

Our File/N/Réf. **50 14-93-0021-V**
Your File/V/Réf.

DATE 11 June 1999

TO/DEST. The Chair and Members of Council

FROM/EXP. Director Engineering Division
 Environment and Transportation Department

SUBJECT/OBJET **LEACHATE MANAGEMENT**
 WEST RIDEAU SEWER

On 09 March 1999, a report was tabled at Planning and Environment Committee with a recommendation to authorize the Environment and Transportation Department to undertake a Pipeline Route Selection process for the eventual disposal of the leachate and the contaminated groundwater from the Trail Road and Nepean Landfill sites into the central sewer system. This recommendation was subsequently carried by Council. In that report, phase one of the route selection process was to look at a route on the south side of the Jock River that would discharge into an extension of the future West Rideau Sewer extension (see attached map).

Staff from the Environment and Transportation Department as well as the Planning and Development Approvals Department have met with the City of Nepean staff as well as a Developer who is developing lands south of the Jock River through which eventually the West Rideau Sewer will traverse. The intention was to determine whether the timing of these events could provide an opportunity and a routing for leachate and contaminated groundwater disposal.

Servicing of this development has been proposed by the developer on an interim basis with a pump station discharging into the central system and thus the possibility of an extension of the West Rideau Sewer could be considered beneficial if it met the developer's needs as well as the Corporation's needs.

Presently, the West Rideau Sewer is shown in the Capital Budget Forecast for extension to south of the Jock River in the year 2006. The West Rideau Sewer extension has undergone an Environmental Assessment through the Master Plan process. The timing for this facility however is dependant on development needs and will be based on 'just in time' philosophy.

Information Previously Distributed
To be listed on Planning and Environment
Committee Agenda of 13 July 1999

The City of Nepean have indicated that they have adequate sanitary sewer outlet capacity for their present development needs in South Nepean and they are not prepared to provide a financial incentive for advancement of the West Rideau Sewer at this time.

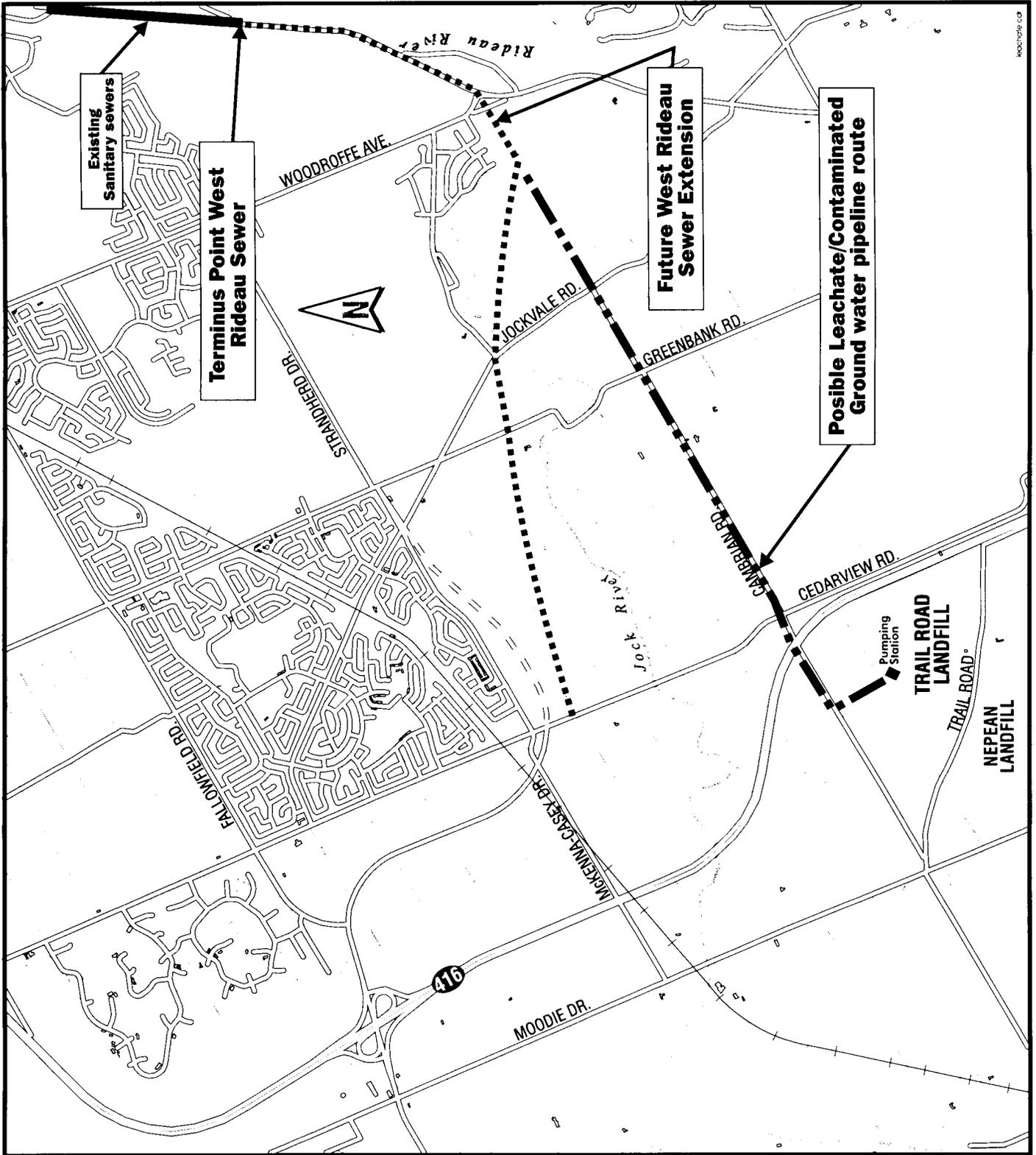
Consideration was given by the Developer, through an early servicing agreement to advance the works or a portion of the works to assist in this routing as a feasible option. Whereas a detailed review of costing was not carried out, the preliminary assessment of the construction costs for the West Rideau Sewer from its present terminus point to the south side of the Jock River, is estimated in the \$4-6M range. Also, an assessment of potential cost savings resulting from the reduced length of a forcemain from Trail Road to tie into the extension of the West Rideau Sewer has been considered.

The consensus of all parties was that the timing of events and the number of details to be assessed did not at this time present a business case for advancement of the West Rideau Sewer as a conduit for disposal of contaminated groundwater and leachate.

*Approved by
J. Miller, P.Eng.*

JM/ln

Attach. (1)



Existing Sanitary sewers

Terminus Point West Rideoan Sewer

Future West Rideoan Sewer Extension

Possible Leachate/Contaminated Ground water pipeline route

