

AQRP Monthly Technical Report

PROJECT TITLE	Texarkana Intensive Campaign	PROJECT #	24-007
PROJECT PARTICIPANTS	University of Houston, Baylor University, Aerodyne Research	DATE SUBMITTED	08/10/2025
REPORTING PERIOD	From: 07/01/2025 To: 07/31/2025	REPORT #	1

A Financial Status Report (FSR) and Invoice will be submitted separately from each of the Project Participants reflecting charges for this Reporting Period. I understand that the FSR and Invoice are due to the AQRP by the 15th of the month following the reporting period shown above.

Detailed Accomplishments by Task for reporting period

- Worked on analysis to identify the most likely sources of particulate matter pollution causing high readings at the TCEQ monitor.
- Worked on the integration of the traces from the different mobile laboratories to better facilitate comparisons.
- Completed the Draft Final Report. The Draft Final report was submitted to the AQRP on August 1, 2025.

Preliminary Analysis

Analysis has been incorporated into the Draft Final Report.

Data Collected

- Final trace gas and meteorological data was delivered to the field team on May 28, 2025, to begin analysis tasks.

Identify Any Problems or Issues Encountered and Proposed Solutions or Adjustments

No major problems.

Goals and Anticipated Issues for the Succeeding Reporting Period

- Submit Draft Final Report on August 1, 2025.
- Work and submit Final Report by August 31, 2025.
- Present at the AQRP workshop in Austin that will be held on August 26, 2025.

Detailed Analysis of the Progress of the Task Order to Date

None

Do you have any publications related to this project currently under development? If so, please provide a working title, and the journals you plan to submit to.

Yes No

Do you have any publications related to this project currently under review by a journal? If so, what is the working title and the journal name? Have you sent a copy of the article to your AQRP Project Manager and your TCEQ Liaison?

Yes No

Do you have any bibliographic publications (ie: publications that cite the project) related to this project that have been published? If so, please list the reference information. List all items for the lifetime of the project.

Yes No

Do you have any presentations related to this project currently under development? If so, please provide working title, and the conference you plan to present it (this does not include presentations for the AQRP Workshop).

Yes No

Do you have any presentations related to this project that have been published? If so, please list reference information. List all items for the lifetime of the project.

Yes No

Have any personnel changes occurred that were not listed in the original proposal? If so, please include a detailed description of the personnel change(s) below.

Yes No

Are any delays expected in the progress of the research? If so, please include a detailed description of the potential delay below.

Yes No

Describe any possible concerns/issues (technical or non-technical) that AQRP should be made aware of.

N/A

Are you anticipating using all the available funds allocated to this project by the end date? If not, why and approximately what is the amount to be returned?

Yes No

Submitted to AQRP by
James Flynn