CLASS ENVIRONMENTAL ASSESSMENT

for

PIERS 5-8, PUMPING STATION FACILITIES

Please complete the sign-in sheet and review display materials. The project team is available to answer your questions and address any concerns.

Your input is valued!
Please fill out a comment sheet.
PIERS 5-8 PUMPING STATION FACILITIES

EXISTING INFRASTRUCTURE (2)
## PIERS 5-8 PUMPING STATION FACILITIES

### EXISTING PUMPING FACILITIES

<table>
<thead>
<tr>
<th>Location of Facility</th>
<th>Operator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Parks Canada Property (Pier 8)</td>
<td>Hamilton Waterfront Trust</td>
</tr>
<tr>
<td>Navy League of Canada Site</td>
<td>Navy League</td>
</tr>
<tr>
<td>Pier 8 (N/E Corner)</td>
<td>Hamilton Port Authority</td>
</tr>
<tr>
<td>Brewers Marine Supply Site</td>
<td>Brewers Marine</td>
</tr>
<tr>
<td>Hamilton Marine Facility</td>
<td>City of Hamilton</td>
</tr>
<tr>
<td>James St. Pier</td>
<td>Hamilton Port Authority</td>
</tr>
<tr>
<td>HPA Marina Office</td>
<td>Hamilton Port Authority</td>
</tr>
<tr>
<td>Royal Hamilton Yatch Club Site</td>
<td>Royal Hamilton Yatch Club</td>
</tr>
<tr>
<td>Pier Washrooms Site</td>
<td>City of Hamilton and Hamilton Port Authority</td>
</tr>
</tbody>
</table>
The City of Hamilton is currently reviewing wastewater infrastructure needs for Piers 5-8 to support both existing and future growth needs of the area. Existing development at Piers 5 to 8 are currently serviced by aged sewage infrastructure which include a number of existing pumping stations or private sanitary servicing with pumped sewage to municipal sewers. The existing municipal pumping station at Pier 8 has operational deficiencies which include:

- No standby power generator to provide a backup power source in the event of power failure
- Adequate capacity to manage existing development sewage flows and/or service future development.
PIERS 5-8 PUMPING STATION FACILITIES

MUNICIPAL CLASS EA PLANNING AND DESIGN PROCESS

OVERVIEW OF THE CLASS ENVIRONMENTAL ASSESSMENT PROCESS

NOTE: This flow chart is to be read in conjunction with the MEA October 2006 (amended in 2007) Municipal Class Environmental Assessment document.
A Class EA study is prepared to consider potential environmental, social, and technical impacts of alternatives to a proposed project. A study will result in the recommendation of one alternative which provides the best overall solution for the community. Input from community residents and agencies is a key component of the study. Information gathered during the study will be shared with residents and agencies in an Environmental Assessment Report which will be available for review by all parties. This Study considers the alternatives for the required pumping station upgrades as well as locations. This is a Schedule B Class EA study. This study will fulfill Phases 1 & 2 of the Municipal Class EA Process.
The EA Study will include a review of the natural environment existing conditions of the study area (Pier 5, 6, 7, &8) including:

- Background review of secondary source information
- Site field investigation of the study area
- Species at Risk screening
- Tree inventory and wildlife habitat assessment
The EA Study will include a review of the archeology potential of the study area (Pier 5, 6, 7 & 8)

Archaeology potential for aboriginal sites is to be assessed by:
- A search of the Ministry of Tourism, Culture and Sport’s Ontario Sites Database (OSD) to identify registered sites within one kilometre of the study area
- Data will be collected from geological, soils, National Topographic Service maps
- A review of aerial photographs

Archaeology potential for Euro-Canadian Pioneer site potential is to be assessed using:
- The Ministry of Tourism, Culture and Sport’s OSD system
- Historic maps including superceded topographical maps, and other mapping
- Primary and secondary historic sources

Site visit to review study area.

Built heritage review.
1. Do nothing
2. Rehabilitate/upgrade the existing pumping stations
3. Provide onsite treatment of collected sewage
4. New pumping stations (or facilities) and forcemains
5. New central pumping station and forcemain
6. Gravity sewers
PIERS 5-8 PUMPING STATION FACILITIES

Natural Environmental Considerations
- Special Concern / Threatened / Endangered Species
- ESAs / ANSIs
- Vegetation
- Greenspace (woodlots, wetlands, trees)
- Aquatic Habitat
- Linkages to other natural areas

Technical Considerations
- Current Pumping Station Function
- Compatibility with Existing Infrastructure System
- Ease of Construction (ie., construction constraints)
- Location / Impacts of Other Utilities
- Noise/Odour
- Permits and Approvals
- Security of Supply

Social and Cultural Environmental Considerations
- Residential Buildings within 100m
- Institutional Buildings within 100m
- Recreation
- Cultural/Heritage Areas within 200m
- Traffic Impacts
- Known Archaeological Features (including First Nations)
- Private Properties Affected
- Visual Landscape Impacts
- Private Access Routes Affected (Driveways)
- Future Planning Policies
- Impact on other Planning Initiatives
- Air Quality

Economic Considerations
- Capital Costs
- Operating and Maintenance Costs (Life Cycle)
- Property Acquisitions
PIERS 5-8 PUMPING STATION FACILITIES

September 2013

- Notice of Study Commencement & Public Information Centre No. 1
  - September 23, 2013
  - Introduce Study
  - Overview of Class EA Process
  - Problem Statement
  - Existing System
  - Alternatives Solutions
  - Next Steps

- Public Information Centre No. 1
  - September 23, 2013

- Notice of Public Information Centre No. 2
  - November 2013

- Public Information Centre No. 2
  - November 2013

- Class Environmental Assessment
  - Piers 5-8 Pumping Station Facilities
    - Prepare Environmental Assessment Report
  - Preferred Alternative Next Steps

- Notice of Completion & Public Review
  - File EA Report for mandatory 30 calendar day public review period

2014

- Detail Design
- Construction
- Commission

Ongoing Input Throughout Process

NEXT STEPS...
We would like to hear from you!
Give us your comments and/or feedback. Your opinion counts!
Please direct any questions to the following person:

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