



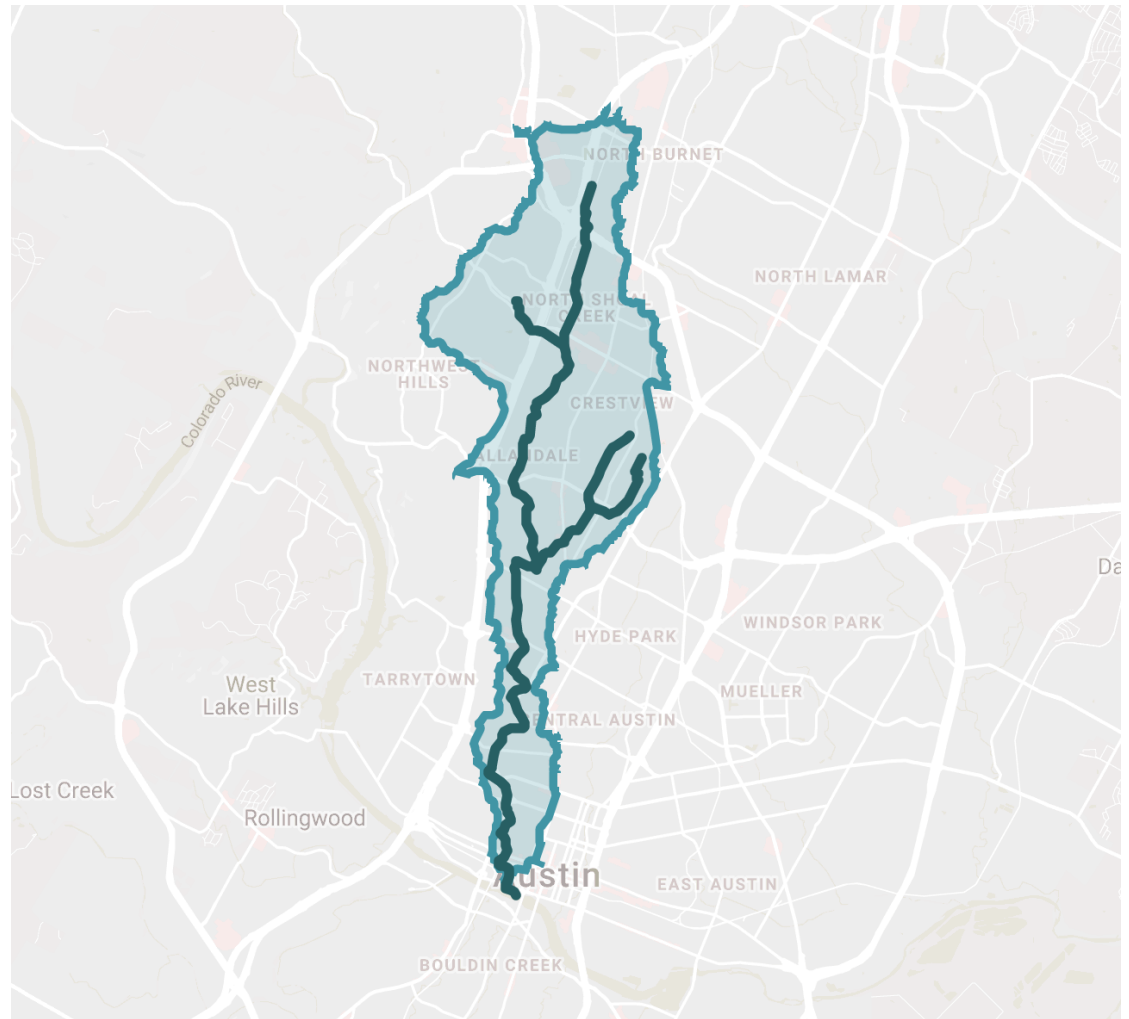
SHOAL
CREEK
CONSERVANCY

Austin, TX

We champion the Shoal
Creek Watershed to create a
healthy & vibrant community.

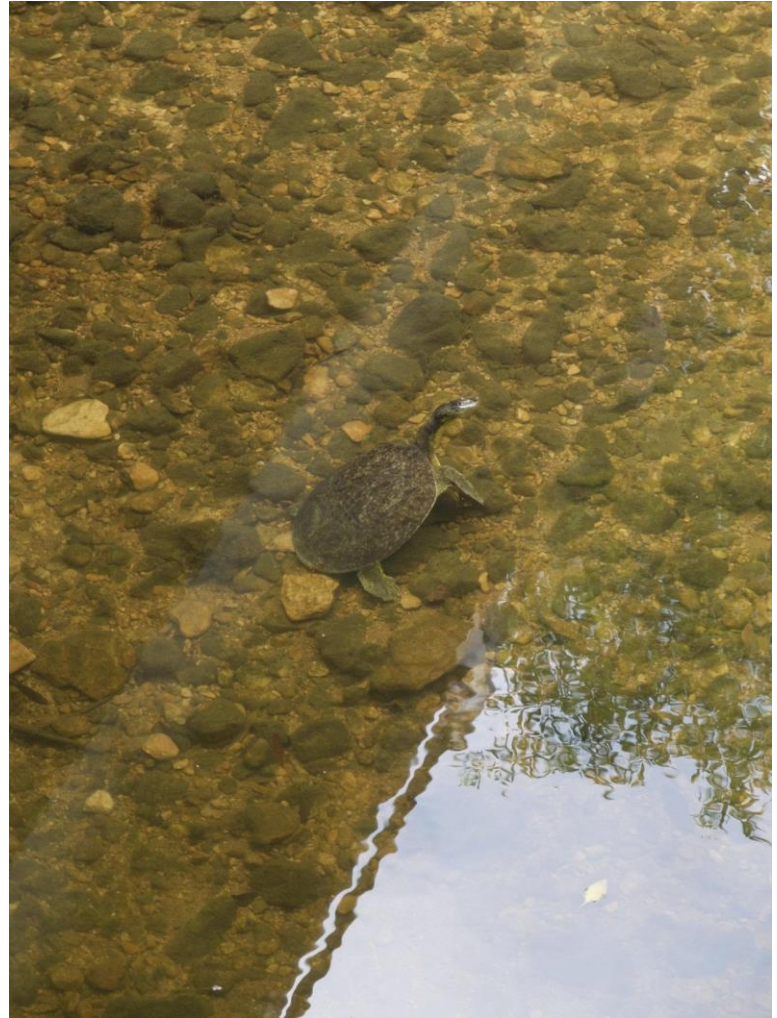
Shoal Creek Watershed

- Shoal Creek is 11 miles long
- Shoal Creek Watershed covers 13 square miles
- Headwaters at 183, empties into Lady Bird Lake
- Has 2 tributaries: Spicewood Springs and the Hancock Branch - consisting of Arroyo Seco and Grover



Watershed Facts

- Shoal Creek is home to a variety of wildlife, human life, commercial business and public land
- Home to the endangered Jollyville Plateau salamander
- While most people only know about Seiders Springs & Spicewoods Springs, there are 30 identified springs and seeps in the watershed
- Also home to many species of fish, birds, turtles, bats, rabbits and more.



Watershed Facts

- 54% of the watershed is impervious surface
- Shoal Creek consistently receives a rating of “fair” in WPD’s EII testing, based on water quality, sediment, aquatic life, physical integrity, contact rec, etc.

SCC Goal: consistently reach “good” in the next 20 years.

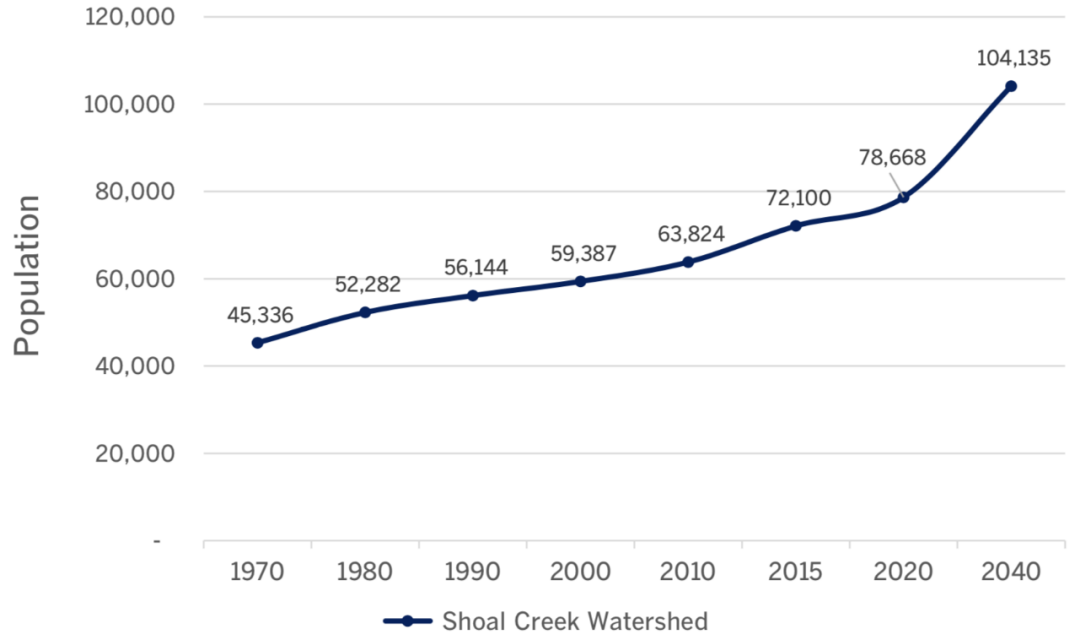


Figure 7 Shoal Creek Population Projections (COA-WPD, 2019; City of Austin Demographer, 2018; IPUMS NHGIS, University of Minnesota, 2018)

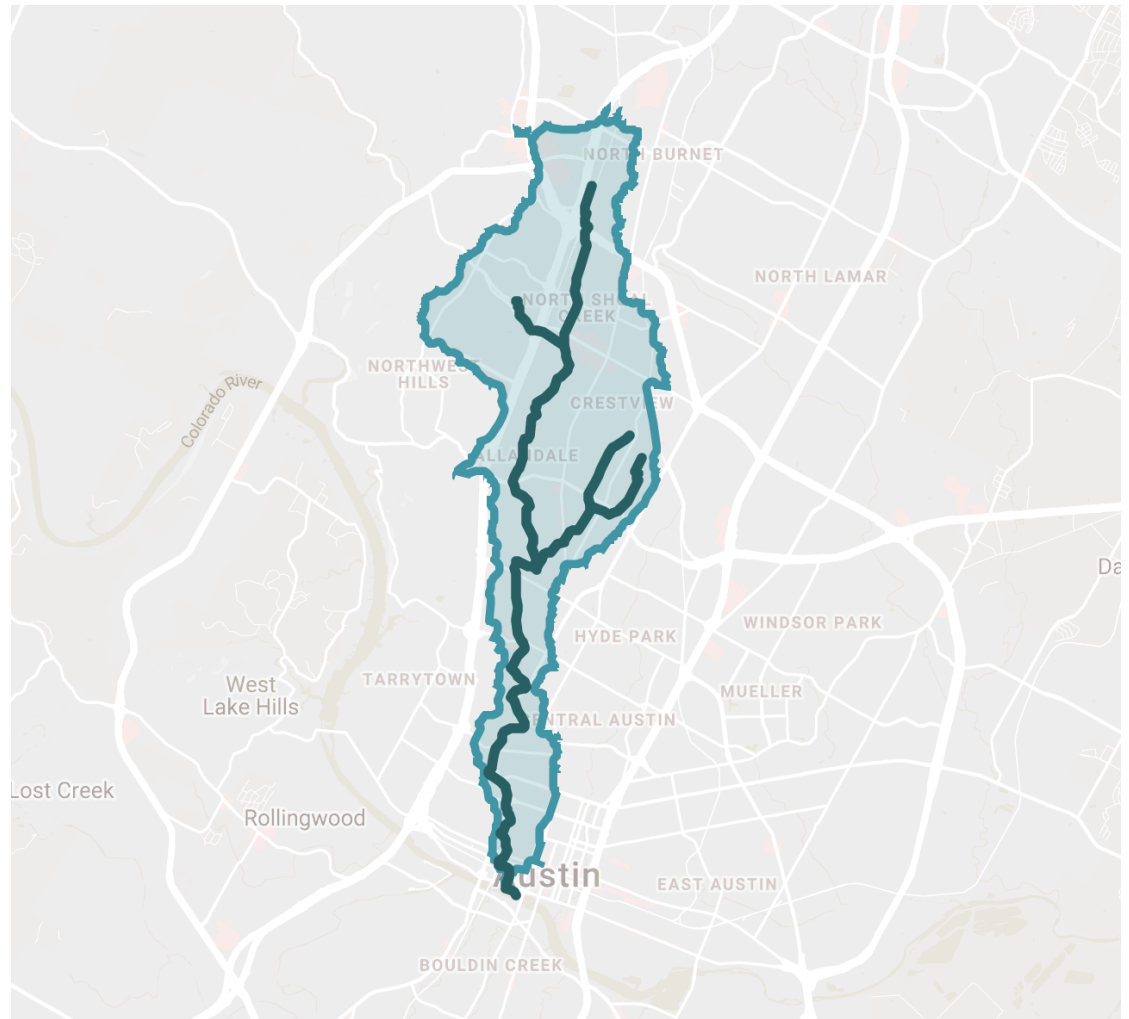
Watershed Comparisons

Watershed	Type	Imp Cover (%)	EII Score out of 100	Water Quality	Developed Area Treated
Shoal	Urban	54	58	Fair	Minimal
Williamson	Suburban	34	66	Good	Moderate
Bull	Suburban	21	80	Very Good	Most

EII - Environmental Integrity Index (water quality, sediment, contact recreation, non-contact recreation, physical integrity, aquatic life, benthics, diatoms)

What does SCC do?

- Shoal Creek-specific Watershed Action Plan - first one in Austin
- Volunteer Service Days
- Education & Outreach
 - Free Tours
 - Media
 - Stakeholder involvement



Watershed Action Plan

Goal Summary:

- Achieve contact recreation standards per TCEQ
- Promote baseflow enhancement
- Reduce nutrients, herbicides, and pesticides
- Enhance riparian health
- **Support City of Austin flood mitigation and planning efforts**
- Seek to have Shoal Creek rated as having “Good” water quality within 20 years per the City of Austin EII program

(Creek health and water quality measured by the ongoing City of Austin EII program)

Timeline:

Plan complete by October, 2020. Volunteer workdays and educational events ongoing.

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Sources: [WPD Watershed Characterization Report](#) & the draft Shoal Creek Watershed Action Plan

