

#### ❖ Graphs

- Interactive (days, months, years)
  - Slider that reconfigures graph to plot data for the last x amount of days
    - Source: <https://ga.water.usgs.gov/bacteria/>
- Zoom in on specific events (give information on specific days on graph)
- add widget that explicitly tell current levels in their given metrics (secondary chart)
  - Tells site, current levels , and log of last tested levels
    - Source: <https://ga.water.usgs.gov/bacteria/>
- Add functionality on interface to make graph easily exportable

#### ❖ Alarms

- Interface to handle alarms for high e-coli levels'
- Widget that keeps logs of alerts (include status of system and the name/type of alert)
- Management for push notifications and email (need database to hold info)

#### ❖ Picture

- Add geographical map of location to dashboard

Maybe model dashboard after outlook?

Sources:

<https://www.nexsens.com/products/software/web-datacenter>

<https://www.epa.ie/publications/research/water/research-380-innovative-water-monitoring.php>