Fitzgerald Environmental Associates, LLC.

Applied Watershed Science & Ecology

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Fitzgerald Environmental Associates (FEA) was contracted by the Town of Grafton to develop and review river corridor mapping and to identify fluvial erosion risks along the Saxtons River in Grafton. This mapping effort will aid the Town with future revisions of flood hazard bylaws. The current draft river corridor was prepared by FEA and VTDEC based on river valley wall locations and river channel conditions assessed by FEA in 2009-10, and the predicted river corridor width based on upstream drainage area and river bankfull width. We encourage Grafton residents to review the current river corridor and share observations with us that may improve or refine the mapping.

The online corridor map can be viewed by typing or copying this link into your browser window: http://feavt.maps.arcgis.com/apps/webappviewer/index.html?id=6d305cf17b4a4c3f9044dc288e7d4860

Residents can also email Evan Fitzgerald for a direct link to the online map: evan@fitzgeraldenvironmental.com

Instructions for viewing and editing the map are provided below and on the mapping interface.

This interactive map shows the River Corridor and the field mapped valley walls along the Saxtons River and other major streams within the Town of Grafton. The River Corridor represents the area where a stream or river may adjust over time to maintain or re-establish stable channel dimensions. Infrastructure within this area may be threatened by erosion when the channel adjusts (e.g., bank erosion) during floods.

We hope to learn more about flood patterns along the Saxtons River from the observations of Grafton residents. Please explore the map and help us identify areas of recent river channel erosion and flood damage (i.e., during Tropical Storm Irene in 2011), particularly those outside or near the River Corridor boundary. This information will potentially help us identify areas where the River Corridor can be improved and refined.

Please follow these instructions if you would like to add a note to the map:

- Click on the "Edit" button under the location search bar
- Click on the green star for "Community Flood Notes"
- Click anywhere on the map where you would like to add a note
- After clicking a new window will open where you can add your name and your description of the location
- Click the "X" button when you are done.
- Notes cannot be moved, but they can be deleted and recreated if you want to move or just delete your note.