

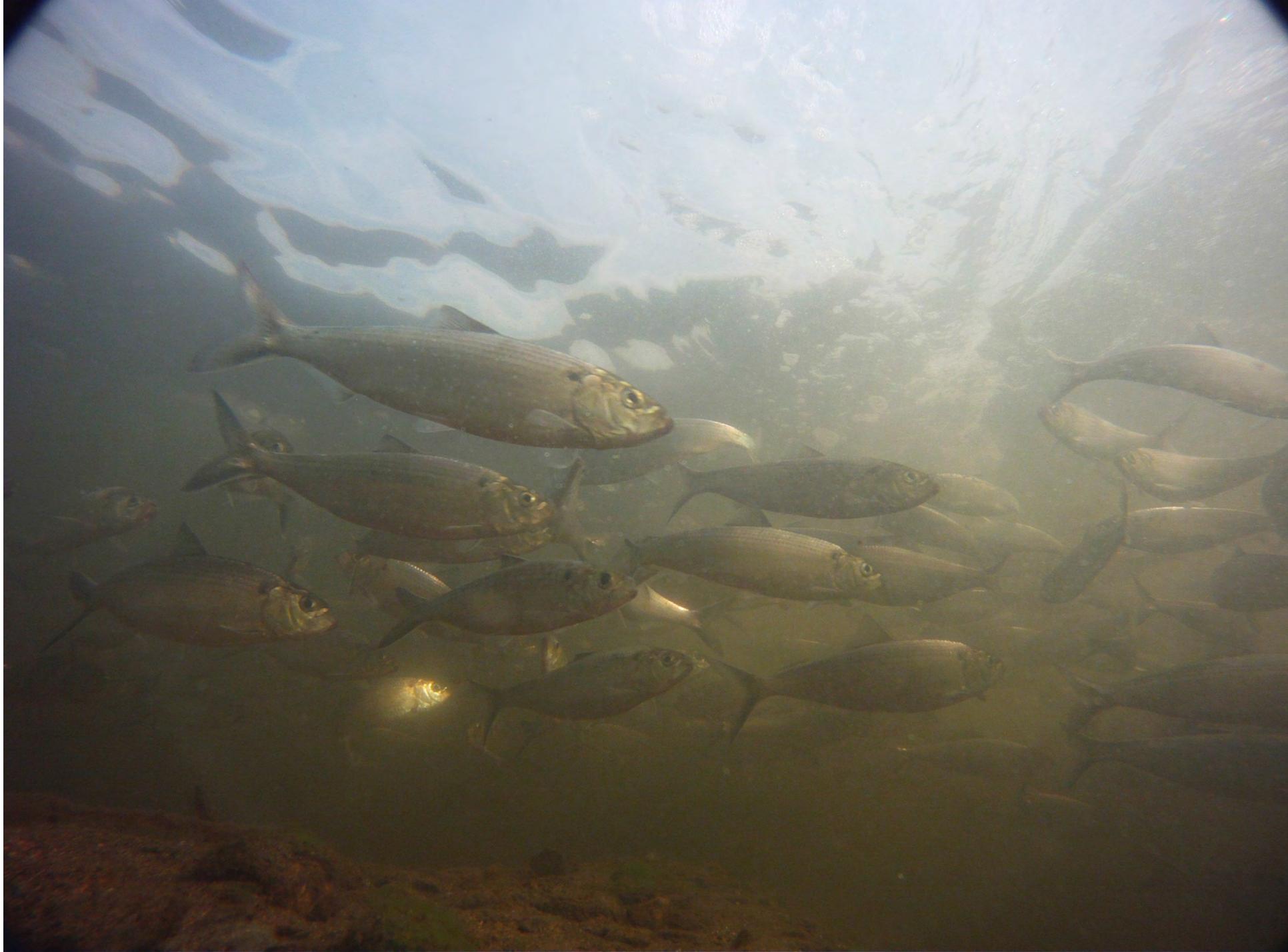
# Mystic Phosphorus Study: Background and Sampling

Mystic River Watershed Association

Mystic River Steering Committee

October 11, 2018





# The Problem



Evidence of impairment:  
Invasive plants

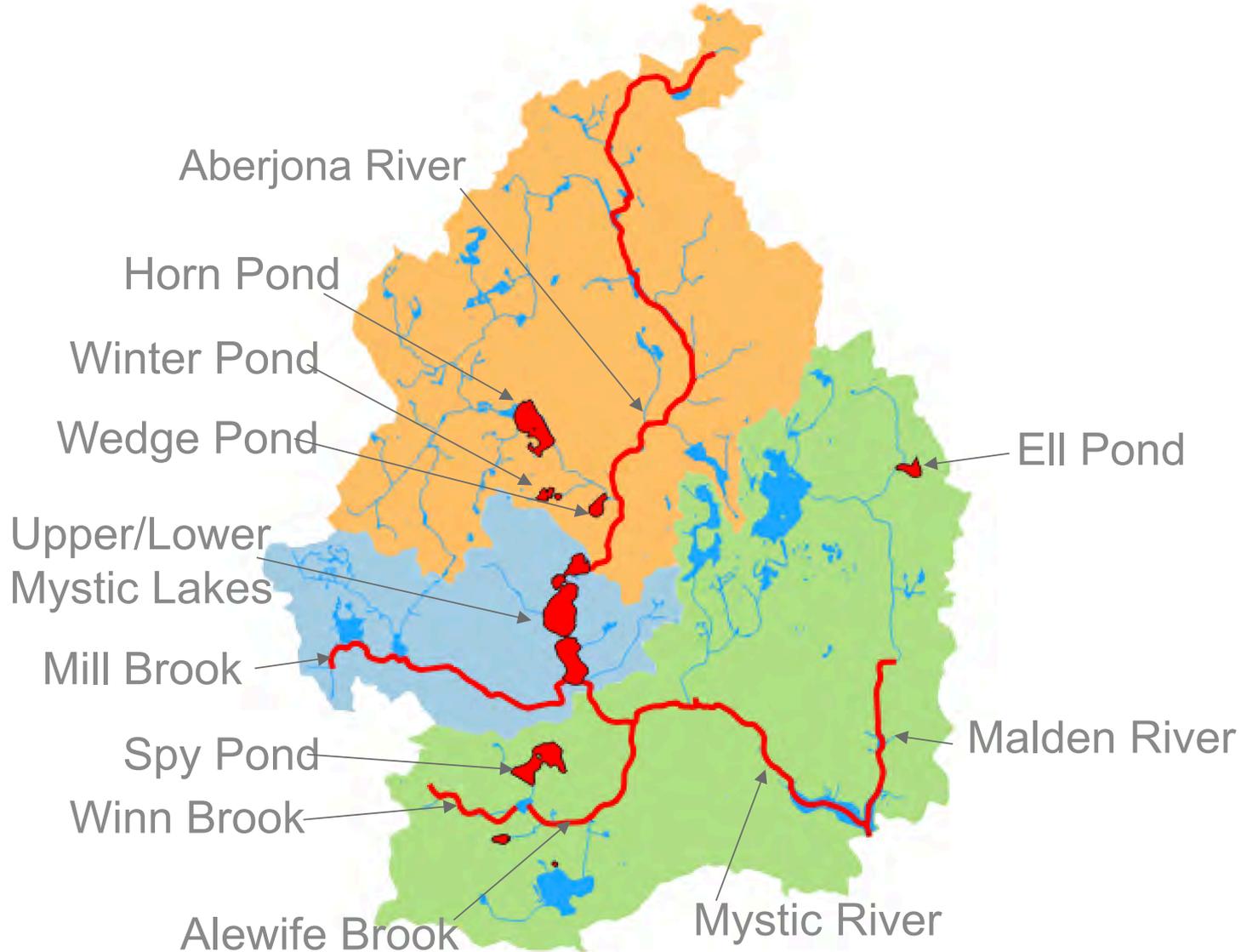
# Evidence of Impairment: Mystic River Cyanobacteria Bloom Summer 2017

SLOW  
LEAVE NO WAKE  
NO DISCHARGING



# 303(d)-listed Water Bodies in Watershed

All category 5 impairments (TMDL required) 2014



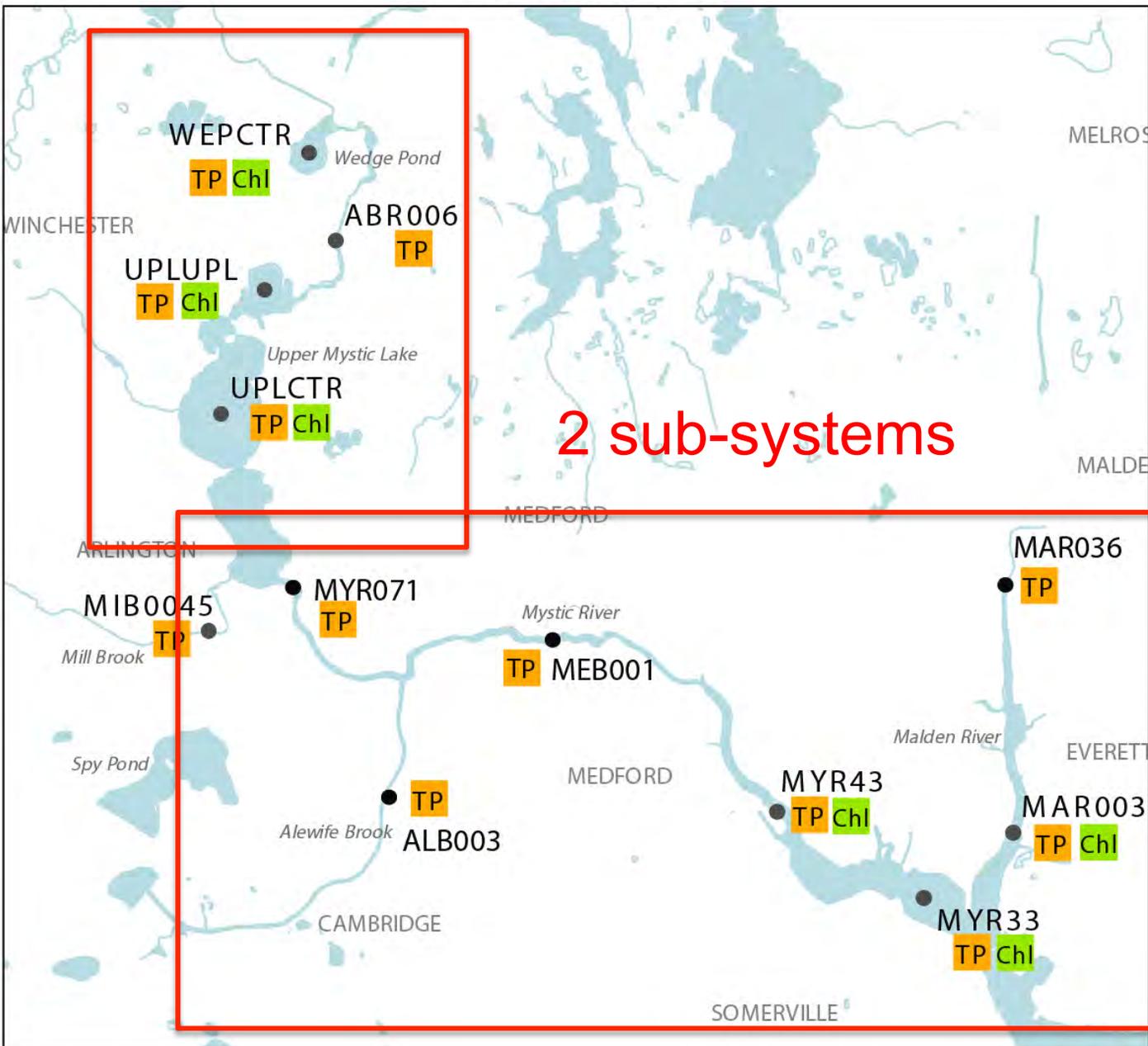
# History of project and collaborations

---

- EPA Region 1 laboratory
- Mass DEP
- USGS
- MWRA
- MyRWA
- SAP and QAPP in April 2015



# Phosphorus and chlorophyll grab sample locations 2016-2017



- 12 sampling locations
- 3 years of bi-weekly monitoring

Chl Chlorophyll-a sampling location  
TP TP grab sampling location



750+ visits  
2200+ samples  
TP, CHL, etc.

