

AQRP Monthly Technical Report

PROJECT TITLE	Detecting events and seasonal trends in biomass burning plumes using black and brown carbon: (BC) ₂ El Paso	PROJECT #	19-031
PROJECT PARTICIPANTS	Rebecca J. Sheesley (Baylor) Sascha Usenko (Baylor) James Flynn (UH)	DATE SUBMITTED	Jan 8, 2019
REPORTING PERIOD	From: Dec. 1, 2018 To: Dec. 31, 2018	REPORT #	2

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

Baylor and UH received their final, fully executed Task Orders on Dec. 6. Ordering of supplies and consumables has begun. Baylor and UH have conducted planning calls for the (BC)₂ project. The two TAP instruments were received at Baylor on Dec 19, 2018. The nephelometer was tested in the UH laboratory.

Preliminary Analysis

NA

Data Collected

NA

Identify Problems or Issues Encountered and Proposed Solutions or Adjustments

The TAP instruments and the final Task Order arrived just prior to holiday break. This reduced our ability to begin testing and to schedule a site visit in El Paso. This may cause a small delay in deployment time.

Goals and Anticipated Issues for the Succeeding Reporting Period

Testing of the TAP instruments in the Baylor labs. In addition, Baylor and UH will work on the final deployment configuration and schedule a site visit to El Paso.

Detailed Analysis of the Progress of the Task Order to Date

The project is still in its initial stages.

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

Principal Investigator