Onroad Inventory Course
April 17, 2012
Questions and Answers

1. **Since the MOVES model is county based, how do you recommend that tribes estimate onroad emissions?** There will not be default MOVES input data for tribal areas. Tribes can download county data relevant to their tribal area and use the activity data as a surrogate for calculating their onroad emissions. MOVES has an option to create "custom" areas that can be used to represent the tribal areas when running MOVES.

2. **Will the QA tool work against MOVES 2010a and MOVES2010b? Will it only work against the newest MOVES Model**? It will work with both. Any tables not found in the MOVES2010a county databases will be created by the QA tool.

3. **Why do you need separate databases for each county? 2008 submission allowed for an entire state in a single database... is this new due to issues encountered in 2008?** The modeling tool used for the 2008 NEI (NMIM) used a single (large) database to contain data from all counties. Our new model (MOVES) currently requires that each county have separate (smaller) databases.

4. **If [hourvmtfraction] is different by month, how can we put them in CDB?** MOVES currently does not allow for the hourly VMT fraction to vary by month of the year in a single run. For purposes of the NEI, use a typical or average hourly VMT fraction.

5. **Is this presentation being recorded for future viewing?** This file, the presentation with speaker's notes and the recorded session will be posted the CHIEF website at
    http://www.epa.gov/ttn/chief/eidocs/training.html#eis
6. **Can we get the MySQL QA tool? We had rounding errors in our home grown QA checks.** If you want the draft prior to when it's posted on the 2011 NEI website, contact Laurel (driver.laurel@epa.gov).

7. **I understand the steps up until we submit a package with all the documentation. I am confused about the CERS Table, Exchange Header, Location etc. tables. I had to step out a second, is this part of the submittal process too?** The tables are part of the submittal. The "bridge tool" is available from the EIS gateway. You can use the bridge tool to create the Access 2003 'staging tables' of which CERS Table, etc are included. If you have all the required fields in a database or excel file or other flat file, you can populate the staging tables by linking to that file. Once you create the staging tables, use the bridge tool to convert to XML. The zipped XML file is your entire emissions submittal. For a CDB submittal the XML is a piece (from only the CERS and Exchange tables, or from the XML script shown on slide 22) of the submittal.

8. **Do you have any time estimate on how long it will be from when agencies upload CDB until EPA runs MOVES and posts emissions to the EIS?** We don't expect to fully populate the EIS with EPA estimates until after the window closes December 31, 2012. However, we plan to do periodic sweeps to collect CDB data and run in MOVES during the open submittal window period. Resources may not allow for multiple submittals of EPA data to EIS if agencies may be resubmitting and thereby changing the results.

9. **Can you elaborate on what the CDB (input files) will be exactly.** The CDB files are the 21 MySQL database tables created by the County Data Manager tool in MOVES with three additional input tables that may be of interest to some states. MOVES requires that a county database contain the tables created by the County Data Manager, and MOVES cannot run without them. The additional tables are optional and can be empty, but may be needed to contain information critical to proper simulation of particular counties. The QA tool will create these tables (empty) if they are not found in your county database. The CountyYear table would be used to supply information about local Stage 2 refueling emissions control programs. The EmissionRateByAge table is intended to contain emission rates supplied to states which have adopted California emission standards. The SCCRoadTypeDistribution table can be used to direct VMT to the appropriate SCC road types from the MOVES road type descriptions. The presentation shows a complete list of the table names. A MySQL database

is simply a folder containing a set of MySQL table files. Each MySQL table is made up of three files (MYD, MYI and frm extensions), so a CDB folder (database) will contain 72 files (3 * 24).