

AQRP Monthly Technical Report

PROJECT TITLE	Advancing Assessment of Texas NO _x Emissions and Temporal Variability using TEMPO NO ₂ and CAMx	PROJECT #	26-019
PROJECT PARTICIPANTS	Ramboll Dr. Dan Goldberg	DATE SUBMITTED	September 14, 2026
REPORTING PERIOD	From: April 30, 2026 To: August 31, 2026	REPORT #	1

A Financial Status Report (FSR) and Invoice will be submitted separately 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

Task 1: Develop Summer 2024 Modeling Dataset (April–September 2024)

Task 1 has not yet been initiated.

Task 2: Characterizing the WRF Meteorological Influences on NO₂

Task 2 has not yet been initiated.

Task 3: CAMx Ozone Source Apportionment Technology (OSAT) Modeling

Task 3 has not yet been initiated.

Task 4: Sensitivity Analysis of NO_x Sources

Task 4 has not yet been initiated.

Task 5: Comparison of NO₂ Columns between CAMx and TEMPO

Task 5 has not yet been initiated.

Task 6: Project Management and Reporting

Developed Work Plan consisting of Statement of Work, detailed budget and justification and quality assurance project plan (QAPP). Revised and resubmitted Work Plan after receiving comments from TCEQ and AQRP.

Preliminary Analysis

None.

Data Collected

None.

Identify Any Problems or Issues Encountered and Proposed Solutions or Adjustments

The contract will be delivered later than anticipated. We will adjust the task schedules as needed.

Goals and Anticipated Issues for the Succeeding Reporting Period

Begin developing the WRF and CAMx modeling platform for the April–September 2024 modeling period.

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.

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 Tejas Shah