AQRP Monthly Technical Report

PROJECT TITLE	Quantifying the Emissions and Spatial/Temporal Distributions of Consumer Volatile Chemical Products (VCPs) in the Greater Houston Area	**PROJECT #**	22-020
PROJECT PARTICIPANTS	Dr. Yue Zhang, Alana Dedero, Zhenli Lai, Dr. Ying Qi, Hee Won Yim	**DATE SUBMITTED**	09/22/2022
REPORTING PERIOD	**From:** Project start date **To:** 8/31/2022	**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 for reporting period

We setup our first project kickoff team meeting this month, and assign all the tasks for everyone. In addition, we are also preparing for our field study in October.

Preliminary Analysis
Our team put together slides to assign the field study and modeling roles for each group. We also started purchasing supplies for the research.

Data Collected
N/A

Identify Any Problems or Issues Encountered and Proposed Solutions or Adjustments
N/A

Goals and Anticipated Issues for the Succeeding Reporting Period
We plan to: (1) order key supplies for the October field study; (2) generate modelled VCP concentration in the Houston area; (3) make a comprehensive of VCP list we plan to measure

Detailed Analysis of the Progress of the Task Order to Date
N/A

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.

N/A

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
Dr. Yue Zhang