



Welcome to the MOVES Review Work Group

March 7, 2018

Local Conference Lines:

EPA Region 1 (Boston): 857-702-8290
EPA Region 3 (Philadelphia): 484-352-3221
EPA Region 5 (Chicago): 312-667-7115
EPA Region 7 (Kansas City): 913-608-8349
EPA Region 9 (San Francisco): 628-246-1294
EPA RTP (Raleigh): 984-444-7480

EPA Region 2 (New York City): 347-384-7287
EPA Region 4 (Atlanta): 470-705-2279
EPA Region 6 (Dallas): 469-250-2701
EPA Region 8 (Denver): 720-642-6536
EPA Region 10 (Seattle): 206-800-4483

The meeting will begin shortly.



Meeting Agenda

- Welcome from the Chairs
- Member Roll Call
- Announcements
- Presentations
 1. Ethanol's Emissions Effects in MOVES2014
Steve VanderGriend, Urban Air Initiative
 2. Growth Energy Ethanol and Aromatics Testing Program
Tom Darlington, Air Improvement Resource, Inc.
 3. Implications of Emerging Trends and Needs for MOVES
Chris Frey, North Carolina State University
- Future Meetings / Wrap-up



Member Roll Call

Name	Home Organization	Representing Organization
Matthew Barth	University of California, Riverside (CE-CERT)	University of California, Riverside (CE-CERT); Workgroup Co-Chair
Megan Beardsley	EPA OTAQ	EPA; Workgroup Co-Chair
Giedrius Ambrozaitis	Alliance of Automobile Manufacturers	Alliance of Automobile Manufacturers
Susan Collet	Toyota	Coordinating Research Council (CRC)
David D'Onofrio	Atlanta Regional Commission	Association of Metropolitan Planning Organizations (AMPO)
Tim French	Engine Manufacturers Association (EMA)	EMA
Christopher Frey	North Carolina State University	North Carolina State University
Mike Geller	Manufacturers of Emission Controls Association (MECA)	MECA
John German	International Council on Clean Transportation (ICCT)	ICCT
Gil Grodzinsky	Georgia Department of Natural Resources	Association of Air Pollution Control Agencies (AAPCA)
Cecilia Ho	Federal Highway Administration (FHWA)	FHWA
Britt Holmen	University of Vermont	University of Vermont
Vernon Hughes	California Air Resources Board (CARB)	CARB
Joseph Jakuta	Ozone Transport Commission (OTC)	OTC
Mark Janssen	Lake Michigan Air Directors Consortium (LADCO)	LADCO
Chris Kite	Texas Commission on Environmental Quality	AAPCA
Jim Kliesch	Honda	Honda
David Lax	American Petroleum Institute (API)	API
Lubna Shoaib	East-West Gateway Council of Governments	AMPO
Matt Solomon	Northeast States for Coordinated Air Use Management (NESCAUM)	NESCAUM
Matthew Thornton	National Renewable Energy Laboratory (NREL)	NREL
Steven Vander Griend	ICM Inc.	Energy Future Coalition/Urban Air Initiative
Chris Voigt	Virginia Department of Transportation	Amer. Assoc. of State Highway and Transportation Officials (AASHTO)
Dale Wells	Colorado Department of Public Health and Environment	National Association of Clean Air Agencies (NACAA)
Chris Wolfe	Environmental Defense Fund (EDF)	EDF
Wei Zhang	Idaho Department of Environmental Quality	NACAA

Announcements

- Please type your name and affiliation in the Chat window. To ask a question or make a statement, please raise your hand via Adobe Connect.
- State your name when speaking, so that the contractor can attribute comments correctly. When not speaking, please **keep your phone on mute**.
- Prior to posting on the work group website, draft meeting minutes will be distributed to work group members for review
- EPA is updating MOVES Technical Reports to reflect many of the expected model updates presented to the Work Group. Draft technical reports and peer-review materials are posted on EPA's Science Inventory page (<https://cfpub.epa.gov/si/>; search "MOVES201X").
- EPA is planning a minor model update: MOVES2014b



MOVES Minor Update: MOVES2014b

- EPA is planning a minor MOVES update – MOVES2014b – that will improve the nonroad capabilities of MOVES
- MOVES2014b will include new nonroad engine population growth factors and will resolve a bug in the nonroad fuel supply. It will also update emissions for Tier 4 nonroad engines.
- This minor update will not impact inventories of onroad criteria pollutants
- MOVES2014b will not be considered a new model for SIP and transportation conformity purposes
 - There will be no new conformity grace period
- Estimated net emission changes between MOVES2014a and MOVES2014b will be shared with the Work Group as they become available
- Our target for releasing MOVES2014b is summer 2018



Mobile Source Technical Review Subcommittee

- Next meeting is Tuesday, May 22
- Opportunity for MOVES Review Work Group to present a report and recommendations
- Work Group co-chairs will draft:
 - a summary of what the group has covered since last MSTRS update (May 2017)
 - Draft short-term and long-term recommendations based on meeting discussions.
- Draft will be circulated to work group members for review.

