

# Acronyms

**PWS Public Water System** 

**Texas Commission of Environmental Quality** TCEQ

**TWDB Texas Water Development Board** 

Texas Water Service Boundary Viewer **TWSBV** 



## Overview

Why the TWDB Created TWSBV

**How the TWDB Created TWSBV** 

**Data Collection and Review** 

**Data User Stories** 

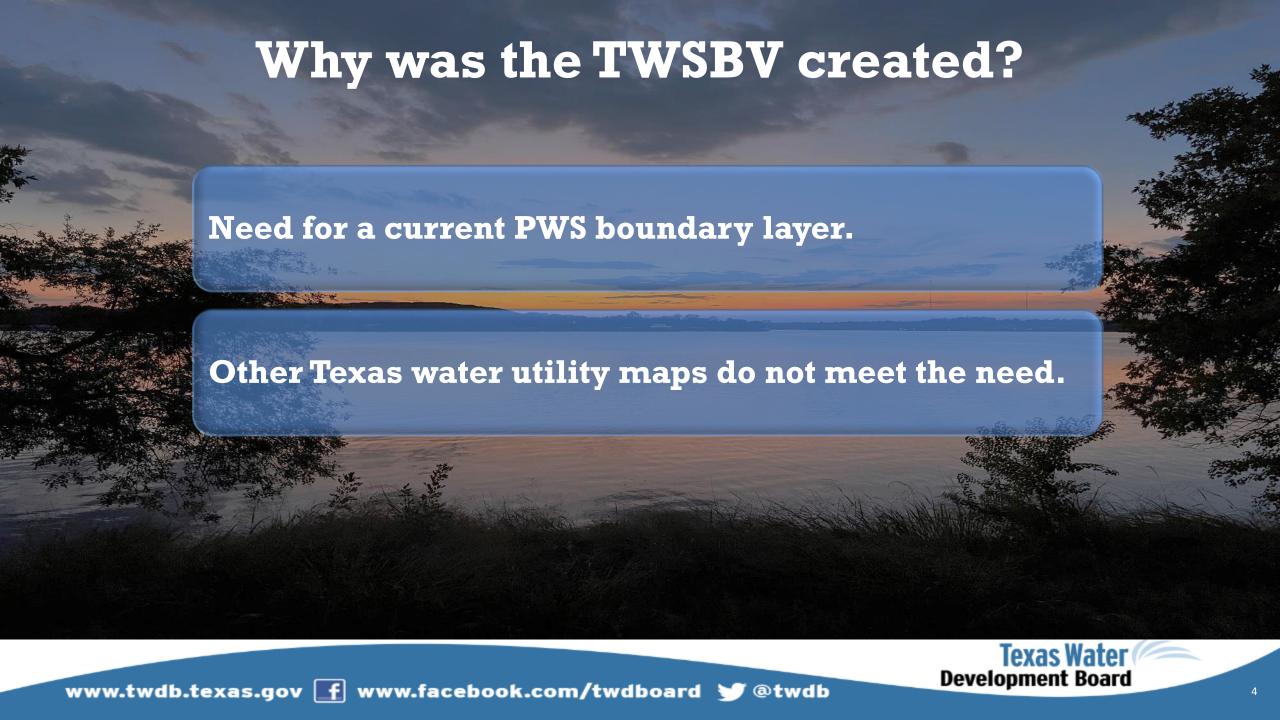
**Public Application Demo** 

**TWSBV** Enhancements

Summary







## What would TWSBV need?

Current retail water service areas

Enlist the support of PWS editors

Program administration

Dissemination of water use data



Photo by Alan Liu on Unsplash





# **How Did We Create TWSBV?**

2009 TWDB research grant

2016 USGS research grant

2019 TWSBV first deployed

Photo by Mark Fletcher-Brown on Unsplash



rasoplast ABJTGBRT26

## **Data Collection and Review**

#### Editor

- Updates or verifies
- Submits boundary

### Administrator

- Reviews
- Approves or seeks clarification
- Provides customer service

### Public

- View data
- Create PDF map
- Download report or spatial data

Photo by Scott Graham on Unsplash



## **Editor**

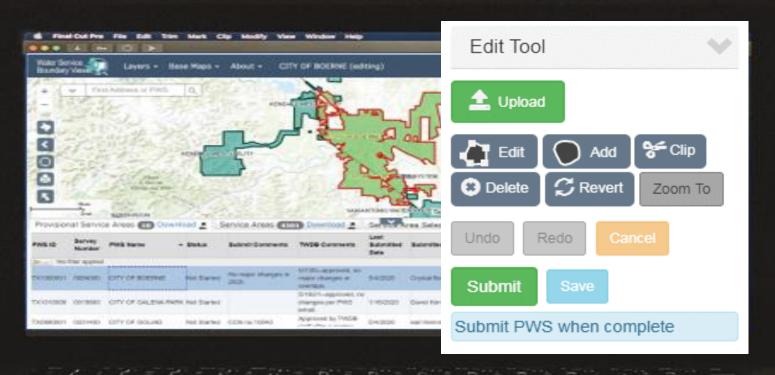


Photo by **Aram Sabah** on **Unsplash** 



## **Administrator**

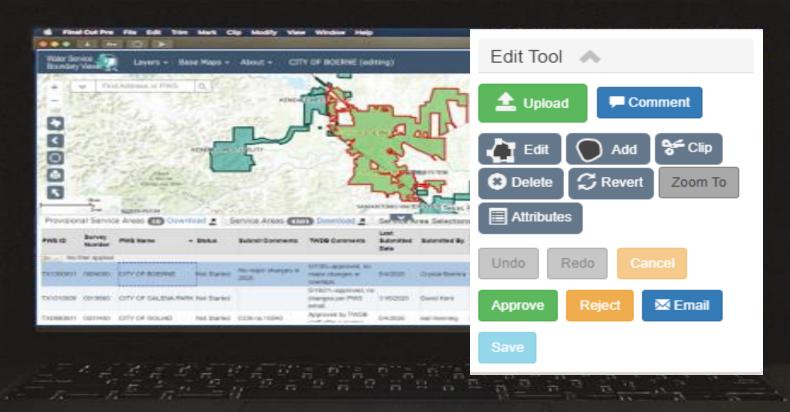
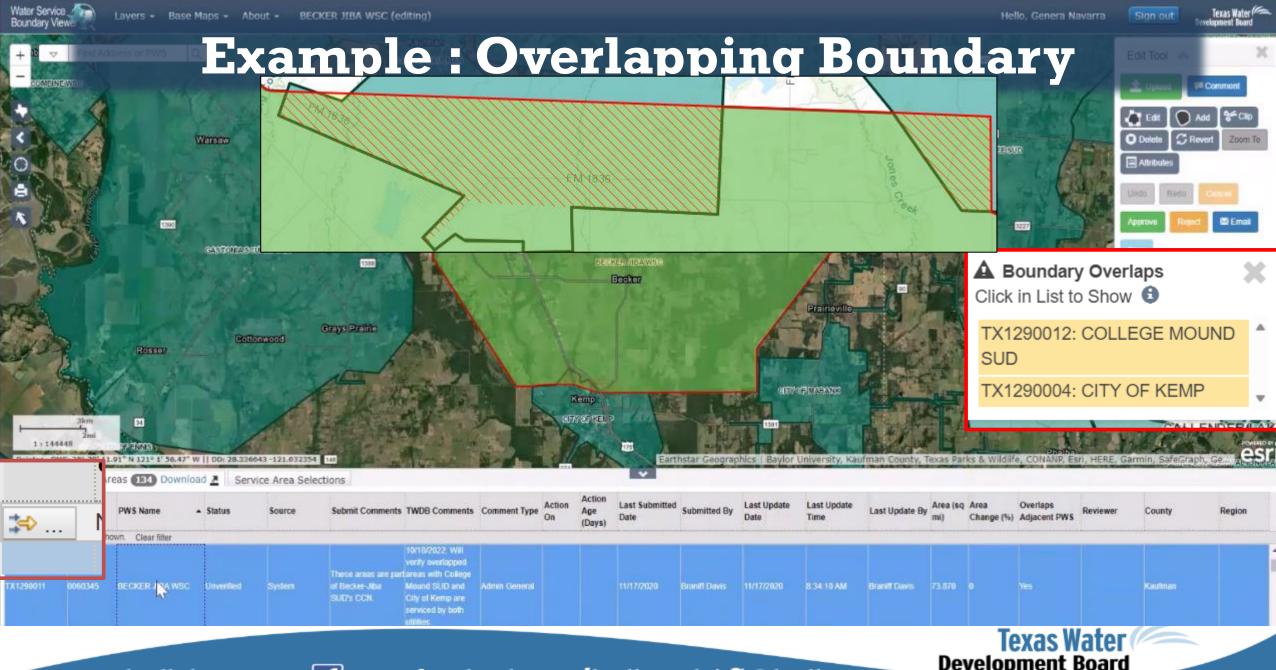
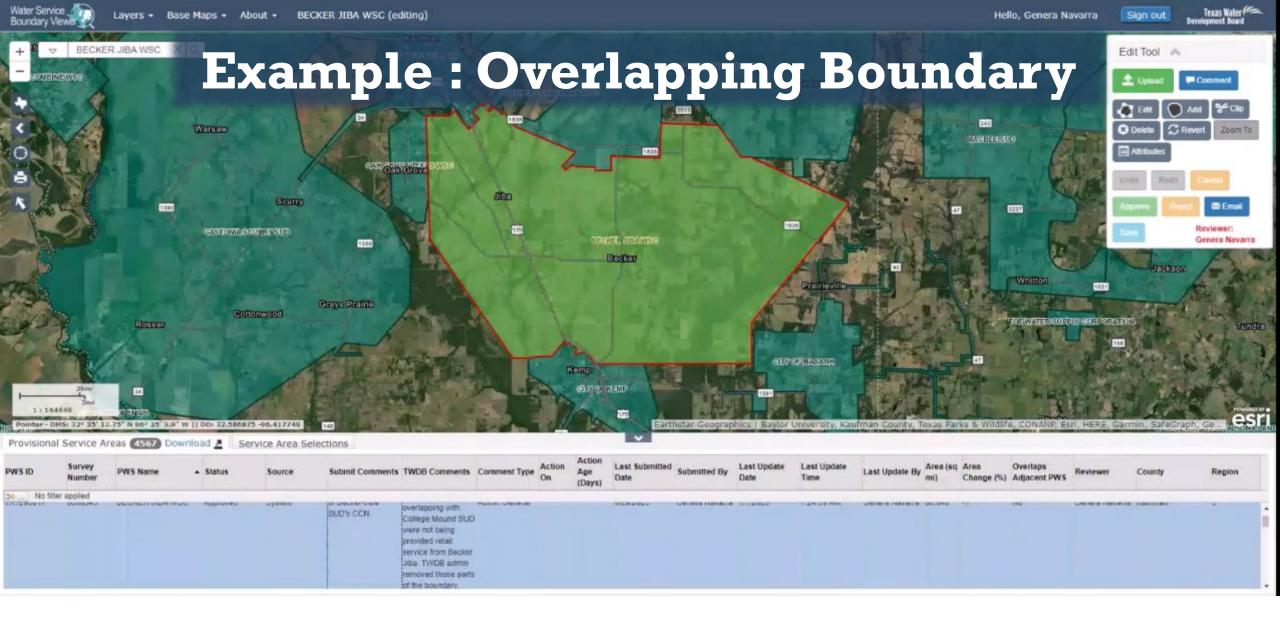


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## **Data User Stories**

Public

- Locate utility
- Find utility information

- Find utility information
- Lead and Copper Rule implementation

Regional

Regional water plan development



## **Data User Stories**

State

- Population and demand projections
- Socio economic analysis
- Project funding allocations
- Water emergency
- Public complaints
- · Water related public health research



- Climate justice screening tool
- National PWS Map







# What are our plans for TWSBV?

**Additional Reports** 

**Analytical Tools** 

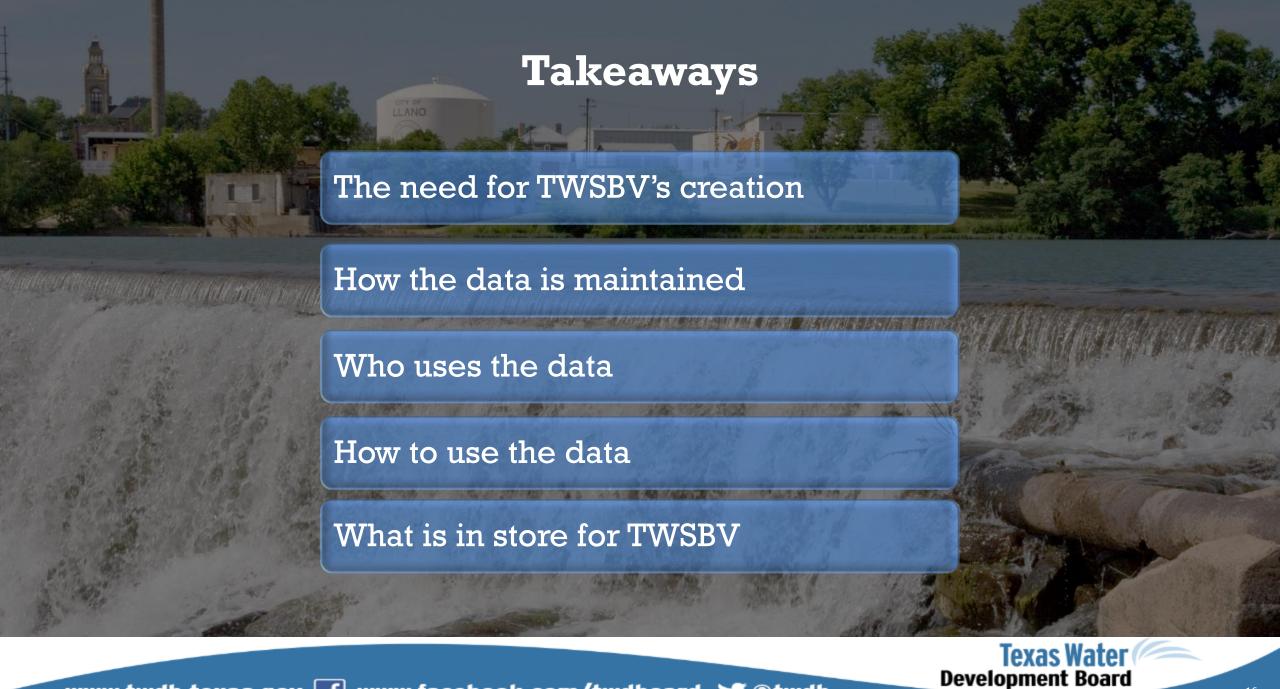
Dashboard

TWSBV 2 is coming to you!



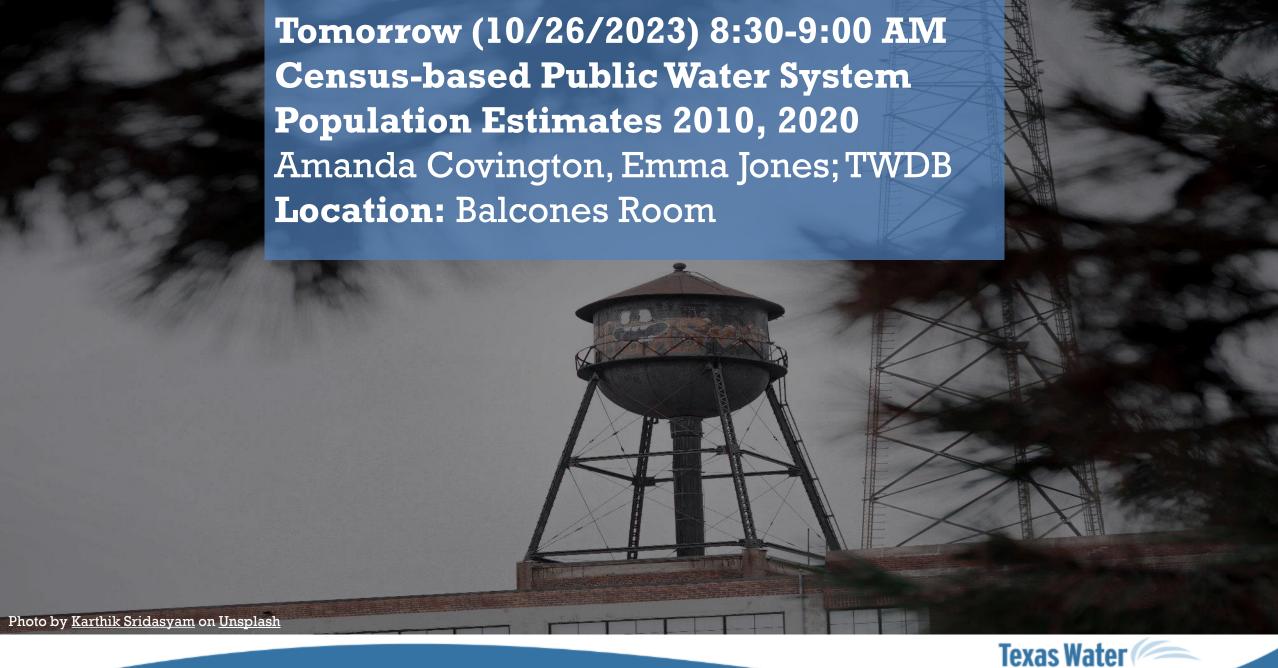
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**Development Board** 

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**Texas Water Development Board** 



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