

MOVES 2013 Evaporative Emissions Overview

MSTRS MOVES Review Work group

November 27, 2012

Outline for Today's Meeting

- Introduction
 - Planned updates for MOVES2013
- Review of what is currently in MOVES2010b
- Real World Evaporative Emissions Studies
 - Data used for MOVES2010b
 - CRC E-77 Test Programs
 - High Evap Field Studies
 - Multiday Diurnal testing
 - Running Loss Testing (current program)
 - What's next?

Planned Evaporative Emissions Updates for MOVES2013

- Updating Hot Soak emission rates with new data
- Updating Cold Soak (diurnal) emission rates
 - New emissions data
 - New activity data
 - Algorithm that better accounts for multi-day effects
- Improving altitude effect algorithm
- Adding fuel volatility and ambient temperature effects for Running Loss.
- Adding fuel volatility effect for Hot Soak
- Updating leak prevalence rates
 - Adjusting I/M and Non-I/M rates due to changes in leak prevalence rates



More to come

- Today's meeting provides background and context for planned updates
- We will present detailed descriptions of the planned changes at future meetings