

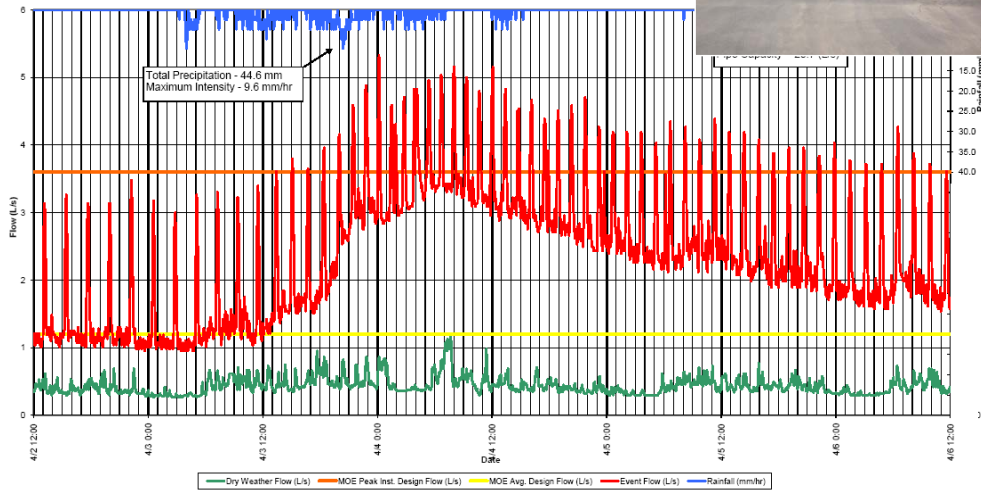
Sanitary Sewer Infiltration and Inflow Study

Client: District Municipality of Muskoka

Year: 2009-2010



CCTA/Muskoka Flow Monitoring Location Manhole ID: N35
TOI Catchment ID: H12
Spring Rainfall Event Plot - Thursday April 2, 2009 12:00 (Noon) - April 6, 2009 1



Huntsville - Gagey Bill Area - H12.018_SPRING EVENT PLOT
1) Dry weather flow occurred July 15-20, 2009.



SERVICES PROVIDED

The District Municipality of Muskoka retained CCTA in January 2009 to complete an infiltration and inflow (I/I) study on the sanitary sewer system in the Town of Huntsville. The primary objective of the study was to identify sources of I/I within four distinct sewersheds, and to provide recommendations for the removal of these sources. The secondary objective was to develop the design criteria for upgrades to the Church Street sewage pumping station (SPS).

The I/I study made use of data collection and analysis of 16 flow monitoring stations, of six sewage pumping stations, and one rainfall gauge, various field investigations including door-to-door plumbing inspections, smoke testing, and dye testing.

The final I/I Study Report will be published in early 2010, and will be followed by the commencement of the Schedule B Class EA study for the Church Street SPS upgrades and the subsequent design, approval process, tendering, contract administration and inspection.

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