

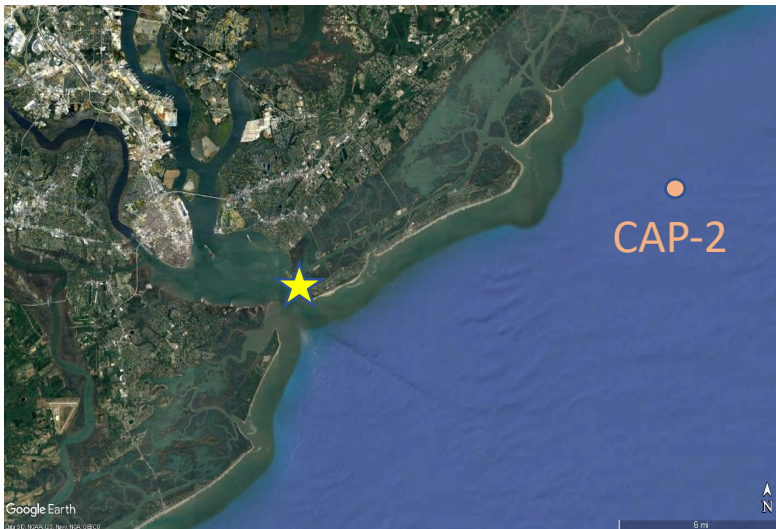
Charleston Harbor Water Quality Site

Denise Sanger
*SC Department of Natural
Resources*
ACE Basin NERR

Objective and Approach

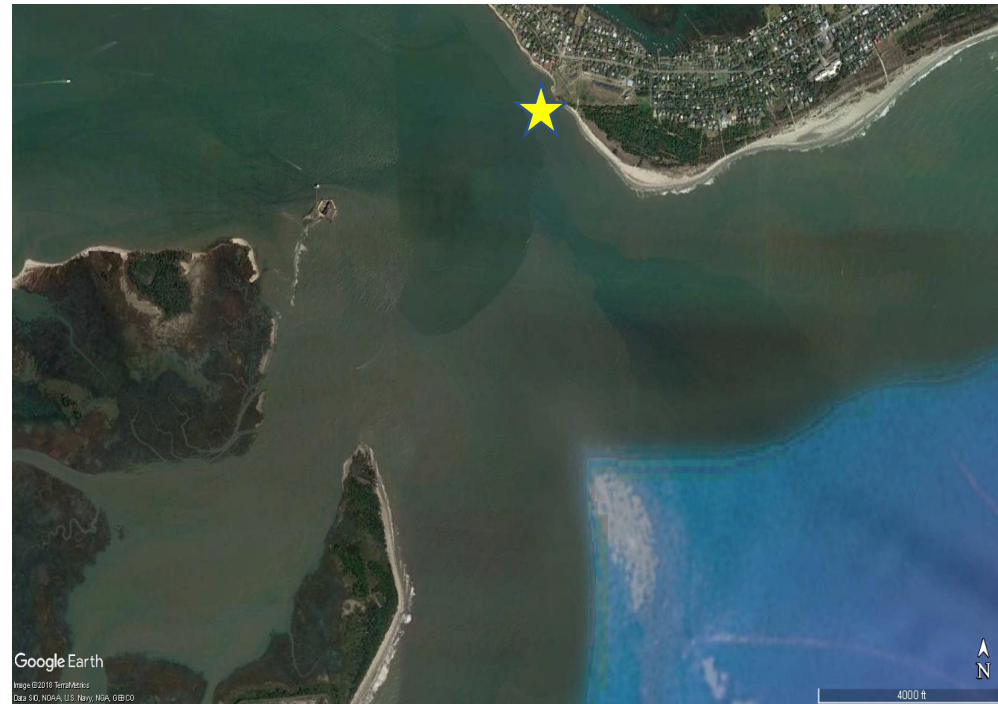
Objective

- Establish a long term water quality monitoring site in lower Charleston Harbor.
- Provide water quality data throughout Harbor Deepening.



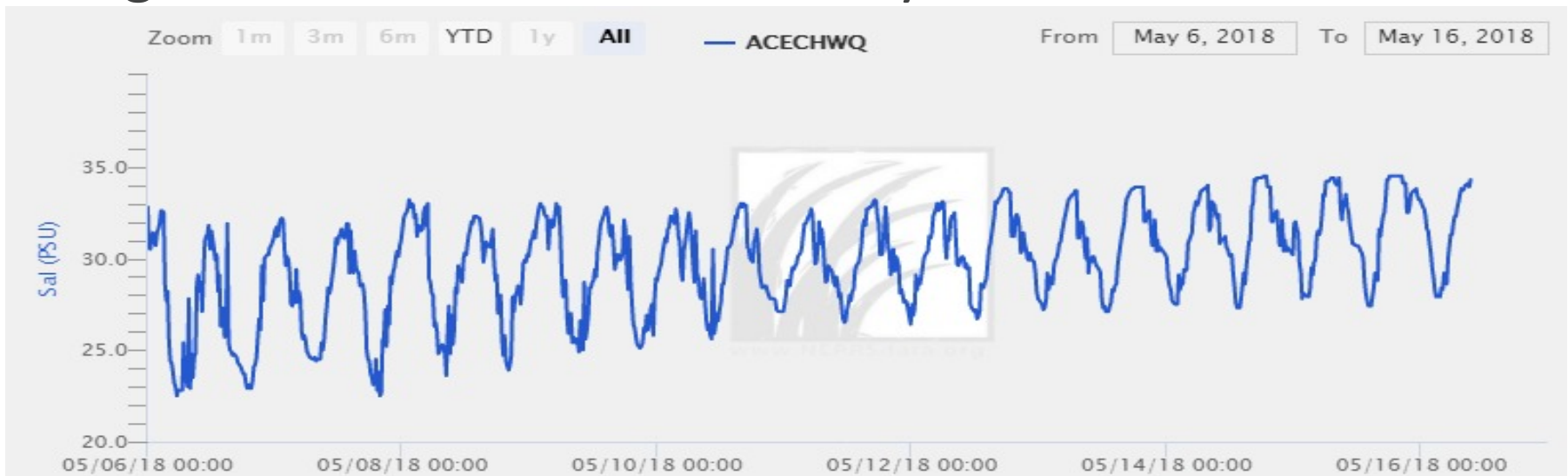
Approach

- Establish a secondary water quality monitoring station for the ACE Basin NERR within Charleston Harbor.



Accomplishments

- Started collecting data in November of 2017.
- Obtained secondary SWMP NERR status.
- Installed the telemetry and started reporting real time data in April of 2018.
- Continued collaboration with US Army Corps of Engineers and SC Ports Authority.



Impact

- Data collection is just beginning.
- Data can be used to assess potential changes in harbor water quality from harbor deepening, hurricanes, large flooding events, among other uses.
- Ultimately, we hope the USACE, SCSPA, Charleston Harbor Pilots, and SCDNR are data users.
- www.nerrsdata.org
www.nerrsdata.org/mobile

