

# Tonawanda Creek/Erie Canal Hydrilla Control Demonstration Project

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# Project Area

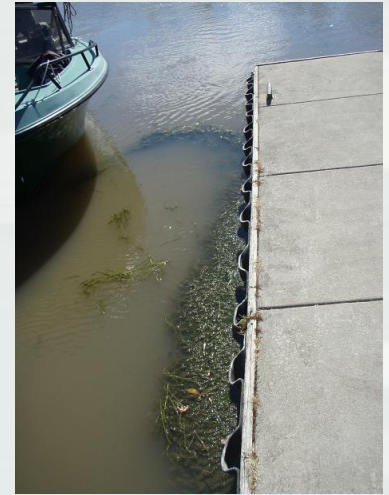


(Erie Canal Website: <http://www.eriecanal.org/index.html>)

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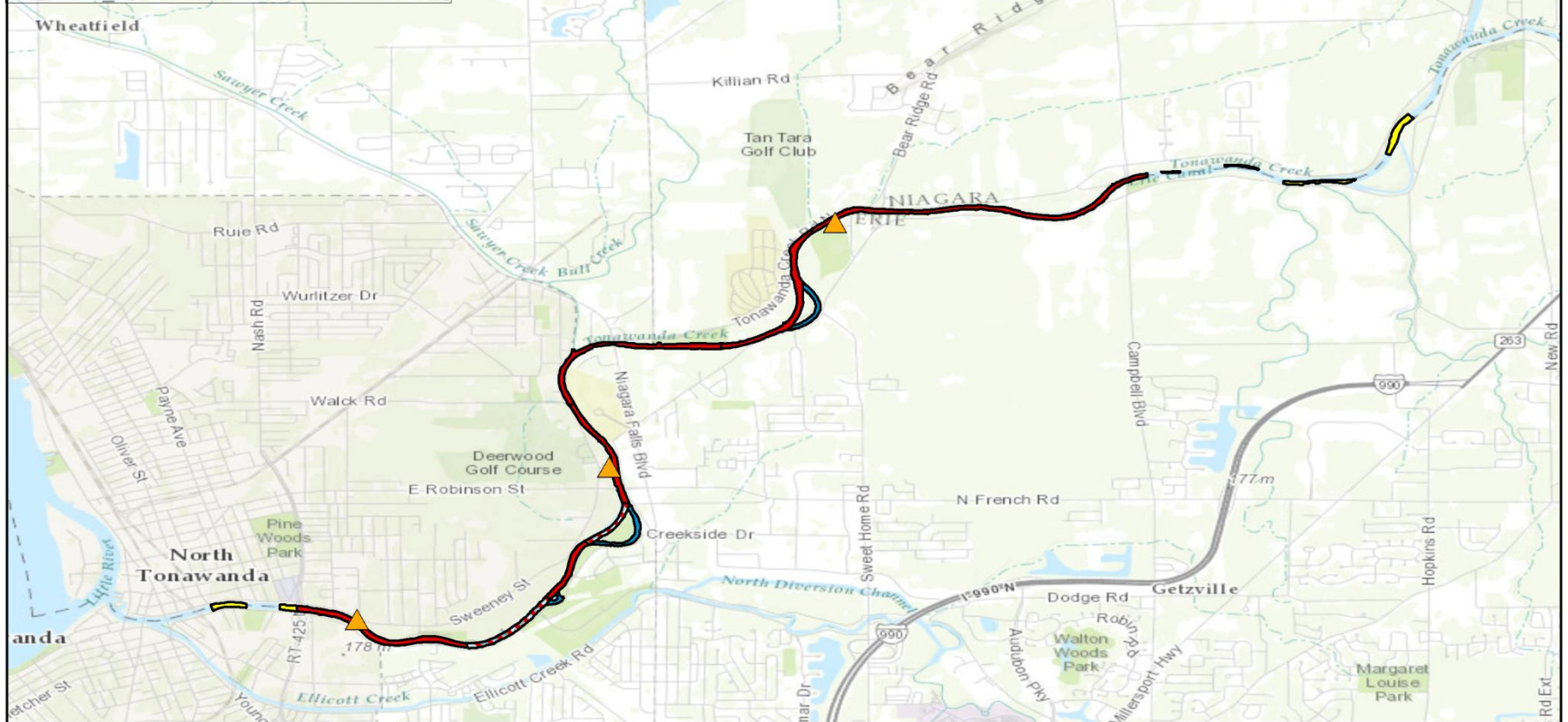


# Hydrilla can be found in patchy large beds along the canal banks



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## Hydrilla Treatment Areas Summer 2014

- Main Channel Treatment Areas
- Reduced Concentration Treatment Areas
- Oxbow Treatment Areas
- Supplemental Treatment Areas
- Loading Areas

0 0.75 1.5 3 Miles



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# Summary of 2014 Results

- Overall hydrilla tuber densities were reduced by >90% and biomass was reduced 100% at 4 sample sites.
- Hydrilla in the area near the Service Drive ramp area was not controlled.
- Overall hydrilla frequency in canal was reduced from 33% to 4%.
- Native SAV was significantly impacted within treatment area.



# Risk Assessment

- Will result in a Great Lakes specific assessment of hydrilla
- Risk = probability of establishment + consequence of establishment
- Will include plant biology and ecology studies necessary to support risk assessment, modeling, and reduce uncertainty



# Additional Resources

- New York Invasive Species Information:  
<http://www.nyis.info/>, select hydrilla from the aquatic plants tab
- Cornell Cooperative Extension:  
[www.stophydrillawny.org](http://www.stophydrillawny.org) and  
[www.stophydrilla.org](http://www.stophydrilla.org), includes FAQs regarding endothall
- Center for Aquatic and Invasive Plants:  
<http://plants.ifas.ufl.edu/node/183>

