

AQRP Monthly Technical Report

PROJECT TITLE	Identifying and Apportioning Ozone Producing Volatile Organic Compounds in Central Texas	PROJECT #	17-053
PROJECT PARTICIPANTS	Aerodyne Research, Inc.	DATE SUBMITTED	2/13/2017
REPORTING PERIOD	From: January 10, 2017 To: January 31, 2017	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

Third planning meeting January 30th
Manjula/Paola = iodide CIMS will be prepared on time
Tara = QCLs and other gas will be integrated into AML on time
Ed = LTOF AMS will change mounting in AML
Ezra = ECHAMP will ship to ARI for integration in April
Brian = GC-TOF is functioning. New Rack needs to be constructed.
Rob = scouting San Antonio locations
Scott = Inlet discussion; will produce a mast with turbulent downdraw for instruments to subsample from
Open conversation on utility of Alkyl-nitrates, OH reactivity, P(O₃) measurement.

Preliminary Analysis

none

Data Collected

none

Identify Problems or Issues Encountered and Proposed Solutions or Adjustments

Project is underway, planning issues are not yet problems.

Goals and Anticipated Issues for the Succeeding Reporting Period

In the next report, we need to have sites selected and logistics worked out. Instrument integration schedules will be more fully developed as well.

Detailed Analysis of the Progress of the Task Order to Date

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, all presentations are internal or amongst performers

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 Scott Herndon

Principal Investigator