

Oklahoma Source Water Collaborative



Purpose and Background of the Oklahoma Source Water Collaborative

The Source Water Collaborative (SWC) was developed through a multi-agency collaborative effort in conjunction with the 2025 Oklahoma Comprehensive Water Plan (OCWP). Source water protection is a proven strategy to reduce water treatment costs, improve water quality for communities and ecosystems, and protect water for recreational uses, aesthetics, and tourism.

The overarching goal of the Source Water Collaborative is to bring together multi-agency partners, that each have source water protection authorities, to create synergy by leveraging each other's resources and through coordinated actions.

Workgroup members included representatives from:

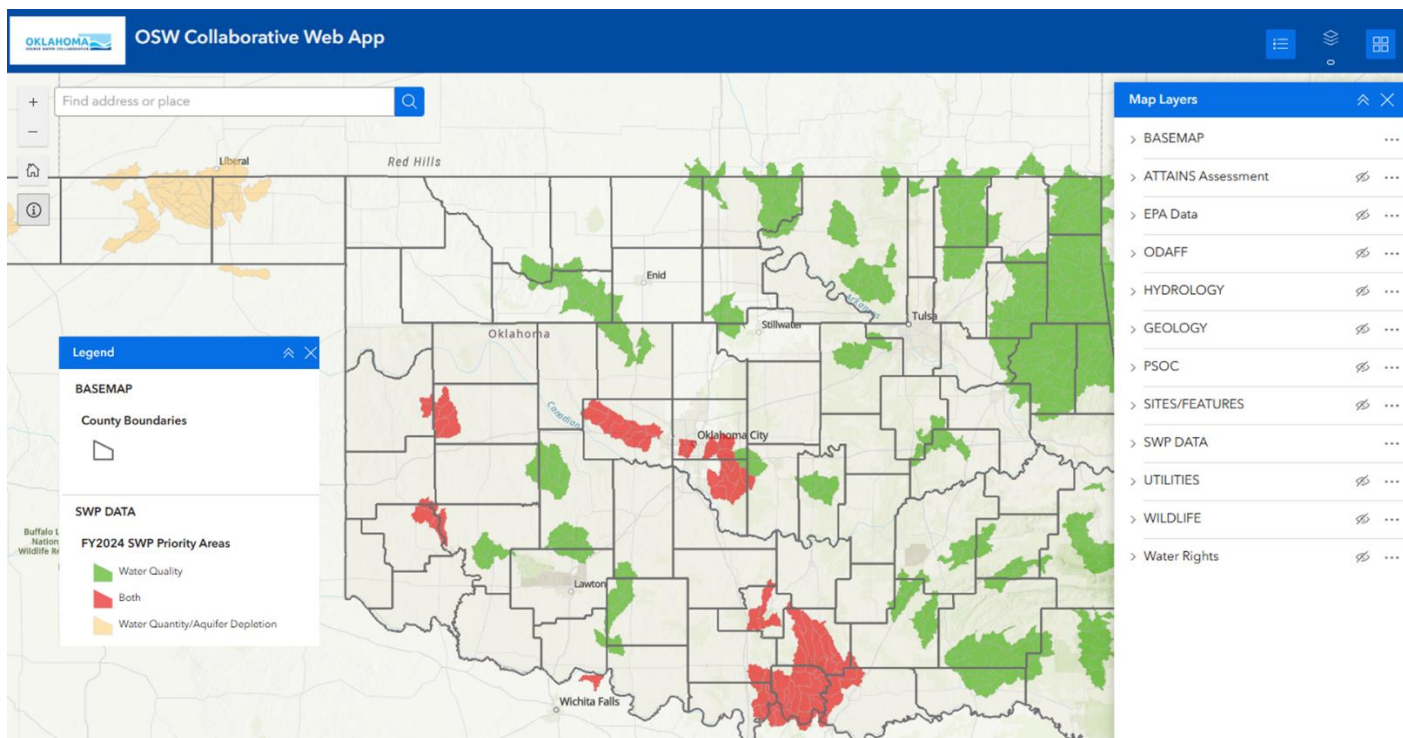
- Oklahoma Conservation Commission
- Oklahoma Corporation Commission
- Oklahoma Department of Agriculture and Forestry
- Oklahoma Department of Environmental Quality
- Oklahoma Department of Wildlife Conservation
- Oklahoma Rural Water Association
- Oklahoma Water Resources Board
- City of Tulsa Department of Water and Sewer
- Groundwater Protection Council
- Source Water Collaborative (national)
- Southwest Section of American Water Works Association
- U.S. Department of Agriculture, Farm Service Agency
- U.S. Department of Agriculture, Natural Resources Conservation Service

The Oklahoma SWC was formed in 2021 and met 12 times through Spring 2025. This included in-person and virtual meetings. Several priority strategies were identified for the workgroup:

- Identify ongoing source water protection efforts of all scales to optimize collaboration
- Gather and share applicable lessons learned
- Facilitate and provide opportunities for collaboration across stakeholders to optimize funding and reduce redundancy
- Combine agencies' mapping efforts to identify and prioritize source waters
- Support increased funding and public awareness to improve source water quality

As part of the OCWP Water Supplies and Storage recommendation, it is recommended that the SWC Workgroup continue and coordinate implementation of identified priority actions as funding is available.

Oklahoma Source Water Collaborative Web App



Workgroup members developed a GIS web map to assist with SWP collaboration in the state. The assembled data comes from a variety of water quality and SWP data sets including: SWP priority areas, brownfields, hazardous waste permit sites, injection wells, land application sites, stormwater sensitive areas, abandoned oil and gas wells, nitrate maximum contaminant level (MCL) violations, previous and ongoing SWP projects, drinking water source infrastructure, fish kill locations, concentrated animal feeding operation (CAFO) locations, and many other layers. Much of this data is linked to web-service data sources meaning they update automatically, while other data will need to be updated periodically as new information is released (annually or semi-annually). The graphic above illustrates the landing page for the map and its layer list.



The national [Source Water Collaborative](#) website provides valuable resources for developing and funding source water protection projects as well as connects [Oklahoma](#) to [other SWCs](#) across the United States.