



# Burlington Stormwater Program Project Notes

## 2011—2012 Stormwater Mapping Update



*The Mapping Scooter taking GPS coordinates of a manhole*



*The Mapping Scooter on the sidewalk taking GPS coordinates of a hydrant*

The Burlington Stormwater Program has executed a contract with Weston & Sampson of Waterbury, VT to update our stormwater sewer mapping database (GIS). GIS is a bit like Google maps where you can see satellite photos with different layers of information overlaid on the photos/street maps. For more information you may wish to read the [memo](#) submitted to the City Council for approval to execute the contract.

This is a very time intensive project and the City's stormwater administrator, along with DPW interns, have and will be working for the first few weeks in August to compile information on the various projects that the City has completed since the last comprehensive mapping update was completed in the mid 80's. While they are collecting storm sewer infrastructure data Weston & Sampson will also be capturing location information on the City's water valve and hydrants.

Starting in mid August, Weston & Sampson will begin data collection in the City, starting in the Downtown and Waterfront areas. They will be using a GPS antenna mounted to a small moped and will occasionally be driving (carefully) on City sidewalks so that they may collect hydrant data.

From there, Weston & Sampson will then work to upload this information to update and verify our existing GIS database both with accurate location information as well as attribute information. For instance, we hope to have a very accurate map where all features have a unique identifier that can be used to track maintenance and repair records.

We will also be working with Weston & Sampson to update all of the attribute information necessary in Englesby Watershed (one of our stormwater impaired watersheds) to create an accurate runoff model that will help us in planning our stormwater projects in that watershed.

Stay tuned for more updates on this page and on our facebook page:

<http://www.facebook.com/BTVDPW>