

# Chesapeake Monitoring Cooperative GIT Project Update

Filling Chessie BIBI Data Gaps

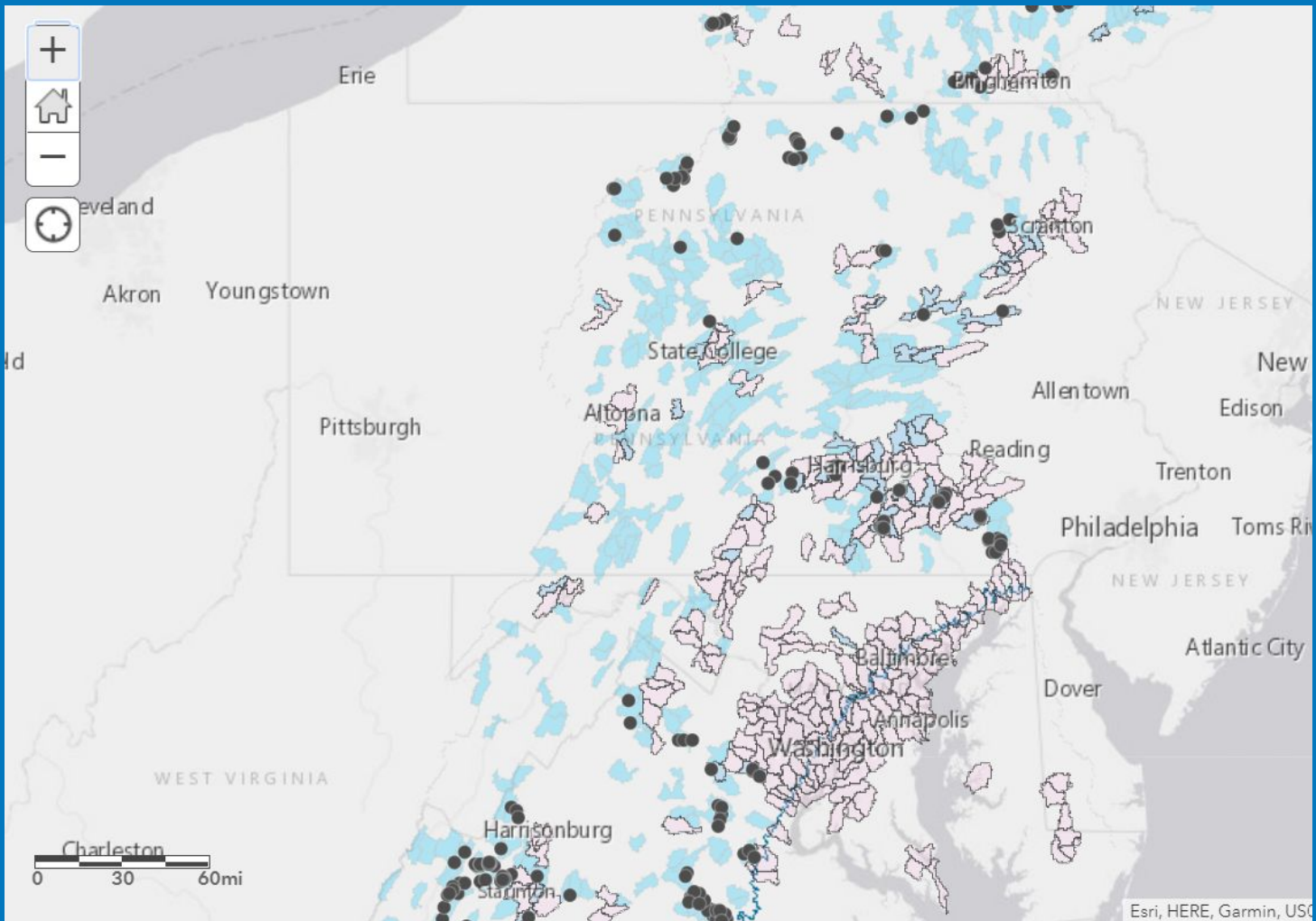
Emily Bialowas, Izaak Walton League of America

# Project Goals

- Collect 100 benthic samples from rocky bottom, HUC 12 watersheds not represented in the Chessie BIBI from 2006- 2017, in the next 6 years
- Repeat sampling at sites in “heterogeneous land use” watersheds
- Develop protocol and instructional videos for volunteers to collect and pick benthic macros
- Include volunteers in data collection next year
- Get samples processed by EPA Wheeling Lab to family-level

# Work to Date

- Protocol:
  - Tested collection protocol, with first year goal of collecting 10 samples from undersampled watersheds
  - QAPP with sampling protocol for volunteers approved
  - Working with Greg Pond on a picking method for volunteers in the field
- Mapping Work:
  - Determined definition of “heterogeneous land use”- [any watershed that has <78% forest and >3.5% impervious surface](#)
  - Built map with undersampled watersheds, heterogeneous land use, and CMC volunteer monitoring sites.



Any Comments?