

# Sebago Lake Water Quality 2022

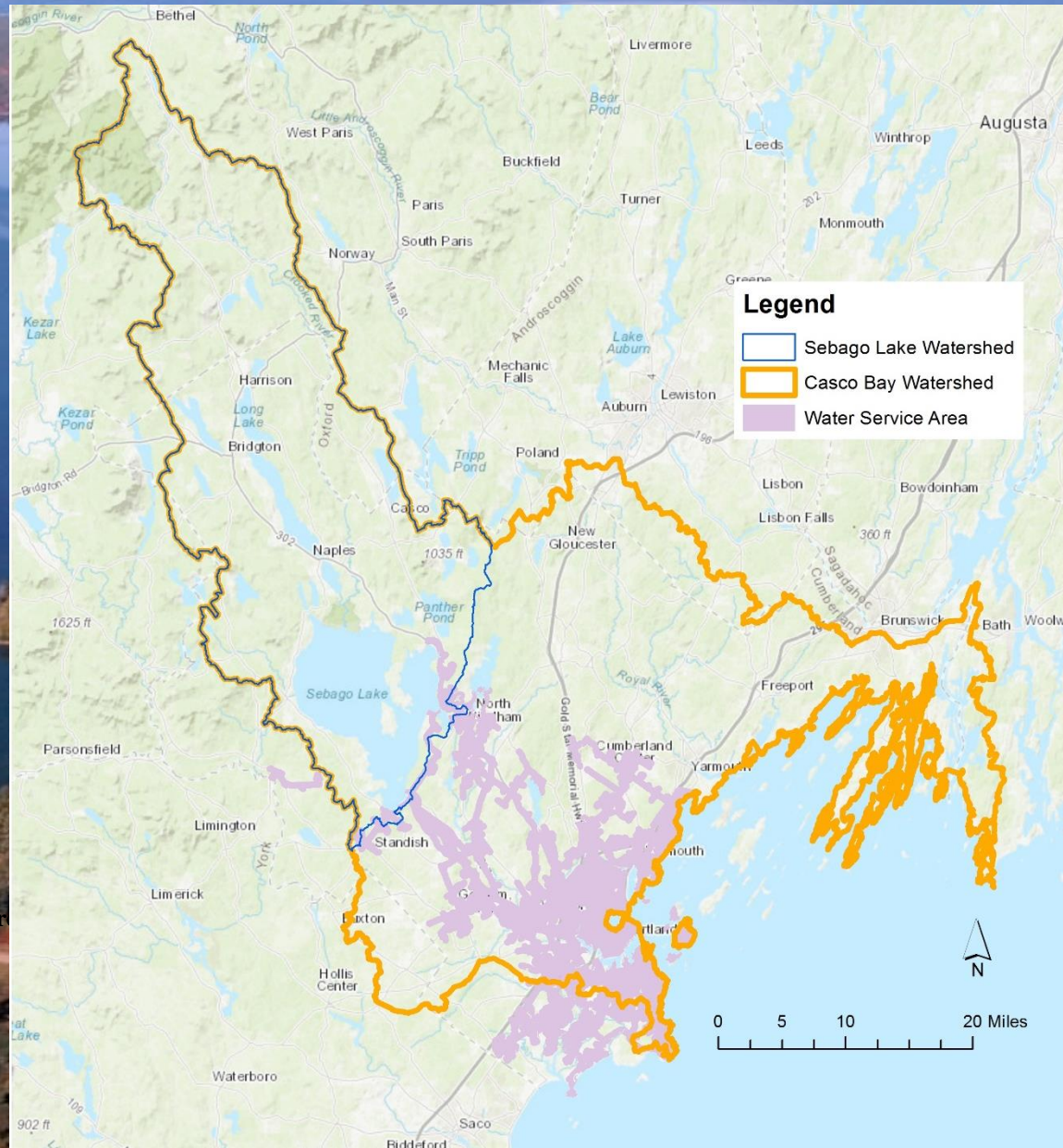
Presented by:  
Amanda Pratt  
Water Resources Specialist  
Portland Water District



**Portland Water District**  
*FROM SEBAGO LAKE TO CASCO BAY*

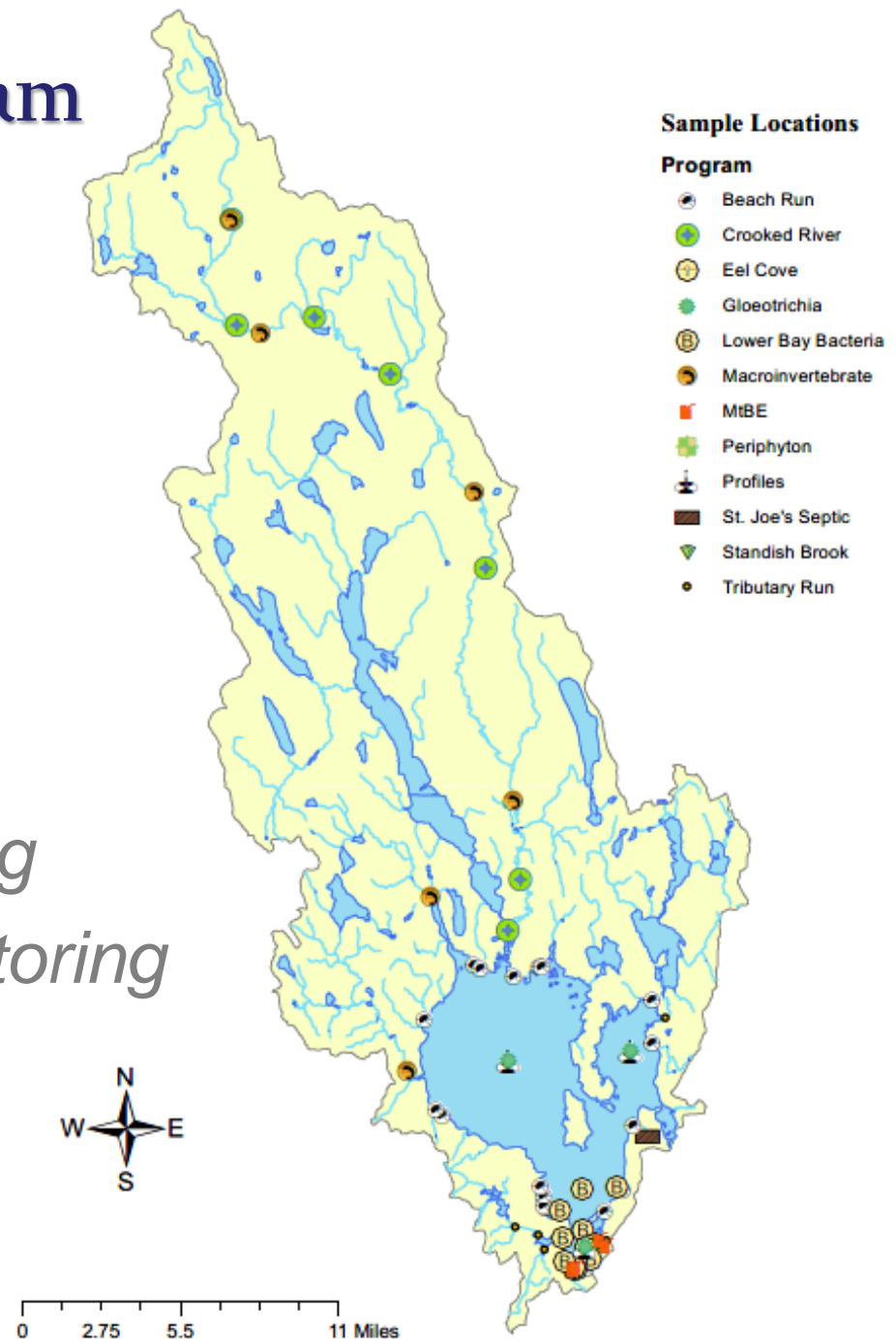
Casco Bay Estuary Partnership  
Monitoring Network Meeting  
May 11, 2023

# Watershed Location & Water Service Area



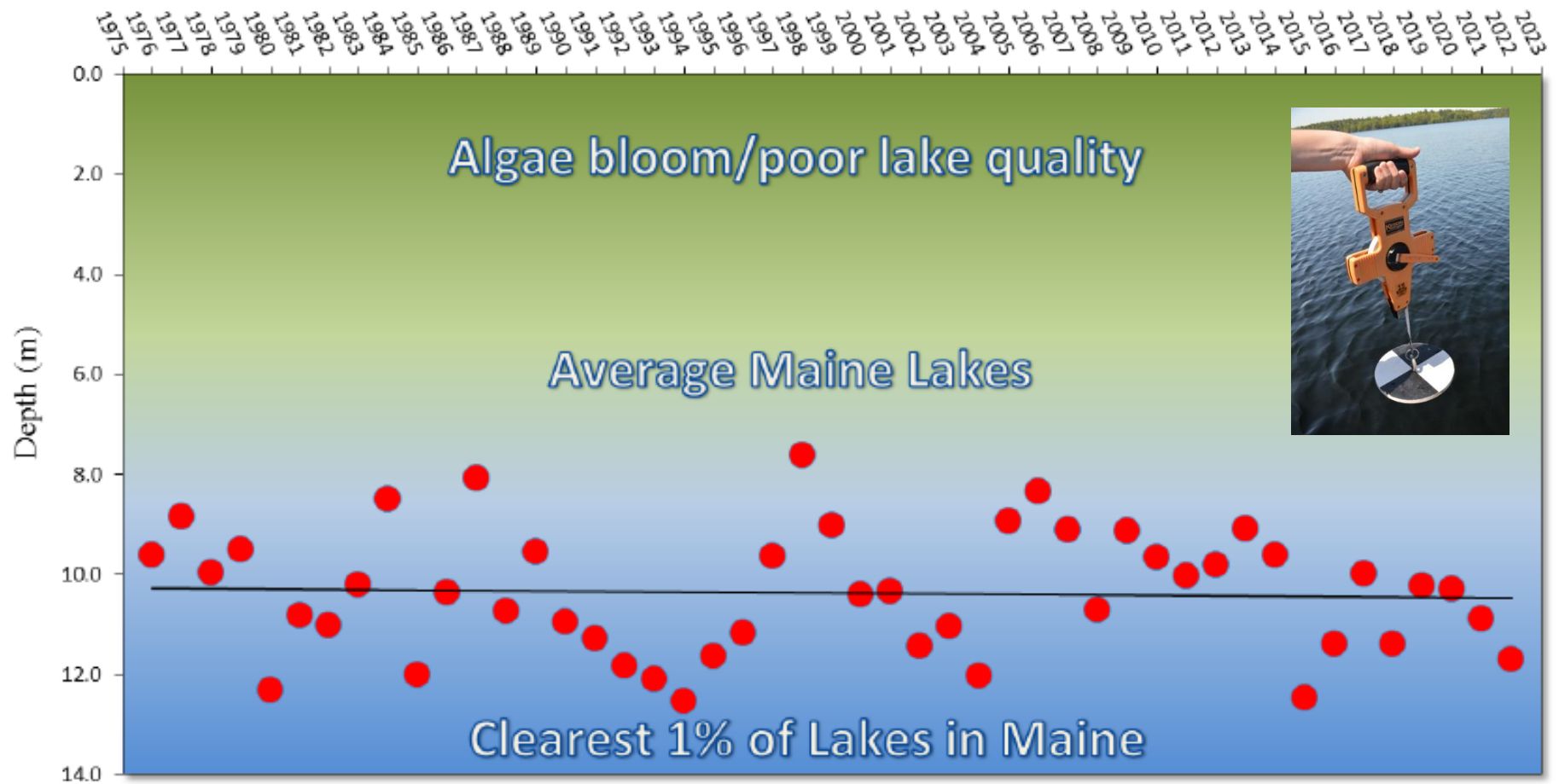
# PWD Monitoring Program

- Lake Profiles
- Monitoring Buoy
- Ice Out Dates
- *Lower Bay Bacteria*
- *Biological Monitoring*
- *Tributary Sampling*
- *Crooked River Sampling*
- *Swimming Beach Monitoring*
- *Algae/Gloeotrichia*
- *MtBE*



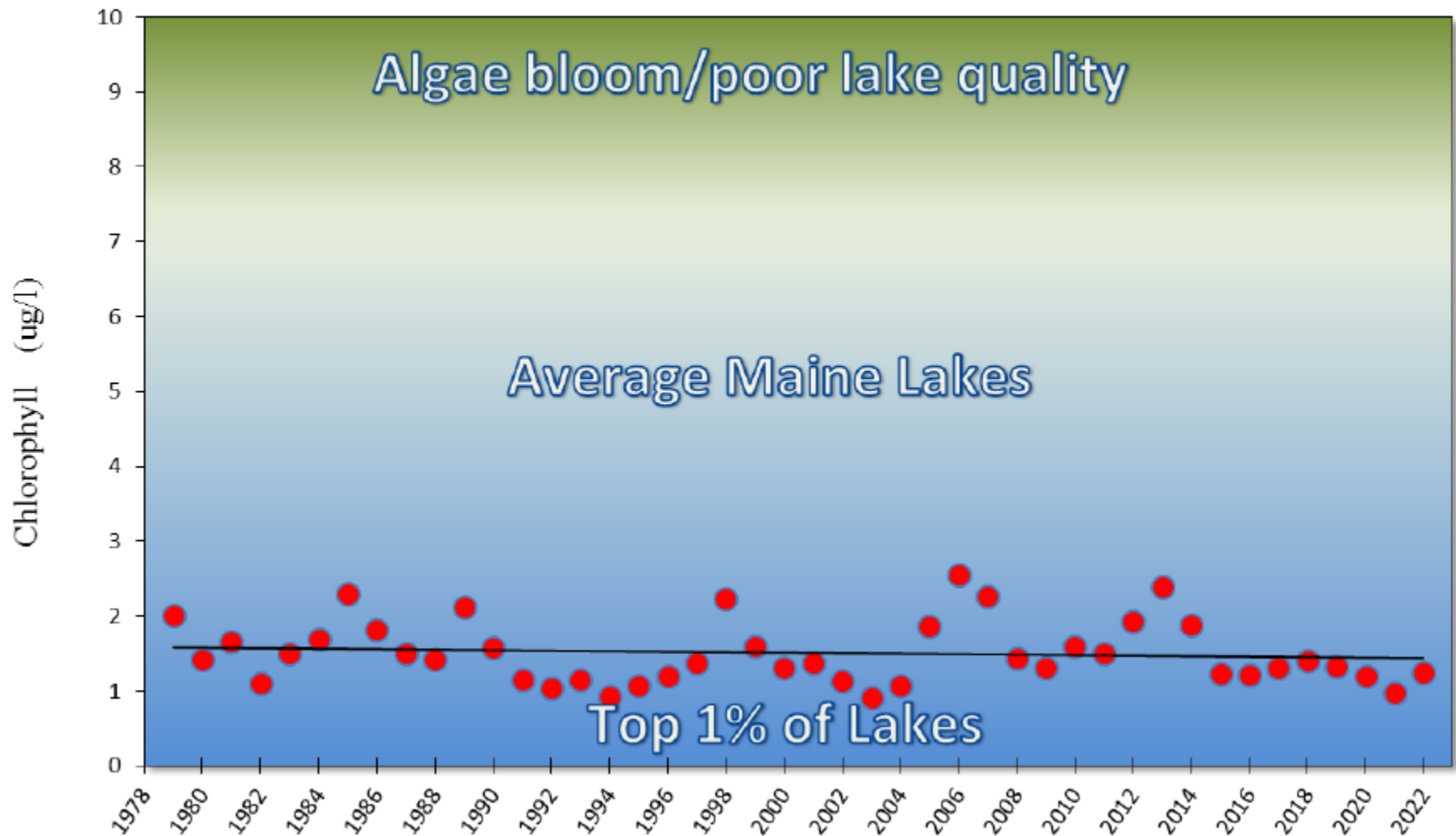
# Water Clarity

## Sebago Lake Lower Bay Secchi Disk Transparency Yearly Average



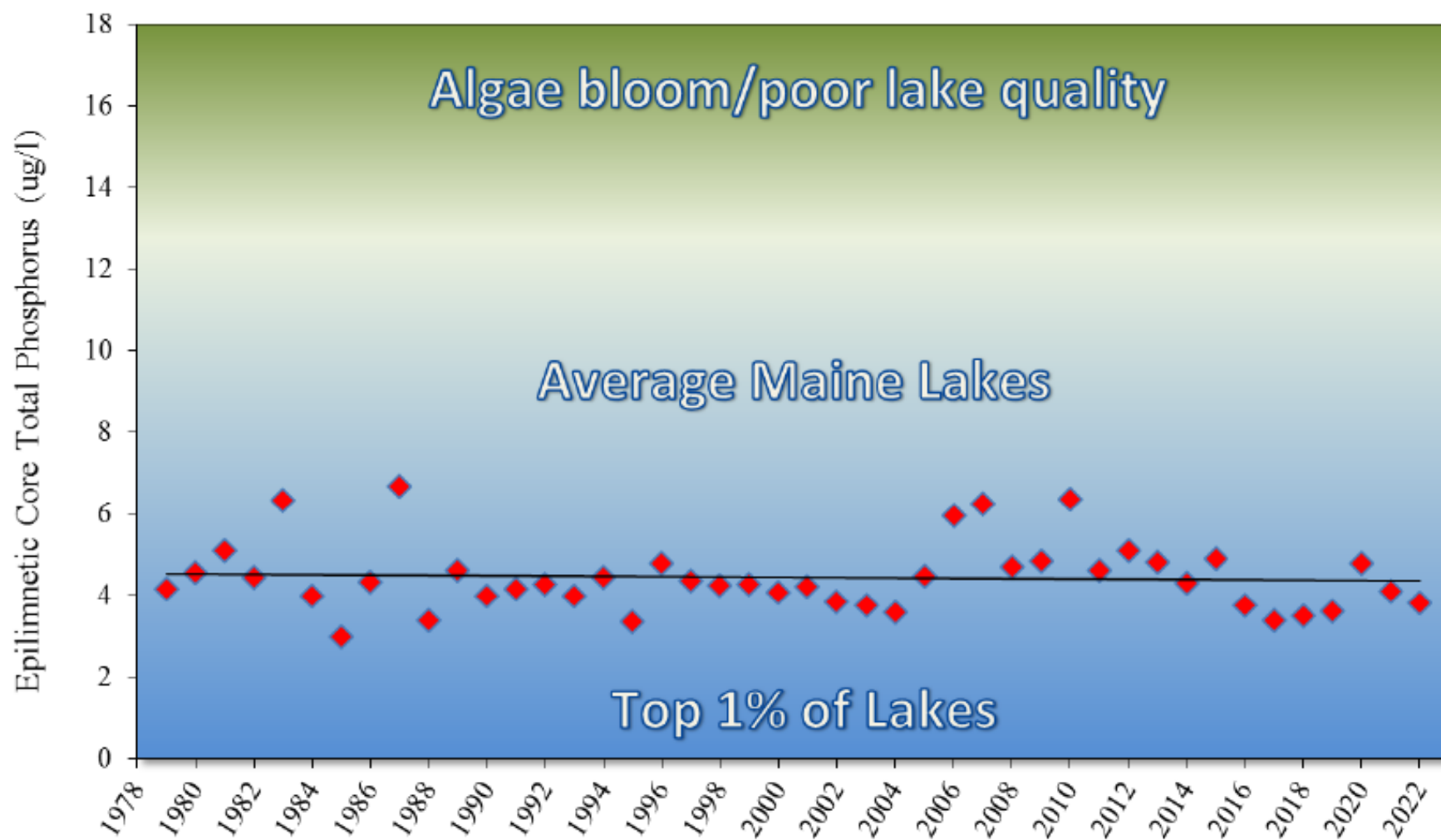
# Chlorophyll Data

## Sebago Lake Yearly Average Lower Bay Chlorophyll



# Phosphorus Data

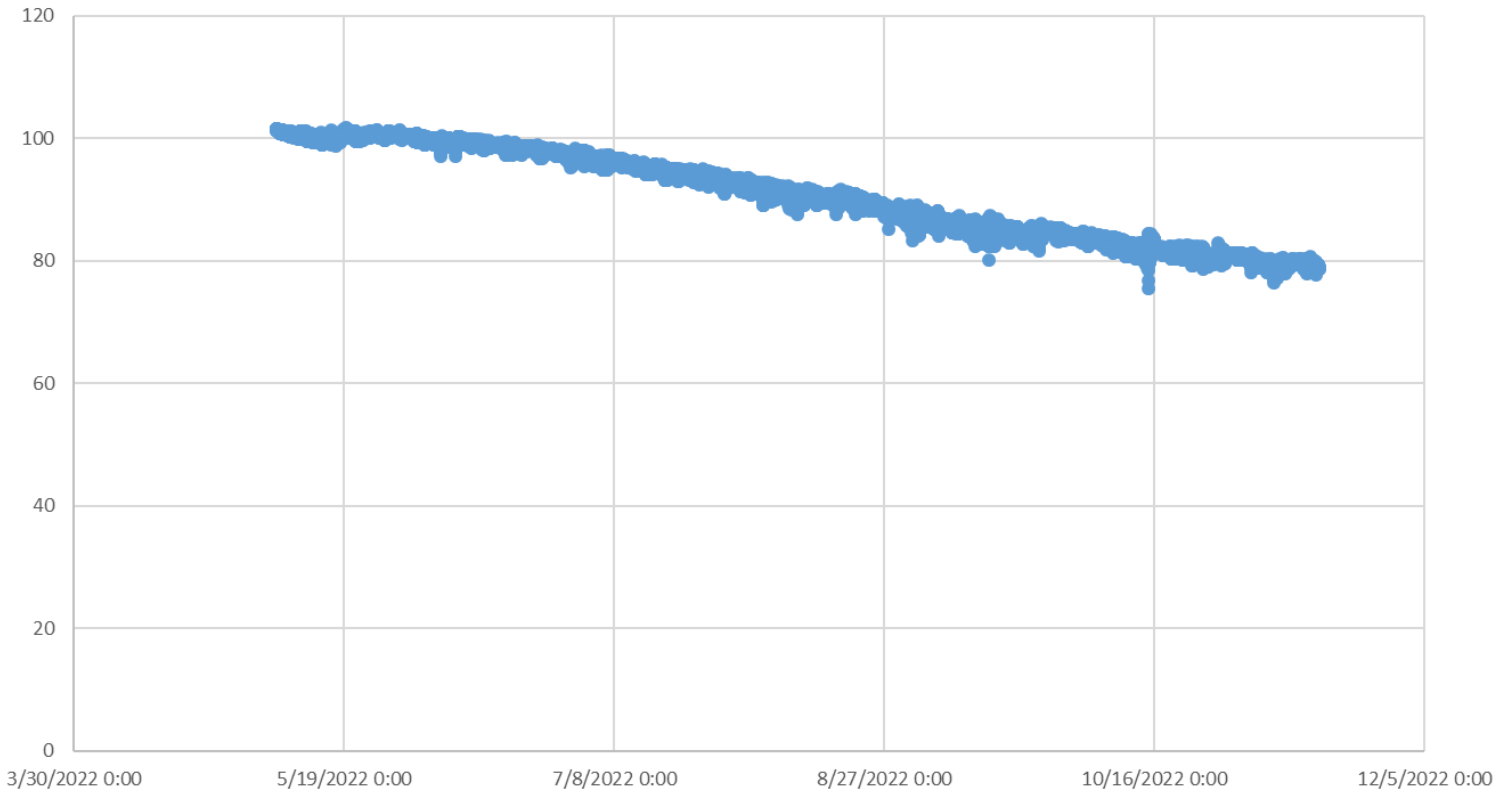
## Sebago Lake Lower Bay Total Phosphorus



# Monitoring Buoy



Lower Bay Oxygen Percent Saturation 125' Depth



# Trends in Ice-Out Data

## Sebago Lake: Big Bay Ice Out Date

