



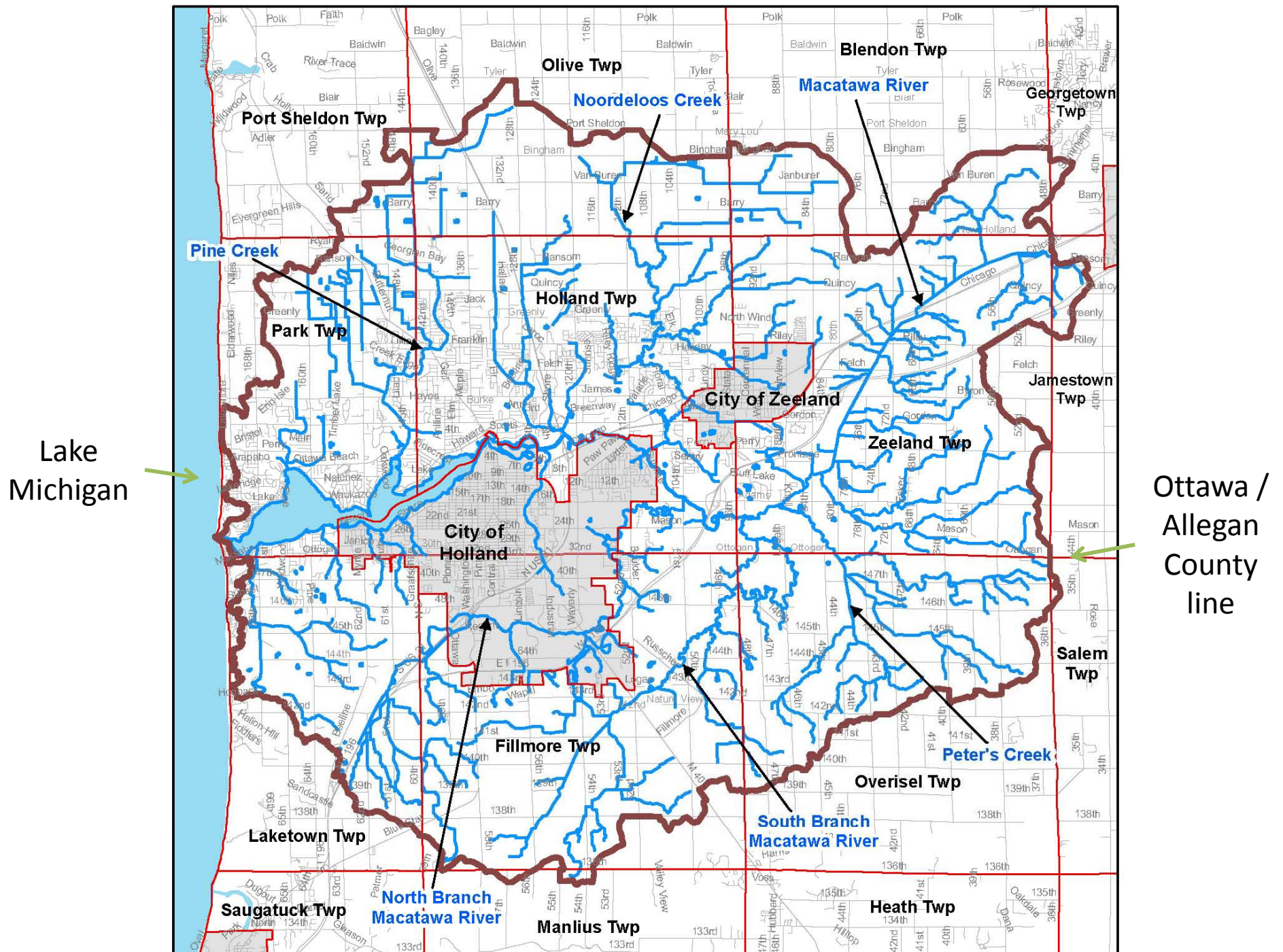
Macatawa Watershed Volunteer Monitoring Program

Macatawa Area Coordinating Council
Outdoor Discovery Center Macatawa
Greenway



The Macatawa Watershed

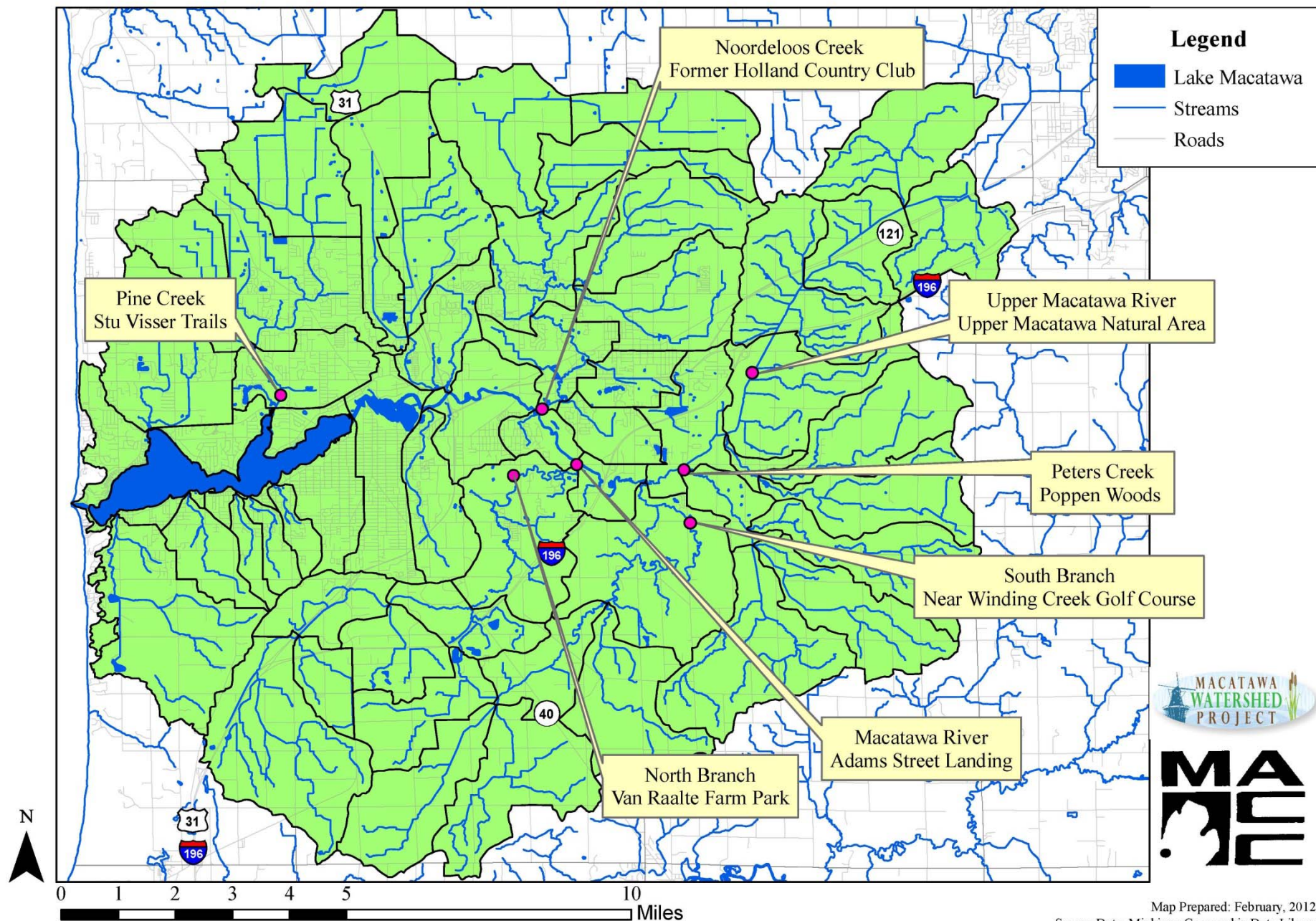
- Lake Macatawa and the Macatawa River
- Drowned river mouth
- 175 mi² watershed
- 2 counties, 9 townships, 2 cities
- Phosphorus TMDL
- 6 MS4 Phase II permittees



Program Details

- 2011 MiCorps Startup grant
 - November 2011: mock event
- 2012 MiCorps grant
 - June 2012-May 2014
 - Completed 3 events
 - Degraff Nature Center, DEQ, Conservation Districts, community members, Hudsonville Public, Holland Christian
- 7 sites – historical DEQ data

Volunteer Monitoring Sites



Map Prepared: February, 2012

Source Data: Michigan Geographic Data Library

Fall 2012



Sampling Locations

Peters Creek



Noordeloos Creek



Upper Macatawa River



Spring 2013

Pine Creek



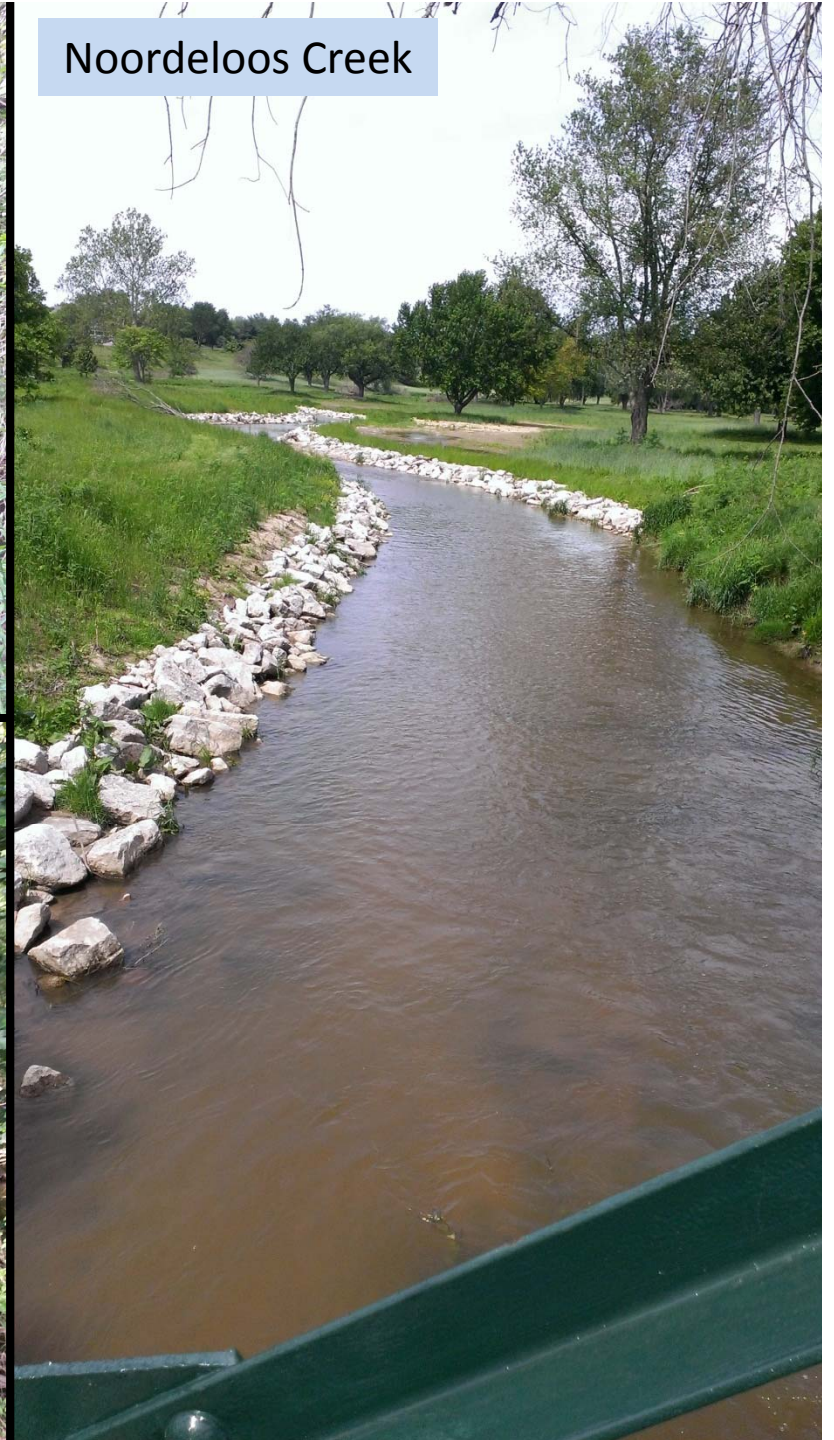
South Branch



Pine Creek



Noordeloos Creek



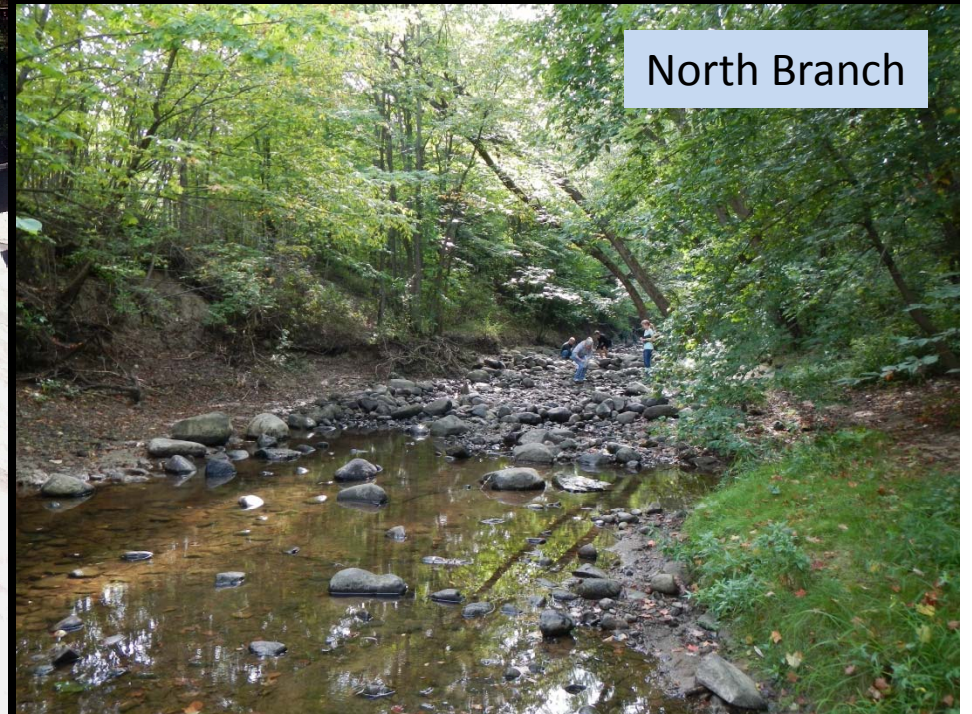
Fall 2013



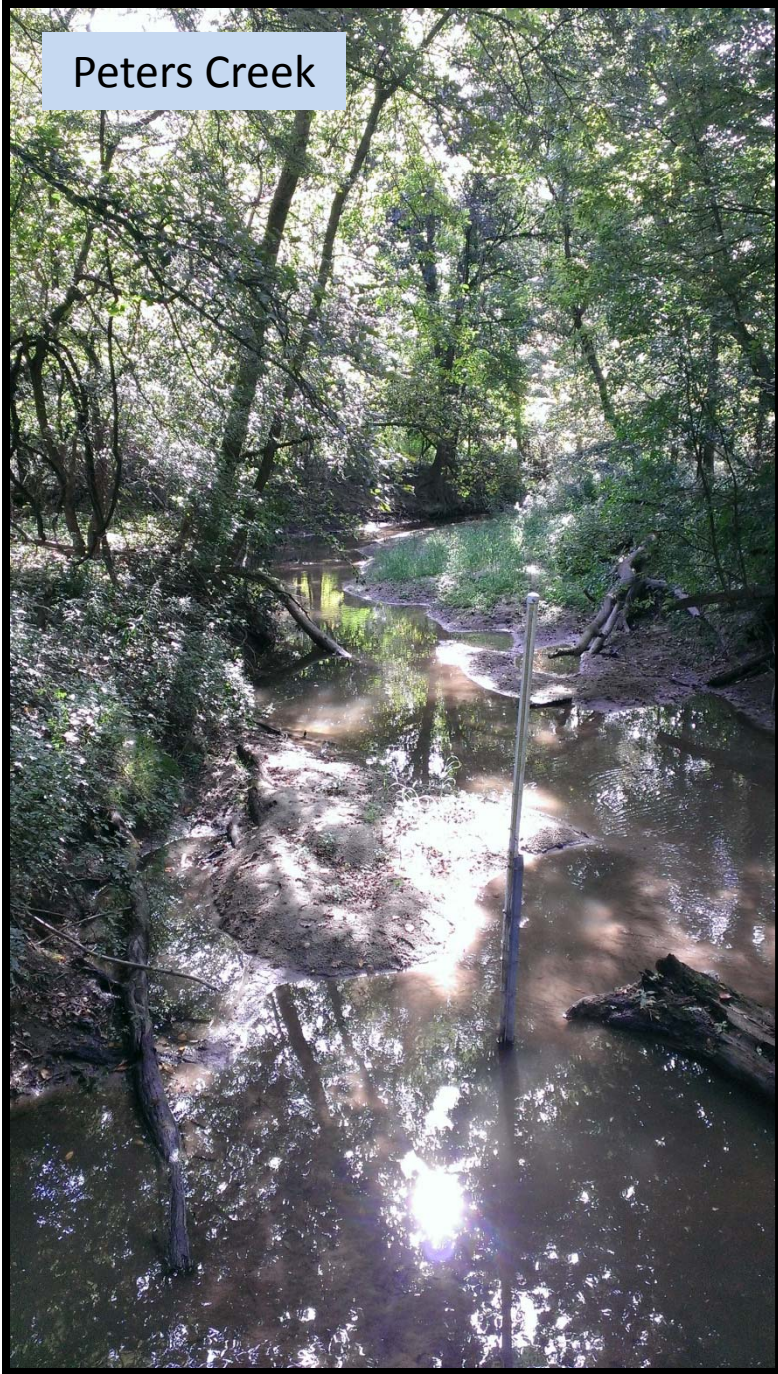
Pine Creek



North Branch



Peters Creek



South Branch



Lessons Learned

- Communication between MACC & ODCMG
 - New staff
 - Sampling locations
- Data sheet completeness
 - Developed site binders
- Community outreach
- Low water levels don't have a big impact on a successful collection