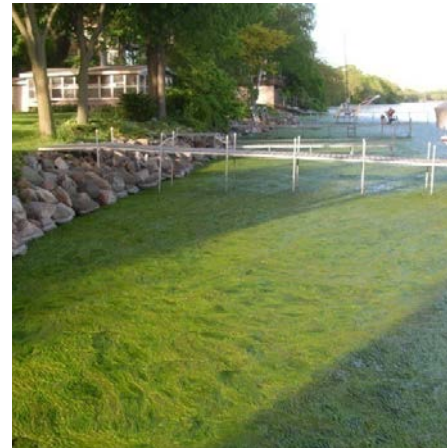


Clean Shorelines



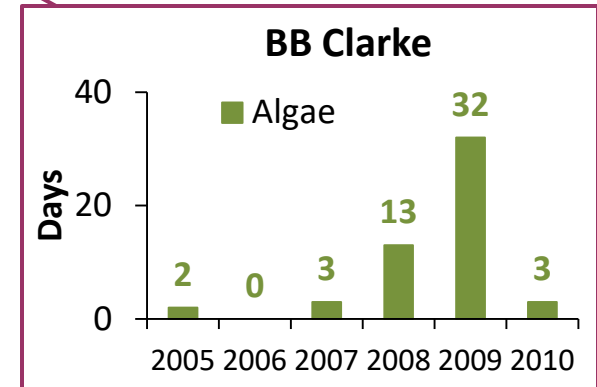
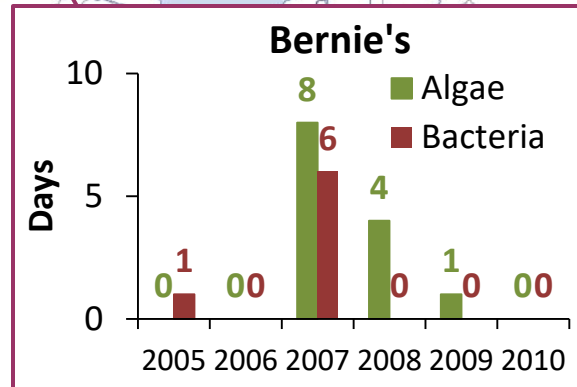
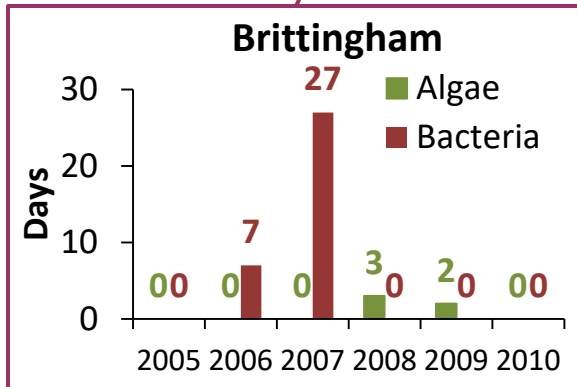
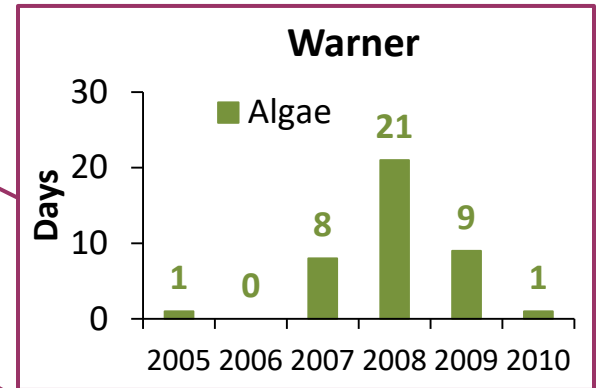
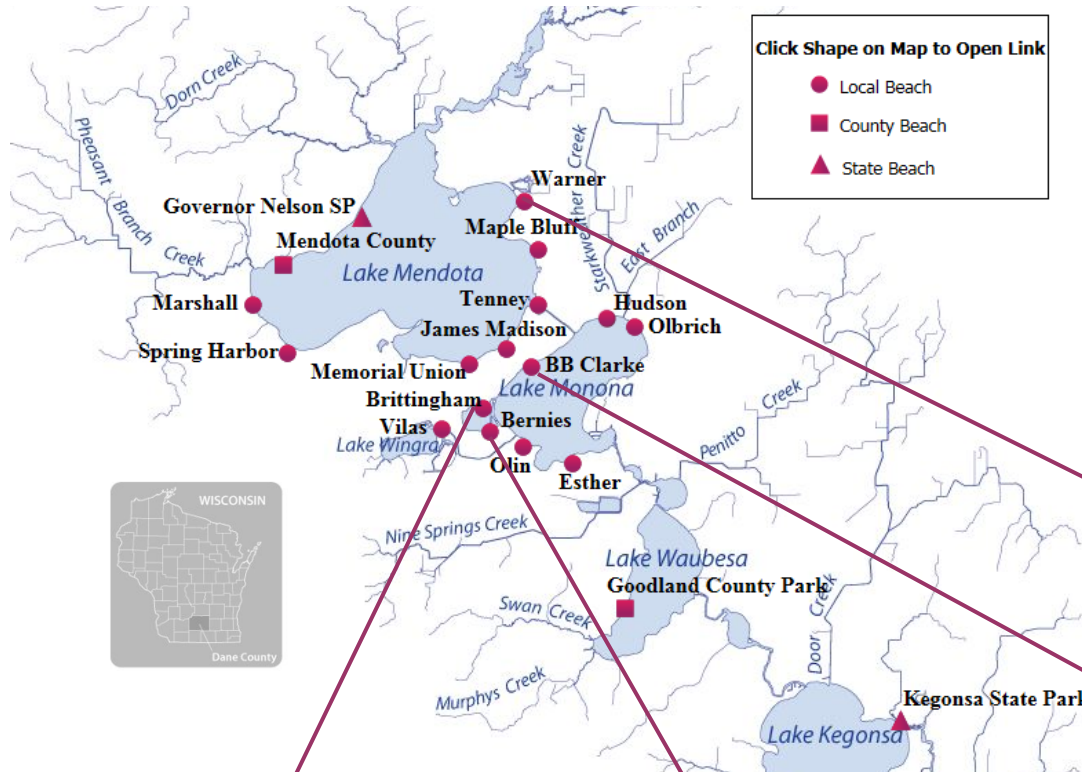
City of Madison Parks Commission - April 25, 2018

John Reimer

Dane County Land & Water Resources

Motivations

Causes



Madison Beaches were **Closed** ~120 days/year or ~10 days/year/beach

Beach Management

ALGAL SCUM

INTERCEPTOR

DEFLECTOR

EXCLOSURE

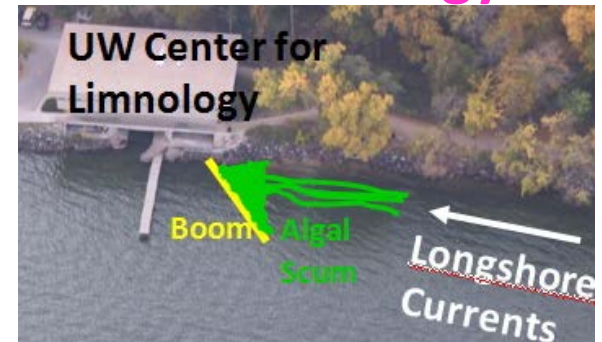
ASIDE



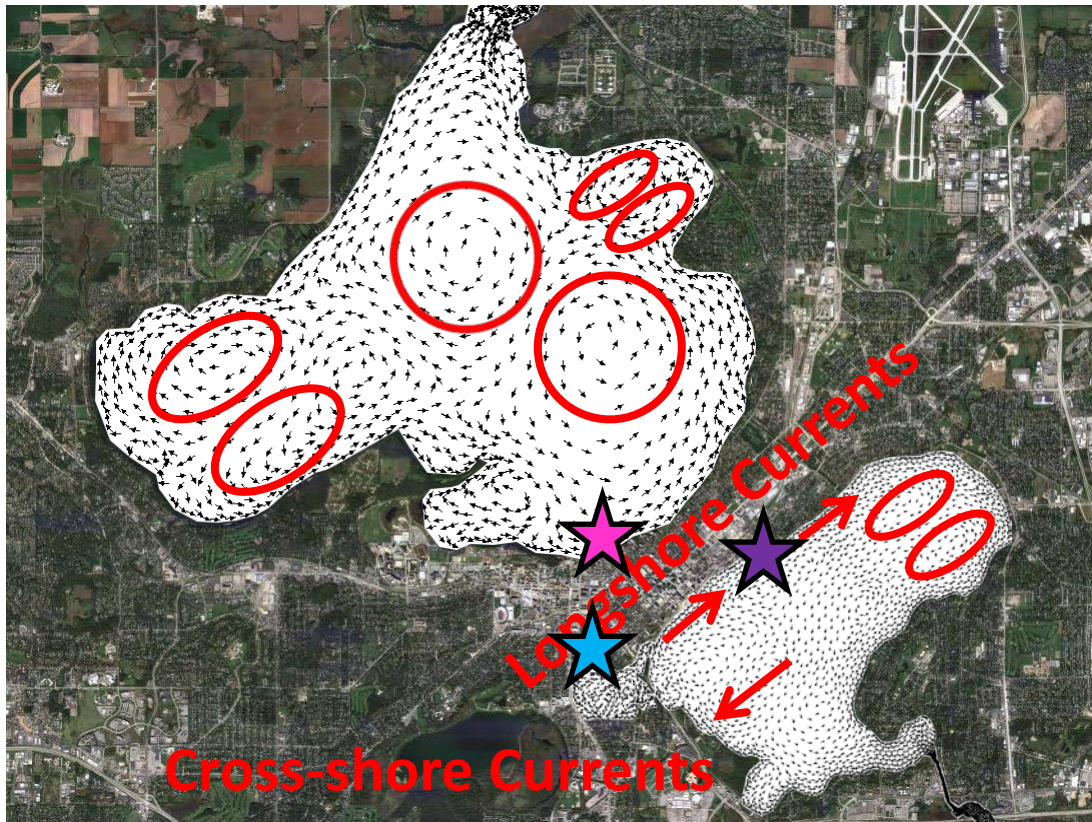
Brittingham Beach



UW-Limnology

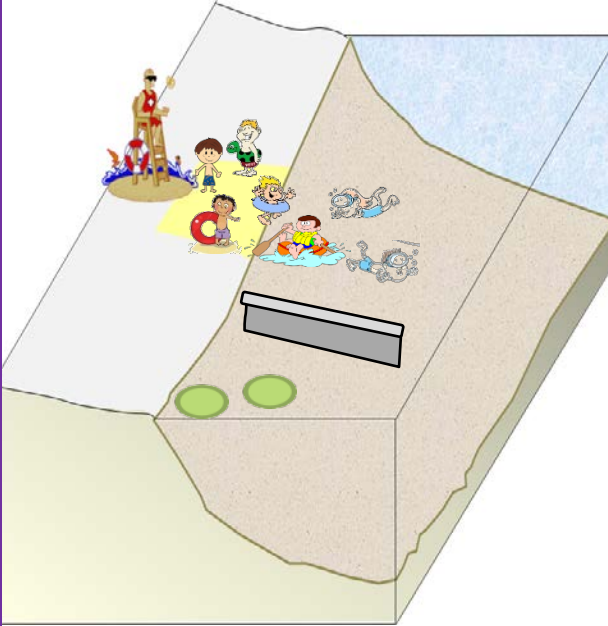


BB Clark Beach

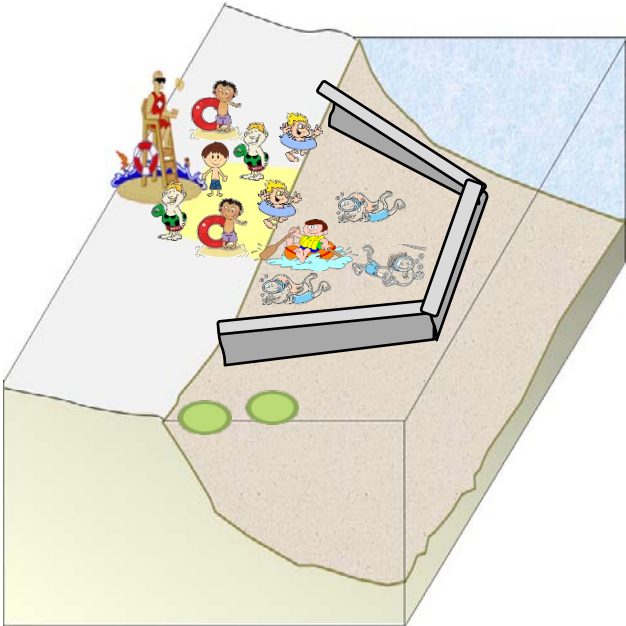


Alternatives for Clean Shorelines

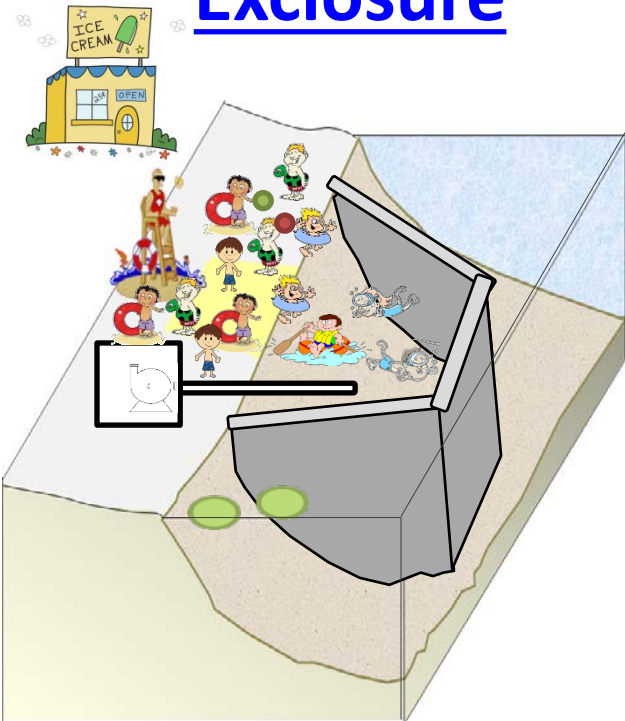
Interceptor



Deflector

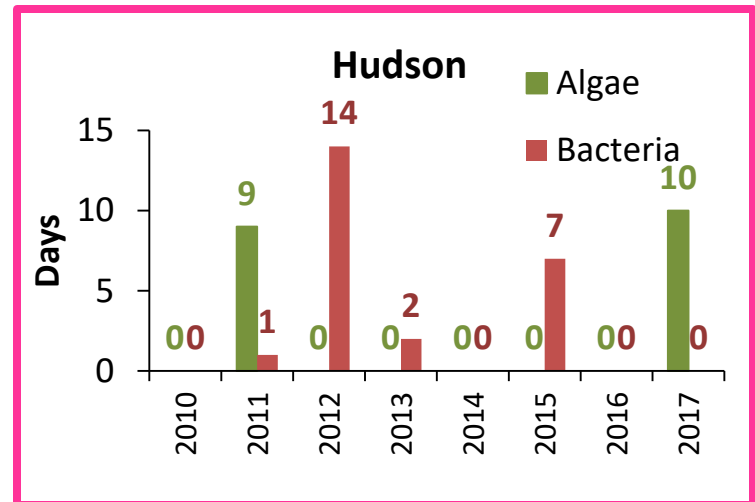
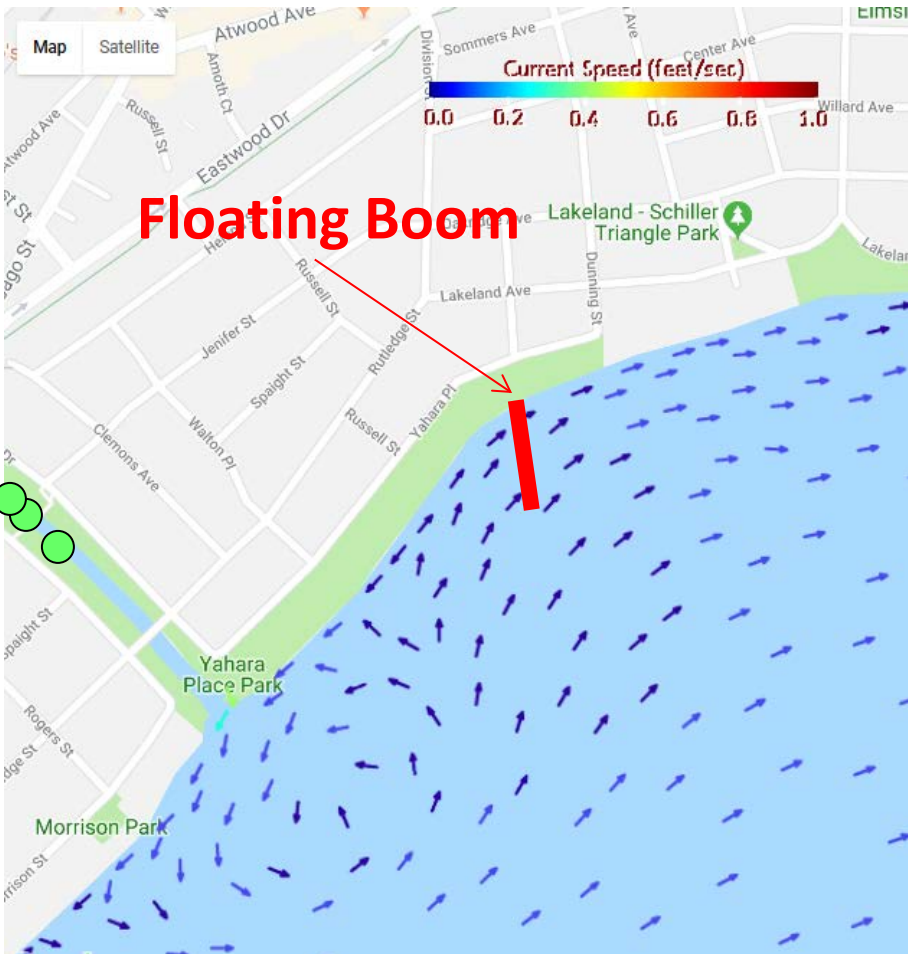


Enclosure



Interceptor Site Location

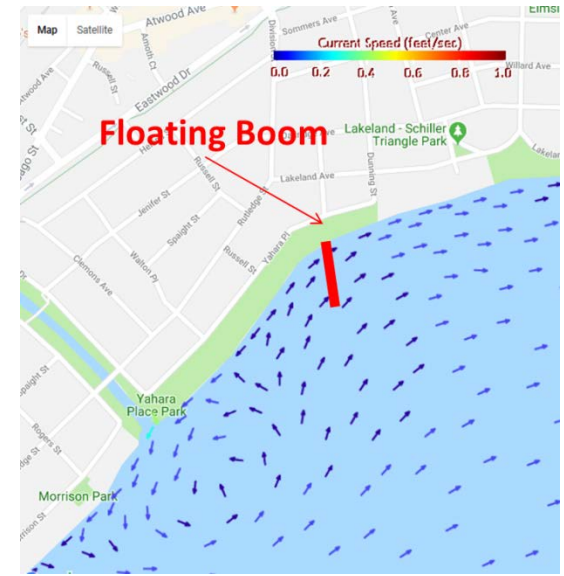
Yahara Place



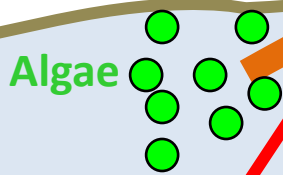
Removal System



Webcam



Floating Boom



Algae

Pump

Prime Intake

Sanitary Structure

Mesh basket to collect trash/debris

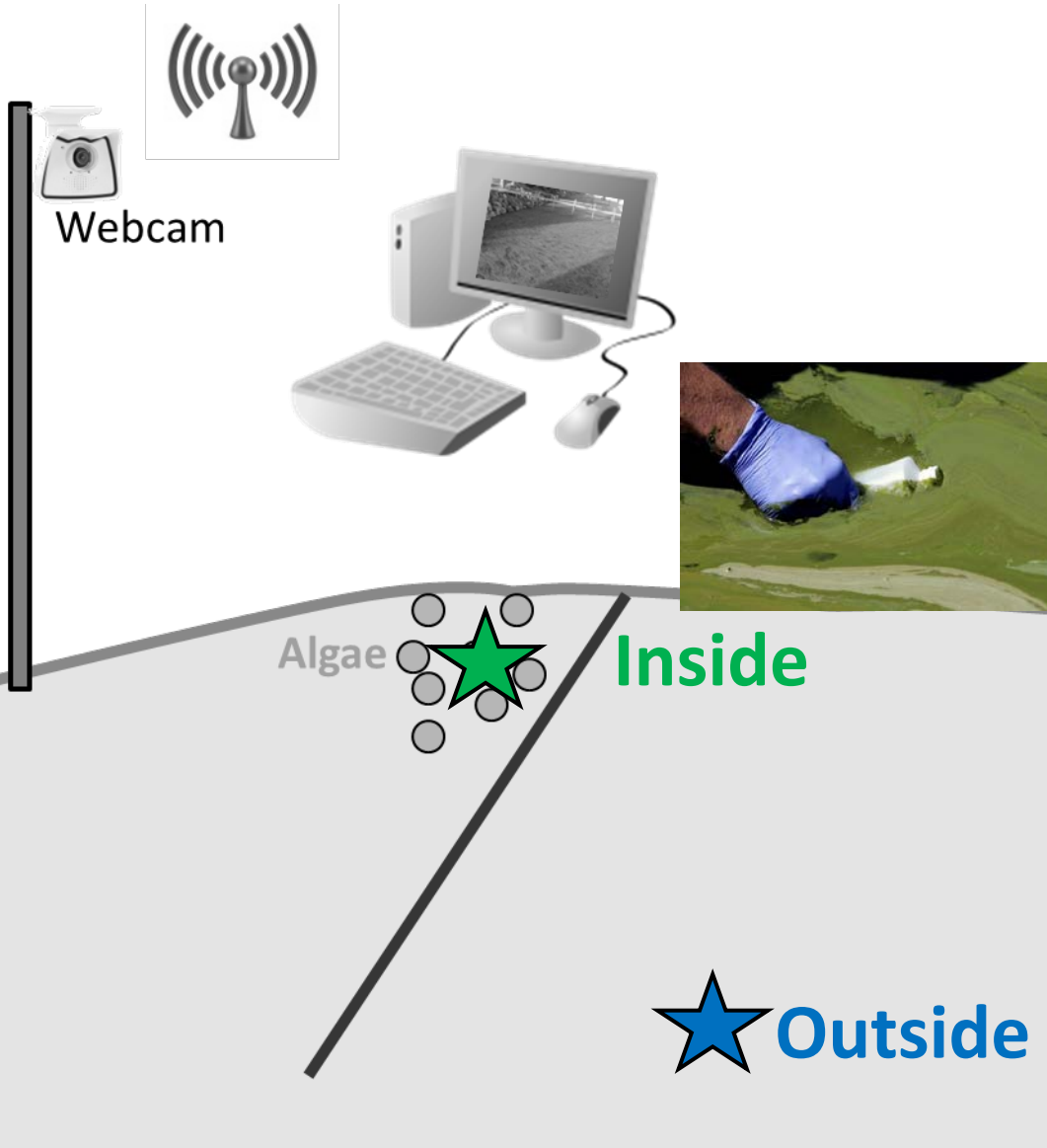


Sewer Pipe to MMSD

Floating Boom



Water Quality Monitoring



Parameters

- Phosphorus
- Cyanobacteria
- Algae Toxins
- Ecoli
- TSS (Total Suspended Solids)

QUESTIONS ?

