

# Summary

## TWG Biannual Meeting

4 Sept 2014

10:00am - noon

TxDOT, 200 E. Riverside Drive, Bldg. 200, Classroom "A" Austin, Texas  
(and by VTC at TxDOT District Offices)

### A. Introductions & Announcements

Self introductions were made and attendees signed-in. There were 13 TWG members in attendance along with 14 additional participants via VTC from TxDOT district offices in Dallas/Fort Worth, Houston, El Paso, Paris and Waco.

### B. Primary Discussion Item—The following presentations were made:

- **MOVES2014**—Jeff Riley discussed the main points of OTAQ's MOVES2014 presentation to the National Association of Clean Air Agencies (NACAA) in mid-August 2014. Riley reported that on July 21, 2014, EPA released the MOVES2014 mobile source model. Riley reported that the overall impression of MOVES2014 is that it's an upgrade or improvement over existing MOVES models. Riley reported that the intent of MOVES2014 was not to do a drastic overhaul but rather to take the overall structure and format of the MOVES2010 model and incorporate some updates to it; it was intended to capture some new rulemakings and science. Riley reported that MOVES2010 users approached OTAQ with suggestions for a better model and MOVES2014 attempts to address those comments.

Riley reported that one of the main features of MOVES2014 is intended to capture is the ability to consider the effects of several new EPA rules: the Tier 3 vehicle fuel emissions rules, the heavy duty greenhouse gas phase one rules, and the light duty greenhouse gas rules. Riley reported that the MOVES2010 model was incapable of incorporating the effects of these rules would have long term on the emissions model.

Riley reported that MOVES 2014 was intended to capture several updates and information of studies that had been conducted since the release of MOVES2010. These updates include fuel effects, evaporative emissions temperature effects, and upgrades to population and activity data.

Riley reported that one of the intentions was to improve upon the model's functionality by developing a fuel wizard utility deck and provide the ability to adjust for fuel property changes. Riley also reported that the model captures the

updated approach that FHWA had made in updating the methodology to capture the Highway Performance Monitoring System (VMT).

Riley noted one of the main points of interest from the presentations were some graphical representations of initial reports from model use. Riley reported that OTAQ ran some example cases from three different cities and compare output from MOVES2010B to MOVES2014. Riley reported that the initial impacts they were seeing coming out of those example runs were due to reductions from the Tier 3 rule. Riley reported that hydrocarbon concentrations were generally lower in MOVES2014.

Dennis Perkinson then provided an overview of current TTI initiatives regarding the implementation of MOVES2014 in Texas. Perkinson reported that TTI is in the process of updating the utilities that they use for producing emissions inventories in Texas to incorporate MOVES2014. Perkinson reported that TTI is obligated to have that done by the fall. Perkinson reported that they have a concomitant commitment to apply it in two areas, statewide and an urban area.

Perkinson reported that they had additional applications queued up for later in the year that require the application of MOVES2014.

A roundtable discussion followed these presentations.

- **Texas Voluntary Air Programs**— Andrew Hoekzema presented a PowerPoint overview on Texas Voluntary Air Programs. The presentation is available at: <https://www.texastwg.org/files/2011/11/2014-09-04-TWG-Presentation.pdf>

### C. Agency Information & Updates

- TCEQ (Jamie Zech)  
Jamie Zech reported the following:
  - (1) The TCEQ is developing DFW attainment demonstration and reasonable further progress SIP revisions for the 2008 eight-hour ozone standard. They are due to the EPA in July 2015, and the DFW area is required to attain the 2008 eight-hour ozone standard by December 31, 2018. Agenda for the proposal packages is scheduled for December 2014.
  - (2) The TCEQ is developing an HGB redesignation substitute SIP revision for the one-hour ozone standard.
  - (3) The four first phase near-road monitoring sites are up and collecting data. The TCEQ is still working on obtaining site agreements for the two second phase sites that are due in the DFW and HGB areas by January 1, 2015. The TCEQ is currently working with TxDOT in both Fort Worth and Houston to

obtain access agreements within TxDOT rights of way.

**NOTE:** The remainder of the agenda was not completed due to technical difficulties with the videoconferencing technology.

**D. Follow-Up Actions** (Perkinson, Sasser)

- Chris Sasser will follow up with those who did not have the opportunity to present their status updates and include those in the summary.
- Andrew Hoekzema will send Chris Sasser his presentations.
- Chris Sasser will prepare a summary of today's meeting.

**E. Next TWG Meeting: *Thursday, March 5, 2015, TxDOT, 200 East Riverside Drive, Classroom TBD, Austin, Texas* and by VTC at TxDOT District offices.**