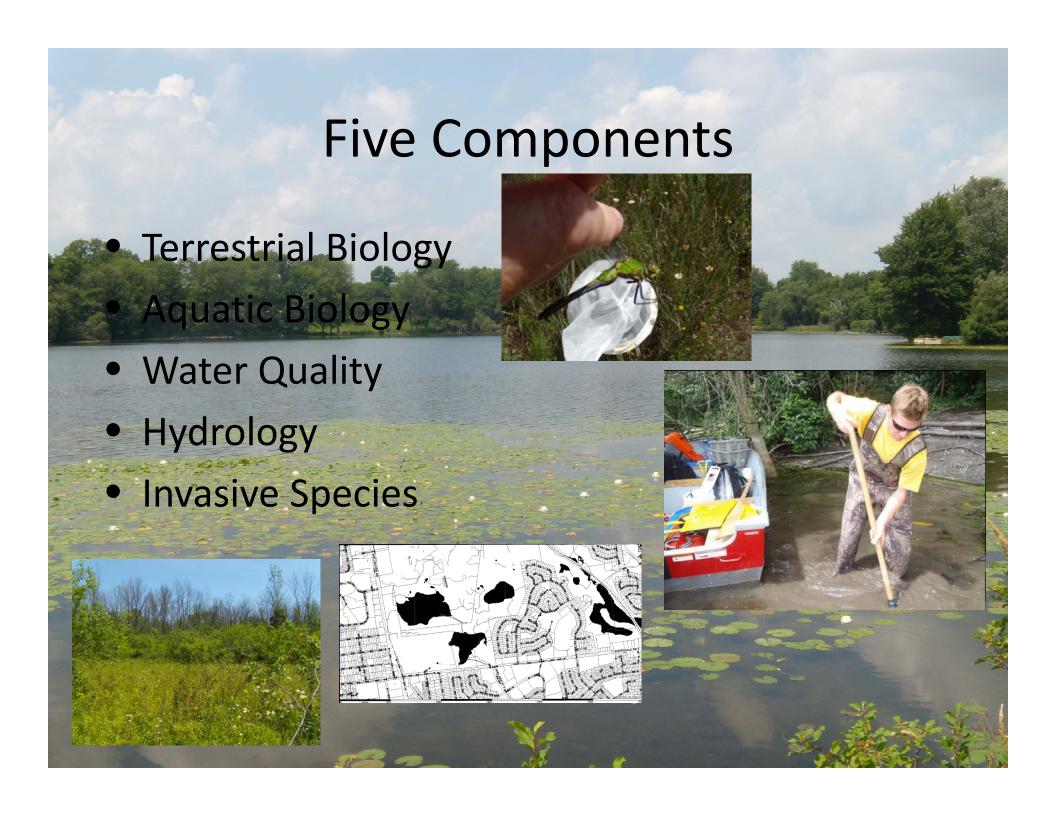
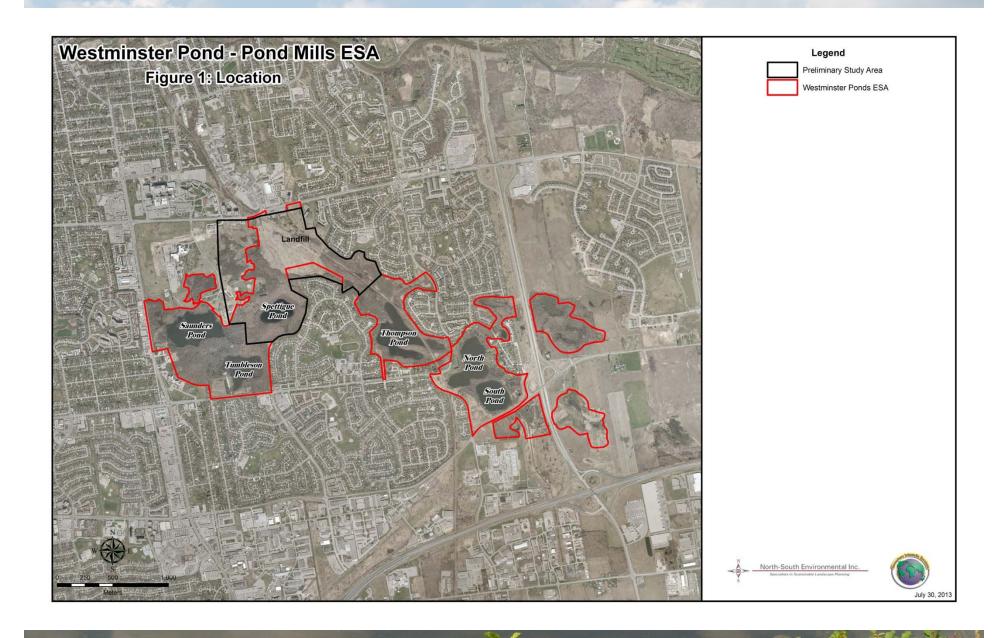
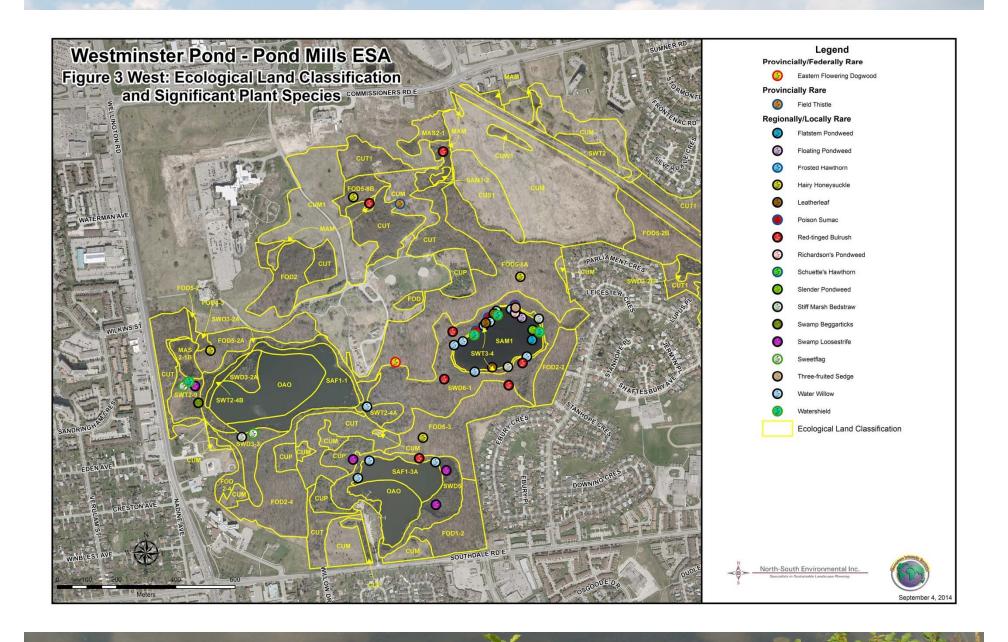


- North-South Environmental Inc. (Terrestrial Biology)
- Schollen and Company Inc.
- Hutchinson Environmental Sciences Ltd.
 (Aquatic Ecology and Water Quality)
- Norbert M Woerns (Hydrology)
- Others: the City, previous studies, local naturalists







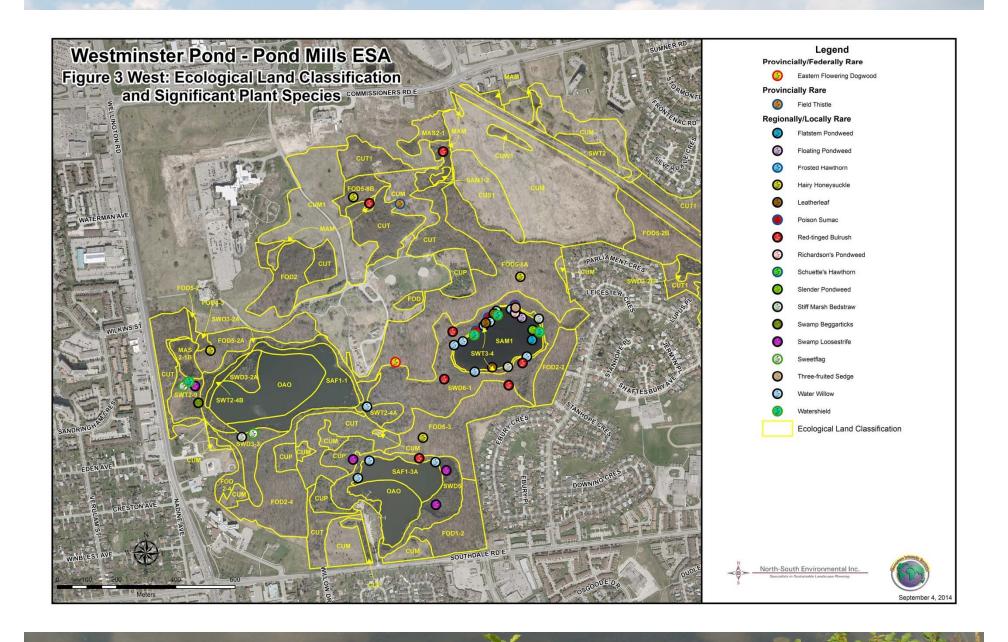




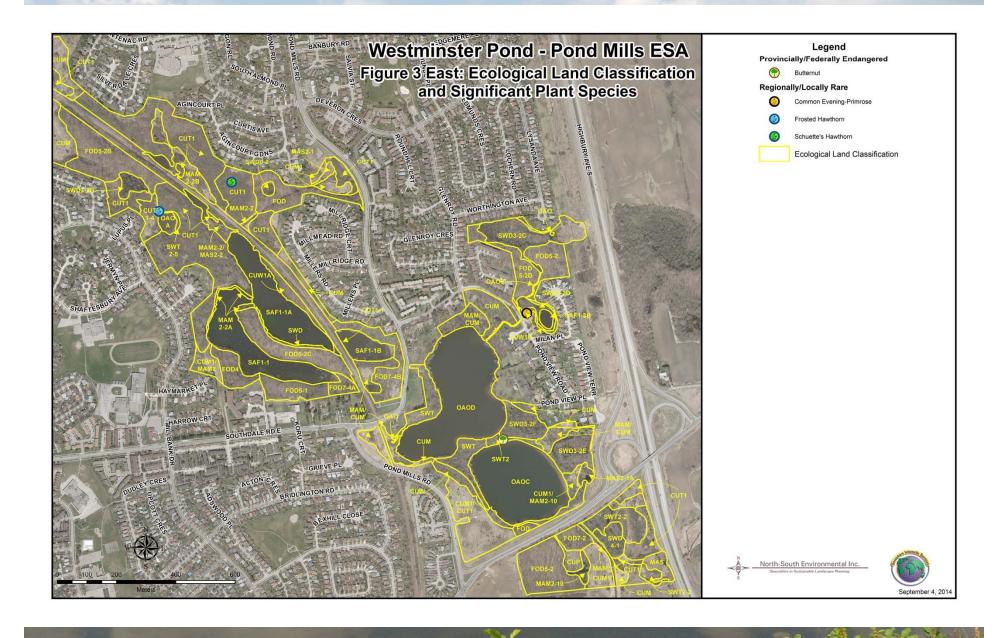






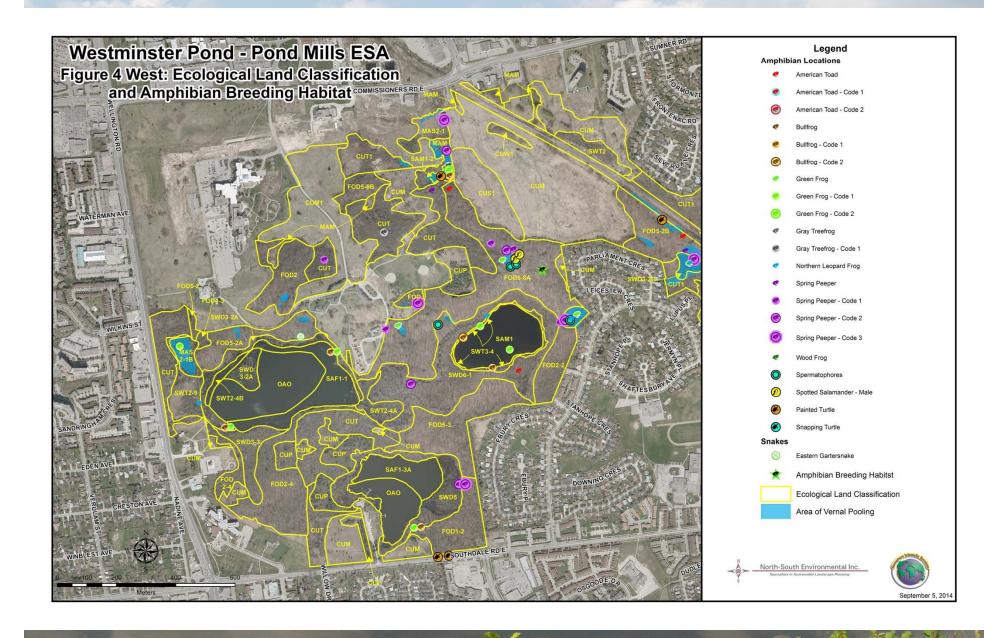




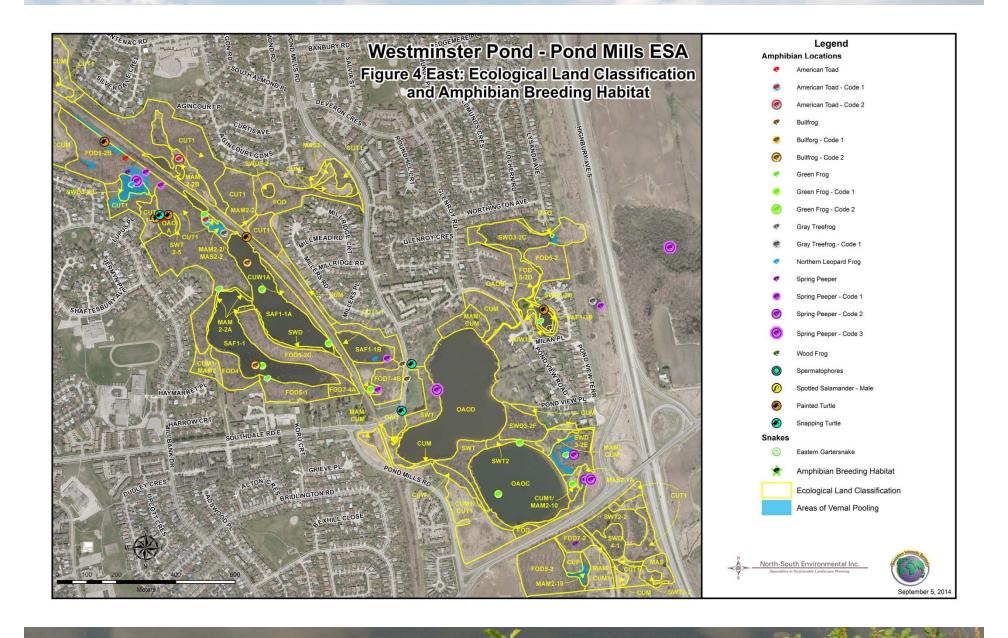


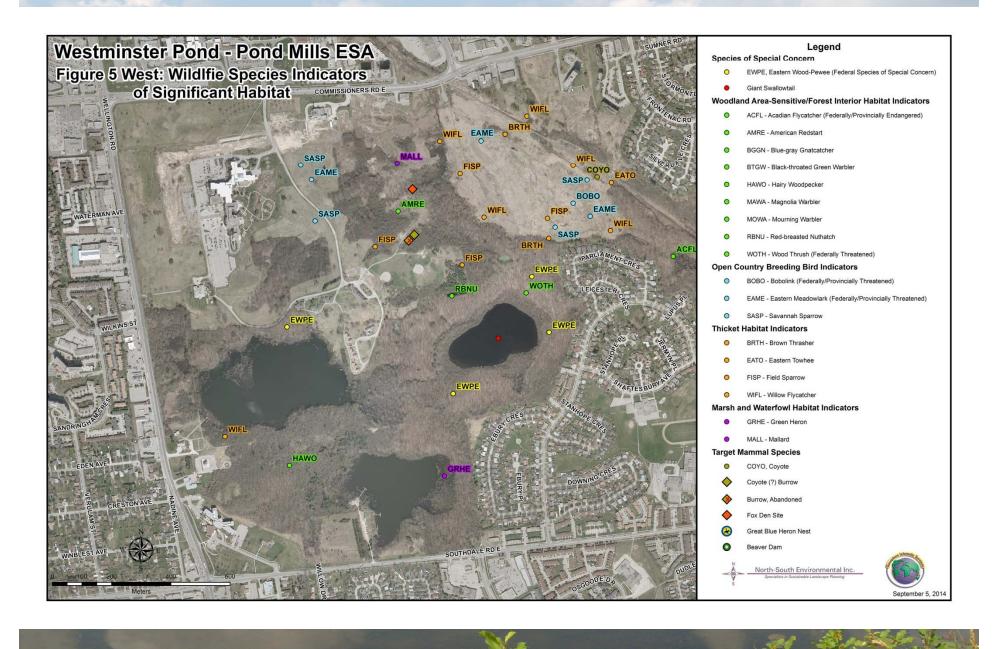


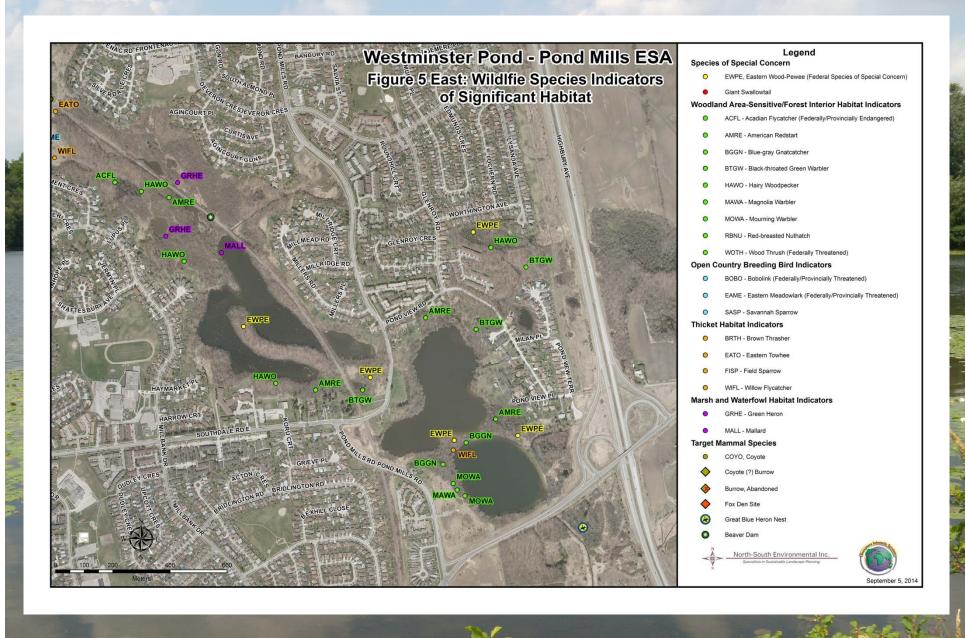


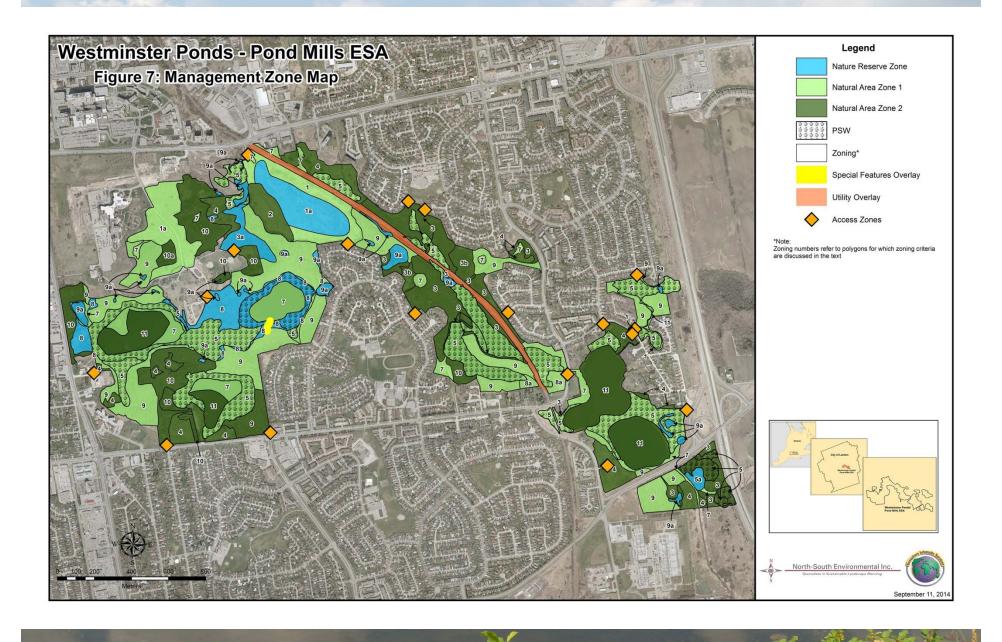




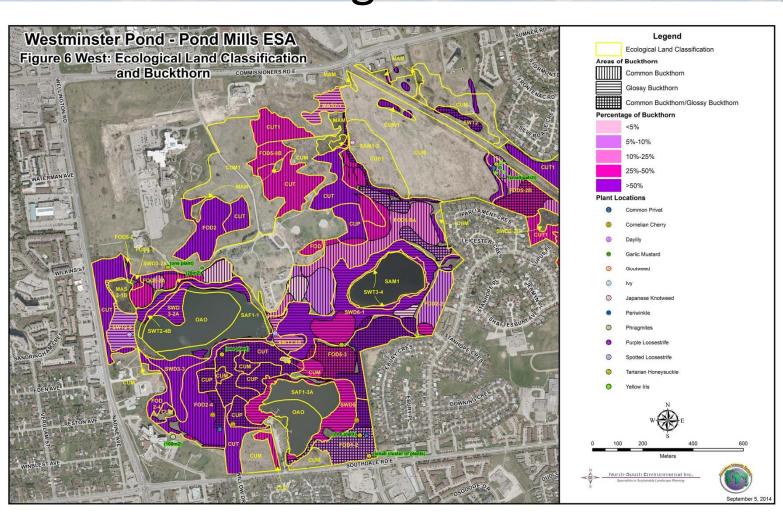


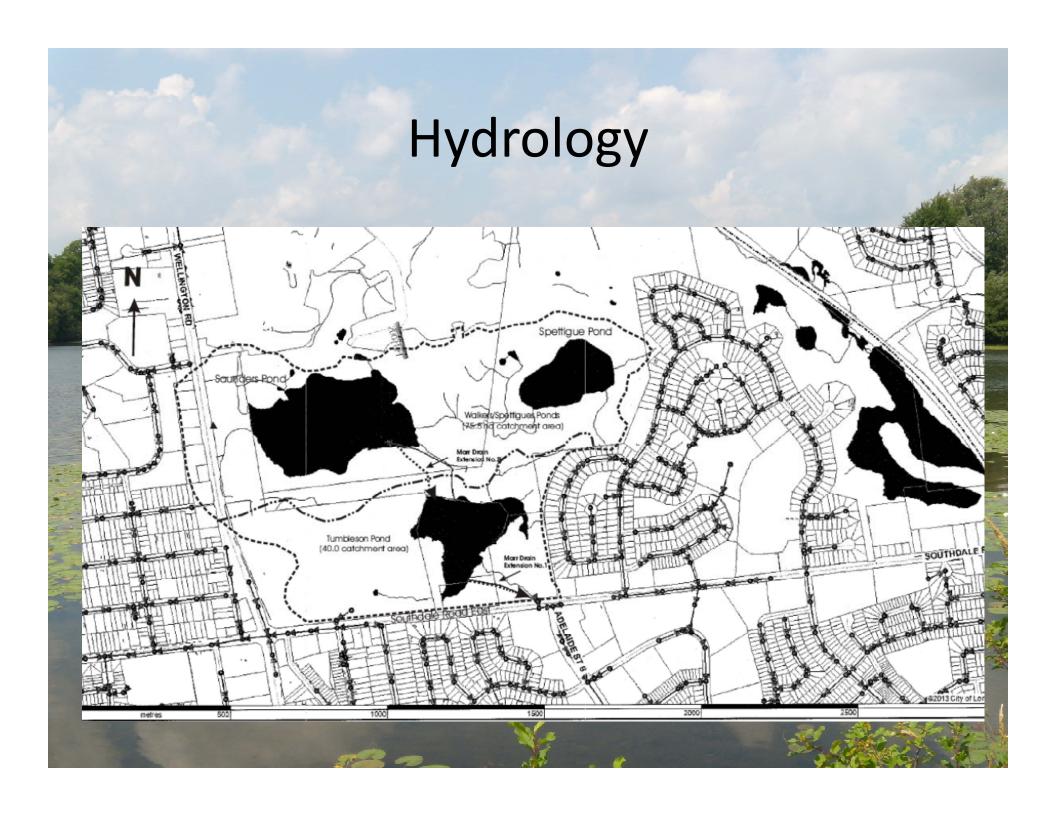






Non-native Invasive Species Management





Water Quality and Aquatic Ecology

- 1. Characterization of the existing water quality and ecology of the ponds based on a single monitoring event at three of the ponds (South Pond, Saunders Pond and Spettigue Pond). Monitoring included physical, chemical and biological parameters including fisheries and fish habitat at the height of the growing season when potential for anoxia and internal phosphorus loading is maximized, and
- 2. An assessment of water quality changes over time at the three ponds based on:
 - Comparisons of measured water quality in 1980 and in 2013, and
 - a detailed paleolimnological analysis of Saunders Pond and a 'topbottom' approach for Spettigue and South ponds to assess changes since pre-European settlement using diatoms as biological indicators.
- 3. Recommendations for future monitoring and management of the ponds.

