

Grand River Watershed Sewage Discharge Notification Form for Spills and Bypasses

Section 1	
Report to Spills Action Centre 1-800-268-6060	Date Reported to SAC:
	Time Reported to SAC:
Spills Action Centre Officer:	MOE Incident Number:
Facility Name and Number:	Date Discharge Started:
Address or Cross Street:	Time Discharge Started:
Municipality:	Date Discharge Found:
Reporting Operator:	Time Discharge Found:

Section 2	
<input type="checkbox"/> Bypass <input type="checkbox"/> Overflow	Is the discharge the result of planned maintenance? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, will effluent meet discharge limits: <input type="checkbox"/> Yes <input type="checkbox"/> No
Discharge from Sewage Treatment Plant <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, identify process point in plant being bypassed: Plant process that bypass is directed to:	Discharge from Sewage Collection System <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, where: <input type="checkbox"/> Lift / Pump Station <input type="checkbox"/> Manhole <input type="checkbox"/> Sewer Main
Discharge Direct to Natural Environment: <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, provide details: Receiving Water Course:	Level of Treatment: Is the sewage raw? <input type="checkbox"/> Yes <input type="checkbox"/> No If No, has the sewage received full or partial treatment? <input type="checkbox"/> Full <input type="checkbox"/> Partial What level of treatment did the sewage receive? <input type="checkbox"/> Primary <input type="checkbox"/> Secondary <input type="checkbox"/> Tertiary
Chlorination <input type="checkbox"/> Yes <input type="checkbox"/> No Chlorine Residual:	Other Disinfection <input type="checkbox"/> Yes <input type="checkbox"/> No Type of Disinfection (i.e. UV):
Weather Conditions (Event): <input type="checkbox"/> Wet Weather <input type="checkbox"/> Dry Weather	Plant Rated Capacity: Plant Current Flow:
Describe Cause(s) of Discharge (check all that apply): <input type="checkbox"/> Weather <input type="checkbox"/> Infiltration & Inflow <input type="checkbox"/> Equipment Failure <input type="checkbox"/> Power Failure <input type="checkbox"/> Process Upset <input type="checkbox"/> Blocked Sewer <input type="checkbox"/> Exceed Design Capacity <input type="checkbox"/> Pipe Failure <input type="checkbox"/> Other (describe):	

Section 3	
Downstream and / or Internal Notifications by Operator (if any, list):	
Initial Volume:	<input type="checkbox"/> Estimated Volume <input type="checkbox"/> Measured Volume
Action Taken by Operating Authority:	
Samples Collected:	Date:
<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Grab Sample <input type="checkbox"/> Composite Sample
<input type="checkbox"/> cBOD5 <input type="checkbox"/> Total Suspended Solids	<input type="checkbox"/> Total Phosphorus <input type="checkbox"/> E. coli <input type="checkbox"/> TAN

Section 4 - Follow-up Notification:	
Discharge Ended Date:	Time:
Duration of Discharge:	
Final Volume:	<input type="checkbox"/> Estimated Volume <input type="checkbox"/> Measured Volume
Updates / Corrections:	
Comments:	
Section 5 - Definitions:	
Bypass	A wastewater treatment plant bypass means the bypassing of a process within a sewage treatment works with the associated sewage flows being returned to the sewage treatment flow and discharging to the environment through the final effluent outfall of the sewage treatment plant.
Plant Overflow	Wastewater treatment plant overflow means a discharge to the environment from a sewage treatment works at a location other than the final effluent outfall or downstream of the sampling point in the final effluent outfall.
Sanitary Sewer Overflow	A discharge to the environment from a sanitary sewer collection system.
Spill	As defined in Part X of the Environmental Protection Act: a discharge of a pollutant into the natural environment, from or out of a structure, vehicle or other container and that is abnormal in quality or quantity in light of all the circumstances of the discharge.
Weather Conditions (Event)	An occurrence(s) of a bypass or overflow separated by a period of more than 12 hours from another occurrence(s) (i.e. may have several occurrences within one event). Dry-weather flow is sewage flow resulting from both: <ul style="list-style-type: none"> • Sanitary sewage (combined input of industrial, domestic, and commercial flows); and • Infiltration and inflows from foundation drains or other drains occurring during periods with an absence of rainfall or snowmelt. Wet-weather flow is the combined sewage flow resulting from: <ul style="list-style-type: none"> • Sanitary sewage; • Infiltration and inflows from foundation drains or other drains resulting from rainfall or snowmelt; and • Stormwater generated by either rainfall or snowmelt that enters the combined sewer system.
Natural Environment	As defined in the Environmental Protection Act: the air, land and water, or any combination or part thereof, of the Province of Ontario
Raw Sewage	Sewage that has not undergone any treatment
Primary Treatment	The sewage treatment process that involves the sedimentation or settling stages. The exact process will vary between plants.
Secondary Treatment	The sewage treatment process that involves biological treatment. The exact process will vary between plants.
Tertiary Treatment	The sewage treatment process that involves advanced nutrient or solid removal to further polish the effluent prior to discharge. The exact process will vary between plants.
Disinfection	Disinfection of wastewater substantially reduce the number of microorganisms in the water. Common methods of disinfection include ozone, chlorine and ultraviolet light.
BOD5	Carbonaceous Biological Oxygen Demand (5 day test)
TAN	Total Ammonium Nitrogen

Any questions or for further information, please contact either
Lisa Williamson, Ontario Ministry of the Environment, Guelph District Office, 519-837-6386
or Sandra Cooke, Grand River Conservation Authority, 519-621-2763 ext 2224