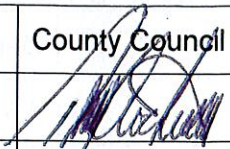


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## HAULED LIQUID WASTE POLICY

### **BACKGROUND**

Oxford County is responsible for all municipal wastewater services within its boundaries. Wastewater is delivered to the nine wastewater treatment plants via the wastewater collection system or liquid waste tanker trucks. The Sewer-Use By-law (By-law No. 2719-87) regulates the discharge of wastewater into the County Wastewater Treatment Plants and in doing so establishes acceptable parameters and strength allowances for such discharges.

The County operates all nine County owned wastewater treatment plants (WWTP) under Environmental Compliance Approval (ECA) certificates issued by Ministry of Environment and Climate Change (MOECC) for each facility. The County is obligated to meet the effluent discharge limits set by these ECAs. Biosolids from the County owned WWTPs is applied on agricultural lands as a nutrient source and is required to meet the requirements of the Ontario Nutrient Management Act (NMA) for land application. The County is required to monitor the available reserve capacity for each treatment plant and initiate the necessary public consultation process following the Municipal Class Environmental Assessment process for any required treatment plant expansion projects.

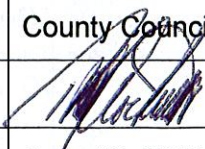
It is recognized that some wastewater needs to be hauled to the Wastewater Treatment Plants to protect the natural environment and provide service to customers not services by wastewater collection systems.

Currently there is no official Oxford County policy governing hauled liquid waste discharges into County wastewater collection and treatment systems. This Policy provides the requirements for the acceptance of Hauled Liquid Waste (HLW) at County owned WWTPs.

### **POLICY FOR ACCEPTANCE OF HAULED LIQUID WASTE**

1. The Policy will be effective June 1, 2015. Existing Large Liquid Waste Haulers will be grandfathered until December 2015 to allow time to enter into an agreement with the County.
2. Hauled Liquid Waste will not be accepted at the following wastewater plants; Drumbo, Mount Elgin, Norwich, Tavistock and Plattsville.



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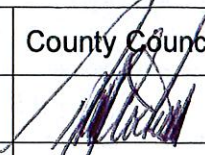
3. Hauled Liquid Waste (including leachate) and septage from County owned and operated facilities can be hauled to an Oxford County Hauled Liquid Waste Facility (Ingersoll and Woodstock WWTPs).
4. All other Hauled Liquid Waste must comply with the Sewer Use By-law 2719-87 and/or be approved by County Public Works with the exception of hauled residential septage.
5. All Hauled Liquid Waste must be generated in Oxford County, except for adjacent municipalities needing wastewater treatment during an emergency at their facility. Staff can approve this hauled waste but are to report this usage to County Council as part of the annual reports.
6. All Liquid Waste Haulers must be approved and be registered as a Registered Liquid Waste Hauler by Oxford County Public Works.
7. Liquid Waste Haulers hauling over 5,000 m<sup>3</sup> of liquid waste in an annual basis will need to enter into a signed agreement with Oxford County and obtain a Large Liquid Waste Hauler permit from Public Works.
8. An Over-strength Agreement may be necessary for the acceptance of high strength Hauled Liquid Wastes. The agreement will only allow for above Sewer-Use By-law 2719-87 limits for the following parameters: BOD<sub>5</sub>, TSS, O&G, Phosphorous; and shall contain reference to specific volumes and concentrations and/or loadings of certain parameters as well as the manner in which the HLW can be discharged.
9. All Large Liquid Waste Hauler agreements and Overstrength agreements are subject to County Council approval.
10. No hazardous waste is accepted.
11. All Hauled Liquid Waste and septage are subject to payment of a fee as determined by Oxford County Water and Wastewater Rates By-law No. 5514-2013, as amended from time to time.

## DECISION BASIS / PROCESS FOR ACCEPTANCE OF LIQUID WASTE AT OXFORD COUNTY WASTEWATER TREATMENT PLANTS

The protocol for the approval of any Hauled Liquid Waste shall include consideration of the reduction in the available reserve capacity of the WWTPs, meeting the WWTP ECA treated effluent limits, and the prevention of WWTP operational problems including:

1. Health or safety hazards to employees
2. Damage to equipment or significantly increasing their maintenance costs



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3. Causing operational problems to treatment processes
4. Causing odours
5. Causing the biosolids from the WWTP to fail to meet criteria relating to contaminants for spreading the biosolids on agricultural lands under any regulation made under the Nutrient Management Act (Ontario) or any other relevant Federal and/or Provincial regulation or any direction provided by an officer of the Ministry of the Environment and Climate Change or any other relevant Federal and/or Provincial regulatory agency.
6. Causing the treated effluent from the WWTP to exceed the limits set by the WWTP ECA and/or contravene any other requirement by or under the Ontario Water Resources Act or the Canadian Environmental Protection Act or any other relevant Federal and/or Provincial regulation or any direction provided by an officer of the MOECC or any other relevant Federal and/or Provincial regulatory agency.

## **PROHIBITED WASTES**

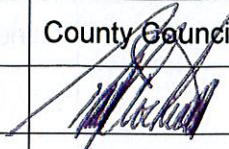
Unacceptable wastes include, but are not limited to:

- Waste generated outside of Oxford County as per the Oxford County Official Plan (OP) requirements, with the exception noted in Item 5 of Policy for Acceptance of Hauled Waste
- Landfill leachate from any privately owned or operated facility
- Hazardous industrial waste
- Hazardous waste chemicals
- Ignitable wastes
- PCB wastes
- Grease trap waste from restaurants and food service facilities
- Reactive wastes
- Pesticides
- Severely toxic waste
- Radioactive waste

## **CRITERIA TO BE AN APPROVED LIQUID WASTE HAULER**

The hauler must formally apply to Oxford County Public Works for approval to be registered as a Registered and/or Large Liquid Waste Hauler, and upon approval, be able to provide proof of



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liability insurance and appropriate Ministry of Environment and Climate Change certificates. All liquid waste haulers are to comply with the Ontario Regulation 347 (Waste Management).

## OTHER LIQUID WASTE DISCHARGES INTO OXFORD COUNTY WWTPs

All liquid waste discharges other than the Hauled Liquid Waste (by sewer connection) into the County WWTPs are regulated by the Oxford County Sewer-Use By-law (By-law No. 2719-87) which establishes acceptable parameters and strength as well as volume allowances for such discharges and may be subject to Council approved over-strength agreements. The rates are determined by Oxford County Water and Wastewater Rates By-law No. 5514-2013, as amended from time to time.

## DEFINITIONS

**Hauled Liquid Waste Facility** means an approved depot which may accept Hauled Liquid Waste transported by truck to be discharged into a WWTP. Oxford County's Woodstock and Ingersoll WWTPs are approved facilities.

**Registered and/or Large Liquid Waste Hauler** means an approved Company who has the appropriate approvals and permits to the satisfaction of the Oxford County Public Works Department, who may discharge Hauled Liquid Waste to a Hauled Liquid Waste Facility.

**Septage** includes all matter of liquid and solid that is pumped out of septic tanks and holding tanks. Such tanks may be used in residential, commercial, or industrial properties for the purpose of containing sanitary waste.

**Leachate** means the liquid generated by water or other liquids percolating through solid waste at a landfill, or by the liquid in the waste.

**Hauled Liquid Waste (HLW)** includes leachate, industrial, commercial, and institutional (ICI) waste, which is transported by truck.

**Hazardous Waste** includes a waste that is an acute hazardous waste chemical, hazardous industrial waste, corrosive waste, ignitable waste, pathological waste, reactive waste, radioactive waste, PCB waste, leachate toxic waste, or severely toxic waste, or any combination thereof, each as defined by the Ontario Regulation 347 (Waste Management).