

AQRP Monthly Technical Report

PROJECT TITLE	Next steps for improving Texas biogenic VOC and NO emission estimates	PROJECT #	18-005
PROJECT PARTICIPANTS	UCI Ramboll	DATE SUBMITTED	11/7/2018
REPORTING PERIOD	From: 10/31/2018 To: 10/31/2018	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. We 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

Task 1. Measure Texas BVOC emission factors and their variability

Not yet initiated. UCI/Ramboll received authorization to begin work on the project on October 31, 2018 and will start work on this task in November 2018.

Task 2. MEGAN model improvements

As in Task 1 above.

Task 3. MEGAN3.1 sensitivity analysis of Texas biogenic emissions

As in Task 1 above.

Preliminary Analysis

None.

Data Collected

None.

Identify Problems or Issues Encountered and Proposed Solutions or Adjustments

None.

Goals and Anticipated Issues for the Succeeding Reporting Period

UCI and Ramboll will work on the development and implementation of the soil NO emission approach in MEGAN.

Detailed Analysis of the Progress of the Task Order to Date

The project is proceeding as planned.

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

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

Alex Guenther, UCI