



Friends of Casco Bay  
Casco BAYKEEPER

# Casco Bay Estuary Partnership Monitoring Network May 14, 2024

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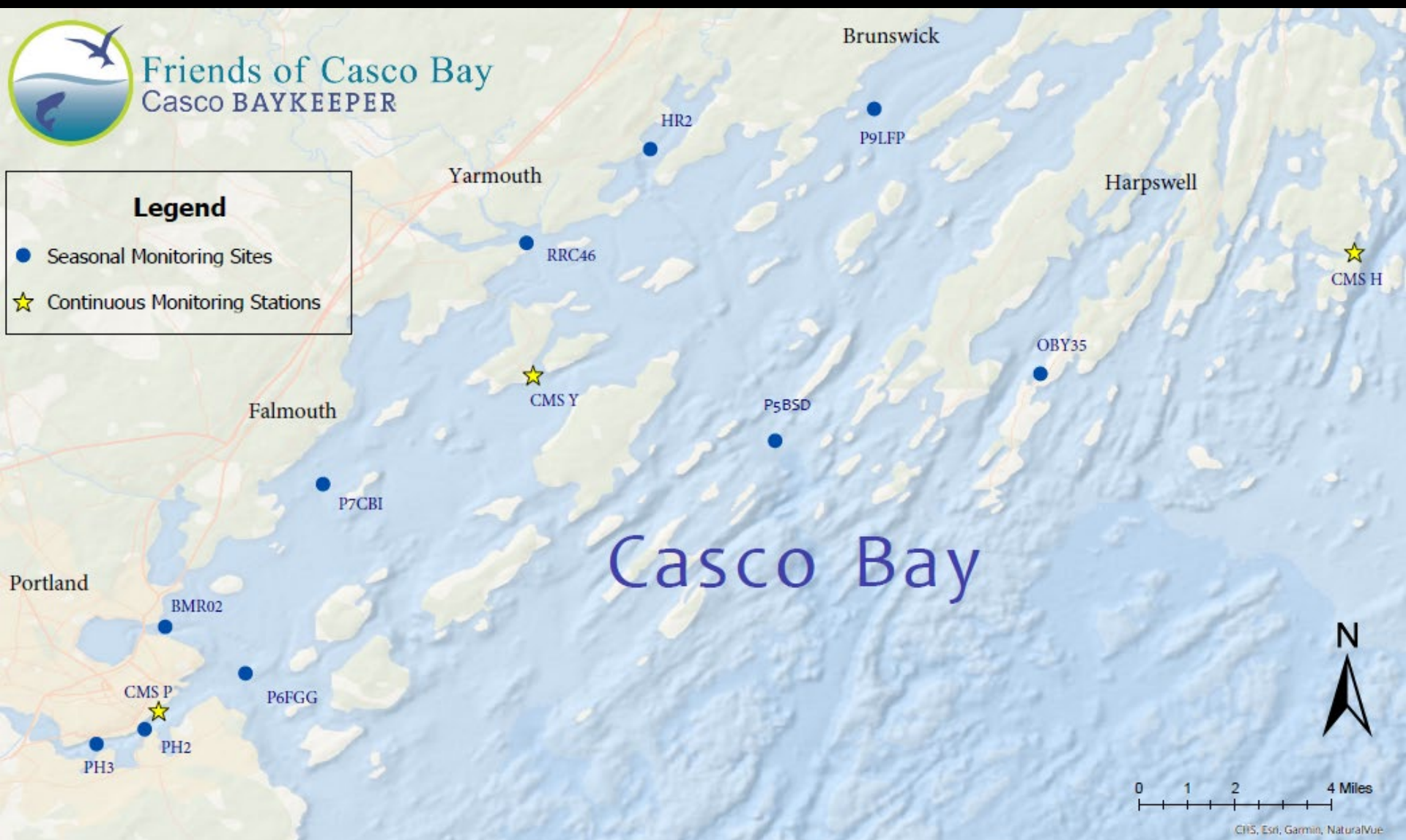


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## Casco BAYKEEPER

### Legend

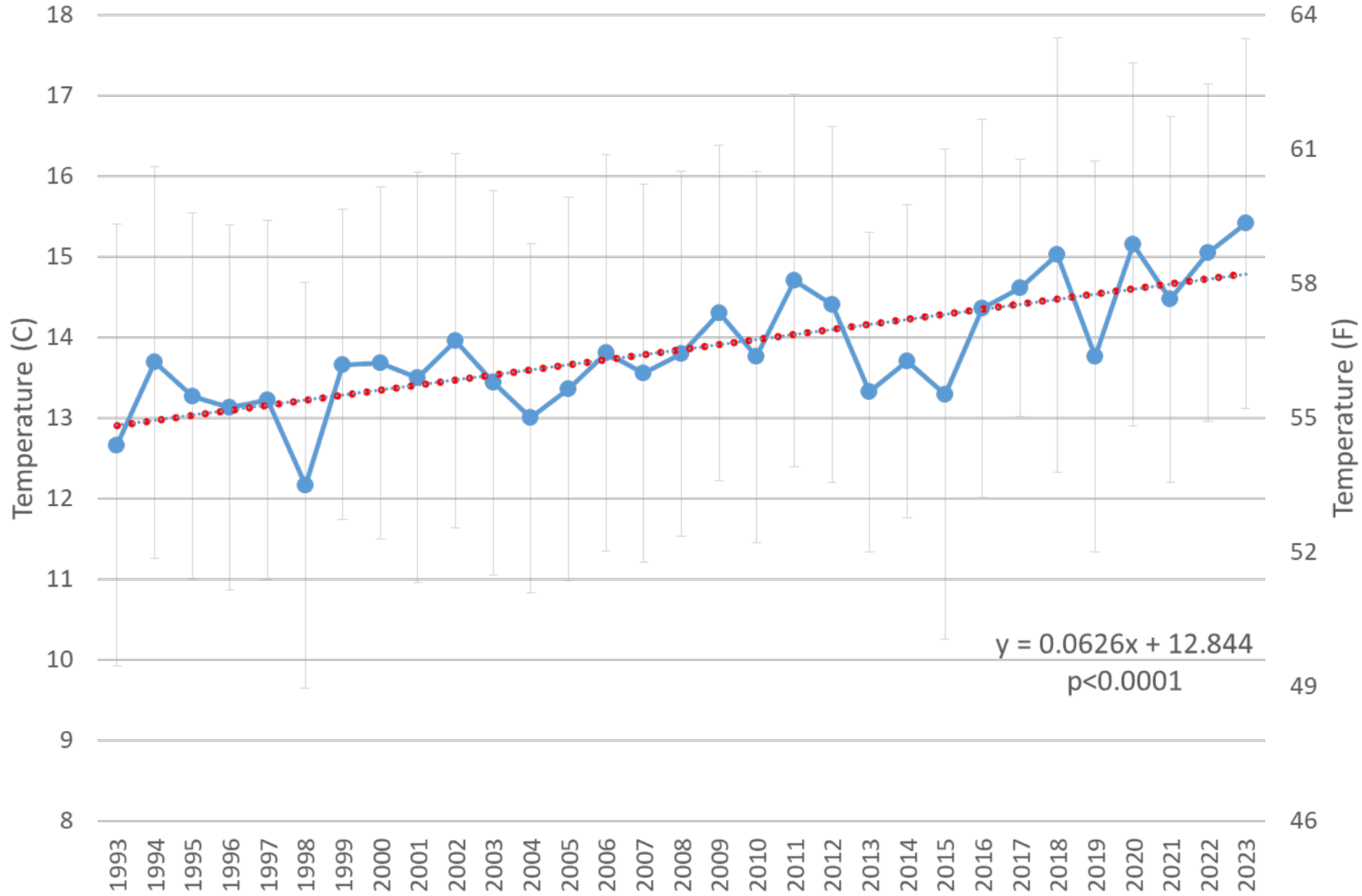
- Seasonal Monitoring Sites
- ★ Continuous Monitoring Stations



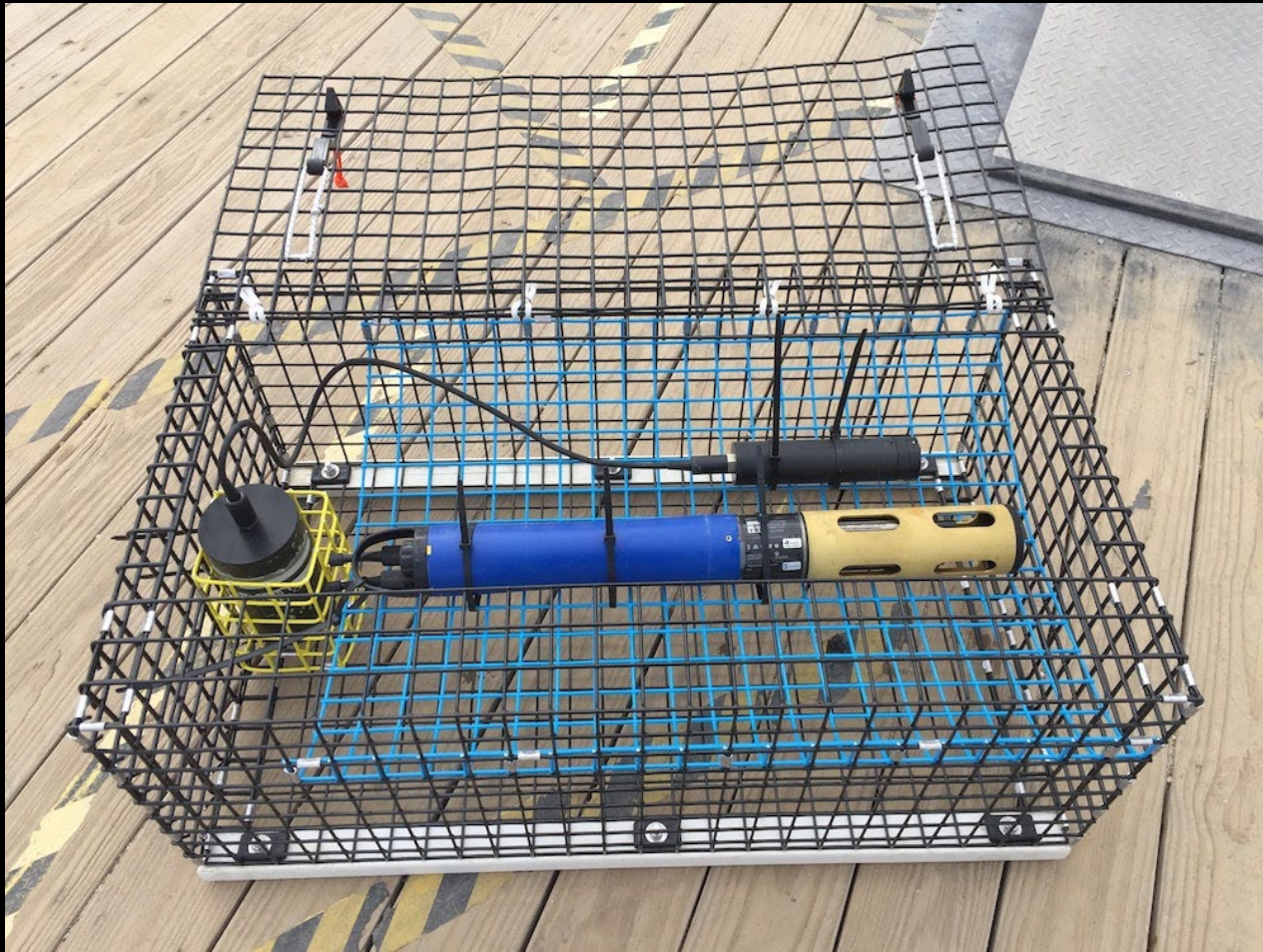


# Sentinal Site Water Column Temperature Data

## June through October Annual Averages



# Continuous Monitoring Station





# Accuracy of pH Sensor





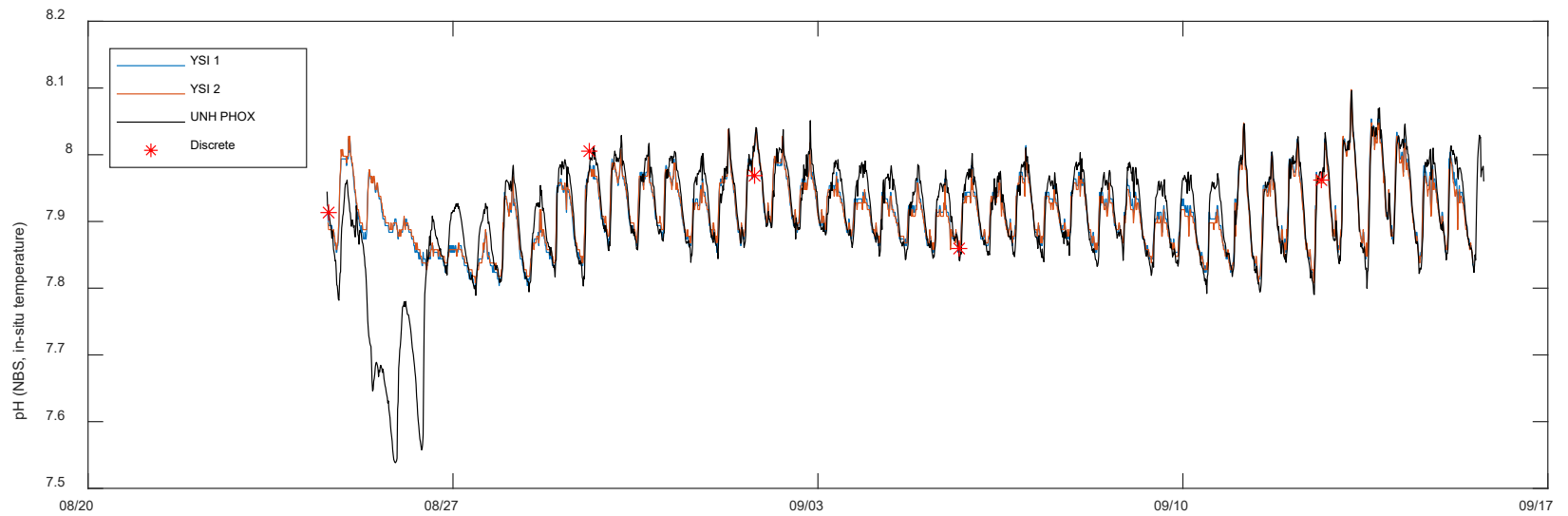
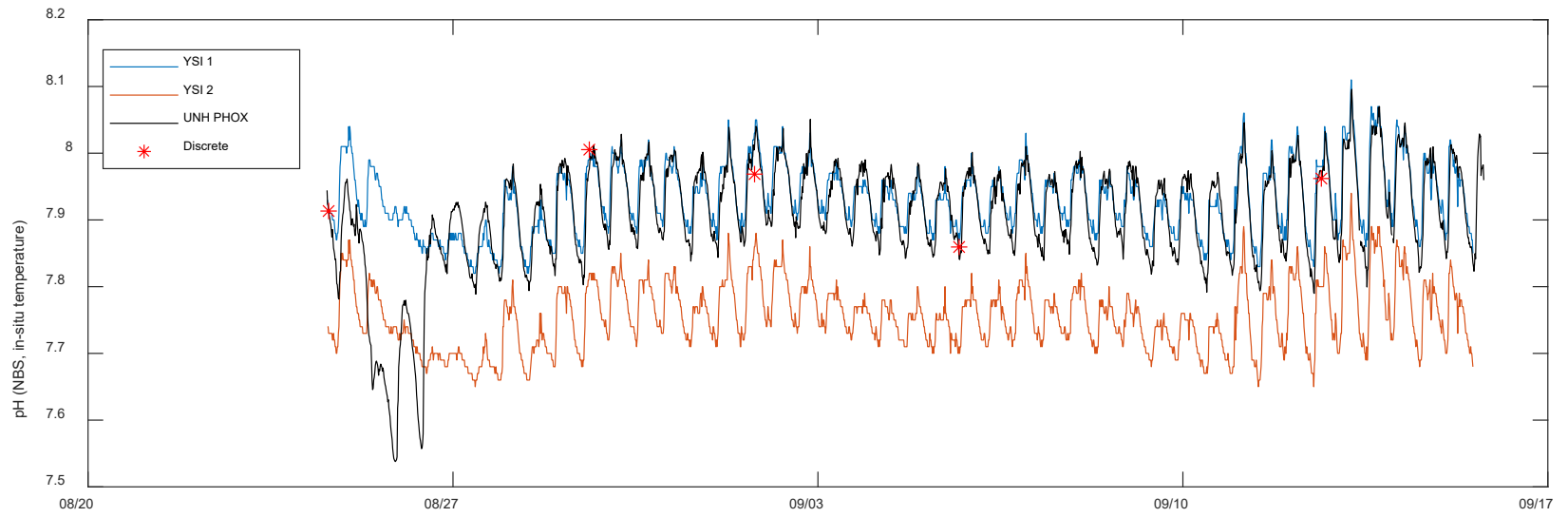
# Accuracy of pH Sensor





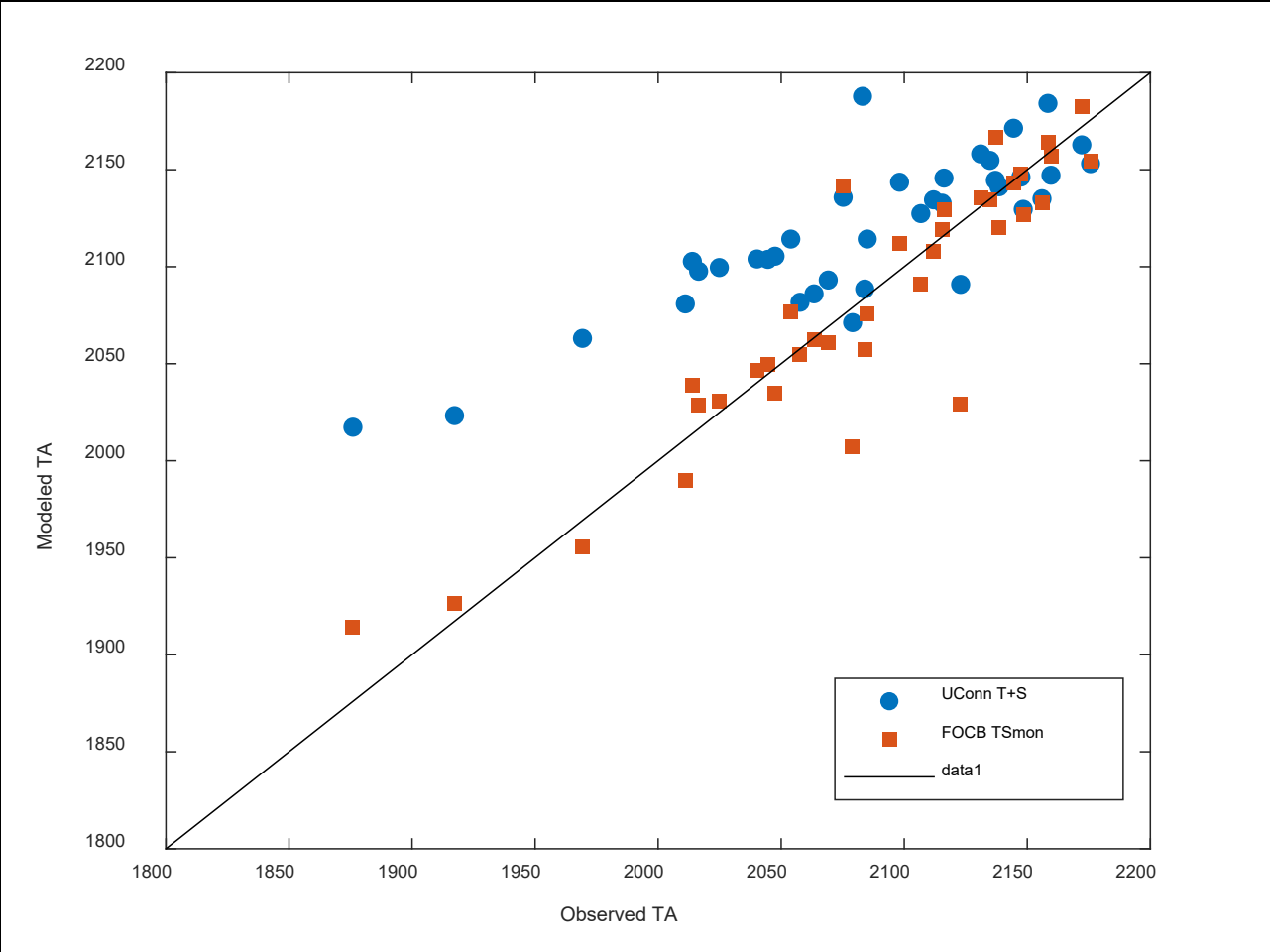
# Accuracy of pH Sensor and Second Acidification Parameter



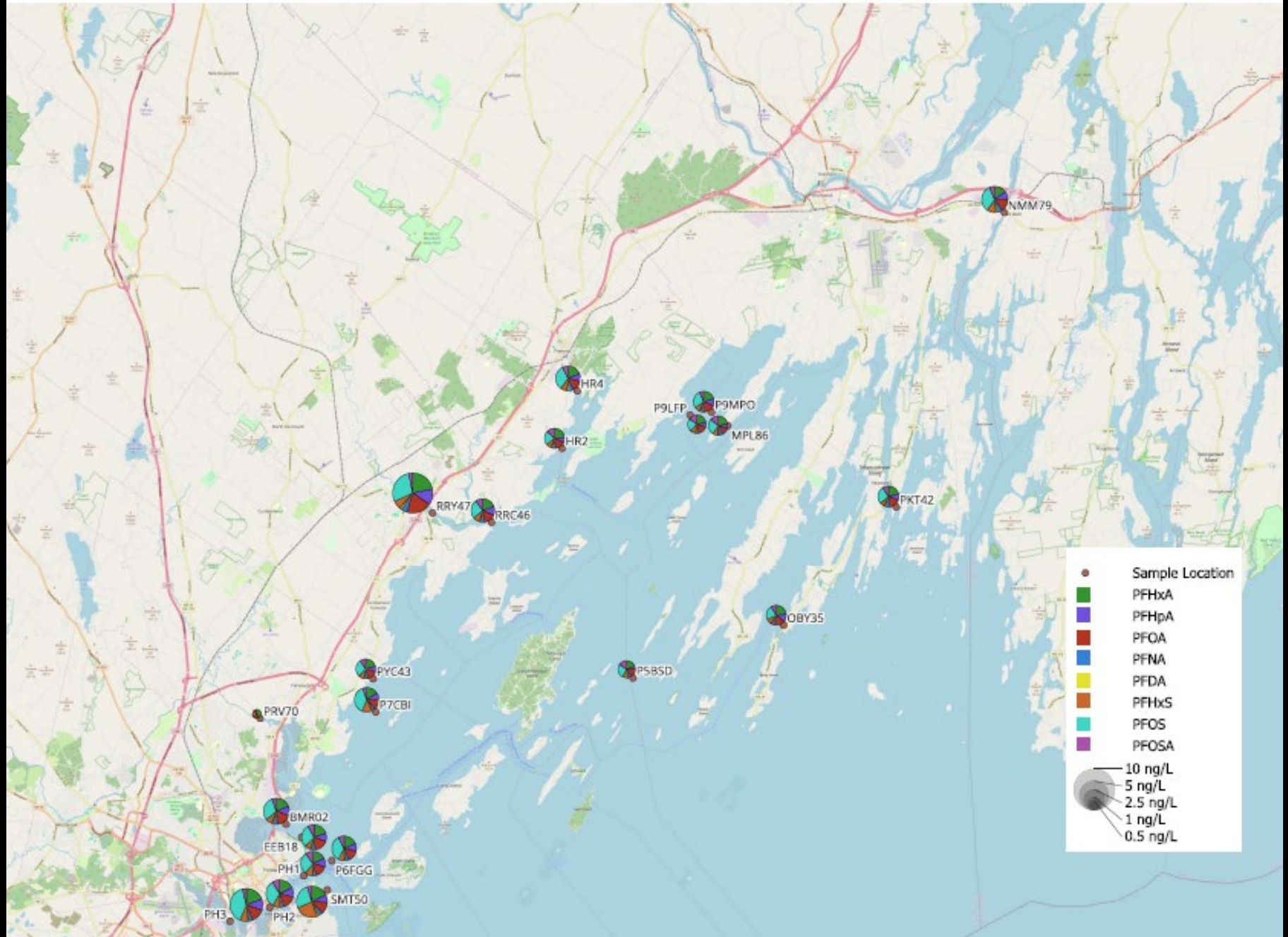




# Casco Bay Specific Regression



# Averaged 2023 FOCSB Sampling: Sum of 8 PFAS (PFHxA, PFHpA, PFOA, PFNA, PFDA, PFHxS, PFOS, PFOSA)







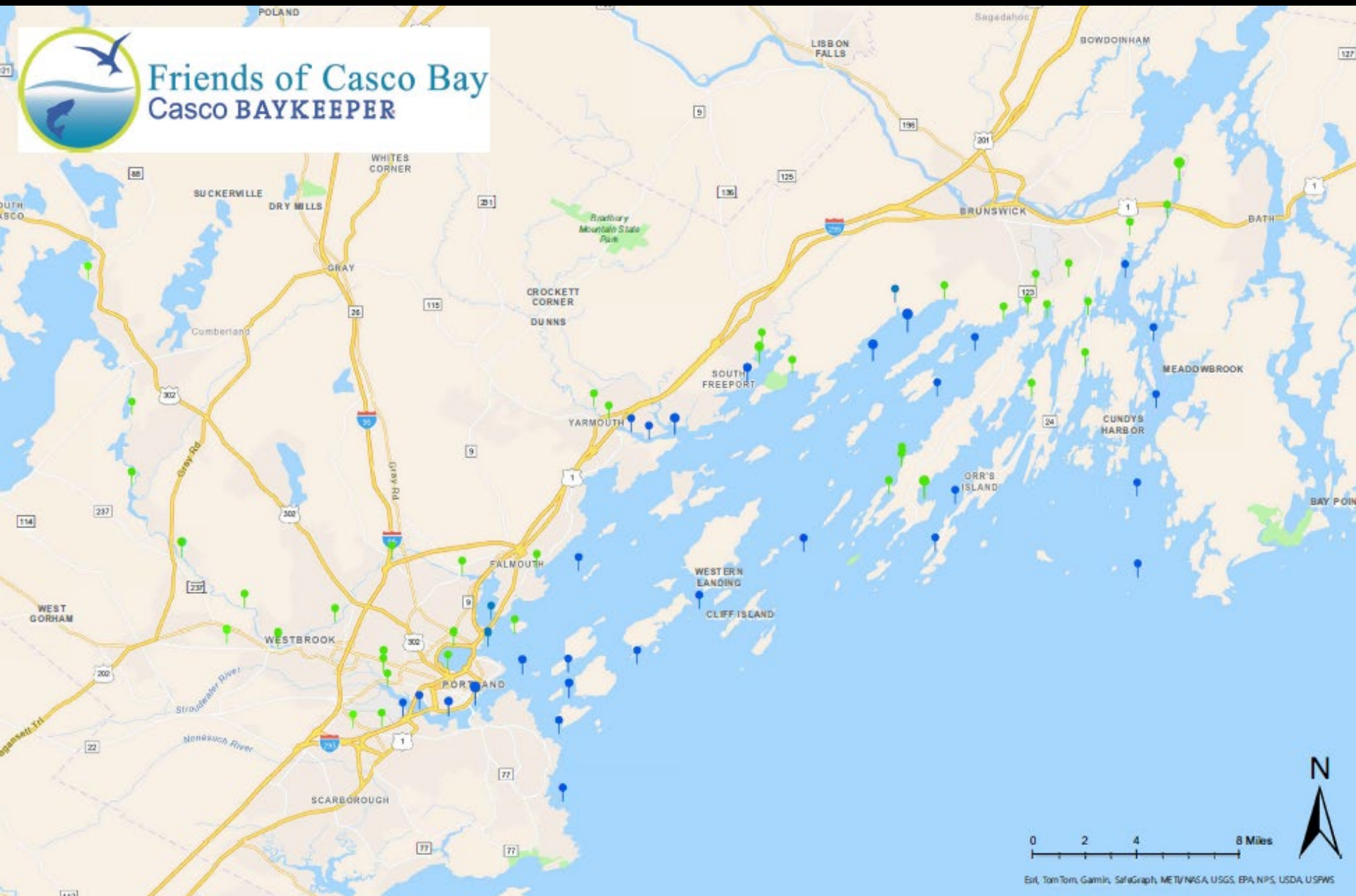
Part 1:  
Stakeholders  
and  
Sampling





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Esri, TomTom, Garmin, SafeGraph, MET/NASA, USGS, EPA, NPS, USDA, USFWS



An aerial photograph showing a large body of water, likely a bay or lake, with a dense forested island in the center. In the foreground, a modern, multi-story building with a curved facade is situated on a grassy area, surrounded by trees. The sky is blue with scattered white clouds. The text "Part 2: PFAS Analysis" is overlaid on the left side of the image.

Part 2:  
PFAS Analysis





Part 3:  
Stakeholder  
Participation



Thank You!

