CITY OF KITCHENER

Old Mill Sanitary Pumping Station
Class Environmental Assessment

INFORMATION PACKAGE

Public Information Centre
Tuesday, March 29, 2016
6:00 P.M. to 8:00 P.M.

at

Conestoga College Doon Campus
299 Doon Valley Drive
Kitchener, Ontario

There is a Comment Sheet at the back of this package. If you wish, please fill it out and deposit it in the designated box provided at this Information Centre. With the exception of personal information, all comments will be included in material made available to the general public.
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1.0 What is the Purpose of this Public Information Centre (PIC)?

The City of Kitchener is undertaking a Class Environmental Assessment study for the Old Mill Sanitary Pumping Station, located at 1810 Old Mill Road in Kitchener. The study will follow the Class EA process (Schedule “B”) as outlined in the Municipal Class Environmental Assessment, June 2000 document.

The first PIC was held on October 29, 2015, at which time the problem statement for the EA Study was identified and a range of alternatives were presented. Materials presented at the first PIC are available for viewing on the City of Kitchener website (www.kitchener.ca). The purpose of this PIC is to present the evaluation of alternatives, identify the preferred solution, and provide opportunity for public and agency review and comment.

2.0 What is a Class Environmental Assessment?

The Class Environmental Assessment (EA) process is a formal process approved under the Ontario Environmental Assessment Act that must be undertaken in advance of any construction improvements to ensure that all reasonable alternatives are considered.

The Class EA provides the framework for municipalities to plan, design and construct municipal infrastructure projects. This project is being planned as a “Schedule B” Class EA project. For additional details regarding the Municipal Class EA process, please refer to Appendix A.
3.0 Who is Directing This Project?

A “Project Team” consisting of staff from various City of Kitchener departments (Engineering, Operations, Environment, Heritage, Parks), Grand River Conservation Authority, and a consultant team headed by MTE Consultants Inc.

4.0 Why are We Undertaking This Project?

The existing Old Mill Sanitary Pumping Station was constructed in 1969 and has been identified by the City of Kitchener as requiring upgrades in order to bring the station into compliance with current City standards and to accommodate future growth. In particular, the existing station has no emergency storage capacity. This has resulted in discharge of sewage to the Grand River in the past.

The purpose of this Class EA Study is to determine the preferred solution to the following Problem Statement:

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PROBLEM STATEMENT

“To improve and bring into compliance with current City of Kitchener and MOECC standards the Old Mill Sanitary Pumping Station (OMSPS) and tributary sewer system as necessary to accommodate future development and to determine the preferred alternative for implementing such improvements while maintaining the objectives of: protection of the environment; minimal disruption to residents and surrounding areas; engaging a broad range of stakeholders; and documenting the study process in compliance with the Municipal Class Environmental Assessment Schedule “B” process.”
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5.0 Where in the Class EA Process Are We?

As identified above, the project is being completed in accordance with the requirements of a Schedule ”B” Municipal Class EA process. The requirements of the second phase of the project (i.e. Phase 2: Alternative Solutions) have been completed and the Project Team has identified the preferred alternative.

The Study will now move to Phase 4: Environmental Study Report. The purpose of the Environmental Study Report (ESR) is to provide a complete account of the planning process followed for the project.
6.0 How Were the Alternative Solutions Evaluated?

The various Alternative Solutions were assessed against a set of evaluation criteria to determine which solution best addresses the upgrade requirements for Old Mill Sanitary Pumping Station. The evaluation criteria included the following:

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<td>1) Natural Environment</td>
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<tr>
<td>How do the alternatives compare with respect to effects on existing vegetation, water quality, wildlife and aquatic habitat, wetlands, terrestrial resources, woodlands, species at risk, groundwater resources?</td>
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<tr>
<td>2) Social Environment</td>
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<tr>
<td>What impacts will the alternative have on the local community (e.g. noise, odour, traffic / parking, recreational facilities, etc.)? What are the anticipated impacts during construction?</td>
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<tr>
<td>3) Heritage/Archaeological/Cultural Environment</td>
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<tr>
<td>What are the potential impacts on the heritage significance of heritage structures or landscapes and the potential disturbance of archaeological resources?</td>
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<tr>
<td>4) City Operations</td>
</tr>
<tr>
<td>How do the alternatives compare with respect to the operation of the pump station (safety, emergency response, maintenance, site access / parking, capacity)?</td>
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<tr>
<td>5) Technical</td>
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<tr>
<td>How do the alternatives compare with respect to technical feasibility? Are there concerns regarding slope stability, flow re-routing, regulatory/agency approval, surface drainage and the impacts to the floodplain, etc.? Does the alternative meet current City design standards?</td>
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<td>6) Economic</td>
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<tr>
<td>How do the alternatives compare with respect to anticipated capital &amp; operating costs?</td>
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7.0 What is the Preferred Alternative?

After all the alternatives were evaluated against the above criteria, Alternative 3 (West) was determined to be the Preferred Alternative by the Project Team.

Alternative 3 (West) involves constructing a new pumping station and emergency storage tank south of Old Mill Road, in the northwest corner of Willow Lake Park. Once the new pumping station is operational, the existing Old Mill pumping station will be decommissioned and removed.
8.0 Why is Alternative 3 (West) the Preferred Alternative?

Many factors were considered when determining the Preferred Alternative. Alternative 3 (West) was seen to have the following benefits:

- Has fewer impacts to environmental features in comparison to other options;
- Minimizes tree removal, especially within the woodland area north of Old Mill Road identified as a Regional Core Environmental Feature;
- Located on a sloped area within an open field section of Willow Lake Park which is used less than the play structure or swing sets;
- Allows for improvements to the existing play structure and trail system within Willow Lake Park;
- Respects and improves culturally significant views of the Grand River and Pioneer Tower from Old Mill Road;
- Provides an opportunity to construct a possible future pedestrian lookout overlooking the river and Pioneer Tower, complete with interpretive signs;
- Provides good, safe access for the City’s Operations staff;
- Meets all the City’s design standards, as well as Ministry of Environment and Climate Change requirements;
- Removed from the erosion and slope stability issues along the Grand River related to development on the north side of Old Mill Road;
- Reduced floodplain impacts in comparison to construction of a pumping station north of Old Mill Road;
- Has a lower relative cost compared to constructing on the north side of Old Mill Road.

9.0 What are the Next Steps in the Project?

The Project Team will consider comments received from today’s Public Information Centre in the design of the Preferred Alternative and an Environmental Study Report which documents the study process will be prepared.

The project will seek council approval and endorsement for the project report to be filed in the public record for a 30 day review period. This filing will be advertised by mail-outs and newspaper notices. If someone feels that the study did not fully address all of the issues, they can request that the Minister of Environment order the Project to a more detailed environmental assessment. The Minister of Environment must receive such requests in writing, with a copy sent to the City’s Director of Engineering. The Minister will determine
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if a more detailed Environmental Assessment is required and the Minister’s decision will be final.

If there are no significant unresolved objections following the 30 day review period, the project will proceed to Phase 5 of the Municipal Class EA process: Implementation. A preliminary design for the preferred alternative will be developed. Following the completion of the preliminary design, the City will invite expressions of interest from engineering consulting firms to complete the final detailed design.

10.0 How Will I Receive Further Notification Regarding This Project?

All property owners within the Study Area and members of the public registering at this Public Consultation Centre will receive any forthcoming additional information. Advertisements will also be placed in local newspapers advising the public of the availability of the final Environmental Study Report for the Old Mill Sanitary Pumping Station Class EA study.

11.0 How Can I Voice My Comments At This Stage?

In order to assist us in addressing any comments or concerns you might have regarding this project, we ask that you please fill out the attached Comment Sheet and leave it in the box provided at the registration table. Alternatively you can mail, fax or e-mail your comments to one of the Project Team members listed below, no later than April 8th, 2016.

We thank you for your involvement and should you have any questions or concerns please contact:

Ms. Linda Cooper, C.E.T.
Manager, Development Engineering
City of Kitchener
200 King Street, 9th Floor
Kitchener, ON N2G 4J3
Telephone: (519) 741-2200 x7974
Fax: (519) 519-741-2230
Email: linda.cooper@kitchener.ca

Mr. Dave Wilhelm, P. Eng.,
Project Manager
MTE Consultants Inc.
520 Bingemans Centre Drive
Kitchener, ON N2B 3X9
Telephone: (519) 743-6500 X1225
Fax: (519) 743-6513
Email: dwilhelm@mte85.com

12.0 How Can I View Project Information Following the PIC?

All of the PIC display materials in addition to other relevant project information, notifications of upcoming meetings and contact information will be available for viewing at the City of Kitchener municipal offices as identified above, or on the City of Kitchener’s website (www.kitchener.ca)
Appendix A

Municipal Class Environmental Assessment Process
MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT PROCESS

ONTARIO ENVIRONMENTAL ASSESSMENT ACT

The purpose of the Ontario Environmental Assessment Act (EA Act) is to provide for “the betterment of the people of the whole or any part of Ontario by providing for the protection, conservation and wise management of the environment in Ontario”. Environment is applied broadly and includes the natural, social, cultural, built and economic components.

The key principles of successful environmental assessment planning include:

- Consultation with stakeholders and affected members of the public;
- Consideration of a reasonable range of alternatives;
- Assessment of the environmental impacts for each alternative;
- Systematic evaluation of alternatives; and
- Clear documentation of the process followed.

MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT (EA)

The Municipal Class EA is a planning process approved under the Environmental Assessment Act that is used by municipalities to plan infrastructure enhancement projects while satisfying the requirements of the Environmental Assessment Act. Under the Class EA process, projects are planned in one of three ways depending on their scope, complexity, and potential for adverse environmental impacts.

Schedule “A” - Includes routine maintenance, operation and emergency activities.
  - The Municipality can proceed with this work without further approval or public consultation.

Schedule “B” - Includes projects with the potential for some adverse environmental effects.
  - These projects are subject to a screening process that includes consultation with directly affected public and agencies.

Schedule “C” - Includes larger, more complex projects with the potential for significant environmental effects.
  - These projects are subject to all phases of the Class EA and require a minimum of 3 points of public contact.
PUBLIC INVOLVEMENT

Members of the public that have a stake in the project are encouraged to provide comment throughout the Class EA process. For Schedule “B” projects there are a minimum of two (2) opportunities for public contact. These typically include a Public Consultation Centre and the Notice of Study Completion. For this study, the Project Team has chosen to hold a second Public Consultation Centre.

Class EA Process for Schedule “B” Projects

Change in Project Status – Appeal Provision

It is recommended that all stakeholders (including the proponent, public and review agencies) work together to determine the preferred means of addressing a problem or opportunity. If you have any concerns, you should discuss them with the proponent and try to resolve them. In the event that there are major issues which cannot be resolved, you may request the Minister of the Environment by order to require a proponent to comply with Part II of the EA Act before proceeding with a proposed undertaking which has been subject to Class EA requirements. This is called a “Part II Order”. The Minister will make one of the following decisions:

1. Deny the request (with or without conditions);
2. Refer the matter to mediation; or
3. Require the proponent to comply with Part II of the EA Act, ordering a full Environmental Assessment.

All stakeholders are urged to try to resolve issues since it is preferable for them to be resolved by the municipality in which a project is located, rather than at the provincial level.

To request a Part II Order, a person must send a written request to:

Minister of the Environment
135 St. Clair Avenue West
12th Floor
Toronto, ON M4V 1P5

The request must address the following with respect to the identified concerns:

- Environmental Impacts and specific concerns;
- Adequacy of the planning and public consultation process;
- Involvement of the person in the planning process; and
- Details of discussions held between the person and the proponent.
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### PHASE 1: PROBLEM OR OPPORTUNITY

1. Identify Problem or Opportunity
2. Discretionary Public Consultation to Review Problem or Opportunity
3. Select Schedule (Appendix 1)
4. Inventory Natural, Social, Economic Environment
5. Identify Impact of Alternative Solutions on the Environment and Mitigating Measures
6. Evaluate Alternative Solutions: Identify Recommended Solutions
7. Consult Review Agencies and Public on Problem or Opportunity and Alternative Solutions
8. Select Preferred Solution
9. Review and Confirm Choice of Schedule

### PHASE 2: ALTERNATIVE SOLUTIONS

- [Diagram showing steps for each phase]

### PHASE 3: ALTERNATIVE DESIGN CONCEPTS FOR PREFERRED SOLUTION

1. Identify Alternative Design Concepts for Preferred Solution
2. Detail Inventory of Natural, Social and Economic Environment
3. Identify Impact of Alternative Designs on Environment and Mitigating Measures
4. Evaluate Alternative Designs: Identify Recommended Design
5. Consult Review Agencies & Previously Interested & Directly Affected Public
6. Select Preferred Design
7. Review Environmental Significance & Choice of Schedule
8. Preliminary Finalization of Preferred Design

### PHASE 4: ENVIRONMENTAL STUDY REPORT

1. Complete Environmental Study Report (ESR) Placed on Public Record
2. Notice of Completion to Review Agencies and Public
3. Copy of Notice of Completion to M.O. EA Branch
4. Opportunity to Request Minister Within 30 Days of Notification to Request an Order

### PHASE 5: IMPLEMENTATION

1. Complete Contract Drawings and Tender Documents
2. Proceed to Construction and Operation
3. Monitor for Environmental Provisions and Commitments

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**Source:** Municipal Class EA Document (2000)
Please complete and hand in this sheet so that your views can be considered for this project. If you cannot complete your comments today, please take this home and mail, fax or e-mail your comments by April 8, 2016 to either:

Mr. Linda Cooper, C.E.T.  Mr. Dave Wilhelm, P. Eng.,
Manager, Development Engineering  Project Manager
City of Kitchener  MTE Consultants
200 King Street, 9th Floor  502 Bingemans Centre Drive
Kitchener, ON N2G 4J3  Kitchener, ON N2B 3X9
Telephone: (519) 741-2200 x7974  Telephone: (519) 743-6500 X1225
Fax: (519) 519-741-2230  Fax: (519) 743-6513
Email: linda.cooper@kitchener.ca  Email: dwilhelm@mte85.com

1. Are there any other Evaluation Criteria that you think should be considered?

________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________

2. For the design of the Preferred Alternative, a number of mitigating factors (or “improvements”) have been identified, such as providing an odour control system. Are there any other “improvements” that you would suggest be included in the design?

________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
3. Do you have any additional suggestions for possible solutions or alternatives to address the problem/needs?

4. Are there any other general comments you have on this project?

Do you wish to be placed on the mailing list for this project? Yes ☐ No ☐

Name: ___________________________________________________________
Address: _________________________________________________________
Postal Code: _______________________________________________________
Phone & email: _____________________________________________________

Thank you for your interest and time.

COLLECTION NOTICE

All comments and information received from individuals, stakeholder groups and agencies regarding these projects and meetings are being collected to assist the City of Kitchener in making a decision. With the exception of personal information, all comments will become part of the public record. Questions regarding the collection should be forwarded to the staff member noted above.