

Quarterly Progress Report: Assessment of PFAS concentrations and loadings in the Lavaca Bay watershed

Contract No. 071

Texas A&M AgriLife Research, Texas Water Resources Institute

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Investigators:

- Michael Schramm (PI)
- Samuel Ma, PhD. (Co-PI)
- Tommy McDonald, PhD. (Co-PI)

Reporting Period: Q3, 2025-03-01 through 2025-05-31

Summary of Q3 Updates:

Sampling work is continuing. Dr. McDonald's team has been pulled into the project to assist with nutrient analysis.

Task 1. Project Administration:

The project team is continuing to work with Texas A&M Sponsored Research Services to ensure reports, status updates, invoices and other obligations are delivered on time. The project team met in person on 05-28-2025 to ensure sample collection, delivery, lab analysis, and other tasks are on track.

Task 2. Data Collection and Laboratory Analysis:

The field team collected sampling on 3-19-2025, 4-16-2025, and 5-14-2025 with no major issues to report. Nutrient and DOC analysis has resumed on the project with Dr. McDonald's lab.

Quality control checks for the PFAS analysis have passed, giving us confidence both our field and lab methods are providing reliable data.

Task 3. Data Analysis

Work on this task has not started.

Task 4. Project Outreach

Chloe Rodriguez, Dr. Ma's graduate student, presented a poster outlining the study at the annual Texas A&M Water Days student conference.