



Shakespeare Wastewater Project

Fact Sheet

Community Open House - May 27, 2009

- ★ **All information provided is based on current available information. Changes may occur as approvals and details are finalized.**

Project Goal:

- To provide effective wastewater treatment that meets or exceeds provincial standards for the discharge of treated effluent to the natural environment
- To provide a point of connection for all properties within the existing Hamlet boundaries with frontage on an open and maintained road
- To minimize property restoration and road rehabilitation
- To minimize the need for pumping stations
- To remedy existing problems with septic systems
- To minimize construction and operating costs through effective design

Design Principles:

- Conventional gravity-based collection system that services the main and second floors
- Basement wastewater will still need to be pumped using your current system
- Facility is being configured to avoid the need for storage or equalization ponds – thereby eliminating concerns related to odour, safety (no open or exposed tanks/ponds) and standing water issues
- Ensure lateral service connections are deep enough to accommodate a gravity connection to each building

Treatment Facility Location:

Immediately south of the Shakespeare Community Hall in the unused parking lot

Process:

1. Environmental Study Report – approved in 2004 and Azimuth Addendum issued May 22, 2009
2. Detailed Design and Tendering ←where we are today
3. Detailed Approvals
 - Ministry of Environment (MOE) Certification of Approval for Collection System
 - MOE Certification of Approval for Sewage Treatment Plan
4. Construction Begins

Next Steps:

- Pre-qualification packages submitted by manufacturers May 29, 2009
- Final Design June 2009
- Submission of MOE Applications August 2009
- Construction August – December 2009

Implementation:

- All properties within Shakespeare which have septic systems older than 10 years, including those serviced by holding tanks are required to connect
- All properties with septic systems in good working order and less than 10 years old can continue to utilize the system until it reaches 10 years of age
- Sewer to be located within road allowance, where possible outside of traveled roadway
- Sewers along and crossing Huron Road to be installed using trenchless technology (directional drilling)

Who Pays for What?

| | | |
|--|----------------------|---------------|
| Estimated Total Project Costs | | \$6.5 million |
| Building Canada Funding Program (Federal & Provincial) | \$3.75 million (56%) | |
| Investing in Ontario Program (Township allocated) | \$938,000 (14%) | |
| Property Owners | \$1.81 million (30%) | |

Total project cost per property is approximately \$21,600. This is reduced to **\$6500 per connection** for the property owner after applying the funding.

Payment Options:

Capital Costs:

- Capital Costs will become due for each property upon completion of construction of the collection and treatment systems

Property owners can pay the connection fee in full through their own financing arrangements

- Property owners can utilize the Township's financing option – repay over 10 years (approximately \$130 bi-monthly)

Operating Costs:

- Allocated on a flat rate basis calculated by dividing the total annual operating costs by the total number of connections. The annual operating costs per connection is estimated to be approximately \$300 per year or \$50 bi-monthly (adjustments for multi-res & large users)

Connection Costs:

| | |
|---|------------------------|
| - Sewer line lateral to the property line | Township of Perth East |
| - Connection points installed at property line | Township of Perth East |
| - Service connection from property line to the building | Property Owner |
| - Septic Decommissioning | Property Owner |

Property Owner Costs & Responsibilities

Project charges will be based on a per connection basis.

This same fee will apply to each property regardless of lot size or configuration.

Property owners are responsible for scheduling and coordinating their connection. The work must be in compliance with all applicable codes, bylaws and legislation.

Townships Obligations

To minimize restoration by selecting the appropriate connection location in consultation with the property owner.

To notify property owners when connection points will be installed to help minimize excavation costs.

Building Department is required to inspect all connections and plumbing modifications.

Will waive the initial required inspection fee of \$75.00.

Building and Planning Requirements

- During the construction period, if a new or replacement septic system is required, the Township will authorize the use of a holding tank as a temporary solution at the property owners cost.
- No new, repaired or replacement septic systems once Municipal System is operational
- Once connected, cannot disconnect
- No shared or dual connections
- No storm water connections
- No sump pumps or eaves-troughs to be connected

Contact Information

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