



Government of Newfoundland and Labrador
Department of Municipal and Intergovernmental Affairs
Municipal Engineering and Planning Branch

CIRCULAR

To: Municipalities /Local Service District (LSD)

Re: Wastewater Systems Effluent Regulations

Date: May 6, 2014

The Wastewater Systems Effluent Regulations (WSER) is a federal wastewater regulation, established under the Fisheries Act that sets a standard for wastewater discharges into receiving water. These regulations apply to any outfall with an average daily volume of effluent of 100m³/day (100,000L/day) or more.

As a follow up to a recent presentation by the department at the PMA Conference in Gander and in an effort to assist smaller municipalities in determining if a sewer outfall requires registration with Environment Canada and flow monitoring, the attached form should be completed and kept on file in your respective municipal offices. This form should be completed as the first step in determining whether or not the WSER applies to your community. The volume of effluent for each outfall in a community must be calculated separately. Each outfall in the community discharging approximately 100m³/day (100,000L/day) or more must be registered with Environment Canada and flow monitoring measurements obtained at predetermined interval to comply with the regulations.

To fill out the form, please identify the Municipality/LSD, outfall name, location description, longitude and latitude coordinates of the outfall. Also, determine how many people are serviced by the wastewater system (outfall). Follow the calculations on the form using the Theoretical volume of 340 Litres/person/day. Should the final total volume value be near 100m³/day (100,000L/day) or more, the flow will need to be verified by flow monitoring. Environment Canada official are available at 1-800-668-6767, or email at ww-eu@ec.gc.ca to answer any questions and can assist with the outfall registration process. They will also set up a user account and password for each community so that registration and flow monitoring data may be entered online.

Sincerely,

A handwritten signature in black ink, appearing to read "Cluney Mercer".

Cluney Mercer, P. Eng.
Assistant Deputy Minister
Municipal Engineering and Planning Branch

cc: Regional Directors
cc: Regional Engineers



DEPARTMENT OF MUNICIPAL AND
INTERGOVERNMENTAL AFFAIRS

Wastewater Systems Effluent Regulations

Sewer Outfall Report

* Please forward a copy of this completed form to Dept. of
Municipal and Intergovernmental Affairs Regional Office

Municipality/LSD	
Outfall Name	
Outfall Location Description¹	
Outfall Latitude¹	
Outfall Longitude¹	

Description	Amount
A. Population Serviced by Outfall	
B. Total Theoretical Effluent per Person	340 Litres/person/day
C. Total Theoretical Effluent from Outfall [AxB]	Litres/day
D. Total Theoretical Effluent from Outfall [C/1000]	m³/day

¹ If this information is unknown, physical characteristics of outfalls can be found in the Department of Environment and Conservation's Water Resource Portal at <http://maps.gov.nl.ca/water/mapbrowser/Default.aspx> under the outfall tool.

The Wastewater Systems Effluent Regulations apply to any outfall with a total volume of effluent per day exceeding 100m³ (100,000L). If this outfall is near that number, please contact the Department of Environment and Conservation and ask for a Community Outfall Summary Report. Also, please go online at www.ec.gc.ca/eu-ww to find out more about the WSER and how to get started.

The WSER does not apply to Northern Labrador communities above the 54th parallel.
(Approximately communities north of Cartwright)

Communities must keep this information on file in their office. If outfall flow is in the range of 100m³ or more, it will need to be verified. Please contact Environment Canada for future action. [1-800-668-6767, ww-eu@ec.gc.ca]

Town Manager/Clerk or Consultants Signature	
Date Prepared	