document the existing sewer infrastructure within the study areas:

- flushing of sanitary sewer lines
- cctv inspection to document existing condition
- fog testing
- maintenance hole inspection

Flushing of sanitary sewer lines serves the purpose of cleansing existing lines of any accumulated matter and affords evaluators a clearer view of the sewer infrastructure during evaluation by closed circuit television methods. CCTV inspection also allows the PUC delivery of video or DVD copies of all inspections should they be required for reference in future years.

Fog testing is the process of forcing “fog” filled air into the sewer system. The fog under pressure will fill the line and any connections. Whether in a municipal mainline sewer, residential or industrial system, breaks or illegal taps in the sewer line will allow the fog to escape and surface through the ground or pipe work quickly revealing the source of the problem.

The process of fog testing sees a non-toxic “fog” introduced into the existing system. Additional pressure (only enough to overcome atmospheric pressure) is introduced to facilitate dispersion of the fog throughout the entire system. Provided openings exist for the fog to flow, fog tests are effective, regardless of surface characteristics, soil make-up and depth of sewer lines.

Fog testing is the most cost effective and efficient way to locate infiltration (inflow) and exfiltration (outflow) problems in sewer systems. It is used to find leaks, inflow sources and most restrictive conditions within the sewer lines. Fog testing is also an extremely efficient method for tracking piping systems and other mapping purposes.

As illustrated in the following table, a number of projects were tendered over the course of 2007. Reports regarding each individual contract will be authored and submitted to the Public Utilities Commission for review and consideration of specific recommendations. These reports will identify any issues associated with infrastructure and identify financial implications and priorities associated with same.

Contract	Tender Value	Structures Included	Approximate Length of Sewer Included
T07-146 Sanitary Sewer Evaluation Blenheim	\$28,000	104 units	8 kilometres
T07-147 Sanitary Sewer Evaluation Chatham	\$112,000	285 units	19 kilometres
T07-148 Sanitary Sewer Evaluation Dresden	\$15,000	55 units	4 kilometres
T07-149 Sanitary Sewer Evaluation Mitchell's Bay	\$14,200	49 units	4 kilometres
T07-150 Sanitary Sewer Evaluation Ridgetown	\$24,000	89 units	6 kilometres
T07-151 Sanitary Sewer Evaluation Thamesville	\$7,200	22 units	2 kilometres
T07-152 Sanitary Sewer Evaluation Tilbury	\$33,000	95 units	7 kilometres
T07-153 Sanitary Sewer Evaluation Wallaceburg	\$51,200	168 units	12 kilometres
T07-154 Sanitary Sewer Evaluation Wheatley	\$23,000	49 units	5 kilometres
TOTAL	\$307,600	916 units	67 kilometres

Sanitary Sewer Maintenance Structures – Apron Paving – Community of Charing Cross

The majority of sanitary sewer maintenance structures located in the Community of Charing Cross are located immediately off of the paved surfaces of roads such as Middle Line and Charing Cross Road. Consequently, shoulder grading operations and winter control continually see the access lids of said structures buried by a layer of gravel thereby obscuring them from view. This project seeks to raise and adjust the elevation of these lids and provide a paved asphalt apron perimeter around these structures as a means for snow ploughs and grader blades to ride over these lids while maintaining a viable access point for PUC and PW maintenance crews.

Tecumseh Road and Area Reconstruction – Community of Chatham

As previously approved by Council in *RTC 2882 – Tender Award Contract T07-140 Tecumseh Road and Area Reconstruction*, \$360,000 has been allocated from the lifecycle sanitary budget for the replacement of existing combined sewers with new dedicated storm and sanitary sewers and appurtenances within this project area.

Tecumseh Park Area Sewer Separation and Servicing Study – Community of Chatham

The Tecumseh Park area of the Community of Chatham continues to be serviced by combined flow sewers. During distinct periods of the year and combined with periods of heavy rainfall, flooding has occurred. This study seeks to devise a long-term strategy for the separation of combined flows within the study area. This study will also review existing water servicing and advise of any modifications required to same. This study will also consider redevelopment of former educational and institutional properties within the study area, plus a potential development area currently considered as a brownfield / bluefield area.

Flow Monitoring - Keil Drive at Park Avenue – Community of Chatham

Currently, flow monitoring is in progress in the vicinity of Keil Drive at Park Avenue in the Community of Chatham. This is being undertaken in support of operational issues being experienced with a length of sanitary sewer in this area. \$100,000 has been allocated to this issue to cover current flow monitoring activities, engineering costs and any necessary construction activities which may be required in 2007.

Morgan Street and West Street Sanitary Sewers - Community of Ridgetown

Due to the failure of a number of septic systems associated with industries along Morgan Street and West Street in the Community of Ridgetown, allocation has been made for the installation of a dedicated sanitary sewer. The project documents have been compiled and are ready to be tendered. Due to existing land constraints within the project area, an easement must be procured to facilitate construction. The Public Utilities Commission will be receiving more information regarding this easement in the coming days. Construction is anticipated to commence and be completed in the remaining days of 2007.

Rose Avenue Subdivision – Review of Sanitary Pump Station - Community of Tilbury

During a 2006 investigation of the Rose Avenue area sanitary sewer system (flushing, CCTV inspection, fog testing and maintenance structure inspection), it was noticed that a number of the sewer lines in the vicinity of the sanitary pump station were filled with water and debris. This observation suggested that the pump station was not functioning appropriately and that the surrounding lines were serving as a sump for the station. The operation of the sanitary pump station was reviewed with a consultant and the area supervisor. Review of the sanitary pump station suggested that the station is functioning properly, however there may have been issues in the past associated with power outages during storms.

Historically, the station has performed poorly in times of power outage. The need for portable temporary power generation has been remedied with the installation of a permanent emergency power generator at a nearby storm pump station. This generator (installed in 2006) has been sized to accommodate the operation of both the storm and sanitary pump stations due to their relative proximity.

Rose Avenue Subdivision – Adjustments to Sanitary Manholes - Community of Tilbury

During a 2006 investigation of the Rose Avenue area sanitary sewer system (flushing, CCTV inspection, fog testing and maintenance structure inspection), a number of issues associated with the maintenance hole structures were noticed within the project area. These include:

- calcite encrustations which impede sewage flow
- mortar parging which has failed and allows infiltration of groundwater (resulting in increased volumes of sewage to treat)
- missing or corroded ladder rungs
- broken adjustment rings
- damages or broken frames and grates

Contract T07-216 – Rose Avenue Area Sanitary Sewer Remedial Program – Phase I has been compiled, tendered, and will be awarded and constructed in the remaining days of 2007. More information will be presented to the Commission upon award of this contract.

Napier Street and Dundas Street Area – Adjustments to Sanitary Manholes - Community of Wallaceburg

During a 2006 investigation of the northeast quadrant area sanitary sewer system (flushing, CCTV inspection, fog testing and maintenance structure inspection), a number of issues associated with the maintenance hole structures were noticed within the project area. These include:

- calcite encrustations which impede sewage flow
- mortar parging which has failed and allows infiltration of groundwater (resulting in increased volumes of sewage to treat)
- missing or corroded ladder rungs
- broken adjustment rings
- damages or broken frames and grates

Contract T07-215 marks the initial phase of this work and has been compiled and will be tendered, awarded and constructed in the remaining days of 2007. More information will be presented to the Commission upon award of this contract.

PRESENTATION OF 2008 LIFECYCLE SANITARY BUDGET

Combined and Sanitary Sewer Investigations – Various Communities

Similar to 2007, 2008 sees the continuation of investigations associated with sanitary and combined sewers within numerous communities in Chatham-Kent. Based on current plans, it is anticipated that all infrastructure within the various communities should be documented within a five or six year cycle.

Forsythe Street – Community of Chatham

Considering development plans associated with the Capital Theatre and the adjacent Forsythe Street, \$50,000 has been set aside for improvements to existing sewer infrastructure located on Forsythe Street.

Possible Pump Station - Keil Drive at Park Avenue – Community of Chatham

Further to current flow currently in progress in the vicinity of Keil Drive at Park Avenue in the Community of Chatham, funds have been allocated should it be determined that a pump station is necessary to remedy operational issues currently being experienced. The Public Utilities Commission will be provided with further information as it becomes available. Should the work be identified as unnecessary, funds shall be reallocated or carried forward as necessary.

Van Allen Avenue Trunk Sewers – Phase III and IV – Community of Chatham

The Commission may recall recent road, sewer and water reconstruction efforts completed in the east portion of the Community of Chatham. An allocation has been made to allow for the continuation of design associated with subsequent phases of this large project.

St. Clair Street Combined Sewer Replacement – Community of Chatham

In July 2007, Engineering and Transportation Division provided the Public Utilities Commission with a report regarding the condition of the combined sewer on St. Clair Street in the Community of Chatham. Funds have been allocated for a multi-year, phased replacement of same.

Rose Avenue Subdivision – Adjustments to Sanitary Sewers - Community of Tilbury

Funds have been allocated for the rehabilitation or replacement of sections of sanitary sewers within the study area. This work may consist of the following (subject to final design engineering):

- reconstruction of lengths of sewer
- trenchless technology methods of rehabilitation (slip lining of entire lengths or shorter segments of sewer)

Napier and Dundas Street Area – Adjustments to Sanitary Sewers - Community of Wallaceburg

Funds have been allocated for the rehabilitation or replacement of sections of sanitary sewers within the study area. This work may consist of the following (subject to final design engineering):

- reconstruction of lengths of sewer
- trenchless technology methods of rehabilitation (slip lining of entire lengths or shorter segments of sewer)

COMMUNITY STRATEGIC PLAN

The recommendations in this report support the following objectives and strategic directions:

A. Health – We are a healthy community

A1: Provide sufficient capacity to sustain community health and economic growth

B. Economy – We are a prosperous community

B3: Maintain and enhance new and existing infrastructure to support economic and smart growth opportunities

Desired Outcomes/Proposed Activities

- **Support new infrastructure investments and modernize existing infrastructure**

The recommendations will not adversely impact on the remainder of the Community Strategic Plan.

CONSULTATION

The following members of staff were directly consulted in the preparation of this report:

- General Manager, Water and Wastewater Services
- Director, Engineering and Transportation Division

The following members of staff were indirectly consulted in the preparation of this report as they have offered comments which influenced the identification of tasks, studies and projects listed in the attached budget summary:

- Managers– North and South Areas, Water and Wastewater Services
- Directors – North and South Areas, Public Works

FINANCIAL IMPLICATIONS

The financial implications associated with this report are identified in Appendix A.

Prepared by:

Reviewed by:

 Stephen E. Jahns, B.A.Sc., P.Eng., CMM III
 Manager, Infrastructure and Transportation
 Division Infrastructure and Engineering Services

 Gary Northcott, P. Eng.
 Director, Engineering and Transportation Engineering and Transportation
 Infrastructure and Engineering Services

Reviewed by:

Approved by:

 Scott Praill, CET, B.Comm.
 General Manager
 Water and Wastewater Services

 Acting Chief Administrative Officer
 Gerry Wolting, B.Math, CA

Moved by Commissioner Parsons and seconded by Commissioner Pinsonneault.

“That the information contained in this report regarding the review of the 2007 lifecycle sanitary budget be received for information.

The 2008 lifecycle sanitary budget outlined in this report be approved in principal subject to any budget modifications and / or subject to any issues which may present themselves and warrant adjustments to same.”

Motion carried

c) Morgan St. and West St. Sanitary Sewers (Ridgetown)

MUNICIPALITY OF CHATHAM-KENT
 INFRASTRUCTURE AND ENGINEERING SERVICES
 PUBLIC UTILITIES COMMISSION

TO: PUC Chairperson and Commissioners
FROM: Stephen E. Jahns, B.A.Sc., P.Eng., CMMIII
 Manager, Infrastructure and Transportation
 Engineering and Transportation Division
DATE: August 28, 2007
SUBJECT: Morgan Street and West Street Sanitary Sewers
 Agreement of Option to Purchase Grant Right of Way for a Municipal Sewer
 Community of Ridgetown, Municipality of Chatham-Kent

RECOMMENDATIONS

It is recommended that:

COMMUNITY STRATEGIC PLAN

The recommendations in this report support the following objectives and strategic directions:

A. Health – We are a healthy community

A1: Provide sufficient capacity to sustain community health and economic growth

B. Economy – We are a prosperous community

B3: Maintain and enhance new and existing infrastructure to support economic and smart growth opportunities

Desired Outcomes/Proposed Activities

- Support new infrastructure investments and modernize existing infrastructure

The recommendations will not adversely impact on the remainder of the Community Strategic Plan.

CONSULTATION

The following members of staff were directly consulted in the preparation of this report:

- General Manager, Water and Wastewater Services
- Director, Engineering and Transportation Division
- Director, Legal Services

The following members of staff were indirectly consulted in the preparation of this report as they have offered comments which influenced the identification of tasks, studies and projects listed in the attached budget summary:

- Manager - South Area, Water and Wastewater Services
- Director – South Area, Public Works

FINANCIAL IMPLICATIONS

The financial implications associated with this report are as follows:

- \$3,375 for costs associated with the easement lands

Costs associated with the design and construction of the sanitary sewer will be brought forward to the Public Utilities Commission for consideration upon receipt of competitive bids for the construction of same.

Prepared by:

Reviewed by:

Stephen E. Jahns, B.A.Sc., P.Eng., CMM III
Manager, Infrastructure and Transportation
Division Infrastructure and Engineering Services

Gary Northcott, P. Eng.
Director, Engineering and Transportation Engineering and Transportation
Infrastructure and Engineering Services

Reviewed by:

Approved by:

Scott Prail, CET, B.Comm.
General Manager
Water and Wastewater Services

Acting Chief Administrative Officer
Gerry Wolting, B.Math, CA

Moved by Commissioner Pinsonneault and seconded by Commissioner Vercouteren.

“That the Chairman of the Public Utilities Commission and the General Manager of Water and Wastewater Services be authorized to sign the Agreement as attached in Appendix A.

Upon finalization of the Agreement as attached in Appendix A, Contract T04-122-06 be let for competitive bid in accordance with the requirements of the Purchasing Policy of the Municipality of Chatham-Kent.

Upon award of the contract and completion of construction, Engineering and Transportation Division shall engage the services of an Ontario Land Surveyor to survey and register the easement with the Land Registry Office.”

Motion carried

d) Tender Award: Elm St. Watermain Replacement (Tilbury)

MUNICIPALITY OF CHATHAM-KENT
 INFRASTRUCTURE AND ENGINEERING SERVICES
 PUBLIC UTILITIES COMMISSION

TO: PUC Chairperson and Commissioners
FROM: Nelson Cavacas, C.E.T.
 Manager, Infrastructure and Development Engineering
DATE: September 10, 2007
Subject: Tender Award: Contract T07-159, Elm Street
 Water Main Replacement, Community of Tilbury

RECOMMENDATION

It is recommended that:

1. The tender in the amount of \$62,699.00 including GST for the Elm Street Water Main in the Community of Tibury be awarded to Delway Contractors Limited.

BACKGROUND

The watermain replacement on Elm Street in Tilbury was identified as a project in the 2007 budget approved by the Public Utilities Commission (PUC). The existing water main consists of a 100mm diameter cast iron line, which is undersized by current day standards to support fire demands. The existing water main is approximately 30 years old and has a history of water quality concerns since it is not looped into the water distribution grid.

In addition, PUC staff has confirmed concerns with fire flows and residual pressures in this area by undertaking hydrant flow testing in this area. The replacement of the existing lines with 150mm poly vinyl chloride (PVC) pipe will enhance the pressure, distribution grid and provide additional fire protection to this area.

Dillon Consulting Limited carried out the project engineering. The Purchasing Officer received and opened tenders for the work on Tuesday August 14, 2007.

The results are as follows:

CONTRACT T07-159 ELM STREET WATER MAIN REPLACEMENT COMMUNITY OF TILBURY		
Rank	Tenderer	Tender Amount
1	Delway Contractors Limited Chatham, Ontario.	\$ 62,699.00
2	G.W. Clarke Drainage Contractors Limited Blenheim, Ontario.	\$ 64,451.45

3	Henry Heyink Limited Chatham, Ontario.	\$ 64,766.00
4	Marchand Excavating Contractors Limited Comber, Ontario.	\$ 69,677.75*
5	Dig R Wright Excavating Incorporated Chatham, Ontario.	\$ 83,963.08

* Note: Corrected due to arithmetic error

The firm of Dillon Consulting Limited has reviewed the tenders and advised that the tenders are complete in all respects with exception of the Marchand Excavating Contractors Limited bid, in which an arithmetic error was corrected. This error did not change the tender ranking. Their recommendation letter (Appendix A) is attached.

COMMENTS

The project consists of the installation of a new 150mm-replacement upgrade water main on Elm Street from Superior Street to Prospect Street. The project also includes new water service connections, fire hydrants and appurtenances.

A site map of the water main replacement has been attached for reference (see Appendix B).

The engineering costs including design, tendering and contract administration are \$15,900. The engineer's most recent estimate for construction is \$54,000 including GST. Five General Contractors submitted tenders for the project and bidding was very competitive. Although the low tender received is 16% above the engineer's estimate, it is 9% below the average of the five bids received and within the total overall approved budget amount for lifecycle water main replacements.

Staff concurs with the recommendation to award the tender to Delway Contractors Limited who submitted the lowest tender bid.

The project breakdown is summarized in the Financial Implications section of this report.

COMMUNITY STRATEGIC PLAN

The recommendation in this report supports the following objective and strategic direction:

B. Economy – We are a prosperous community

B3: Maintain and enhance new and existing infrastructure to support economic and smart growth opportunities

Desired Outcomes / Proposed Activities

- Support new infrastructure investments and modernize existing infrastructure

The recommendation will not adversely impact on the remainder of the Community Strategic Plan.

CONSULTATION

The Tenders were opened by the Purchasing Officer and reviewed by the Tendering Committee, which includes the Purchasing Officer, Corporate and Community Services, the Director, Financial Services/Treasurer, Corporate and Community Services and the Director, Engineering and Transportation Division, Infrastructure and Engineering Services.

The General Manager of Water and Wastewater Services was consulted in the preparation of this report and supports the recommendation.

FINANCIAL IMPLICATIONS

The project summary is set out in the following table.

<u>ELM STREET WATERMAIN REPLACEMENT</u> <u>CONTRACT T07-159</u> <u>COMMUNITY OF TILBURY</u>		
(A)	DESCRIPTION	TOTAL
Project Funding	2007 Watermain Lifecycle Replacement	\$ 1,250,000.00

	DESCRIPTION	TOTAL
(B) Project Costs	Low Tender, incl. GST	\$ 62,699.00
	Engineering Design & Inspection	\$ 15,900.00
	Less GST Rebate 6%	-\$ 3,549.00
	Total	\$ 75,050.00
(C) Watermain Replacement Budget Update Summary	Total 2007 Approved Budget	\$ 1,250,000.00
	Previously Approved	\$ 1,064,182.47
	Current Project	-\$ 75,050.00
	Balance Remaining	\$ 110,767.53

Projects are still pending in Dresden that account for the balance of the 2007 Lifecycle Water Main budget.

Prepared by:

Reviewed by:

Nelson Cavacas, C.E.T.
Manager,
Infrastructure and Development Engineering
Engineering and Transportation Division

Gary Northcott, P. Eng.
Director,
Engineering and Transportation Division

Reviewed by:

Reviewed by:

Leo Denys, P. Eng.
General Manager
Infrastructure and Engineering Services

Acting Chief Administrative Officer
Gerry Wolting, B.Math, CA

Moved by Mayor Hope and seconded by Commissioner Parsons.

“That the tender in the amount of \$62,699.00 including GST for the Elm Street Water Main in the Community of Tibury be awarded to Delway Contractors Limited.”

Motion carried

e) Tender Award: Ridgetown Water Supply Upgrades Project

MUNICIPALITY OF CHATHAM-KENT

Public Utilities Commission

TO: PUC Chairperson and Commissioners

FROM: Scott Praill, CET, B. Comm
General Manager, Chatham-Kent PUC

DATE: September 14, 2007

SUBJECT: Ridgetown Water Supply Upgrades Project - Tender Award

RECOMMENDATIONS

It is recommended that:

1. The Chatham-Kent Public Utilities Commission approve the award of the Ridgetown Water Supply Upgrades Project, Contract T07-199 to Facca Incorporated at the quoted price of \$1,153,280.00, including 6% GST.

2. The Chairperson and General Manager be authorized to complete the necessary agreements.

BACKGROUND

The Chatham-Kent Public Utilities Commission approved the upgrading of the water supply system in the Community of Ridgetown in September, 2005. A number of the designated improvements have been completed.

The following provides a brief description of the proposed activities:

Water Reservoirs:

The review of the water supply also identified additional potable water storage requirements. The additional storage is required to:

- provide adequate storage to meet provincially mandated CT (disinfection contact time) requirements
- perform maintenance/cleaning that is required annually
- provide additional storage for fire fighting purposes.

The additional storage will be constructed at the Erie Street location and this includes the additional pump capacity.

Upgrades in System Telemetry

In order to efficiently operate and monitor the water production and treatment system several upgrades in the system telemetry will be required. This includes automated dialers and SCADA equipment to monitor water quality and quantity.

The major items included in the tender are;

- construction of a new finished water reservoir
- supply and installation of high lift pumps
- supply and installation of instrumentation and controls (including new instrument cabinet, chlorine analyzer)
- Site works, yard piping and fencing

The pre-tender estimated cost was \$961,625 and this included a contingency amount of \$117,750.

COMMENTS

A total of seven (7) quotations were received and they are summarized in the following table:

Ridgetown Water Supply Upgrades Project Contract No. T07- 199	
<u>Contractor:</u>	<u>Quotation amount:</u> (including 6% GST)
Facca Inc. Ruscom, Ontario	\$1,153,280.00
Stone Town Construction Ltd St. Marys, Ontario	\$1,234,805.66
Elgin Construction St. Thomas, Ontario	\$1,286,828.45
Dalla Bona Construction Windsor, Ontario	\$1,362,089.40
Ben Bruinsma & Sons Ltd. Chatham, Ontario	\$1,402,549.79
Intrepid General Chatham, Ontario	\$1,416,054.00
H.I.R.A. Construction St. Thomas, Ontario	\$1,628,083.40

The tendered cost includes a contingency allowance of \$150,000.00. Dillon Consulting have reviewed the tenders and a copy of the report recommending award to the low tenderer is attached.

It is recommended that the Chatham-Kent PUC award Contract No. T07-199 to Facca Incorporated at the quoted price of \$1,153,280.00, including GST and that the Chairperson and General Manager be authorized to complete the necessary agreements.

COMMUNITY STRATEGIC PLAN

The recommendations in this report support the following objectives and strategic directions:

B. Economy-We are a prosperous community

B3: Maintain and enhance new and existing infrastructure to support economic and smart growth opportunities.

Desired Outcomes / Proposed Activities

- Advocate for essential provincial and federal investment and equitable tax policies to support financing and effective operation of sustainable transportation systems, water, sewer and waste management services.
- Support new infrastructure investments and modernize existing infrastructure.
- Maintain and improve the quantity and quality of ground and surface waters

The recommendations will not adversely impact the remainder of the Community Strategic Plan.

CONSULTATIONS

Dillon Consulting Limited completed a detailed review of the tenders.

FINANCIAL IMPLICATIONS

All costs associated with the project will be recovered through general water rates.

Prepared by:

 Jack Sonneveld
 Senior Level Advisor,
 Chatham-Kent PUC

Reviewed by:

Reviewed by:

 Scott Prail, CET, B. Comm
 General Manager
 Chatham-Kent PUC

 Gerry Wolting, B.Math., CA
 Acting Chief Administrative Officer

Moved by Mayor Hope and seconded by Commissioner Pinsonneault.

“That the Chatham-Kent Public Utilities Commission approve the award of the Ridgetown Water Supply Upgrades Project, Contract T07-199 to Facca Incorporated at the quoted price of \$1,153,280.00, including 6% GST.

The Chairperson and General Manager be authorized to complete the necessary agreements.”

Motion carried

f) Selection of SCADA System

MUNICIPALITY OF CHATHAM-KENT

PUBLIC UTILITIES COMMISSION

TO: PUC Chairperson and Commissioners

FROM: Don Moore
Area Manager Central, Chatham-Kent PUC

DATE: September 20, 2007

SUBJECT: Selection of SCADA System (Supervisory Control and Data Acquisition) provider for the Wireless Monitoring of the Chatham Sanitary Pump Stations

RECOMMENDATIONS

It is recommended that:

1. The Chatham-Kent Public Utilities Commission approve the selection of Oxford & Ewing Engineering Inc. as the integrating firm to supply and install SCADA Systems for 22 Sanitary Pump Stations.(excluding GST).

BACKGROUND

The Chatham-Kent PUC is proposing to upgrade its 22 existing sanitary pump stations with PLC systems and remote wireless monitoring.

The current monitoring system for each pump station consists of leased Bell lines. These dedicated business lines are connected to alarm floats, level monitors or auto dialers at each pump station. The pump stations not equipped with auto dialers are directly connected to an alarm system at the Chatham Water Pollution Control Plant through a leased line. The bell line simply provides a closed signal loop between the pump station and WPCP. A low current is passed through the bell line and if an alarm fault is indicated at the pump station the loop opens triggering an alarm at the WPCP and an Auto Dialer dials the on-call personnel. Pump Stations equipped with Auto Dialers are accessed with a regular Bell Service line and the Auto Dialer calls the on-call personnel directly. PUC staff would respond to any pump station alarms and troubleshoot alarm conditions if necessary.

Currently the annual costs for leased bell lines for the Chatham collection system is approximately \$15,000.00. Maintenance staff routinely maintained the pump stations through regular bi-weekly checks. These checks include entering the station, monitoring pump run hours, wet well levels, manually operating pumps and checking all mechanical and electrical equipment. The bi-weekly checks are performed by two maintenance staff and after hour responses were covered by one on-call person. If the on-call person required additional staff to assist with maintenance repairs he would call in addition staff at that time. With the recent changes to the regulations in confine space entry the on-call procedure for entry into these stations has increased the number of staff required to respond to alarm conditions.

Alarm conditions are generally caused by a mechanical or electrical failure at the pump station causing the wet well level to rise above a predetermined set point triggering an alarm fault. Also alarm conditions result from hydraulic overloading due to heavy rainfall in areas that are affected from sanitary sewer system infiltration. In these cases the wet well level indicates alarm condition due to high volumes of flow but the station is operating normally. Maintenance staff responds and simply verify there are no problems. These call-outs occur during all significant rain events.

COMMENTS

The PUC is proposing the installation of SCADA system to monitor all sanitary pump stations. The SCADA system consists of a host computer located at the main PUC facility connected through a cellular system to the 22 pump stations. At regular intervals the host system will poll process data, system status and alarm conditions from each of the pump stations and log/display the information on customized screens. Operators will be able to monitor pump operations as well as control station functions through the SCADA system. Operators will have access to a number of station functions including, pump starts and stops, flow and level monitoring, voltage and amperage monitoring, pump efficiencies, KWH usage, power outages, current imbalances, station flooding etc.

One of the major expenditures in pump maintenance is shaft failure. This is usually caused from either pump overload due to impellor obstructions, or air locking of the impellor usually caused from a false signal from the level indicator. In both cases programming can be developed to stop the pump motor on current readings above or below allowable set points and provide alarms for the operational staff prior to any damage to pump shaft, mechanical seal, bearings and impellor.

Pump Station SCADA systems will provide real time monitoring, historical trending, data logging, and report generation. Remote monitoring will reduce routine on site maintenance checks, unnecessary overtime and call-outs, unnecessary after hour confined space entry events.

The Chatham-Kent Public Utilities Commission (PUC) issued a request for proposal (RFP) to five SCADA System Engineering Firms to provide and install SCADA equipment for wireless monitoring of twenty two sanitary pump stations. The following is a list of firms that were requested to submit detailed proposals:

1. Geotivity
2. Axiom Technologies
3. Oxford & Ewing Engineering Inc.
4. Manufacturing Process Technologies Inc. (MPT)
5. 1662269 Ontario Inc.

The proposal review committee consisted of:

- Facilities & Systems Manager, Chatham-Kent PUC
- Area Manager – Central, Chatham-Kent PUC
- Instrumentation/Controls Technician
- Maintenance Lead-Hand, Chatham-Kent PUC

For the RFP process, the scope of work and SCADA system specification was put together so that SCADA engineering firms could have the basis to submit a proposal and quote on (see attached). The results are presented as follows:

Axiom Technologies	\$351,145.00
Oxford & Ewing Engineering Inc.	\$360,000.00
Manufacturing Process Technologies Inc.	\$444,562.00
1662269 Ontario Inc.	\$617,661.46

In review of the proposals, Oxford & Ewing Inc. met all specifications set out in the RFP. Axiom Technologies quoted Siemens PLC equipment. The RFP specified Allen Bradley PLC equipment which is consistent with the equipment utilized at the Chatham WPCP. Axiom also quoted a doppler-type flow transmitter which is not consistent with the transit-time transmitter specified. The doppler-type is a lower end flow meter and has considerable installation restrictions as compared to the transit-time transmitters. The difference in costs between the doppler-type and the transit-time ranges from \$500.00 to \$1000.00/meter. Total cost adjustment for the upgrade in flow meters is \$11,000.00 to \$22,000.00. The doppler-type flow meter measures flow by bouncing a signal off the solids present in the wastewater. This type of meter becomes less accurate during heavy rainfall events when the wastewater is diluted with excessive storm flow.

It is recommended that the Chatham-Kent Public Utilities Commission approve the selection of Oxford & Ewing Inc. as the integrating firm to provide SCADA services for the Chatham Collection System project for the price of \$360,000 (excluding GST).

CONSULTATION

The General Manager PUC, Senior Level Advisor of Chatham-Kent PUC, Facilities & Systems Manager of Chatham-Kent PUC, and the Instrumentation/Controls Technician Chatham-Kent PUC.

FINANCIAL IMPLICATIONS

The 2007 Budget included costs of \$180,000.00 for 2007 and the remaining costs will be included in the 2008 budget.

Cost Recovery Analysis for Scada System Wireless Monitoring

The PUC requested additional information and a summary of expenditures and projected cost saving analysis directly related to the Scada and Wireless Monitoring Proposal for the Chatham Sanitary Pump Stations. The annual costs are based on averages over the past three years.

The projected cost savings are based on the following analysis:

1. **Call outs:**

PUC staff respond to alarm conditions at pump stations usually resulting from mechanical failure or hydraulic overloading due to heavy rainfall events. In the past one PUC staff would respond to an alarm condition by entering the station and monitoring pump station operation and troubleshooting if necessary. If mechanical failure has occurred additional staff would be contacted to assist. In the case of the rain event the majority of cases the pump station is operating normally and maintenance is not required. Due to the recent change to Confined Space Entry as many as three staff would be required to enter a pump station to determine if there is a maintenance issue. This would require additional costs for on call personnel as well as callout premiums for every alarm event. The current annual on call rate for staff is \$175.00/week. This would increase annual costs for standby by \$18200.00. In addition the annual number of call outs staff respond to that do not require maintenance is approximately 48. Wireless monitoring would eliminate the need to have the additional two staff responding to these events. This projects to annual savings of \$5000.00. Total recovery costs annually for additional on call and call out staffing is approximately \$23200.00.

Cost breakdown Maintenance wages	- 2005 -\$24.21 to \$25.84
	- 2006 -\$24.93 to \$26.62
	- 2007 -\$25.68 to \$26.87

Call-outs are paid @ double time, minimum 2hours
 Additional 2 men/ callout * 48 calls * avg. wage 2(25.88) = \$4968.96
 Additional 2 men/on call * 52 weeks * \$175.00/week = \$18,200.00
 Calculation does not include original on call person or call outs.

2. **Bell Leased Lines:**

The annual cost of leased bell lines for the Chatham Sanitary Pump Stations for 2006 was \$13000.00.

3. **Bell Repair Service:**

The turn around time for repair of a bell service recently has increased from same day service to seven to ten days. PUC staff must monitor pump station operation around the clock during these outages. Most recent incident was an eight-day turn around for the repair to a severed bell line for the Braemare Sanitary Pump Station.

4. Elimination of major pump repair costs:

As part of the SCADA and programming proposal is the monitoring of motor amperage for pump operation. The motor will be programmed to shut down if amperage values exceed maximum or minimum set points eliminating pumps continuing to operate under overload conditions when pump becomes obstructed or if the pump air locks due to a malfunction of a level sensing device or float. These maintenance costs include repairs to pump shafts, mechanical seals, bearings and pump housings. The annual average costs for the repairs for the past three years is approximately \$15725.00

Cost breakdown	- 2005 - \$24,427.00
	- 2006 - \$3,365.00
	- 2007 - \$19,388.00
to date Average	- \$15,725.00

5. Regular Scheduled Maintenance Checks:

Currently two maintenance staff are required to physically enter all pump stations twice weekly to monitor pump station operation. This accumulates to approximately 100 hours/month. This will increase to three staff with the current confined space regulations and increase staff hours to approximately 150 hours/month. Proposed monitoring will provide maintenance staff with remote control and monitoring of pump station operation and eliminate the majority of manual station checks. Proposed staffing requirements for these manual checks are projected at 25 hours/month. The PUC is currently utilizing additional staff (Instrumentation/Controls Technician) to meet these requirements. Potential savings not included adjustments for additional savings in fleet costs are estimated in the range of \$35000.00.

6. Pump Efficiency:

SCADA systems will provide staff with immediate access to pump station information including pump efficiencies. Pump efficiency directly relates to hydro costs. The programming utilizes motor amperage and flow rate information to calculate pump efficiency and indicate to staff pump impellor and wear ring status. Currently staff manually remove equipment for inspection of these items. A maintenance report completed in 1990 for the Park Avenue West Pump Station indicated that for a reduction in pump efficiency of 25% resulted in an annual increase in hydro costs of \$2100.00. This monitoring also provides staff with immediate access to additional information including pump starts and stops, wet well level information, voltage and amperage monitoring, power outages, current imbalances, station flooding, historical trending, data logging, and report generation.

SUMMARY:

Taking into consideration items 1 to 5, the projected annual savings are estimated at \$86,925.00. This does not include potential savings in pump operation efficiency.

The projected payback period is approximately 4 years.

The following table summarizes the projected savings

Wireless SCADA System Monitoring Summary of Projected Savings	
Description:	Projected Savings
Call-Outs	\$23,200.00
Bell (line rental)	\$13,000.00
Major Repairs	\$15,725.00
Maintenance checks	\$35,000.00
TOTAL	\$86,925.00

Prepared by:

Don Moore
Area Manager, Central
Chatham-Kent PUC

Reviewed by:

Jack Sonneveld
Senior Level Advisor
Chatham-Kent PUC

Reviewed by:

Scott Praill, CET, B. Comm.
General Manager
Chatham-Kent PUC

Reviewed by:

Gerry Wolting, B. Math., CA
Acting CAO

Moved by Commissioner Vercooteren and seconded by Commissioner Pickard.

“That the Chatham-Kent Public Utilities Commission approve the selection of Oxford & Ewing Engineering Inc. as the integrating firm to supply and install SCADA Systems for 22 Sanitary Pump Stations.(excluding GST).

Moved by Commissioner Pickard and seconded by Commissioner Vercooteren.

Add the amendment:

“That a report be brought back to the Commission on the cost savings incurred after one year of SCADA installation.”

Motion carried

g) Bothwell Sanitary Sewers – Next Steps

MUNICIPALITY OF CHATHAM-KENT
PUBLIC UTILITIES COMMISSION

TO: PUC Chairperson and Commissioners
FROM: Rob Bernardi, P. Eng.
Facilities & Systems Manager, Chatham-Kent PUC
DATE: September 13, 2007
SUBJECT: Bothwell Sanitary Sewers – Next Steps

RECOMMENDATIONS

It is recommended that:

1. The Chatham-Kent Public Utilities Commission authorizes administration to prepare a report with recommendations on how to conduct further testing within the Community of Bothwell.

BACKGROUND

At the regular Chatham-Kent Public Utilities Commission meeting on June 21, 2007, the Commission approved the Bothwell Sanitary Sewers Servicing Project. Commission also authorized Administration to prepare a report to Chatham-Kent Council for approval of the Bothwell Sanitary Sewer Servicing Project and the necessary by-law under Part XII of the Municipal Act, 2001.

At the regular Municipality of Chatham-Kent Council meeting held on August 13, 2007, Council deferred the assessment by-law for the Bothwell Sanitary Sewers Project. Councilor Pinsonneault moved:

“That the by-law be deferred pending the Public Utilities Commission providing results of further testing for human waste in catch basins, water samples and soil samples.”

Councilor Pinsonneault requested that a member of the Bothwell Concerned Citizens group be present during testing.

It was further requested by Councilor Sulman:

“That administration bring back a report on financing options over a longer period of time and the legal consequences of the Municipality of Chatham-Kent not acting on the Environmental Study Report.”

A report on repayment of local improvements/financing over a 40-year payment period will be brought forward to Council by the Director, Financial Services/Treasurer. Further information will be brought to Council on implications of not acting on the Environmental Study Report.

COMMENTS

As a result of the outcome from the Council meeting deferring the by-law, the Commission has three options for the Bothwell Sanitary Sewer Project. These include:

1. Defer the project indefinitely.
2. Undertake the project using financing alternatives by the use of PUC reserves, wastewater rate increases, or a one-time assessment to the property owners.
3. Conduct further testing as requested by Council.

The first two options do not require Municipal Council approval.

Administration is prepared to evaluate further testing requirements to support the need for a sanitary sewer system for the Community of Bothwell. There are however many variables that may be required to be resolved such as validity and accuracy of any further tests available. Tests to distinguish human versus animal wastes is not as straight forward as simple bacteria testing (also, further testing may not involve water well and soils testing). Since the original Class Environmental Assessment did not include well water and soils sample, administration may not recommend this additional testing.

It is recommended that any further sampling to be conducted in the Community of Bothwell include a member of the Bothwell Concerned Citizens Group.

Administration requires some time to investigate testing alternatives and testing firms, so that a 3rd party testing company can be recommended for the sampling and analysis. It is recommended that the Commission authorizes administration to prepare a report with recommendations on how to conduct further testing within the Community of Bothwell. Estimated costs and potential firm that can perform the further analysis will also be brought back in that report.

COMMUNITY STRATEGIC PLAN

The recommendations in this report support the following objectives and strategic directions:

B. Economy - We are a prosperous community

B3: Maintain and enhance new and existing infrastructure to support economic and smart growth opportunities

C. Environment – We are a green community

C2: Establish standards for environmental excellence

Desired Outcomes / Proposed Activities

- Advocate for essential provincial and federal investment and equitable tax policies to support financing and effective operation of sustainable transportation systems, and water, sewer and waste management services
- Support new infrastructure investments and modernize existing infrastructure
- Maintain and improve the quantity and quality of ground and surface waters
- Increase the number of homes, businesses and farms on municipal water and sewage
- Provide an efficient and adequate wastewater treatment system to meet the needs of the growing community by maintaining high quality sewer utilities.
- Support new infrastructure investments and modernize existing infrastructure.
- Provide increased economic and growth opportunities.

The recommendations will not adversely impact the remainder of the Community Strategic Plan.

CONSULTATION

The General Manager of Chatham-Kent PUC comments have been included in this report. Earth Tech Canada Inc. were consulted in the preparation of this report.

FINANCIAL IMPLICATIONS

Costs incurred to date include engineering fees to complete the Class EA and amount to \$195,443.50 of the \$733,555.00 overall originally quoted by Earth Tech.

Further costs associated with additional testing and investigation will be brought back to the Commission in the next report.

Prepared by:

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

Reviewed by:

Scott Praill, CET, B. Comm.
General Manager
Chatham-Kent PUC

Reviewed by:

Gerry Wolting, B. Math., CA
Acting CAO

Moved by Commissioner Pinsonneault and seconded by Commissioner Vercouteren.

“Motion to reconsider.”

Motion carried

Moved by Commissioner Pinsonneault and seconded by Commissioner Vercouteren.

“To defer the Bothwell sanitary sewer project indefinitely.”

After a recorded vote:

Commissioner Pinsonneault	yes
Commissioner Pickard	no
Commissioner Vercouteren	yes
Chairman Fluker	yes
Mayor Hope	no
Commissioner Parsons	no

Tie vote – motion fails.

Moved by Commissioner Parsons and seconded by Mayor Hope.

“That the Chatham-Kent Public Utilities Commission authorizes administration to prepare a report with recommendations on how to conduct further testing within the Community of Bothwell.”

And

“Expedite the process of getting an opinion from an environmental lawyer with regard to responsibility and jurisdiction.”

Motion carried

h) Gregory Drive/Baldoon Rd. Waterline Extension

MUNICIPALITY OF CHATHAM-KENT

Public Utilities Commission

TO: PUC Chairperson and Commissioners

FROM: Jeannie Medeiros
Technical Assistant/Projects Co-ordinator, Chatham-Kent PUC

DATE: August 20, 2007

SUBJECT: Gregory Drive/Baldoon Road Waterline Extension
(Community of Dover)

RECOMMENDATIONS

It is recommended that:

1. The proposed Gregory Drive/Baldoon Road waterline be approved to proceed.
2. Administration prepares a report to Chatham-Kent Council for the approval of the project and authorization for the necessary By-law under Part XII of the Municipal Act, 2001.
3. The property owners in this area are informed by letter of the vote results and the PUC action.

BACKGROUND

A Gregory Drive/Baldoon Road petition was submitted to the Chatham-Kent Public Utilities Commission in January 2007.

COMMENTS

The service area will be connected to the existing 200 mm main on Bear Line, easterly on Gregory Drive to Baldoon Road with a 200 mm main. A 150 mm main would be connected to the existing 150 mm main on Gregory Drive, east of Baldoon Road. A 300 mm main will be extended north on Baldoon Road to Mun. No. 24012 Baldoon Road, the last petitioner. (Attached on Page 4 is a key map of the proposal)

A total of fifteen (15) residential land parcels and three (3) vacant agricultural parcels (including multi unit properties) exist along this portion of the petitioned area.

Dillon Consulting Limited prepared an estimated cost for the proposed waterline. The estimated cost for the project, including engineering but does not include GST is \$408,630.00, which includes \$207,980.00.00 associated with oversizing and looping costs as well as future development costs along Gregory Drive and will be charged to the PUC.

Of the \$207,980.00, there is \$77,004.00 associated with future development cost along Gregory Drive W, between Bearline Road and Baldoon Road.

The estimated cost per connection for the proposed Gregory Drive/Baldoon Road waterline extension, including the 2007 Part 12 Charge is \$13,996.00.

Details of the project and the estimated cost per connection were presented to the benefiting property owners at a public meeting held on July 25, 2007 at Real Canadian Superstore upstairs Community Room in Chatham and by mail using a ballot page and information package.

An information and vote package describing the proposed extension project and costs associated was distributed to the benefiting owners on July 26, 2007. A ballot was included with the return date of August 16, 2007.

Ninety-two percent (92%) of the property owners returned the ballots. The ballot results were seventy-one percent (71%) in favour of proceeding with the project.

On August 14, 2007 administration called all the properties involved in the project that the PUC did not receive a ballot from to remind them of the August 16, 2007 due date.

It was indicated to the property owners that the PUC would require that a majority were in favour of the project and, that as a guideline, 66% of the returned votes should support the project before administration would recommend that the project proceed to construction. The wording on the ballot page indicated that the project would be evaluated based on the number of returned ballots.

Based on the approved Waterline Assessment Policy requiring 66% support, it is our recommendation that the PUC proceed with providing water servicing to the residences along Gregory Drive/Balloon Road and that the property owners are notified by letter, of the vote results and the PUC action.

It is also recommended that administration prepare a report to Chatham-Kent Council for the approval of the project and authorization for the necessary By-law under Part XII of the Municipal Act, 2001.

COMMUNITY STRATEGIC PLAN

The recommendations in this report support the following objectives and strategic directions:

B. Economy-We are a prosperous community

B3: Maintain and enhance new and existing infrastructure to support economic and smart growth opportunities

Desired Outcomes / Proposed Activities

- Advocate for essential provincial and federal investment and equitable tax policies to support financing and effective operation of sustainable transportation systems, water, sewer and waste management services.
- Support new infrastructure investments and modernize existing infrastructure.
- Maintain and improve the quantity and quality of ground and surface waters

The recommendations will not adversely impact the remainder of the Community Strategic Plan.

CONSULTATION

Dillon Consulting Limited prepared the preliminary engineering information.

FINANCIAL IMPLICATIONS

The estimated cost of \$207,980.00 for oversizing, looping, and future development cost along Gregory Drive will be allocated to the PUC. All other costs associated with the project will be recovered through assessment.

Prepared by:

Jeannie Medeiros
Technical Assistant/Projects Co-ordinator

Reviewed by:

Scott Praill, CET, B. Comm
General Manager
Chatham-Kent PUC

Reviewed by:

Gerry Wolting, B. Math, CA.
Acting Chief Administrative Officer

Moved by Mayor Hope and seconded by Commissioner Pickard.

“That the proposed Gregory Drive/Balloon Road waterline be approved to proceed.

Administration prepares a report to Chatham-Kent Council for the approval of the project and authorization for the necessary By-law under Part XII of the Municipal Act, 2001.

The property owners in this area are informed by letter of the vote results and the PUC action.”

Motion carried

5. INFORMATION

a) Revenue & Expenditure

"INFORMATION REPORT"

TO: PUC Chairperson and Commissioners
FROM: Scott Praill, CET, B.Comm.
 General Manager, Chatham-Kent PUC
DATE: September 12, 2007
SUBJECT: Water/Wastewater Revenues and Expenditures

For information of the Commission.

BACKGROUND

The Summary of Revenues and Expenditures for water and wastewater are prepared monthly for the Commission's review and information.

COMMENTS

The year-to-date revenues and expenditures (August, 2007) are on historical usage patterns and no significant variances are projected in 2007. The debt payments have been reported on a monthly basis to provide a better overview of the monthly revenues and expenditures.

The following table compares August 2006 and August 2007 financial information.

Financial Information Comparison To August 31 (2006 vs 2007)					
Water	2006	% of Budget	2007	% of Budget	Difference
Revenue	\$9,144,680	59.3	\$9,752,506	59.1	-0.2%
Expenditures (O&M)	\$5,614,587	56.1	\$5,748,019	52.0	-4.1%
Total Expenditures	\$8,930,795	60.4	\$8,883,732	58.1	-2.3%
Income before Capital	\$213,885	32.5	\$868,774	70.7	+38.2%
Wastewater					
Revenue	\$6,087,55	60.0	\$6,587,740	60.7	+0.7%
Expenditures (O&M)	\$3,673,001	60.3	\$3,654,643	52.9	-7.4%
Total Expenditures	\$5,944,424	59.3	\$5,432,142	52.3	-7.0%
Income before Capital	\$143,131	120%	\$1,155,598	252.7	+132.7%

CONSULTATIONS

Chatham-Kent Utility Services prepared the monthly summaries of budget information.

FINANCIAL IMPLICATIONS

No budget impacts are anticipated at this time.

Prepared by:

Reviewed by:

 Jack Sonneveld
 Senior Level Advisor, Chatham-Kent PUC

 Scott Praill, C.E.T., B.Comm
 General Manager, Chatham-Kent PUC

Reviewed by:

 Gerry Wolting, B. Math, CA.
 Acting Chief Administrative Officer

Moved by Commissioner Vercouteren and seconded by Commissioner Pickard.

"To receive the Revenue & Expenditure report."

Motion carried

b) Chatham This Week – "Lead Count Shuts School's Drinking Water"

Moved by Commissioner Pinsonneault and seconded by Commissioner Vercouteren.

“To receive item B for information.”

Motion carried

6. NEW BUSINESS

General Manager Prail verbally reported that the Municipal Audit Committee has requested reports of travel and training from the Municipal staff. General Manager Prail asked if email format from PUC staff would be sufficient. Mayor Hope stated that email format would be fine.

General Manager Prail verbally reported that he was going to be on the Lead Implementation Committee as put forward from AMO.

Commissioner Parsons thanked Tom Kissner for attending the WATCH meeting.

7. NEXT MEETING

The next meeting is scheduled for October 18, 2007 at the Ridgetown Service Centre following the tour of the Highgate Well system, Ridgetown Well and Lagoon. Please meet at the Service Centre at 1:00 PM.

8. ADJOURNMENT

Moved by Commissioner Parsons and seconded by Mayor Hope.

“That the Regular meeting be adjourned at 2:30 PM.”

Motion carried