

**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:**

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**Reporting Period:** Q7, 2026-03-01 through 2026-05-31

**Summary of Q6 Updates:**

Monthly samples and four additional storm events were obtained this quarter. Work has started on a manuscript and a conference presentation is being developed.

**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.

**Task 2. Data Collection and Laboratory Analysis:**

The field team collected samples on March 25, April 14 (storm samples), April 16, April 22 (storm samples), May 4 (storm samples), and May 26 with no major issues to report. QC samples indicate no major issues. Lab analysis is continuing with no major issues to report.

**Task 3. Data Analysis**

Data workbooks are being maintained and updated as lab results come in. Preliminary data indicate presence of short chain PFAS in water samples, particularly lower in the watershed. Long chain samples are found in the sediment. We are still waiting to collect and process additional data (higher flow samples in particular) to establish statistical models between environmental drivers and PFAS concentrations.

**Task 4. Project Outreach**

Chloe Rodriguez will present results from the first year samples at the Universities Councils on Water Research in San Antonio in June. A draft journal manuscript is being prepared for submission with the same data set.