

## Meeting One Group Two Minutes

**Date of Meeting: 19 January 2017**

**Location of Meeting: Library 113**

### 5:00pm Meeting Called to Order

**Roll Call of Attendees:** Nichole Mackey, Sophia Farquhar, Cory Kroes, Cameron Pollock, Jordan Gagnon, Mark Schlax, Adam DeWeese, Christopher Hartwig

### Introductions

**What the scientists would like to get out of this semester:** have us ask questions, improve our skills, showing design ideas that they hadn't thought of

**Background:** Federal Act that puts in all requirements for public drinking water systems. Act has been in place since early 70s. Act has multiple parts to it. States have privacy in lieu of federal regulation. 1989 requirement to check for microbiological organisms in drinking water and perform sanitary checks. This was revised in 2013 and went live in April 2016. Annual site visits are key to DNR role. Annual site visits have to happen in order for sites to remain on the list. LTEs that may go in or minimally trained employees are performing these quick inspections, no more than a half hour. Looking for an app to remove the paper form to be performed on a smartphone.

**Brief Summary:** Large complex set of rules and codes to follow. We are looking on a very small portion of the annual site visits that marks down the name, a few details and then prints out the report.

### Questions

1. Contract with county health departments because they tend to be out there annually anyway. Generally not technical people performing this work so the app needs to be simple. Younger people are coming in as the older generations are beginning to retire. Public water systems that are not municipal systems that have their own well are public water systems, Wisconsin has the most in the country, which are the type of sites they are visiting: rural churches, tiny shops. Only types to have reduced monitoring; others need monthly monitoring or more frequent than a year.
2. Going to assume there is always internet connection. The sites will always have some sort of cellular access.
3. In a perfect world, ideal to have app work on multiple devices. Will have a printer in the car on site. Possibility of utilizing browser. Paper copy is legal requirement.
4. Takes data, prints form and stores data somehow for later upload/changes. We want to focus on collecting data and printing form. If there's time, data needs to be stored in a CSV file for future use. Data transfer isn't necessary.
5. Have a one-size-fits-all policy with equipment. Printer most likely will run off cigarette lighter with wireless and wired capability. Most likely will go with the cheapest.
6. Attaching additional documentation doesn't occur that frequently. One option is to print them out separately. This application does not need to store photos. If there is time, this is something that can be added in. Just dazzle us.
7. Anything beyond the basic description? As questions come up, feel free to be in contact.

8. Does the form have to be in the same format as current form? Doesn't need to appear exactly like the printed form. It is broken up in elements. If the highlighted questions are answered no, the smaller elements don't need to be visible when printed.

Email is viable communication method. If meeting seems necessary, feel free to schedule a meeting.

**5:28 Meeting Adjourned**