

AQRP Monthly Technical Report

PROJECT TITLE	MOVES-Based NO _x Analyses for Urban Case Studies in Texas	PROJECT #	16-010
PROJECT PARTICIPANTS	Sonoma Technology, Inc. (STI)	DATE SUBMITTED	August 8, 2017
REPORTING PERIOD	From: July 1, 2017 To: August 4, 2017	REPORT #	10

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

During this reporting period, the STI team continued analysis of results from Task 1 (emissions reconciliation analysis) and Task 2 (emissions sensitivity analysis), developed and delivered the draft final report, and presented the project status and findings at the AQRP Workshop (under Task 3).

Preliminary Analysis

The STI team completed NO_x emissions reconciliation analysis and sensitivity analysis. The analysis results were provided in the draft final report, which was delivered on July 31, 2017 to the Project Manager and the TCEQ Liaison. The analysis results and project findings were also summarized in slides and presented at the AQRP Workshop on August 3, 2017.

Data Collected

No new data were collected during this reporting period.

Identify Problems or Issues Encountered and Proposed Solutions or Adjustments

The team continued to follow the analysis strategy and project reporting plan as described in previous monthly technical reports; no additional problems or issues were encountered during the reporting period.

Goals and Anticipated Issues for the Succeeding Reporting Period

This is the final Monthly Technical Report for the project. No significant issues are expected in delivering the final project report.

Detailed Analysis of the Progress of the Task Order to Date

The completion of project tasks and the project deliverables are expected to follow the schedule from the work plan and quality assurance project plan.

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 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

Working title: MOVES-Based NO_x Analyses for Urban Case Studies in Texas
Conference: US EPA Emissions Inventory Conference, Baltimore, MD, August 14-18, 2017
Podium session: Reconciling NO_x Emission Inventories with Ambient Observations

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

Submitted to AQRP by Song Bai sbai@sonomatech.com

Principal Investigator Song Bai