



Town of
East Gwillimbury

Fernando Lamanna, B.A., Dipl. M. M., CMO

Municipal Clerk
Corporate Services
Tel: 905-478-3821 Fax: 905-478-2808
flamanna@eastgwillimbury.ca

May 24, 2016

D. Kelly
Regional Municipality of York
17250 Yonge Street
Newmarket, ON
L3Y 6Z1



Dear D. Kelly:

RE: Holland Landing Lagoons

For your information and records, at its regular meeting held on Tuesday, May 17, 2016 the Council of the Town of East Gwillimbury enacted as follows:

BE IT RESOLVED THAT the Joint Community Infrastructure & Environmental Services and Development Services Report CIES2016-031 dated May 3, 2016, Holland Landing Lagoons, be received as amended; and

THAT Council consider adopting the proposed resolution, attached as Attachment #1 to this report as a separate motion; and

THAT Council direct staff to forward a copy of the approved resolution to the Region and the Ministry of the Environment and Climate Change.

If you have any further questions feel free to contact the undersigned.

Yours truly,



Fernando Lamanna, B.A., Dipl. M. M., CMO
Municipal Clerk

Enclosure: Joint Community Infrastructure & Environmental Services and Development Services Report CIES2016-031

CC: Ministry of the Environment and Climate Change



Town of
East Gwillimbury

**JOINT COMMUNITY INFRASTRUCTURE &
ENVIRONMENTAL SERVICES AND DEVELOPMENT
SERVICES REPORT CIES-2016-031**

To: Committee of the Whole Council

Date: May 3, 2016

Subject: Holland Landing Lagoons
Chronology & Status Update

Origin: Community Infrastructure & Environmental Services & Development
Services

RECOMMENDATIONS

1. **THAT** the Joint Community Infrastructure & Environmental Services and Development Services Report CIES-2016-031 dated May 3, 2016, Holland Landing Lagoons be received; and
2. **THAT** Council consider adopting the proposed resolution, attached as Attachment #1 to this report as a separate motion; and
3. **THAT** Council direct staff to forward a copy of the approved resolution to the Region and the Ministry of the Environment and Climate Change; and
4. **THAT** the recommendations of this report be ratified at the Council meeting to be held on May 3, 2016.

PURPOSE

The purpose of this report is to respond to Council's direction from their meeting on April 5, 2016, to provide a history of the Holland Landing Lagoons servicing the community of Holland Landing along with a draft resolution for consideration by Council.

BACKGROUND

The Town of East Gwillimbury owns and operates a wastewater collection system in the Community of Holland Landing consisting of gravity sewers, pumping stations and forcemains.

The effluent collected by the Town is then treated by York Region prior to discharge. The method of effluent treatment is by way of the Holland Landing Sewage Treatment Plant and Lagoon System operating under the Ministry of the Environment and Climate Change (MOECC) Environmental Compliance Approval # 8589-8CYVBL.

These sanitary systems are used exclusively for the Community of Holland Landing and have been in operation for approximately 40 years.

ANALYSIS

Since the inception of the wastewater collection and treatment systems various Official Planning Amendments, an Environmental Assessment and an Individual Environmental Assessment (IEA) have taken place.

Below are chronological milestone events, approvals and studies completed:

- York Region contracted the construction of Holland Landing Sewage Treatment Facility to Gore & Storrie Ltd. in September 1974. The Ministry of the Environment issued Approval 3-0006-75-006, on June 3, 1975 for the facility consisting of a four-celled 14.6 ha seasonal retention waste stabilization pond with seasonal discharge to the Holland River. This wastewater treatment facility was designed to service a population of 4148.
- Official Plan Amendment 60 (Holland Landing Community Plan) was approved by the OMB in June 1996. OPA #60 required a municipal sanitary sewage treatment system to accommodate new development within the Community. Council sought the elimination of the lagoons in favour of a sewage treatment plant or connection to the York-Durham Sewage System (YDSS).
- Official Plan Amendment 89 (Queensville Community Plan) was approved by the OMB in June 1998 and stated that, the provision of sewage servicing infrastructure to the Community of Queensville shall be coordinated with the provision of servicing of the Community of Holland Landing to the satisfaction of York Region. Expansion of the system to include Queensville necessitated the need for an Environmental Assessment.
- York Region undertook a number of Class EA's for the YDSS expansion to support planned growth in York Region including the communities of Queensville, Holland Landing and Sharon.

- On May 19, 2005 York Region, report No. 5 of the Transportation and Works Committee Meeting noted that in terms of Regional priorities for growth, the existing sewage lagoons in Holland Landing were nearing the end of their lifecycle and would need to be decommissioned as a priority.
- Town Council provided a resolution to York Region on September 19, 2005 with respect to the need to maintain an adequate reserve capacity (4,300 persons equivalent) in the YDSS to address the requirement for decommissioning the existing Holland Landing Sewage Treatment Plant and lagoon system.
- York Region provided a Notice of Commencement for the Individual Environmental Assessment (IEA) for UYSS in 2009 and the MOECC approved terms of reference for the IEA in March 2010.
- The Consolidated Official Plan was adopted by Council in June 2010. The Official Plan included a policy which stated, “The Town shall work with the Region to decommission the Holland Landing lagoon system for sewage treatment as an essential first phase of servicing for the Town.” This policy was intended to represent Council’s position that the Holland Landing sewage lagoons should be decommissioned as part of the first phase of future servicing within the Town. The YDSS was sized to accommodate sewage that went into lagoons and the decommissioning of the lagoons was included in the YDSS extension Environmental Assessment (EA). To reflect that the Region was in the IEA process for the UYSS, the Region proposed replacing this policy with “If the Upper York Sewage Solutions (UYSS) Environmental Assessment confirms the permanent decommissioning of the Holland Landing lagoon system the Town shall work with the Region of York to decommission the Holland Landing lagoons.” Modifications to this policy wording were the subject of considerable discussion and Council deliberations. The wording of this policy has not received final approval.
- July 25, 2014 York Region submitted the Upper York Sewage Solutions Individual Environmental Assessment (IEA) to the Minister. The IEA proposes the need to construct the Water Reclamation Centre (WRC) in Queensville however the commissioning of the WRC requires that the

Environmental Compliance Approval for the Holland Landing Sewage Treatment Plant and Lagoon be transferred to the WRC. This approval transfer ensures that the Holland Landing lagoons will be decommissioned once the WRC is commissioned.

- On January 14, 2016 the MOECC provided formal comments on the UYSS IEA. The Ministry concluded that the IEA was prepared in accordance with the approved amended Terms of Reference and contains sufficient information to assess the potential environmental effects of the proponent's undertaking. The Holland Landing Water Pollution Control Plant is to be decommissioned by York Region following the implementation of the WRC, as the lagoons will no longer be required for sewage servicing. It is noted that the lagoons will be converted to habitat- providing wetlands.

A draft resolution has been prepared and appended as Attachment #1 summarizing the key milestones and proposed next steps. Once approved by Council it is further proposed that the approved resolution be forwarded to York Region and the MOECC.

NEED FOR PUBLIC CONSULTATION

None

FINANCIAL IMPLICATIONS

There are no financial implications associated with this report

CONFORMITY WITH STRATEGIC PLAN

The recommendations of this report align with the following Strategic Pillar(s):

- #1 Providing quality, affordable programs and services for a safe, accessible and livable community
- #2. Building a complete community that provides healthy places to live, work, play and learn
- #3. A high performance municipal organization committed to service and excellence

CONCLUSION

The Holland Landing Sewage Treatment Plant and Lagoon System has serviced the sanitary effluent needs of the community of Holland Landing for approximately 40 years. An IEA is currently underway which proposes to construct a new Water Reclamation Centre in north Queensville which will provide additional capacity for growth and replace the current lagoon facility.

Sufficient capacity has been reserved in the YDSS to accommodate the flow from the Lagoon and a connection to the YDSS may be available in 2016.

The resolution outlined in Attachment #1 is proposed to be forwarded to York Region and the Ministry of the Environment and Climate Change.

Prepared By,

Original Signed By

Larry B. Hollett, C.E.T.,
Director of Operations

Approved and Recommended By,

Original Signed By

Mike Molinari, P.Eng.,
General Manager

Approved and Recommended By,

Original Signed By

Carolyn A. Kellington, MCIP, RPP,
General Manager

Approved for Submission,

Original Signed By

Thomas R. Webster
Chief Administrative Officer

ATTACHMENT #1

East Gwillimbury Council Resolution

May 3, 2016

WHEREAS sanitary services in the community of Holland Landing are currently dependent upon wastewater effluent being treated by York Region at its Holland Landing Sewage Treatment Plant and lagoon system; and

WHEREAS the Holland Landing Sewage Treatment Plant and lagoon system was constructed in 1974 and is being operated in accordance with the Ministry of the Environment and Climate Change approval 8589-8CYVBL; and

WHEREAS the Town of East Gwillimbury Official Plan Amendment #60 (Holland Landing Community Plan), approved by the Ontario Municipal Board (OMB) in June 1996, identified that servicing for the proposed growth should not include additional waste stabilization ponds (lagoons) but rather should be based on a sewage treatment plant or connection to the York Durham Sewage System (YDSS) with the elimination of the lagoons; and

WHEREAS the Town of East Gwillimbury Official Plan Amendment #89 (Queensville Community Plan), approved by the OMB in June 1998, required the coordination of Queensville servicing with the Holland Landing servicing to the satisfaction of York Region; and

WHEREAS York Region undertook a number of Class EA for the YDSS expansion to support planned growth in York Region including the communities of Queensville, Holland Landing and Sharon; and

WHEREAS York Region report No. 5 of the Transportation and Works Committee Meeting dated May 19, 2005 noted that in terms of Regional priorities for growth, the existing sewage lagoons in Holland Landing were nearing the end of their lifecycle and would need to be decommissioned as a priority; and

WHEREAS Town Council provided a resolution to York Region on September 19, 2005 with respect to the need to reserve capacity of approximately 4,300 persons equivalent in the YDSS to address the requirement for decommissioning the existing Holland Landing Sewage Treatment Plant and lagoon system; and

WHEREAS York Region provided a Notice of Commencement for the Individual Environmental Assessment (IEA) for the Upper York Sewage Solution (UYSS) in 2009 and the Ministry of the Environment and Climate Change (MOECC) approved terms of reference for the IEA in March 2010; and

WHEREAS the Town's Consolidated Official Plan, adopted by Council in June 2010, included Policy 7.3.1.2 which stated, "The Town shall work with the Region to

decommission the Holland Landing lagoon system for sewage treatment as an essential first phase of servicing for the Town”; and

WHEREAS on July 25, 2014 York Region submitted the IEA to the Minister for the UYSS which identified the need to construct the proposed Water Reclamation Centre (WRC) in the Queensville area; and

WHEREAS York Region has advised that the Environmental Compliance Approval for the Holland Landing Sewage Treatment Plant and Lagoon System is to be transferred to the WRC, once constructed; and

WHEREAS comments from MOECC also indicated that the Holland Landing Sewage Treatment Plant is to be decommissioned by York Region following the implementation of the WRC, as the lagoons will no longer be required for sewage servicing; and

WHEREAS York Region is operating, monitoring and maintaining the Holland Landing Sewage Lagoons in accordance with the Environmental Compliance Approval and the Occupational Health and Safety Act providing for the safety framework for employees and the public;

BE IT RESOLVED THAT the MOECC be requested to transfer the Environmental Compliance Approval for the Holland Landing Sewage Treatment Plant and Lagoon System to the Water Reclamation Centre of the Upper York Sewage Solutions; and

THAT the Region use the capacity in the YDSS that was reserved for the flows from the Holland Landing Sewage Treatment Plant and Lagoon System to facilitate the decommissioning of the Holland Landing Lagoons; and

THAT the decommissioning of the Holland Landing Lagoons coincide with the commissioning of the 2nd Concession Sanitary Linear Works currently nearing completion; and

THAT should the MOECC approval not be transferred and the lagoons not be decommissioned with the 2nd Concession Linear Works, and should the Region decide to allocate the Lagoon reserve capacity in the YDSS, the Region is hereby requested to allocate the capacity in the YDSS reserved for the Holland Landing Lagoons exclusively to the Town of East Gwillimbury; and

THAT Council direct staff to forward a copy of this resolution to York Region and the MOECC.