

# Medina River Below Diversion Lake Watershed Factsheet



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## Project Area

The section of the Medina River defined in the scope of this project starts immediately downstream of the Diversion Lake Dam at Paradise Canyon in Medina County and ending at the confluence with Leon Creek in Bexar County. There are two main contributing tributaries, Medio and Polecat Creeks.

## The Issues

Elevated *E. Coli* bacteria levels in segments of the Medina River and Medio Creek do not meet water quality standards for contact recreation of 126MPN/100mL.

- Medina River geometric mean for *E. Coli*: 216.74 MPN/100mL

There are also nutrient concerns present in the watershed of Nitrate and Total Phosphorus. Nitrate concentration in the Medina River and Medio Creek were generally well above the screening level criteria of 1.95 mg/L for nitrate and 0.69 mg/L for phosphorus.

- Median River average Nitrate concentration: 7.26mg/L
- Median River average Phosphorus concentration: .77mg/L

## What Can We Collectively Do About These Issues?

The Texas Water Resources Institute is working with local stakeholders and partners to develop a Watershed Protection Plan (WPP).

The WPP will identify:

- Potential sources of water quality impairments
- Determine needed bacteria reductions to meet water quality goals
- Develop feasible voluntary management measures to reduce pollutants from entering area waterbodies
- Layout management milestones and schedules
- Provide resources needed to implement the WPP

**Watershed Protection Plans are voluntary, and stakeholder driven and when approved make funding for local educational and project resources easier to acquire. We would like to have you at the table!**

Scan to learn more!



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