

**4. APPROVAL TO RECEIVE WASTE DISPOSAL SITE LEACHATE  
FROM THE CANADIAN WASTE LANDFILL SITE**

**COMMITTEE RECOMMENDATION**

**That Council approve, pursuant to section 5.2.2(9) of the *Regional Regulatory Code*, the receipt of waste disposal site leachate from the Canadian Waste Landfill Site located on Carp Road in the Township of West Carleton into the regional wastewater collection system in accordance with the conditions and fee structure set out in this report, subject to the granting of a municipal franchise to Canadian Waste Services Inc. by Regional Council.**

**DOCUMENTATION**

1. Director, Water Environment Protection Division, Environment and Transportation Department report dated 01 Sept 99 is immediately attached.
2. An Extract of Draft Minute, 14 Sept 99, follows the report and includes a record of the vote.

REGION OTTAWA CARLETON  
 RÉGION D'OTTAWA CARLETON

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REPORT  
RAPPORT

Our Files/N/Réf.                    **50 05-99-0929-CC, 50 40-93-0019-IW, 50 15-94-0084-T**  
 Your File/V/Réf.

DATE                                    01 September 1999

TO/DEST.                            Co-ordinator  
     Planning and Environment Committee

FROM/EXP.                          Director, Water Environment Protection Division  
     Environment and Transportation Department

SUBJECT/OBJET                    **APPROVAL TO RECEIVE WASTE DISPOSAL SITE  
 LEACHATE FROM THE CANADIAN WASTE LANDFILL SITE**

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### **DEPARTMENTAL RECOMMENDATION**

**That the Planning and Environment Committee recommend that Council approve, pursuant to section 5.2.2(9) of the *Regional Regulatory Code*, the receipt of waste disposal site leachate from the Canadian Waste Landfill Site located on Carp Road in the Township of West Carleton into the regional wastewater collection system in accordance with the conditions and fee structure set out in this report, subject to the granting of a municipal franchise to Canadian Waste Services Inc. by Regional Council.**

### **BACKGROUND**

Canadian Waste Services Inc. ("Canadian Waste") operates a landfill site located on Carp Road in the Township of West Carleton. The Ministry of the Environment requires Canadian Waste, as part of their Certificate of Approval for the landfill operations, to develop a leachate management system which must include the treatment of leachate.

In 1997, Regional Council approved the receipt of leachate from Canadian Waste at the Robert O. Pickard Environmental Centre. At that time it had also been indicated that Canadian Waste was considering the potential for constructing in the future a sewer pipe for direct discharge of their leachate into the sewer system.

### **DISCUSSION**

Since 1997, Canadian Waste has pursued the alternative of direct discharge into the sewer system and has conducted public consultation for that initiative. Canadian Waste has also entered into negotiations with Regional staff regarding a franchise agreement for the construction of a leachate pipe. The franchise agreement is subject to a separate report to the Planning and Environment

Committee. Canadian Waste is now requesting approval to discharge leachate into the wastewater collection system.

The Robert O. Pickard Environmental Centre has been receiving leachate from the Canadian Waste landfill site since 1997. The Environment and Transportation Department is in the process of finalizing the details and conditions to allow receipt of Canadian Waste's leachate into the wastewater collection system. The conditions specifically address the term of the agreement, the maximum discharge volume, compensation according to the fees set out in this report, monitoring requirements, and discharge criteria.

### CONDITIONS

It is recommended that the conditions for the receipt of Canadian Waste leachate to the wastewater collection system address such issues as:

1. The term of the agreement will be for one year, automatically renewable on an annual basis unless otherwise terminated.
2. The volume of leachate to be discharged cannot exceed specific maximum daily and instantaneous flow rates.
3. The cost of the analytical requirements initiated by the Region for monitoring and characterization activities associated with the wastewater treatment plant or the wastewater collection system as a result of leachate being discharged will be borne by the parties discharging leachate as appropriate.
4. Canadian Waste will supply to the Region all data and records necessary to determine the quality and quantity of the leachate being discharged.
5. The compensation will include a fee for the water from a source separate from the Region's distribution system and, where applicable, a fee for treatable parameters identified in Schedule C of Part 5.2 of the *Regional Regulatory Code*. It is anticipated that compensation will generally be calculated based on the fee for water from a separate source, as the treatable parameters will normally be in compliance.
6. The Region will set the maximum concentration and loading for the parameters identified in the leachate based on the current *Regional Regulatory Code* requirements and other standards. These will be reassessed periodically to address regulatory changes, conditions in the wastewater collection system or process considerations at the wastewater treatment plant.
7. The Commissioner may modify or impose conditions from time to time provided they do not negatively impact on the proper operation and management of the wastewater collection system and of the wastewater treatment plant.
8. Termination provisions will address operational, compliance, and health and safety issues.

### CONSULTATION

Canadian Waste has conducted public consultation for the direct discharge of leachate into the sewer system. The Department is satisfied that Canadian Waste has addressed the issues raised during the public consultation process.

#### FINANCIAL IMPLICATIONS

Approving the receipt of leachate directly into the sewer system will provide a cost-effective means for Canadian Waste to dispose of its leachate. In addition, any costs associated with receipt of leachate into the sewer system will be fully recovered through the compensation fee.

*Approved by  
Nancy B. Schepers, P. Eng.*

FJ/ls

Extract of Draft Minute  
Planning and Environment Committee  
14 September 1999

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- Director, Water Environment Protection Division, Environment  
and Transportation Department report dated 01 Sept 99

Councillor Legendre felt the staff report should have included conditions that describe the allowable contaminants and their concentrations. It was his recollection such information was provided when Committee dealt with the Trail Road leachate pipeline matter.

Nancy Schepers, Deputy Commissioner, Environment, ETD, advised this proposal is consistent with how leachate has been dealt with within Ottawa-Carleton and would be consistent with the Region's approach to Trail Road, Huneault and Canadian Waste. She said this is consistent with what has already been brought before Committee with respect to the receipt of leachate from Canadian Waste in terms of the limits established for the leachate and the ability for the Commissioner to impose and change conditions. The agreement does speak specifically to staff adjusting the parameters and this would be done if there was new research or issues that staff became aware of that required the parameters established for leachate to be re-examined.

Councillor Legendre commented on Ms. Schepers remark that this is consistent with the permissions the Region has already granted Canadian Waste. He said however, Canadian Waste currently trucks the leachate but now that a pipeline is to be connected, he presumed the quantities would be increasing. He felt it would have been prudent to identify the contaminants and include quantities and concentrations as well.

Ms. Schepers advised, with respect to the Trail Road leachate matter, there was some discussion and information provided on the concentrations of the Trail Road leachate but there was no discussion of approval of the limits for various parameters. Staff follow the Regional Regulatory Code, which spells out the limits for various parameters, as well as the Model Sewer Use By-law issued by the Ministry of the Environment. In addition, staff use the best research available, as well as assessing treatability of those parameters and have set limits based on that. These limits are applied consistently to all leachate received at the R.O. Pickard Centre. She advised that Canadian Waste does not exceed any of the limits established for leachate.

Councillor Legendre asked that staff provide him with a copy of the limits, concentrations, etc. for his records.

Councillor van den Ham noted Condition 1 on page 86 of the report indicates the term of the agreement will be for one year, automatically renewable on an annual basis, unless

Extract of Draft Minute  
Planning and Environment Committee  
14 September 1999

otherwise terminated. He asked who could terminate the agreement and asked for a comment with respect to this agreement and the issue of governance.

Tim Marc, Manager, Planning and Environment Law advised the typical agreement would include a clause for termination by either party on notice, at the end of each year. He said when there is a revision to the governance in Ottawa-Carleton, because the agreement is annually renewable, there will be an opportunity at that time for both sides to discuss what the price structure should be.

The Committee the considered the staff recommendation.

**That the Planning and Environment Committee recommend that Council approve, pursuant to section 5.2.2(9) of the *Regional Regulatory Code*, the receipt of waste disposal site leachate from the Canadian Waste Landfill Site located on Carp Road in the Township of West Carleton into the regional wastewater collection system in accordance with the conditions and fee structure set out in this report, subject to the granting of a municipal franchise to Canadian Waste Services Inc. by Regional Council.**

CARRIED