



TOWN OF AMHERSTBURG FLOOD EVENT AUGUST 9, 2011 **UPDATE – WEEK OF AUGUST 22, 2011**

During the early morning hours on Tuesday, August 9, 2011, a high rainfall event began at approximately 12:45 a.m. and continued until approximately 6:00 a.m. The volume of rain accumulated at the Public Works rain gauge was in excess of 4" reaching intensities of 5 ½" causing flooding to roads and properties. There were reports of approximately 5" to 7" of rainfall in the areas most affected by this rain event.

To date, approximately 95 residents reported to the Town to have experienced flooding. However, information from restoration contractors working in Amherstburg on flooded basements report approximately 405 affected homes.

The intensity of the rainfall overtook the carrying capacity of the Town's storm system. Surface flooding of roads and other areas occurred and stormwater then entered into the Town's sanitary sewer system through a number of channels, thus leading to backups into residential basements.

The Ontario Clean Water Agency (OCWA) operates all of the Town's sewage treatment facilities including a large number of pumping stations. OCWA has reported all systems were operative to full capacity during the August 9, 2011 rain event. Flow reports indicate that during the August 9, 2011 rain event, the Amherstburg Wastewater Treatment Plant on Sandwich Street South had flows 12 times the normal flow rate. Also, the Boblo Island treatment plant experienced flows 17 times the normal rate, while McGregor Lagoons experienced flows 6 times the normal flow rate. Throughout the entire August 9, 2011 rain event, OCWA monitored the treatment systems. During this storm event the electrical power was disrupted, wherein the Town's backup generators were put into operation by OCWA.

The majority of the basement flooding has taken place in the Monopoly Subdivision and the Crown Ridge Subdivision.

The Town is recommending homeowners contact their insurance company if they have had a flooding occurrence. Further, if you have experienced flooding as a result of the rain event on August 9, 2011, please visit the Town website at www.amherstburg.ca and download the "**Residential Home Flood Data Sheet**" found at the link on the homepage. Copies may also be obtained at the Public Works Department. Please return completed Data Sheets to:

The Public Works Department
512 Sandwich Street South
Amherstburg, Ontario N9V 3R2

If you require further information, please contact the Public Works Department at 519-736-3664 or send email to: flooding@amherstburg.ca

The Corporation of the
TOWN OF AMHERSTBURG
www.amherstburg.ca
PUBLIC WORKS DEPARTMENT
Lou Zarlenga, P.Eng.
Director of Engineering & Infrastructure