Upper Hidden Valley
Sanitary Pump Station
Class EA

Public Information Centre #2
This meeting is being recorded and will be posted to the project website.

Project Website:

Use the Q&A button to ask a question or let us know about technical difficulties. Questions will be answered after the presentation.
Thank you for participating!

Thank you for participating in the Online Public Information Centre (PIC) for the City of Kitchener’s Class Environmental Assessment (EA) for the Upper Hidden Valley Sanitary Pumping Station.

The Province of Ontario has implemented restrictions on public gatherings to deal with the COVID-19 pandemic. This Public Information Centre is relying on web-based communications.

There is an opportunity at any time during the Class EA process for interested persons to provide written input. Any comments received will be collected under the Environmental Assessment Act and, with the exception of personal information, will become part of the public record.

Comments can be submitted by emailing Katie.Wood@Kitchener.ca and/or Dwilhelm@mte85.com by March 3, 2022.
To support development in the Hidden Valley area, as outlined in the Hidden Valley Land Use Master Plan (June 2019), this study will identify a sanitary servicing solution through location selection and preliminary design of a sanitary pumping station and forcemain.

The preferred solution will be determined by 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 EA Schedule B process.
Class EA Process: Phases

Phase 1: Problem or Opportunity

Phase 2: Alternative Solutions

Phase 3: Alternative Design Concepts for Preferred Solution

Phase 4: Environmental Study Report

Phase 5: Implementation
Schedule

- **January 6, 2021**
  - Notice of Commencement

- **November 4, 2021**
  - Public Information Centre #1

- **February 17, 2022**
  - Public Information Centre #2

- **May 30, 2022**
  - Council Approval and EBR posting

- **Spring 2022**
  - Preliminary Design Complete
Upper Hidden Valley Study Area
Sanitary Pumping Station Location Options
Options 2 and 2a (Location A)
Options 3 and 3a (Location B)
Option 4 (Location C)
### Evaluation Criteria

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Description</th>
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<tbody>
<tr>
<td><strong>Evaluation Criteria</strong></td>
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<tr>
<td><strong>General Description of Alternative</strong></td>
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| **Natural Environment**   | • How do the alternatives compare with respect to effects on vegetation, water quality, wildlife and aquatic habitat, wetlands, terrestrial resources, woodlands, species at risk?  
  • What are the induced impacts of each location? (i.e. How is the environment in other areas affected by change to the environment at this location) e.g. wildlife migration, increased predation.  
  • What is the impact of spills or overflows for each alternative? e.g. proximity to watercourses, wetlands, effect of topography  
  • A culvert will be installed at Hoffstetter Creek and Hidden Valley North Creek as part of River Road extension.  
  • Note: LRT and River Rd Extension construction will alter landscape from current conditions. |
| **Social Environment**    | • What impacts will the alternative have on the local community (e.g. noise, odour, traffic / parking, recreational facilities, trails, etc.)?  
  • What are the anticipated impacts during construction (including forcemain install)?  
  • How will the pumping station contribute/detract from the community aesthetic? |
| **Heritage / Cultural Impacts** | • What are the potential impacts upon the heritage significance of the heritage structures or landscapes and the potential disturbance of archaeological resources as identified in the Stage 1 Archeological Assessment?  
  • What are the potential impacts upon the heritage significance of the heritage structures or landscapes and the potential disturbance of and Cultural Heritage Assessment Report? |
| **City Operations**       | • How do the alternatives compare with respect to the operation of the pump station (safety, emergency response, site access / parking, truck turning and access) |
| **Technical**             | • How do the alternatives compare with respect to technical feasibility of construction and operation?  
  • Are there concerns regarding slope stability of forcemain, flow re-routing*, regulatory / agency approval, groundwater table, surface drainage, location in floodplain, length of forcemain  
  *flow re-routing refers to ability to by-pass pump around the pump station or to pump to tanker trucks in an emergency. |
| **Servicing Potential**   | • How much of the developable lands, in accordance with the City’s Land Use Master Plan can be serviced?  
  • Consider serviceability of lands NOT including 2a, 2b, and 2c in Master Plan.  
  • Consider serviceability of lands INCLUDING 2a, 2b, and 2c in Master Plan. |
| **Costs**                 | • How do the alternatives compare with respect to anticipated capital costs? |
Evaluation of Alternatives

Options

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<tr>
<th></th>
<th>2</th>
<th>2a</th>
<th>3</th>
<th>3a</th>
<th>4</th>
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<tbody>
<tr>
<td></td>
<td>Install SPS at Location A</td>
<td>Install SPS at Location A with part of service area to drain by gravity</td>
<td>Install SPS at Location B</td>
<td>Install SPS at Location B with part of service area to drain by gravity</td>
<td>Install SPS at Location C</td>
</tr>
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</table>

Legend

- **Most Desirable**
- **Least Desirable**

The evaluation team included:
- MTE Consultants Inc.
- City of Kitchener
- Grand River Conservation Authority
- Region of Waterloo

*Note: Option 1 – Do Nothing did not meet the intention of the problem statement. Thus, it was not evaluated.*
Option 2 (Location A)
Options 3 and 3a (Location B)
Option 4 (Location C)
PREFERRED ALTERNATIVE
Option 2a – Location A
Next Steps

- Preparation and submission of Environmental Study Report (ESR) to Ministry of Environment, Conservation, and Parks
- Council meeting for approval of ESR: May 30, 2022
- Preliminary Design: Spring 2022
- Pumping Station Design and Approvals – 2026/27
- Pumping Station Construction – 2027

** This schedule may be revised to align with the timing of Regional infrastructure projects (ION and/or River Road)
Thank you!
We Want to Hear From You!

Please provide comments by filling out the comment form or by contacting the City’s representative or the consultant below:

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Please provide your comments on or before Month X, 2021.

Thank you for your participation in the study.

To receive updates on the project, request that your name/email be added to the mailing list.

Your information into this study is valuable and appreciated.

All information is collected in accordance with the Freedom of Information and Privacy Act.

**Project Website:**  