HACKTHEIRL – Team dedpool  
Goal: Capture and analyze data for alerting and predictive blooms.

Who – Baffle Box locations

What – Mitigation via Sensors to capture data (phosphate, nitrates,

Where - IRL

When – Current systems?

How – Reporting Dashboard

Why – Active health reporting on IRL, preventative action to decrease blooms and pollutants

Challenges:

Power - Solar

Communication – WiFi (WAN), LTE

Data size (storage) –

Time To Failure –

Volume vs Duration – data collection set

Public:

Reporting Dashboard – Alerting, citizen reporting,

Savings – Less manpower for labor intensive sampling