GREON

Reviewed sample buoy data ([here](#)). Here are some findings

Three kinds of DAT files (but, it's in CSV format).

- xxx_diagnostics.dat
- xxx_MetData.dat
- xxx_WQData.dat
  - It looks like containing Nitrate data

We need some metadata for columns for each dataset.

The "Pisces Data"/"Ellis Bay Test data May 23-31" contains some charts in Excel (PiscesCell_WQDAta_5-14_7-8_2013_turb-chloro-DO.xlsx).

Loggernet server

- Server runs here at NCSA
- Ted has the admin version to get diagnostics about sensors
- Measuring water quality every 60 minutes, and metadata every 15 (wind speed and direction, temperature, humidity, barometer, precipitation, hail hits, compass?)
- Shipped to clients every 60 minutes

Marcus Slavenas is working on adding a cron job to the server that will update these in the API.