

The goal of Blue Thumb is to empower people to protect water in their region from nonpoint source pollution. This app helps better track the data used to monitor water and devise plans of action.

1. Primary Stakeholders

- a. Oklahoma Blue Thumb Staff - People who organize the data collected by the app. They are responsible for being able to explain forms and documentation to the volunteers, as well as doing data collection themselves. The data is used to monitor stream quality for the public good of all area residents.
- b. Oklahoma Blue Thumb Citizen Scientists - People who are interested in the health of streams near their homes or in the state. They come from all backgrounds and have varying levels of technical ability, but are united by their passion for the environment

2. Secondary Stakeholders

- a. Oklahoma Conservation Commission - The Oklahoma Conservation Commission and the five commissioners of the conservation districts are also interested in the environmental health of Oklahoma. They have interests far beyond water quality, but it is in their purview. Through Blue Thumb, they educate the public on “best management practices” to help maintain water quality in the state.
- b. Local Residents - People who benefit from stream monitoring because of their proximity to the streams. They may live by the streams in Oklahoma, or may be located downstream outside of Oklahoma, but are still affected by stream quality.
- c. Scientists Studying the Data - Academics and researchers contacting Oklahoma Blue Thumb for access to their data for use in research papers and larger projects involving sustainability and water quality in the state.

3. Tertiary Stakeholders

- a. MTU CS and HU Staff- The organizers of the project; success of the project and app reflects well on MTU and CS/HU staff.
- b. BluTeam- The creators of app, responsible for successful creation and usability of app for citizen scientists and Blue Thumb staff, along with any other volunteers. Creators and testers of app are committed to satisfaction of client and volunteers.