AQRP Project Number	Title	Principal Investigator	Institutions represented	Funding Awarded
6	Quantification of Industrial Emisions of VOCs, NO_2 and SO_2 by SOF and Mobile DOAS	Johan Mellqvist	Chalmers Univ. of Technology & Univ. of Houston	$498,644
8	Factors Influencing Ozone-Precursor Response in Texas Attainment Modeling	Daniel Cohan	Rice, & Environ	$190,966
9	Additional Flare Test Days for TCEQ Comprehensive Flare Study	Vincent Torres	UT-Austin	$591,332
14	Quantifying Emission Estimates from Biogenic and Oil and Gas Production Sources in Texas	Christine Wiedinmyer	UCAR/NCAR	$595,173
15	An Assessment of Nitryl Chloride Formation Chemistry and its Importance in Ozone Non-attainment areas in Texas	James Roberts	NOAA, Environ	$201,306
20	NO_x Reactions and Transport in Nighttime Plumes and Impact on Next-Day Ozone	Steven Brown	NOAA, Environ	$202,498
21	Dry Deposition of Ozone to Built Environment Surfaces	Richard Corsi	UT-Austin	$248,830
22	Development of Speciated Industrial Flare Emission Inventories for Air Quality Modeling in Texas	Daniel Chen	Lamar Univ.	$150,000
26	Biogenic VOC Flux Measurements in East Texas	Gunnar Schade	Texas A&M	$200,000
29	Wind Modeling Improvements with the Ensemble Kalman Filter	John Neilson-Gammon	Texas A & M	$80,108
32	SHARP Data Analysis: Radical Budget and Ozone Production	Barry Lefer	Univ. of Houston, Penn State, Univ. of New Hampshire, Univ. of Miami, & UCLA	$248,652
34	Dallas Measurements of Ozone Production	Barry Lefer	Univ. of Houston & Penn State	$195,054
42	Environmental Chamber Experiments to Evaluate NOx Sinks and Recycling in Atmospheric Chemical Mechanisms	Greg Yarwood	Environ, UC-Riverside, & Smog Reyes	$237,481
45	Quantification of Hydrocarbon, NOx, and SO2 emissions from Petrochemical Facilities in Houston: Interpretation of the 2009 FLAIR dataset	Jochen Stutz	UCLA, UNC, Aerodyne, & Washington State	$398,401
Contingency Projects				
24	Surface Measurements and One-Dimensional Modeling Related to Ozone Formation in the Suburban Dallas-Fort Worth Area	Robert Griffin	Rice, Univ. of New Hampshire, NCAR, Univ. of Michigan, & Univ. of Houston	To Be Determined up to $511,878 if funding available
44	Airborne Measurements to Investigate Ozone Production and Transport in the Dallas/Fort Worth (DFW) Area During the 2011 Ozone Season	Maxwell Shauck	Univ. of Houston	$380,261