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**To:** [Norio, Ann-Marie](#); [Trennum, Matthew](#)  
**Subject:** FW: Online Form - Request to Speak at a Standing Committee or Regional Council  
**Date:** Thursday, September 02, 2021 12:03:40 PM

**From:** Niagara Region Website  
**Sent:** Thursday, 02 September 2021 12:03:36 (UTC-05:00) Eastern Time (US & Canada)  
**To:** Clerks  
**Subject:** Online Form - Request to Speak at a Standing Committee or Regional Council

## Request to Speak at a Standing Committee or Regional Council

To reply, copy the email address from below and put into 'To'. (if resident entered their email address)

Name

Peter Inman

Address

[REDACTED]

City

Welland

Postal

[REDACTED]

Phone

[REDACTED]

Email

[REDACTED]

Organization

standing committee

Committee of the Whole

Presentation Topic

South Niagara Falls Wastewater Plant

Presentation includes slides

Yes

Previously presented topic

No

Presentation Details

Over \$500 Million will be spent by Niagara Region to provide servicing to the new hospital that cannot be built until servicing is complete. The alternative proposed is that Niagara Region establish a strategic partnership with Niagara Health to modernize and rebuild hospitals in each community where infrastructure already exists. This will be less costly, more effective, and enable badly needed hospital modernization to occur.

Video Consent

Yes



# A New Approach to South Niagara Infrastructure

COTW-C 5-2021

Presentation by:

Peter Inman, P. Eng., MBA, CEM

to

Committee of the Whole

September 9, 2012

# Introduction

Peter Inman, P. Eng., MBA, CEM

- Business professional with background in power production, electricity distribution, energy efficiency
- Facility asset management, capital project planning, energy efficiency
- Reputation for finding lower cost solutions that are more effective
- Very familiar with Region's infrastructure – led energy efficiency initiatives at most Regional facilities
- Niagara resident with no affiliation to any group or organization
- Intend to 'Paint a Picture' of a comprehensive approach that will save money & inspire leaders to collaborate and take action
- Thank you in advance for your thoughtful attention

# Overall Objectives

Recent WWT plant cost increases to \$400 Million triggers the need for a new approach that will:

1. Save Money and be Affordable
2. Be more effective and benefit all Niagara residents
3. Be faster in achieving the results we desire

# Current Situation

- The need for a new WWT Plant is driven in large part by the proposed Niagara South Hospital.
- At 1.2 Million sq.ft., it will be 40% larger than St Catharines site
- The Hospital is a major consumer of electricity, water, wastewater, natural gas, etc.
- Located in a rural site, it will be expensive to service: - trunk lines, road widening, etc.
- Cost of infrastructure is unaffordable (\$500 M+)
- Infrastructure Construction will take time (2027)
- Hospital Construction must wait until infrastructure is available
- Hospital in-service date will likely be delayed to 2030+

# Summary of Infrastructure Costs

• Wastewater Treatment Plant	\$400 M
• Water Tower	\$ 35 M
• Electrical Supply (NPEI)	\$ 32 M
• Natural Gas (Enbridge)	\$ ?
• Stormwater Management	\$ ?
• Fire Protection	\$ ?
• Road Widening	\$ ?
• Hi Bandwidth Internet	\$ ?
• Municipal Transit & Paratrans Expansion	\$ ?
<b>TOTAL ESTIMATED</b>	<b>\$ 500 M +</b>

# Social & Environmental Costs

## Environmental - Climate Change Disaster !

- Loss of productive farmland – WWT plant & NHS site
- Destruction of woodlots
- Stormwater Management – 1000+ car parking lot
- Increased transportation fuel emissions
- Promotes suburban sprawl; weakens urban areas

## Social

- Lack of Community Support for NS Site (Pollara Report)
- Emergency health care delays getting to hospital
- Transportation barriers for patients and visitors
- Accessibility issues for vulnerable groups

# Observations

- None of the \$500 M infrastructure improves health care in Niagara
- The WWT Plant, Water Tower, Road Widening & other infrastructure is not needed if the hospital is not built at this location
- Infrastructure is already in place at existing NHS sites: Niagara Falls, Welland, Pt Colborne, Ft Erie
- Revitalization and modernization at existing NHS sites could start without delay if plans were in place

# Proposed Solution

- Convince NHS to not build the proposed Niagara South Hospital in its current location
- Distribute the Niagara South Hospital facility to rehabilitate existing sites as follows:
  - Niagara Falls - 40%
  - Welland - 40%
  - Pt Colborne - 10%
  - Ft Erie - 10%
- This approach will modernize these hospital facilities and utilize existing infrastructure
- At least \$400 Million in Infrastructure costs will be avoided

# Conclusions

- The Niagara South Hospital is a bad idea as it did not consider total costs
- The WWT Plant and other infrastructure is not needed if the Niagara South Hospital is not built
- NHS would support revitalization at 4 sites as it provides a complete solution, aligns with their principles of accessibility and patient care, will be supported by the communities they serve
- Niagara Region has skilled project managers that can enable NHS develop rehabilitation plans at each site
- There is a Potential to save \$400+ Million and expedite modernized hospital facilities across the Region

**Do You have the Courage to Change Course to Achieve these Objectives ?**

# Proposed Action Plan

1. Direct staff to determine what infrastructure is required if the Niagara South Hospital is not built, and calculate the cost savings.
2. Regional Chair and CAO to meet with Niagara Health System leadership: Propose upgrading existing hospital sites over building Niagara South hospital saving \$400+ Million infrastructure costs.

# Proposed Action Plan

3. Establish a **Strategic Partnership** (Region & NHS) to:

- Fast-track hospital rehabilitation plans at each existing site
- Niagara Region to provide Project Management staff to develop plans in collaboration with NHS staff
- Establish a Master Plan, Schedule and Cost for Hospital Modernization
- Present the Master Plan to Minister of Health for funding

# A New Approach to South Niagara Infrastructure

Thank you for your time and attention !

Questions ?

Peter Inman, P. Eng., MBA, CEM