

COMMITTEE OF THE WHOLE – AUGUST 19, 2002

REGIONAL JURISDICTION PINE VALLEY WASTEWATER PUMPING STATION AND FORCEMAIN ISLINGTON AVENUE TRUNK SANITARY SEWER EXTENSION

Recommendation

The Commissioner of Engineering and Public Works, in consultation with the Director of Reserves and Investments, recommends that Council pass the following resolutions:

“ NOW THEREFORE BE IT RESOLVED that the Council of the City of Vaughan requests the Region of York to assume the responsibility for the proposed Pine Valley Wastewater Pumping Station and the associated sewage forcemain on Pine Valley Drive and Langstaff Road, and that these sewage works be included in the Regional Development Charge By-law; and that the City be reimbursed for any costs on the projects it has incurred or committed to as at the date of assumption by the Region.”; and

“ NOW THEREFORE BE IT RESOLVED that the Council of the City of Vaughan requests the Region of York to extend the proposed Regional sanitary trunk sewer on Islington Avenue from Willis Road to Langstaff Road to provide the necessary outlet for the Pine Valley Wastewater Pumping Station, and that this trunk sewer extension be included in the Regional Development Charge By-law and constructed in conjunction with the Islington Avenue road reconstruction works scheduled for fall of 2002. “

Purpose

This report recommends that Council pass resolutions requesting the Region of York to assume the responsibility for the proposed Pine Valley Wastewater Pumping Station and the associated sewage forcemain on Pine Valley Drive and Langstaff Road, and to extend the proposed Regional trunk sewer on Islington Avenue from Willis Road to Langstaff Road.

Background - Analysis and Options

Vaughan has recently completed a Class Environmental Assessment study for the planned expansion of the Pine Valley Wastewater Pumping Station and diversion sewer. These sewerage works are required to provide sanitary servicing for the west side of Vellore Urban Village One. The Class EA concluded that a new station should be constructed on a site located west of Pine Valley Drive just north of the existing TRCA access road (known as Don Eddy Road) within the Boyd Conservation Area as generally shown on Attachment 1. The preferred route for the diversion sewer would extend from the pumping station southerly along Pine Valley Drive to Langstaff Road, then westerly on Langstaff Road to Islington Avenue where it would outlet to the extension of the proposed Regional Sanitary Trunk Sewer on Islington Avenue. The new pumping station and diversion sewer will ultimately service a population of about 18,000 and cost an estimated \$5.0 million to design and construct.

In August 1999, the Region adopted a policy that defines the criteria whereby a new trunk sanitary sewer within the York/Durham Sewer System (YDSS) service area would be considered a Regional facility and included in the appropriate Regional financial forecasts. The criteria set out that any proposed trunk sanitary sewer within the YDSS that has a minimum diameter of 450mm, a minimum length of one kilometer, and provide servicing to a minimum population of 10,000 and, preferably, has no service connections along its length would be considered Regional infrastructure.

Given that the Pine Valley Wastewater Pumping Station will ultimately service a population of about 18,000, and is a logical extension of an existing Regional trunk system, it is recommended that Council pass a resolution requesting the Region assume responsibility for this pumping station/forcemain project.

Once assumed, the Region would be requested to reimburse the City for any expenses that the City has incurred to-date in connection with the undertaking of the Class EA for this project.

The City of Vaughan intends to include the project as a Special Area Development Charge in the next update of the City's Development Charge By-law. When the Region has assumed the project and included the costs for the project in its Development Charge, the City will remove the project from its Special Area Development Charge.

Islington Avenue Sanitary Trunk Sewer - Extension

In November 1999, the Region assumed the responsibility for the construction of the Islington Avenue Sanitary Trunk Sewer from the City including the extension of the trunk sewer between Woodbridge Avenue and Willis Road to provide an outlet for the future expansion of the Pine Valley Wastewater Pumping Station. The northern limit of this trunk sewer (Willis Road) was established based on preliminary information that suggested the alignment of the outlet sewer from the pumping station would follow Pine Valley Drive and Willis Road. However, the recently completed Class EA for the Pine Valley Wastewater Pumping Station concluded that the preferred alignment for the outlet sewer is along Langstaff Road and not Willis Road as originally anticipated. As a consequence, it will be necessary to extend the Islington Avenue Trunk Sewer northerly to Langstaff Road. Following standard practice, a formal resolution of Vaughan Council is required to request the Region to extend the Regional trunk sanitary sewer on Islington Avenue from Willis Road to Langstaff Road.

The Region has included the construction of this trunk sewer extension with the Islington Avenue road reconstruction works, which is schedule to commence this fall. It is staff's understanding that the Vellore Village Developers Group - Block 39 will be providing the Region with the necessary financial commitments to up-front the cost of extending the Islington trunk sewer from Willis Road to Langstaff Road.

Conclusion

The proposed Pine Valley Wastewater Pumping Station and associated sewage forcemain fit the criteria that defines Regional infrastructure. Accordingly, it is recommended that Vaughan Council pass a resolution requesting the Region of York to assume the responsibility for this sewerage projects, and include it in their next update of the Regional Development Charge By-law. In addition, it is recommended that Vaughan Council pass a resolution requesting the Region of York to extend the proposed Regional sanitary trunk sewer on Islington Avenue from Willis Road to Langstaff Road to provide the necessary outlet for the Pine Valley Wastewater Pumping Station

Attachments

1. Location Map

Report prepared by

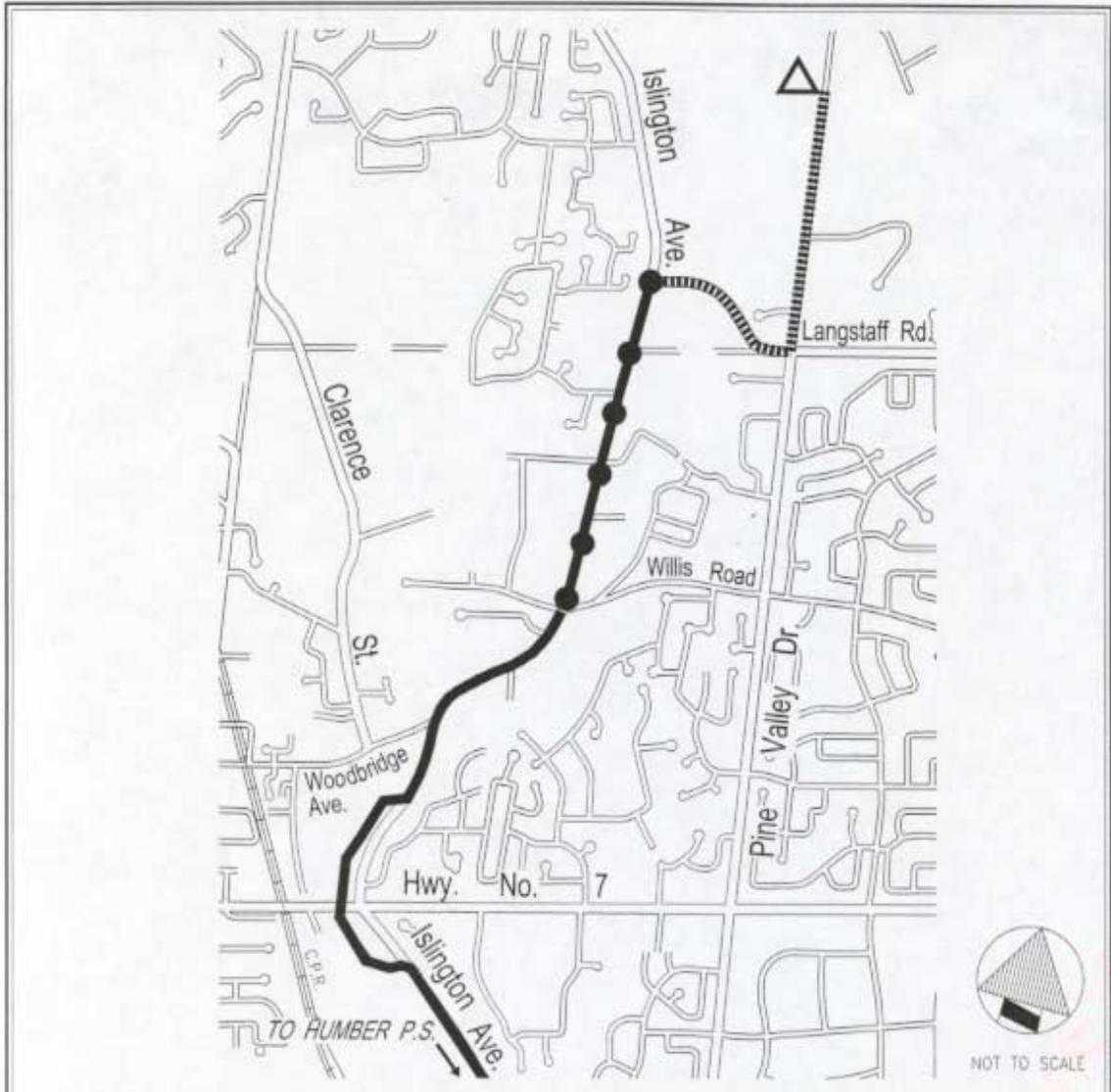
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Respectfully submitted,

Bill Robinson, P. Eng.
Commissioner of Engineering and Public Works

ADP/fc

ATTACHMENT No. 1



REGIONAL JURISDICTION PINE VALLEY WASTEWATER PUMPING STATION AND FORCEMAIN AND ISLINGTON AVENUE TRUNK SANITARY SEWER EXTENSION

LEGEND

-  REGIONAL TRUNK SANITARY SEWER
-  PROPOSED TRUNK SANITARY SEWER EXTENSION
-  PROPOSED SANITARY FORCEMAIN
-  PROPOSED PINE VALLEY WASTEWATER PUMPING STATION

CITY OF WINDHAM - ENGINEERING DEPARTMENT

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