

Soldier Creek

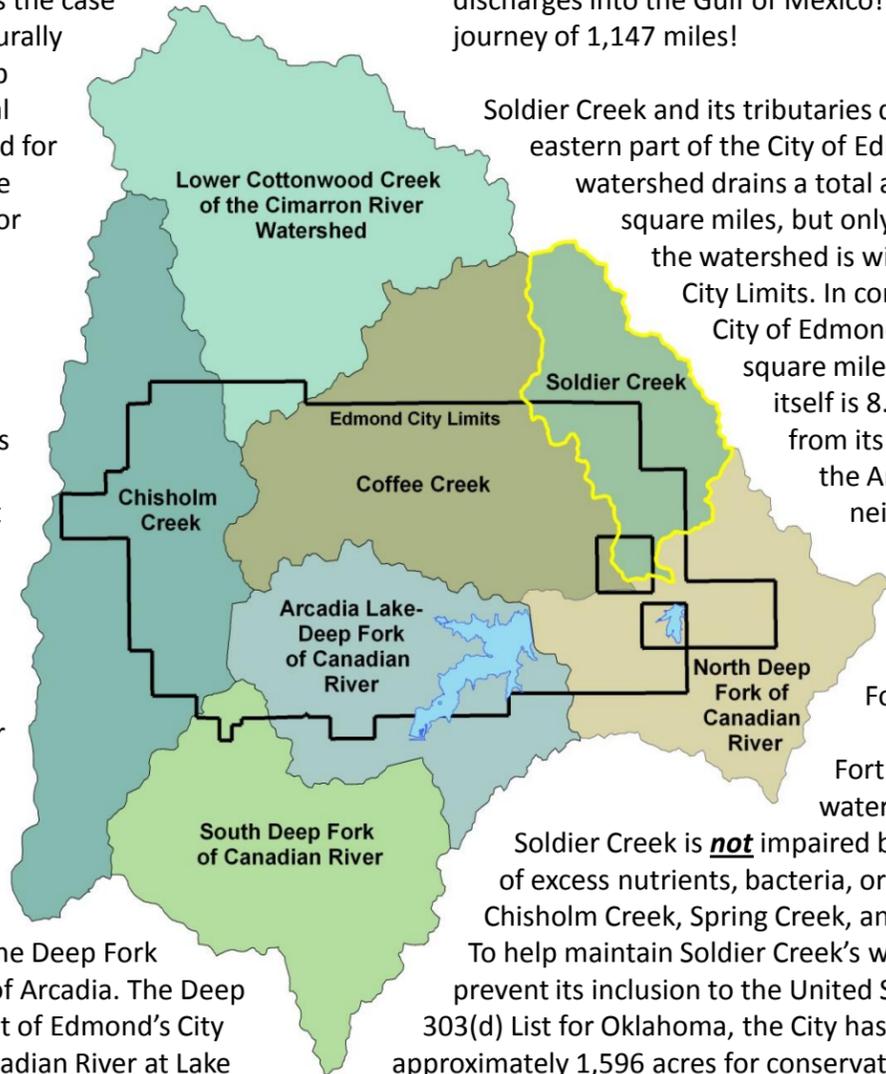
Getting to Know the Soldier Creek Watershed

Watershed Details

A Watershed is...

an area of land where all of the water that drains off of it flows to a particular point such as a stream, lake, or other body of water. Watersheds are usually bordered and separated from neighboring watersheds by mountain ridges or, as is the case here in Edmond, by naturally elevated areas. The map below shows seven local watersheds, each named for the major stream or lake within its boundaries. For example, surface water flowing over the land in Edmond's Soldier Creek Watershed drains to Soldier Creek. All seven of Edmond's watersheds are part of a larger regional watershed that eventually drains to the Gulf of Mexico!

If you were to follow a rain drop from where it falls in Edmond's Soldier Creek Watershed to its eventual destination in the Gulf of Mexico, that rain drop would journey southeast in Soldier Creek and join the Deep Fork River east of the Town of Arcadia. The Deep Fork River flows east out of Edmond's City Limits and joins the Canadian River at Lake Eufaula. The Canadian River leaves Lake Eufaula through Eufaula Dam and merges with the Arkansas River at the Robert S. Kerr Reservoir.



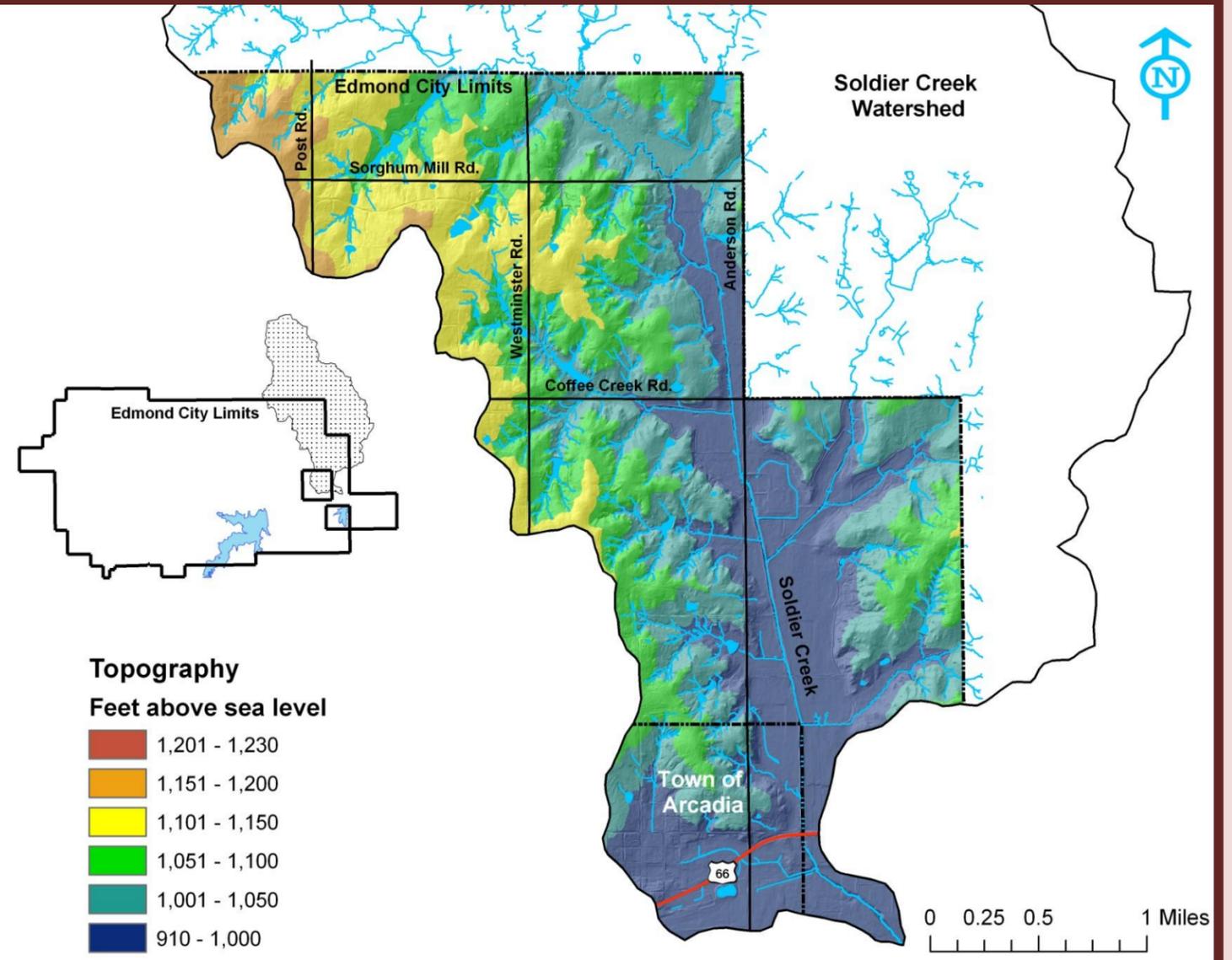
The Arkansas River then flows east until it merges with the great Mississippi River in southeastern Arkansas near its border with Mississippi. From there, the Mississippi River flows south and discharges into the Gulf of Mexico! That's a journey of 1,147 miles!

Soldier Creek and its tributaries drain the north-eastern part of the City of Edmond. The watershed drains a total area of 19 square miles, but only a portion of the watershed is within Edmond's City Limits. In comparison, the City of Edmond spans 87.5 square miles. Soldier Creek itself is 8.6 miles long from its beginning in the Arcadia Heights neighborhood in Guthrie to where it discharges into the Deep Fork River.

Fortunately, the water quality of Soldier Creek is **not** impaired by the presence of excess nutrients, bacteria, or turbidity as are Chisholm Creek, Spring Creek, and Arcadia Lake. To help maintain Soldier Creek's water quality and prevent its inclusion to the United States EPA's 303(d) List for Oklahoma, the City has set aside approximately 1,596 acres for conservation. The City will continue to protect or restore relevant areas where possible and incorporate them into a network of parks, open space, trails, and other natural corridors.

Protect Your Watersheds!

Watershed Topography



For More Information...

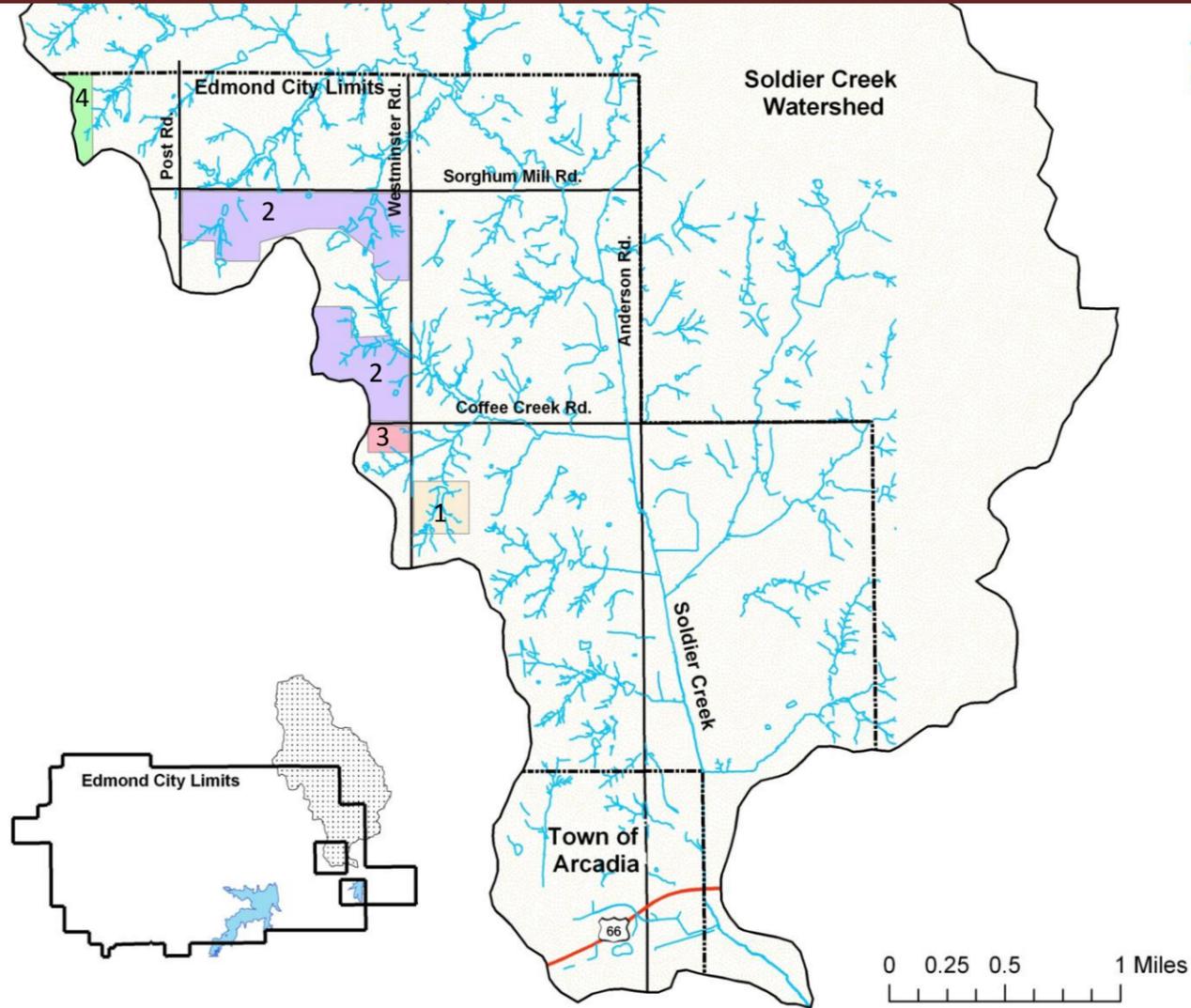


The City of Edmond's Stormwater Quality Division has developed this watershed fact sheet using information from the City's GIS database and the U.S. Environmental Protection Agency's My WATERS Mapper, an interactive mapping program that unites water quality information that was previously available only from several independent and unconnected databases. The purpose of this watershed fact sheet is to increase awareness about watersheds and watershed protection. For more information, please visit edmondok.com or contact our office directly at 405.359.4772.

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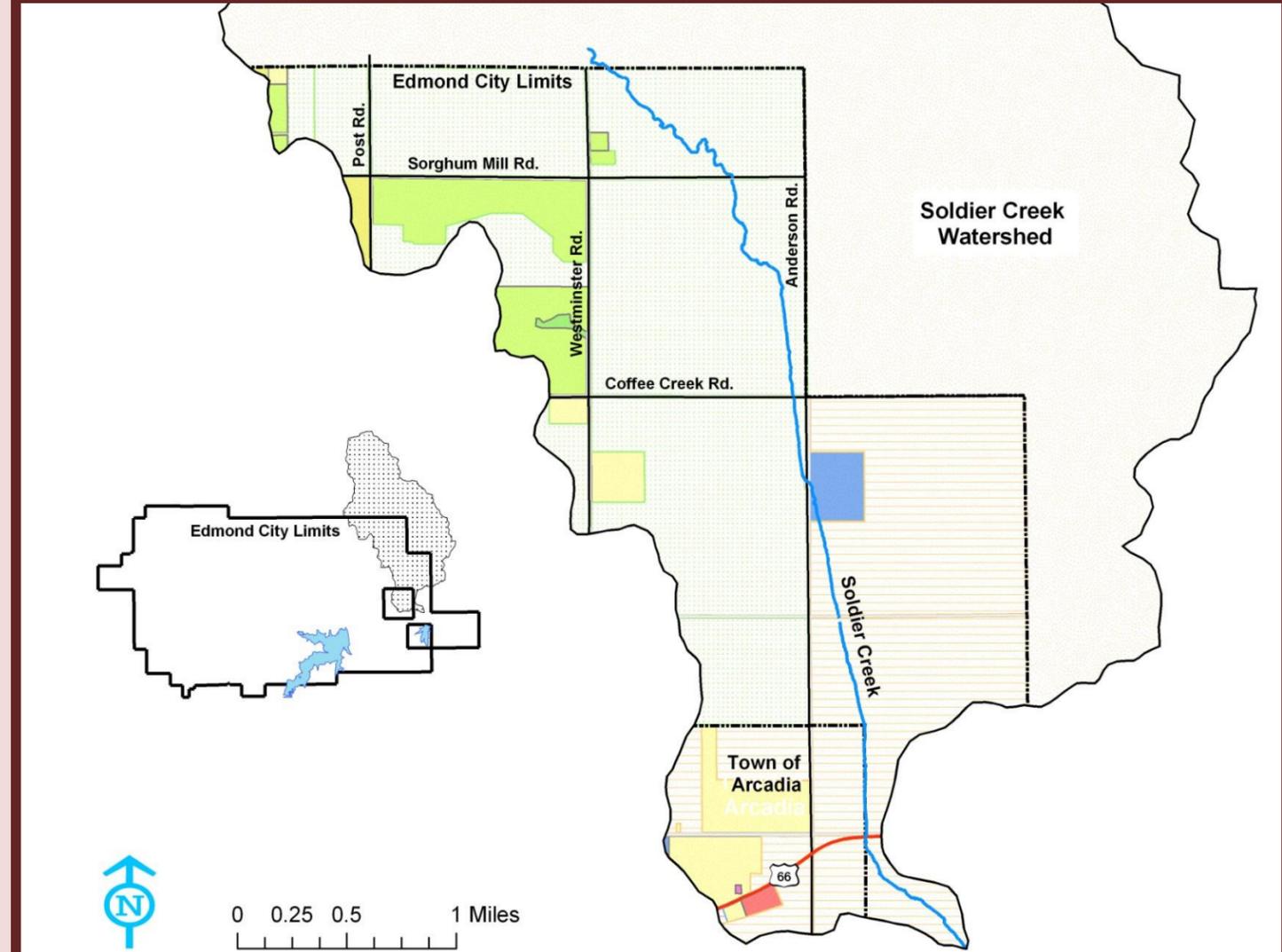
Do you live in the Soldier Creek Watershed?



Neighborhoods

- | | |
|----------------|---------------------|
| 1. Clos Du Val | 3. Westminster Glen |
| 2. Quo Vadis | 4. Woodleaf Estates |

Landuse in the Soldier Creek Watershed



Landuse Current

- Single Family Residential
- Suburban Residential
- Multi-Family Residential
- Commercial/Mixed Use
- Office Center

Landuse Planned

- Institutional
- Industrial
- Parks/Open Space/Flood Plain
- Transportation Corridors
- Planned Agricultural Residential
- Planned Commercial

Landuse Planned

- Planned Industrial
- Planned Multi-Family Residential
- Planned Office
- Planned Public / Institutional
- Planned Single Family Residential
- Planned Suburban Residential