

# MINUTES

## PUBLIC UTILITIES COMMISSION

**PUC BOARDROOM  
325 GRAND AVE E**

**JUNE 19, 2008  
3:00 PM**

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PRESENT: Chairman Bryon Fluker, Commissioners Steve Pinsonneault, Frank Vercouteren, , Steve Pickard, Mayor Randy Hope, A/CAO Gerry Wolting, A/General Manager Jack Sonneveld, Facility Systems Manager Rob Bernardi, Supervisor Compliance & Monitoring Lilly Snobelen and Manager – North Tom Kissner.

Also present were several Bothwell residents.

ABSENT: Commissioner Sheldon Parsons and Joe Faas.

**1. CALL TO ORDER**

Chairman Bryon Fluker called the meeting to order at 3:00 PM.

**2. DECLARATION OF PECUNIARY INTEREST**

NONE

**3. APPROVAL OF MINUTES**

a) May 15, 2008

**Moved by Commissioner Vercouteren and seconded by Commissioner Pinsonneault.**

**“That the minutes of May 15, 2008 Regular Meeting be approved.”**

**Motion carried**

**Moved by Commissioner Pinsonneault and seconded by Commissioner Vercouteren to move report 5a forward.**

**5. INFORMATION**

a) Bothwell Sanitary Sewer further Sampling & Testing Results

MUNICIPALITY OF CHATHAM-KENT

PUBLIC UTILITIES COMMISSION

**INFORMATION REPORT**

**TO:** PUC Chairperson and Commissioners

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

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**DATE:** June 19, 2008  
**SUBJECT:** Bothwell Sanitary Sewers – Further Sampling and Testing Results

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This report is for the information of the Commission.

### **BACKGROUND**

At the regular Chatham-Kent Public Utilities Commission (PUC) 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 Sewers 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. The Motion was to defer the by-law approval pending the PUC provide results of further testing for human waste in catch basins and stormwater.

It was further requested 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 was brought to Council in a closed session on October 15, 2007, on implications of not acting on the Environmental Study Report.

At the regular PUC meeting on September 20, 2007, the Commission authorized administration to prepare a report with recommendations on how to conduct further testing within the Community of Bothwell. The report was to include the laboratory and costs associated with additional testing.

At the regular PUC meeting on October 18, 2007, the Commission authorized the following recommendations:

- 1. The Chatham-Kent Public Utilities Commission authorizes administration to proceed with further testing of surface and catch basin waters within the Community of Bothwell.**
- 2. The firm of GAP EnviroMicrobial Services Ltd. perform the laboratory testing and arrange for the sampling, for costs not to exceed \$10,000.00.**
- 3. A representative from the Concerned Citizens of Bothwell Group be present during the sampling.**
- 4. A report be brought back to the Commission with the results of the additional testing.**
- 5. Administration investigate the costing of E.coli tracer from GAP EnviroMicrobial Services Ltd.**

### **COMMENTS**

All the recommendations from the PUC meeting of October 18, 2007 have now been satisfied.

Further sampling and testing was completed in December 2007 and again in May 2008. The separation of time between sampling periods was to achieve sampling in two different seasons of the year. Sampling was conducted by GAP EnviroMicrobial Services Ltd. (GAP) with some members of the Concerned Citizens of Bothwell Group present as well as some Councillors. The comments from the Concerned Citizens of Bothwell Group were that they were quite happy with the sampling process, the equipment used to do the sampling, and the professionalism of the lab personnel.

Costing for E.coli tracer testing was provided from GAP and would range in cost between \$917.50 to \$2,207.50 per household. There are approximately 474 properties in Bothwell. This equates to total costs for the community of between \$430,000 to \$1,000,000. This additional testing is not recommended.

The attached report discusses the results of the additional sampling and testing conducted by GAP. The report has been circulated to the Concerned Citizens Group as well as members of Council. The report identifies the findings of human waste in the stormwater as was required by the Council recommendation. The conclusions from the report are summarized below:

*"In summary, the contamination of stormwater, which is highly likely to be from septage, is evident in the test results from various locations of the two sampling events. Once this stormwater discharges into surface waters in the vicinity of Bothwell, there is an increased risk of disease-causing bacteria, viruses, and parasites contributing to the contamination of source waters for water supplies (Pitt, 1998). This stormwater contamination includes groundwaters where aquifer recharge occurs. In addition, direct contact with this contaminated stormwater, which is likely to contain human viruses that are known to originate in septage and to survive in the stormwater, can be a serious health hazard."*

*"Contamination of stormwater with septage occurs in rural communities throughout the Province of Ontario (Dutka and Rybakowski, 1976). Once the levels are measurable to the extent that the human fecal contamination is detected in*

*stormwater during dry- and wet-weather conditions in circumstances such as those found at Bothwell, there is a requirement to mitigate the contamination. Malfunctioning septic systems are a risk to public health by contaminating ground and surface water with pathogens (Pitt, 1998; Scandura and Sobsey, 1997; Qureshi and Dutka, 1979)."*

It should be noted that the PUC staff/administration and EarthTech Canada have not been involved in the sampling, testing or preparation of the report by GAP.

Based on the findings and report from GAP, a report will be brought to Council for the by-law approval.

**CONSULTATION**

The information from the report prepared by GAP EnviroMicrobial Services Ltd. was used in the preparation of this report.

**FINANCIAL IMPLICATIONS**

Costs incurred to date include engineering fees to complete the Class Environmental Assessment (EA) and amount to \$195,443.50 of the \$733,555.00 overall originally quoted by Earth Tech. Additional costs have been incurred for the extra work involved with the Class EA process and amount to approximately \$30,000.

Costs associated with additional testing and investigation are approximately \$10,000.00. Summary of fees to date as well as fees for additional testing are shown in the table below.

Description of Costs	Costs	
Engineering/Consulting Fees for Class EA	\$165,000.00	<i>Fees Paid to Earth Tech to-date</i>
Additional Engineering/Consulting Fees Associated with public appeals	\$30,000.00	
Potential Costs Associated with Additional Testing	\$10,000.00	<i>Fees to be paid to GAP</i>
<b>Total Fees After Additional Testing</b>	<b>\$205,000.00</b>	

The latest revised total project cost is now estimated at \$14,050,000. The original cost estimate from 2005 is listed in the table below.

Project Component	Original Capital Cost Estimate	Current Capital Cost Estimate	Responsibility
A. Local Collection Sewers and Pumping Stations	\$5,740,000	\$7,350,000	Homeowner Fixed one time charge
B. Main Transfer Pumping Station	\$970,000	\$1,250,000	Chatham-Kent PUC
C. Forcemain from Bothwell to Thamesville	\$2,910,000	\$3,725,000	Chatham-Kent PUC
D. Thamesville WWTP Upgrades	\$1,350,000 (\$485,000 required at some point regardless of accepting Bothwell flows)	\$1,725,000	Chatham-Kent PUC
<b>Total Capital Costs</b>	<b>\$10,970,000</b>	<b>\$14,050,000</b>	

Cost includes Engineering and Contingency

The original cost estimate for a connection charge was \$12,600. The latest revised cost per connection charge is estimated at \$15,500.

The table below shows the impact on timeframe of the proposed project from the original timeframe. If the revised timeframes are met, the assessments to property owners would not be sent out prior to the Spring or Summer of 2010.

Activity	Original Timeframe	Revised Timeframe
Detailed Design	Late 2005 to early 2006 (approx. 6 months)	August 2008 to April 2009 (approx. 8 months)
Additional Studies	n/a	Summer/Fall 2008
Construction	Spring – Fall 2006	Late Spring – Late Fall 2009
Commissioning	Winter 2006	Early Winter 2009

Prepared by:

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

Reviewed by:

\_\_\_\_\_  
 Jack Sonneveld  
 Acting General Manager  
 Chatham-Kent PUC

Reviewed by:

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

**Moved by Mayor Hope and seconded by Commissioner Vercoouteren.**

**“To receive this report for information.”**

**Moved by Commissioner Pickard and seconded by Commissioner Pinsonneault.**

**“That Administration bring a report to the Council Meeting on September 22, 2008. A deputation will be scheduled for that meeting.”**

**Motion carried**

**4. REPORTS**

**a) In-Camera Report**

PUC IN-CAMERA REPORT

June 19, 2008

The PUC met in-camera on May 15, 2008 and would report the following for the approval of the PUC:

The PUC considered a report regarding General Manager Selection Process. It was moved and carried that:

**“The Chatham-Kent Public Utilities Commission approve the selection process for the General Manager, Chatham-Kent Public Utilities.**

**And**

Add two more PUC Commissioners and a member of E.M.T. (that is not applying for the C.A.O. position) to the interview panel.”

**Moved by Commissioner Vercooteren and seconded by Mayor Hope.**

“To receive this report for information.”

**Motion carried**

b) Award of Tender: Sanitary Sewer Evaluation (Blenheim)

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

**TO:** Jack Sonneveld  
Acting General Manager, Chatham-Kent PUC

**FROM:** Stephen E. Jahns, B.A.Sc., P.Eng., CMMIII  
Manager, Infrastructure and Transportation  
Engineering and Transportation Division

**DATE:** May 22, 2008

**SUBJECT:** Award of Tender: T08-146  
Sanitary Sewer Evaluation  
Community of Blenheim, Municipality of Chatham-Kent

**RECOMMENDATIONS**

It is recommended that:

1. The tender in the amount of \$24,274.84 (\$23,118.90 + GST) be awarded to Sewer Maintenance Services of Kingsville, Ontario.

**BACKGROUND**

Over the past years, Chatham-Kent PUC has received a number of reports from Engineering and Transportation Division which have outlined the results of sanitary and combined sewer investigations conducted within the Municipality of Chatham-Kent. Such reports have typically been of a reactive nature in that these investigations sought to identify the cause(s) of existing issues being experienced with sewers within a particular community or neighborhood within the Municipality. Such issues may include poor conveyance of flows, continued maintenance issues, and possibly even flooding.

The award of this tender marks a departure from such reactive investigations as the 2008 PUC Lifecycle Sanitary Sewer Budget has been developed to include allowances for the planned and systematic inspection of both sanitary and combined sewers within the urban communities of Chatham-Kent. By phasing the work over a five or six year cycle, this process seeks to investigate the vast majority of such sewer infrastructure.

**COMMENTS**

In late 2006, Engineering and Transportation Division developed the 2008 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 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 round of tenders associated with this work.

The current 2008 tenders constitute the second round of tenders associated with the 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.

The work identified within this contract is located within the area identified in Appendix A and seeks to evaluate 6.2 kilometres of sanitary sewer lines and 82 maintenance holes structures.

Tenders were let in April 2008 and were received and opened on May 22, 2008 by the Purchasing Officer. The results are as presented in the following table:

Table 1 - Tender Results Contract T08-146 Sanitary Sewer Evaluation Community of Blenheim, Municipality of Chatham-Kent		
Rank	Bidder and Location	Tender Amount (including GST)
1	Sewer Maintenance Systems – Kingsville, Ontario	\$24,272.84
2	Veolia Sewer Services Incorporated – Pickering, Ontario	\$26,821.26

Engineering and Transportation Division has reviewed the tenders and notes that they are complete in all respects. All fees associated with this project will be funded through the 2008 PUC Lifecycle Sanitary Sewer Budget. A detailed financial breakdown associated with this project is provided in the Financial Implications section of this report.

Prior to the commencement of any work, the contractor is required to circulate notices to area residents advising them of the work schedule and details regarding the nature of the work to be done.

### **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**

- Support new infrastructure investments and modernize existing infrastructure

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

### **CONSULTATION**

The tenders were developed by Engineering and Transportation Division and consider operational information brought forward by PUC and Public Works Supervisory Staff.

The tenders were opened by the Purchasing Officer and reviewed by the Tendering Committee comprised of the Purchasing Officer, Corporate Services, the Director, Financial Services/Treasurer, Corporate Services and the Director, Engineering and Transportation Division, Infrastructure and Engineering Services.

### **FINANCIAL IMPLICATIONS**

The recommendations associated with this report have an associated financial implication of \$24,274.84 (\$23,118.90 + GST) which is to be funded from the 2008 PUC Lifecycle Sanitary Sewer Budget.

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:

\_\_\_\_\_  
Jack Sonneveld  
Acting General Manager  
Chatham-Kent PUC

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

**Moved by Commissioner Vercoouteren and seconded by Commissioner Pinsonneault.**

**“That the tender in the amount of \$24,274.84 (\$23,118.90 + GST) be awarded to Sewer Maintenance Services of Kingsville, Ontario.”**

**Motion carried**

c) Award of Tender: Sanitary Sewer Evaluation (Thamesville)

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

**TO:** Jack Sonneveld  
Acting General Manager, Chatham-Kent PUC

**FROM:** Stephen E. Jahns, B.A.Sc., P.Eng., CMMIII  
Manager, Infrastructure and Transportation  
Engineering and Transportation Division

**DATE:** May 22, 2008

**SUBJECT:** Award of Tender: T08-151  
Sanitary Sewer Evaluation  
Community of Thamesville, Municipality of Chatham-Kent

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**RECOMMENDATIONS**

It is recommended that:

1. The tender in the amount of \$10,466.82 (\$9,968.40 + GST) be awarded to Sewer Maintenance Services of Kingsville, Ontario.

**BACKGROUND**

Over the past years, Chatham-Kent PUC has received a number of reports from Engineering and Transportation Division which have outlined the results of sanitary and combined sewer investigations conducted within the Municipality of Chatham-Kent. Such reports have typically been of a reactive nature in that these investigations sought to identify the cause(s) of existing issues being experienced with sewers within a particular community or neighborhood within the Municipality. Such issues may include poor conveyance of flows, continued maintenance issues, and possibly even flooding.

The award of this tender marks a departure from such reactive investigations as the 2008 PUC Lifecycle Sanitary Sewer Budget has been developed to include allowances for the planned and systematic inspection of both sanitary and combined sewers within the

urban communities of Chatham-Kent. By phasing the work over a five or six year cycle, this process seeks to investigate the vast majority of such sewer infrastructure.

**COMMENTS**

In late 2006, Engineering and Transportation Division developed the 2008 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 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 round of tenders associated with this work.

The current 2008 tenders constitute the second round of tenders associated with the 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.

The work identified within this contract is located within the area identified in Appendix A and seeks to evaluate 2.5 kilometres of sanitary sewer lines and 29 maintenance holes structures.

Tenders were let in April 2008 and were received and opened on May 22, 2008 by the Purchasing Officer. The results are as presented in the following table:

Table 1 - Tender Results Contract T08-151 Sanitary Sewer Evaluation Community of Thamesville, Municipality of Chatham-Kent		
Rank	Bidder and Location	Tender Amount (including GST)
1	Sewer Maintenance Systems – Kingsville, Ontario	\$10,466.82
2	Veolia Sewer Services Incorporated – Pickering, Ontario	\$10,785.10

Engineering and Transportation Division has reviewed the tenders and notes that they are complete in all respects. All fees associated with this project will be funded through the 2008 PUC Lifecycle Sanitary Sewer Budget. A detailed financial breakdown associated with this project is provided in the Financial Implications section of this report.

Prior to the commencement of any work, the contractor is required to circulate notices to area residents advising them of the work schedule and details regarding the nature of the work to be done.

**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

- Support new infrastructure investments and modernize existing infrastructure

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

**CONSULTATION**

The tenders were developed by Engineering and Transportation Division and consider operational information brought forward by PUC and Public Works Supervisory Staff.

The tenders were opened by the Purchasing Officer and reviewed by the Tendering Committee comprised of the Purchasing Officer, Corporate Services, the Director, Financial Services/Treasurer, Corporate Services and the Director, Engineering and Transportation Division, Infrastructure and Engineering Services.

**FINANCIAL IMPLICATIONS**

The recommendations associated with this report have an associated financial implication of \$10,466.82 (\$9,968.40 + GST) which is to be funded from the 2008 PUC Lifecycle Sanitary Sewer Budget.

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:

\_\_\_\_\_  
Jack Sonneveld  
Acting General Manager  
Chatham-Kent PUC

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

**Moved by Commissioner Vercouteren and seconded by Commissioner Pinsonneault.**

**“That the tender in the amount of \$10,466.82 (\$9,968.40 + GST) be awarded to Sewer Maintenance Services of Kingsville, Ontario.”**

**Motion carried**

d) Award of Tender: Sanitary Sewer Evaluation (Ridgetown)

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

**TO:** Jack Sonneveld  
Acting General Manager, Chatham-Kent PUC

**FROM:** Stephen E. Jahns, B.A.Sc., P.Eng., CMMIII  
Manager, Infrastructure and Transportation  
Engineering and Transportation Division

**DATE:** May 22, 2008

**SUBJECT:** Award of Tender: T08-150  
Sanitary Sewer Evaluation  
Community of Ridgetown, Municipality of Chatham-Kent

**RECOMMENDATIONS**

It is recommended that:

1. The tender in the amount of \$16,996.66 (\$16,187.30 + GST) be awarded to Sewer Maintenance Services of Kingsville, Ontario.

**BACKGROUND**

Over the past years, Chatham-Kent PUC has received a number of reports from Engineering and Transportation Division which have outlined the results of sanitary and combined sewer investigations conducted within the Municipality of Chatham-Kent. Such reports have typically been of a reactive nature in that these investigations sought to identify the cause(s) of existing issues being experienced with sewers within a particular community or neighborhood within the Municipality. Such issues may include poor conveyance of flows, continued maintenance issues, and possibly even flooding.

The award of this tender marks a departure from such reactive investigations as the 2008 PUC Lifecycle Sanitary Sewer Budget has been developed to include allowances for the planned and systematic inspection of both sanitary and combined sewers within the urban communities of Chatham-Kent. By phasing the work over a five or six year cycle, this process seeks to investigate the vast majority of such sewer infrastructure.

**COMMENTS**

In late 2006, Engineering and Transportation Division developed the 2008 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 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 round of tenders associated with this work.

The current 2008 tenders constitute the second round of tenders associated with the 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.

The work identified within this contract is located within the area identified in Appendix A and seeks to evaluate 4.1 kilometres of sanitary sewer lines and 51 maintenance holes structures.

Tenders were let in April 2008 and were received and opened on May 22, 2008 by the Purchasing Officer. The results are as presented in the following table:

Table 1 - Tender Results Contract T08-150 Sanitary Sewer Evaluation Community of Ridgetown, Municipality of Chatham-Kent		
Rank	Bidder and Location	Tender Amount (including GST)
1	Sewer Maintenance Systems – Kingsville, Ontario	\$16,996.66
2	Veolia Sewer Services Incorporated – Pickering, Ontario	\$17,619.24

Engineering and Transportation Division has reviewed the tenders and notes that they are complete in all respects. All fees associated with this project will be funded through the 2008 PUC Lifecycle Sanitary Sewer Budget. A detailed financial breakdown associated with this project is provided in the Financial Implications section of this report.

Prior to the commencement of any work, the contractor is required to circulate notices to area residents advising them of the work schedule and details regarding the nature of the work to be done.

### **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**

- Support new infrastructure investments and modernize existing infrastructure

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

### **CONSULTATION**

The tenders were developed by Engineering and Transportation Division and consider operational information brought forward by PUC and Public Works Supervisory Staff.

The tenders were opened by the Purchasing Officer and reviewed by the Tendering Committee comprised of the Purchasing Officer, Corporate Services, the Director, Financial Services/Treasurer, Corporate Services and the Director, Engineering and Transportation Division, Infrastructure and Engineering Services.

### **FINANCIAL IMPLICATIONS**

The recommendations associated with this report have an associated financial implication of \$16,996.66 (\$16,187.30 + GST) which is to be funded from the 2008 PUC Lifecycle Sanitary Sewer Budget.

Prepared by:

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

Reviewed by:

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

Reviewed by:

\_\_\_\_\_  
Jack Sonneveld  
Acting General Manager  
Chatham-Kent PUC

Approved by:

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

**Moved by Commissioner Vercouteren and seconded by Commissioner Pinsonneault.**

**“That the tender in the amount of \$16,996.66 (\$16,187.30 + GST) be awarded to Sewer Maintenance Services of Kingsville, Ontario.”**

**Motion carried**

e) Award of Tender: Sanitary Sewer Evaluation (Chatham)

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:** May 20, 2008  
**SUBJECT:** Award of Tender: T08-147  
 Combined Sewer and Sanitary Sewer Evaluation  
 Community of Chatham, Municipality of Chatham-Kent

**RECOMMENDATIONS**

It is recommended that:

1. The tender in the amount of \$185,163.56 (\$176,346.25 + GST) be awarded to Benko Sewer Service – Division of Badger Daylighting Inc. of London, Ontario.

**BACKGROUND**

Over the past year, Chatham-Kent PUC has received a number of reports from Engineering and Transportation Division which have outlined the results of sanitary and combined sewer investigations conducted within the Municipality of Chatham-Kent. Such reports have typically been of a reactive nature in that these investigations sought to identify the cause(s) of existing issues being experienced with sewers within a particular community or neighborhood within the Municipality. Such issues may include poor conveyance of flows, continued maintenance issues, and possibly even flooding.

The award of this tender marks a departure from such reactive investigations as the 2008 PUC Lifecycle Sanitary Sewer Budget has been developed to include allowances for the planned and systematic inspection of both sanitary and combined sewers within the urban communities of Chatham-Kent. By phasing the work over a five or six year cycle, this process seeks to investigate the vast majority of such sewer infrastructure.

Tenders were let in April, 2008 and were received and opened on May 15, 2008 by the Purchasing Officer. The results are as presented in the following table:

Table 1 - Tender Results Contract T08-147 Combined Sewer and Sanitary Sewer Evaluation Community of Chatham, Municipality of Chatham-Kent		
Rank	Bidder and Location	Tender Amount (including GST)
1	Benko Sewer Service - London, Ontario	\$185,163.56*
2	Veolia Sewer Services Incorporated – Pickering, Ontario	\$188,493.10*

\* Note: Corrected due to arithmetic error – rank of results unchanged

Engineering and Transportation Division has reviewed the tenders and notes that they are complete in all respects. Both bids contained minor arithmetic errors. These errors did not change the tender ranking.

All fees associated with this project will be funded through the 2008 PUC Lifecycle Sanitary Sewer Budget. A detailed financial breakdown associated with this project is provided in the Financial Implications section of this report.

**COMMENTS**

In late 2006, Engineering and Transportation Division developed the 2008 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 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 round of tenders associated with this work.

The current 2008 tenders constitute the second round of tenders associated with the 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.

The work identified within this contract is located within the area identified in Appendix A and seeks to evaluate 39.3 kilometres of sanitary and combined sewer lines and 497 maintenance hole structures.

Prior to the commencement of any work, the contractor is required to circulate notices to area residents advising them of the work schedule and details regarding the nature of the work to be done.

#### **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 tenders were developed by Engineering and Transportation Division and consider operational information brought forward by PUC and Public Works Supervisory Staff.

The tenders were opened by the Purchasing Officer and reviewed by the Tendering Committee comprised of the Purchasing Officer, Corporate Services, the Director, Financial Services/Treasurer, Corporate Services and the Director, Engineering and Transportation Division, Infrastructure and Engineering Services.

The General Manager, Chatham-Kent PUC was consulted in the preparation of this report and supports the recommendation.

#### **FINANCIAL IMPLICATIONS**

The project summary is set out in the following table.

Table 2 – Financial Implications Contract T08-147 Combined Sewer and Sanitary Sewer Evaluation Community of Chatham, Municipality of Chatham-Kent		
<b>A) Project Costs</b>	Low Tender (incl. GST)	\$ 185,163.56
	Engineering Design & Inspection	\$ 0.00
	Less GST Rebate 6%	-\$ 8,817.31
	<b>Project Total</b>	<b>\$ 176,346.25</b>
<b>B) Lifecycle Sanitary Sewer Budget Update Summary</b>	Total Approved 2007 Budget	\$ 2,000,000.00
	<u>Previously Approved Projects:</u>	
	T08-154 Sanitary Sewer Evaluation Wheatley	-\$ 22,025.00
	T08-152 Sanitary Sewer Evaluation Tilbury	-\$ 25,908.25
	<u>Current Project:</u>	
T08-147 Sanitary Sewer Evaluation – Chatham	-\$ 176,346.25	
<b>Balance Available</b>	<b>\$ 1,775,720.50</b>	

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:

\_\_\_\_\_  
Jack Sonneveld  
Acting General Manager  
Chatham-Kent PUC

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

**Moved by Commissioner Vercouteren and seconded by Commissioner Pinsonneault.**

**“That the tender in the amount of \$185,163.56 (\$176,346.25 + GST) be awarded to Benko Sewer Service – Division of Badger Daylighting Inc. of London, Ontario.”**

**Motion carried**

f) Award of Tender: Sanitary Sewer Evaluation (Tilbury)

MUNICIPALITY OF CHATHAM-KENT

INFRASTRUCTURE AND ENGINEERING SERVICES

PUBLIC UTILITIES COMMISSION

**TO:** Jack Sonneveld  
Acting General Manager, Chatham-Kent PUC

**FROM:** Stephen E. Jahns, B.A.Sc., P.Eng., CMMIII  
Manager, Infrastructure and Transportation  
Engineering and Transportation Division

**DATE:** May 20, 2008

**SUBJECT:** Award of Tender: T08-152  
Sanitary Sewer Evaluation  
Community of Tilbury, Municipality of Chatham-Kent

**RECOMMENDATIONS**

It is recommended that:

1. The tender in the amount of \$27,203.66 (\$25,908.25 + GST) be awarded to Benko Sewer Service – Division of Badger Daylighting Inc. of London, Ontario.

**BACKGROUND**

Over the past years, Chatham-Kent PUC has received a number of reports from Engineering and Transportation Division which have outlined the results of sanitary and combined sewer investigations conducted within the Municipality of Chatham-Kent. Such reports have typically been of a reactive nature in that these investigations sought to identify the cause(s) of existing issues being experienced with sewers within a particular community or neighborhood within the Municipality. Such issues may include poor conveyance of flows, continued maintenance issues, and possibly even flooding.

The award of this tender marks a departure from such reactive investigations as the 2008 PUC Lifecycle Sanitary Sewer Budget has been developed to include allowances for the planned and systematic inspection of both sanitary and combined sewers within the urban communities of Chatham-Kent. By phasing the work over a five or six year cycle, this process seeks to investigate the vast majority of such sewer infrastructure.

**COMMENTS**

In late 2006, Engineering and Transportation Division developed the 2008 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 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 round of tenders associated with this work.

The current 2008 tenders constitute the second round of tenders associated with the 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.

The work identified within this contract is located within the area identified in Appendix A and seeks to evaluate 5.8 kilometres of sanitary sewer lines and 92 maintenance hole structures.

Tenders were let in April, 2008 and were received and opened on May 15, 2008 by the Purchasing Officer. The results are as presented in the following table:

Table 1 - Tender Results Contract T08-152 Sanitary Sewer Evaluation Community of Tilbury, Municipality of Chatham-Kent		
Rank	Bidder and Location	Tender Amount (including GST)
1	Benko Sewer Service - London, Ontario	\$27,203.66
2	Sewer Maintenance Systems – Kingsville, Ontario	\$30,993.59
3	Veolia Sewer Services Incorporated – Pickering, Ontario	\$41,056.31

Engineering and Transportation Division has reviewed the tenders and notes that they are complete in all respects. All fees associated with this project will be funded through the 2008 PUC Lifecycle Sanitary Sewer Budget. A detailed financial breakdown associated with this project is provided in the Financial Implications section of this report.

Prior to the commencement of any work, the contractor is required to circulate notices to area residents advising them of the work schedule and details regarding the nature of the work to be done.

### **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**

- Support new infrastructure investments and modernize existing infrastructure

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

### **CONSULTATION**

The tenders were developed by Engineering and Transportation Division and consider operational information brought forward by PUC and Public Works Supervisory Staff.

The tenders were opened by the Purchasing Officer and reviewed by the Tendering Committee comprised of the Purchasing Officer, Corporate Services, the Director, Financial Services/Treasurer, Corporate Services and the Director, Engineering and Transportation Division, Infrastructure and Engineering Services.

### **FINANCIAL IMPLICATIONS**

The recommendations associated with this report have an associated financial implication of \$27,203.66 (\$25,908.25 + GST) which is to be funded from the 2008 PUC Lifecycle Sanitary Sewer Budget.

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:

\_\_\_\_\_  
Jack Sonneveld  
Acting General Manager  
Chatham-Kent PUC

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

**Moved by Commissioner Vercoouteren and seconded by Commissioner Pinsonneault.**

**“That the tender in the amount of \$27,203.66 (\$25,908.25 + GST) be awarded to Benko Sewer Service – Division of Badger Daylighting Inc. of London, Ontario.**

**Motion carried**

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g) Award of Tender: Sanitary Sewer Evaluation (Wheatley)

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

**TO:** Jack Sonneveld  
Acting General Manager, Chatham-Kent PUC

**FROM:** Stephen E. Jahns, B.A.Sc., P.Eng., CMMIII  
Manager, Infrastructure and Transportation  
Engineering and Transportation Division

**DATE:** May 22, 2008

**SUBJECT:** Award of Tender: T08-150  
Sanitary Sewer Evaluation  
Community of Ridgetown, Municipality of Chatham-Kent

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**RECOMMENDATIONS**

It is recommended that:

1. The tender in the amount of \$23,126.25 (\$22,025.00 + GST) be awarded to Benko Sewer Service – Division of Badger Daylighting Inc. of London, Ontario.

**BACKGROUND**

Over the past years, Chatham-Kent PUC has received a number of reports from Engineering and Transportation Division which have outlined the results of sanitary and combined sewer investigations conducted within the Municipality of Chatham-Kent. Such reports have typically been of a reactive nature in that these investigations sought to identify the cause(s) of existing issues being experienced with sewers within a particular community or neighborhood within the Municipality. Such issues may include poor conveyance of flows, continued maintenance issues, and possibly even flooding.

The award of this tender marks a departure from such reactive investigations as the 2008 PUC Lifecycle Sanitary Sewer Budget has been developed to include allowances for the planned and systematic inspection of both sanitary and combined sewers within the urban communities of Chatham-Kent. By phasing the work over a five or six year cycle, this process seeks to investigate the vast majority of such sewer infrastructure.

**COMMENTS**

In late 2006, Engineering and Transportation Division developed the 2008 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 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 round of tenders associated with this work.

The current 2008 tenders constitute the second round of tenders associated with the 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.

The work identified within this contract is located within the area identified in Appendix A and seeks to evaluate 4.8 kilometres of sanitary sewer lines and 61 maintenance holes structures.

Tenders were let in April, 2008 and were received and opened on May 15, 2008 by the Purchasing Officer. The results are as presented in the following table:

Table 1 - Tender Results Contract T08-154 Sanitary Sewer Evaluation Community of Wheatley, Municipality of Chatham-Kent		
Rank	Bidder and Location	Tender Amount (including GST)
1	Benko Sewer Service - London, Ontario	\$23,126.25
2	Sewer Maintenance Systems – Kingsville, Ontario	\$27,066.06
3	Veolia Sewer Services Incorporated – Pickering, Ontario	\$34,928.25

Engineering and Transportation Division has reviewed the tenders and notes that they are complete in all respects. All fees associated with this project will be funded through the 2008 PUC Lifecycle Sanitary Sewer Budget. A detailed financial breakdown associated with this project is provided in the Financial Implications section of this report.

Prior to the commencement of any work, the contractor is required to circulate notices to area residents advising them of the work schedule and details regarding the nature of the work to be done.

### **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

- Support new infrastructure investments and modernize existing infrastructure

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

### **CONSULTATION**

The tenders were developed by Engineering and Transportation Division and consider operational information brought forward by PUC and Public Works Supervisory Staff.

The tenders were opened by the Purchasing Officer and reviewed by the Tendering Committee comprised of the Purchasing Officer, Corporate Services, the Director, Financial Services/Treasurer, Corporate Services and the Director, Engineering and Transportation Division, Infrastructure and Engineering Services.

### **FINANCIAL IMPLICATIONS**

The recommendations associated with this report have an associated financial implication of \$23,126.25 (\$22,025.00 + GST) which is to be funded from the 2008 PUC Lifecycle Sanitary Sewer Budget.

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  
Infrastructure and Engineering Services

Reviewed by:

Approved by:

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Jack Sonneveld  
Acting General Manager  
Chatham-Kent PUC

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

**Moved by Commissioner Vercoouteren and seconded by Commissioner Pinsonneault.**

**“That the tender in the amount of \$23,126.25 (\$22,025.00 + GST) be awarded to Benko Sewer Service – Division of Badger Daylighting Inc. of London, Ontario.”**

**Motion carried**

h) Award of Tender: Sanitary Sewer Evaluation (Dresden)

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

**TO:** Jack Sonneveld  
Acting General Manager, Chatham-Kent PUC

**FROM:** Stephen E. Jahns, B.A.Sc., P.Eng., CMMIII  
Manager, Infrastructure and Transportation  
Engineering and Transportation Division

**DATE:** June 5, 2008

**SUBJECT:** Award of Tender: T08-148  
Sanitary Sewer Evaluation  
Community of Dresden, Municipality of Chatham-Kent

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**RECOMMENDATIONS**

It is recommended that:

1. The tender in the amount of \$21,120.69 (\$20,114.95 + GST) be awarded to Sewer Maintenance Services of Kingsville, Ontario.

**BACKGROUND**

Over the past years, Chatham-Kent PUC has received a number of reports from Engineering and Transportation Division which have outlined the results of sanitary and combined sewer investigations conducted within the Municipality of Chatham-Kent. Such reports have typically been of a reactive nature in that these investigations sought to identify the cause(s) of existing issues being experienced with sewers within a particular community or neighborhood within the Municipality. Such issues may include poor conveyance of flows, continued maintenance issues, and possibly even flooding.

The award of this tender marks a departure from such reactive investigations as the 2008 PUC Lifecycle Sanitary Sewer Budget has been developed to include allowances for the planned and systematic inspection of both sanitary and combined sewers within the urban communities of Chatham-Kent. By phasing the work over a five or six year cycle, this process seeks to investigate the vast majority of such sewer infrastructure.

**COMMENTS**

In late 2006, Engineering and Transportation Division developed the 2008 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 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 round of tenders associated with this work.

The current 2008 tenders constitute the second round of tenders associated with the 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.

The work identified within this contract is located within the area identified in Appendix A and seeks to evaluate 5.4 kilometres of sanitary sewer lines and 70 maintenance holes structures.

Tenders were let in April 2008 and were received and opened on May 22, 2008 by the Purchasing Officer. The results are as presented in the following table:

Table 1 - Tender Results Contract T08-148 Sanitary Sewer Evaluation Community of Dresden, Municipality of Chatham-Kent		
Rank	Bidder and Location	Tender Amount (including GST)
1	Sewer Maintenance Systems – Kingsville, Ontario	\$21,120.69
2	Veolia Sewer Services Incorporated – Pickering, Ontario	\$23,220.18*
*Note: Corrected due to arithmetic error – rank of results unchanged		

Engineering and Transportation Division has reviewed the tenders and notes that they are complete in all respects. All fees associated with this project will be funded through the 2008 PUC Lifecycle Sanitary Sewer Budget. A detailed financial breakdown associated with this project is provided in the Financial Implications section of this report.

Prior to the commencement of any work, the contractor is required to circulate notices to area residents advising them of the work schedule and details regarding the nature of the work to be done.

**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**

- Support new infrastructure investments and modernize existing infrastructure

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

**CONSULTATION**

The tenders were developed by Engineering and Transportation Division and consider operational information brought forward by PUC and Public Works Supervisory Staff.

The tenders were opened by the Purchasing Officer and reviewed by the Tendering Committee comprised of the Purchasing Officer, Corporate Services, the Director, Financial Services/Treasurer, Corporate Services and the Director, Engineering and Transportation Division, Infrastructure and Engineering Services.

### **FINANCIAL IMPLICATIONS**

The recommendations associated with this report have an associated financial implication of \$21,120.69 (\$20,114.95 + GST) which is to be funded from the 2008 PUC Lifecycle Sanitary Sewer Budget.

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:

\_\_\_\_\_  
Jack Sonneveld  
Acting General Manager  
Chatham-Kent PUC

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

**Moved by Commissioner Vercouteren and seconded by Commissioner Pinsonneault.**

**“That the tender in the amount of \$21,120.69 (\$20,114.95 + GST) be awarded to Sewer Maintenance Services of Kingsville, Ontario.”**

**Motion carried**

i) Award of Tender: Sanitary Sewer Evaluation (Wallaceburg)

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

**TO:** Jack Sonneveld  
Acting General Manager, Chatham-Kent PUC

**FROM:** Stephen E. Jahns, B.A.Sc., P.Eng., CMMIII  
Manager, Infrastructure and Transportation  
Engineering and Transportation Division

**DATE:** June 5, 2008

**SUBJECT:** Award of Tender: T08-153  
Sanitary Sewer Evaluation  
Community of Wallaceburg, Municipality of Chatham-Kent

### **RECOMMENDATIONS**

It is recommended that:

1. The tender in the amount of \$55,321.24 (\$52,686.90 + GST) be awarded to Sewer Maintenance Services of Kingsville, Ontario.

**BACKGROUND**

Over the past years, Chatham-Kent PUC has received a number of reports from Engineering and Transportation Division which have outlined the results of sanitary and combined sewer investigations conducted within the Municipality of Chatham-Kent. Such reports have typically been of a reactive nature in that these investigations sought to identify the cause(s) of existing issues being experienced with sewers within a particular community or neighborhood within the Municipality. Such issues may include poor conveyance of flows, continued maintenance issues, and possibly even flooding.

The award of this tender marks a departure from such reactive investigations as the 2008 PUC Lifecycle Sanitary Sewer Budget has been developed to include allowances for the planned and systematic inspection of both sanitary and combined sewers within the urban communities of Chatham-Kent. By phasing the work over a five or six year cycle, this process seeks to investigate the vast majority of such sewer infrastructure.

**COMMENTS**

In late 2006, Engineering and Transportation Division developed the 2008 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 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 round of tenders associated with this work.

The current 2008 tenders constitute the second round of tenders associated with the 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.

The work identified within this contract is located within the area identified in Appendix A and seeks to evaluate 13.7 kilometres of sanitary sewer lines and 203 maintenance holes structures.

Tenders were let in April 2008 and were received and opened on May 22, 2008 by the Purchasing Officer. The results are as presented in the following table:

Table 1 - Tender Results Contract T08-146 Sanitary Sewer Evaluation Community of Blenheim, Municipality of Chatham-Kent		
Rank	Bidder and Location	Tender Amount (including GST)
1	Sewer Maintenance Systems – Kingsville, Ontario	\$55,321.24
2	Veolia Sewer Services Incorporated – Pickering, Ontario	\$58,949.65*
*Note: Corrected due to arithmetic error – rank of results unchanged		

Engineering and Transportation Division has reviewed the tenders and notes that they are complete in all respects. All fees associated with this project will be funded through the 2008 PUC Lifecycle Sanitary Sewer Budget. A detailed financial breakdown associated with this project is provided in the Financial Implications section of this report.

Prior to the commencement of any work, the contractor is required to circulate notices to area residents advising them of the work schedule and details regarding the nature of the work to be done.

**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**

- Support new infrastructure investments and modernize existing infrastructure

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

**CONSULTATION**

The tenders were developed by Engineering and Transportation Division and consider operational information brought forward by PUC and Public Works Supervisory Staff.

The tenders were opened by the Purchasing Officer and reviewed by the Tendering Committee comprised of the Purchasing Officer, Corporate Services, the Director, Financial Services/Treasurer, Corporate Services and the Director, Engineering and Transportation Division, Infrastructure and Engineering Services.

**FINANCIAL IMPLICATIONS**

The recommendations associated with this report have an associated financial implication of \$55,321.24 (\$52,686.90 + GST) which is to be funded from the 2008 PUC Lifecycle Sanitary Sewer Budget.

Prepared by:

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

Reviewed by:

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

Reviewed by:

\_\_\_\_\_  
Jack Sonneveld  
Acting General Manager  
Chatham-Kent PUC

Approved by:

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

**Moved by Commissioner Vercouteren and seconded by Commissioner Pinsonneault.**

**“That the tender in the amount of \$55,321.24 (\$52,686.90 + GST) be awarded to Sewer Maintenance Services of Kingsville, Ontario.”**

**Motion carried**

j) Award of Tender: Baldoon/Gregory Drive W. Watermain

MUNICIPALITY OF CHATHAM-KENT

Public Utilities Commission

**TO:** PUC Chairperson and Commissioners

**FROM:** Jeannie Medeiros

Technical Assistant/Projects Coordinator, Chatham-Kent PUC

**DATE:** June 5, 2008

**SUBJECT:** Tender Award: Contract No. T08-131, Gregory Drive/Baldoon Road Waterline Extension, Community of Dover

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### **RECOMMENDATIONS**

It is recommended that:

1. The tender in the amount of \$485,835.00, including GST for the Gregory Drive / Baldoon Road Waterline Extension in the Community of Dover be awarded to Delway Contractors Ltd.
2. The Chairperson and General Manager be authorized to complete the necessary contracts.

### **BACKGROUND**

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

The service area would be connected to the existing 200 mm waterline 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 would be extended north on Baldoon Road to Mun. No. 24012 Baldoon Road, the last petitioner (see attached map).

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

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.

At the regular PUC meeting on September 20, 2007 the Commission approved that the Gregory Drive / Baldoon Road waterline proceed.

Dillon Consulting Limited prepared an estimated cost for the proposed waterline. The estimated cost for the project, including engineering but did not include GST was \$408,630.00, which included \$207,980.00 associated with oversizing and looping costs as well as future development costs along Gregory Drive and would 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.

In March 2008, the PUC was contacted by the Community Living Wallaceburg to have a waterline extension along Marsh Line. The service area would be connected to the existing 150 mm main on Winterline Road, and extend easterly on Marsh Line with a 150 mm main to 7255 Marsh Line (see attached map).

No other properties would be affected by the Marsh Line extension other than Community Living. The estimated assessment cost for the Marsh Line waterline extension allocated to Community Living Wallaceburg, not including the 2007 Part 12 Charge, is \$30,830.00.

In order to achieve additional cost savings for the property owners in these two project areas, administration has grouped these two locations into one project.

### **COMMENTS**

The proposed project has changed somewhat since the project was approved by Commission at the September 2007 regular meeting.

During detailed design it was recommended to increase the diameter of the waterline to be constructed along Gregory Drive from 200 mm to 300 mm in order to provide proper pressures and flows for the future.

Dillon Consulting provided a revised cost of \$522,585.00 for the project, which includes engineering but does not include GST.

The PUC revised allocated cost for oversizing, looping, and future development cost along Gregory Drive, and the oversizing along Marsh Line is estimated at \$298,221.00.

The revised estimated cost per connection for the proposed Gregory Drive/Baldoon Road waterline extension, including the 2007 Part 12 Charge is \$15,022.00, which is an 8% increase from the original estimated assessment.

Dillon Consulting Limited carried out the project engineering. The Purchasing Officer received and opened tenders for the contract on Thursday May 15, 2008.

A total of eight (8) tenders were received and they are summarized in the following table:

<b>Gregory Drive / Baldoon Road Waterline Extension Contract T08-131</b>	
<b>Tenderer</b>	<b>Quotation amount (including 5% GST)</b>
Delway Contractors Ltd.	\$485,835.00
Henry Heyink Construction Ltd.	\$534,450.00
Sherway Contracting (Windsor)	\$554,215.15
J. Lepera Contracting Inc.	\$579,600.00
Marchand Excavating Contractors Limited	\$579,993.08*
D'Amore Construction (2000) Ltd.	\$584,356.50
M.R. Dunn Contractors Ltd.	\$614,391.75
Murray Mills Excavating & Trucking (Sarnia) Ltd.	\$754,176.15

Dillon Consulting Limited has reviewed the tenders and advised that the tenders are complete in all respects except for an arithmetic error with the tender bid received by Marchand Excavating Contractors Limited. A miscalculation of the subtotal resulted in an error of \$300.00 for their tender bid and in the tender package submitted there was no Addendum No. 1 included.

The engineer's revised estimate of \$522,585.00 (including Contingency and GST) is in line with Delway Contractors Ltd. tender of \$485,835.00 (including Contingency and GST). This is approximately 7% lower than the engineer's construction revised estimate.

The lowest tender is 9% lower than the second lowest tender and is 36% lower than the highest tender submitted.

It is recommended that the Chatham-Kent PUC award Contract No. T08-131 to Delway Contractors Ltd. at the tender price of \$485,835.00, including GST and that the Chairperson and General Manager be authorized to complete the necessary agreements. The award of this project is subject to receipt of the appropriate approvals from the Ministry of the Environment.

### **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 reviewed the tenders and a copy of their letter recommending the award of the tender is attached.

### **FINANCIAL IMPLICATIONS**

The estimated cost of \$298,221.00 for oversizing, looping, and future development cost along Gregory Drive and Marsh Line will be allocated to the PUC. All other costs associated with the project will be recovered through assessment.

Prepared by:

Reviewed by:

\_\_\_\_\_  
Jeannie Medeiros  
Technical Assistant/Projects Coordinator

\_\_\_\_\_  
Rob Bernardi  
Manager – Facilities & Systems

Reviewed by:

Reviewed by:

\_\_\_\_\_  
Jack Sonneveld  
Acting General Manager  
Chatham-Kent PUC

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

**Moved by Mayor Hope and seconded by Commissioner Pickard.**

**“That the tender in the amount of \$485,835.00, including GST for the Gregory Drive / Baldoon Road Waterline Extension in the Community of Dover be awarded to Delway Contractors Ltd.**

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

**Motion carried**

k) Drake Road/Fifth Line Waterline Extension

MUNICIPALITY OF CHATHAM-KENT

Public Utilities Commission

**TO:** PUC Chairperson and Commissioners

**FROM:** Jeannie Medeiros  
Technical Assistant/Projects Coordinator, Chatham-Kent PUC

**DATE:** June 5, 2008

**SUBJECT:** Drake Road / 5th Line Waterline Extension  
(Community of Raleigh Township)

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**RECOMMENDATIONS**

It is recommended that:

1. The proposed Drake Road / 5th Line waterline extension not proceed at this time.
2. The property owners in this area are informed by letter of the vote results and the PUC action.

**BACKGROUND**

A Drake Road / 5th Line petitions were submitted to the Chatham-Kent Public Utilities Commission in August and September 2007.

**COMMENTS**

The system would have been connected to the 250 mmø existing main at Queen's Line and headed southerly on Drake Road to #22728 Drake Road (the last petitioner), for a total distance of approximately 1,860 m and would have headed westerly on Fifth Line from Drake Road to #6141 Fifth Line East (the last petitioner), for a total distance of 710 m.

A total of approximately 7 occupied residential properties and 1 vacant agricultural property exist within the proposed water distribution area.

Dillon Consulting Limited prepared an estimated cost for the proposed waterline. The estimated cost for the project, including engineering but did not include GST was \$146,140.00.

The estimated cost per connection for the proposed Drake Road / 5th Line waterline extension, including the 2008 Part 12 Charge is \$20,157.00.

An information and vote package describing the proposed extension project and costs associated was distributed to the benefiting owners on April 28, 2008. A ballot was included with the return date of May 20, 2008.

Seventy-two percent (72%) of the property owners returned the ballots. The ballot results were fifty-seven percent (57%) in favour of proceeding with the project.

On May 9 & 10<sup>th</sup>, administration called all the properties involved in the project that the PUC did not receive a ballot from to remind them of the May 20<sup>th</sup> 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 not proceed with providing water servicing to the residences along Drake Road / 5th Line and that the property owners are notified by letter, of the vote results and the PUC action.

### **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**

All costs associated with the project were to be recovered through assessment.

Prepared by:

\_\_\_\_\_  
Jeannie Medeiros  
Technical Assistant/Projects Coordinator

Reviewed by:

Reviewed by:

\_\_\_\_\_  
Jack Sonneveld  
Acting General Manager  
Chatham-Kent PUC

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

**Moved by Commissioner Vercouteren and seconded by Mayor Hope.**

**“That the proposed Drake Road / 5th Line waterline extension not proceed at this time.**

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

**Motion carried**

**5. INFORMATION**

- b) From Southwest Middlesex re: WE Primary Water System Rebate for 2007
- c) Letter to St. Clair Region Conservation Authority
- e) ORO Designation Update

**Moved by Mayor Hope and seconded by Commissioner Pickard.**

**“To receive b, c, and e for information.”**

**Motion carried**

d) Water/Wastewater Revenue & Expenditure

MUNICIPALITY OF CHATHAM-KENT  
Public Utilities Commission

“INFORMATION REPORT”

**TO:** PUC Chairperson and Commissioners

**FROM:** Jack Sonneveld  
Acting General Manager, Chatham-Kent PUC

**DATE:** June 19, 2008

**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 (May, 2008) are on historical usage patterns and no significant variances are projected in 2008.

The debt payments have been reported on a monthly basis to provide a better overview of the monthly revenues and expenditures.

**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  
 Acting General Manager,  
 Chatham-Kent PUC

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

**Moved by Mayor Hope and seconded by Commissioner Pickard.**

**“To receive the report for information.”**

**Motion carried**

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**6. NEW BUSINESS**

Positive comments were made regarding the new PUC signage at the Grand Ave E entrance.

**7. NEXT MEETING**

The next PUC Commission meeting is a "Special" meeting scheduled for Monday July 21, 2008 at 3:00 PM in Room 212 at the Civic Centre.

**8. ADJOURNMENT**

**Moved by Commissioner Vercoouteren and seconded by Commissioner Pinsonneault.**

**"That the Regular meeting be adjourned at 3:50 PM and to move In-Camera."**

**Motion carried**