

Overview of the System/Devices:

This web application will be a form to be filled out by the user on either their laptop's/smartphone's web browser. Once filled out the user will need to be able to both print out a copy of the completed form on site as well as uploading a copy of the form to an online database. The user will have a printer in their vehicle on site that will be used to print from. We are to assume that the user will always have access to an internet connection.

User Environment:

This web application will be used all across both rural and urban areas in Wisconsin. The user will drive to one of the many Water Systems in Wisconsin where they will manually inspect the system for any recent changes or discrepancies with the condition of the water system and the current state regulations. Assuming that an internet connection will then upload the completed form to a database as well as

Important Stakeholders/Users:

Stakeholders:

Wisconsin Department of Natural Resources (Secondary User): The DNR will read and interpret the forms sent into the database by the Contracted staff and will then decide whether or not further action will be necessary on the water system.

Adam DeWeese (Secondary User)

Users:

Contracted county staff (Primary User): The only users will be minimally trained individuals contracted by the Wisconsin DNR. The users are the only people that will actually be interacting with the application. They fill out the online form and then print a copy to be left on site and also upload a copy to the database.