

ATTACHMENT 3 – MOVES LEV Script

```
#####  
-- MyLEVs.sql  
-- 12/22/12  
  
--  
-- Updated for Massachusetts by Marc Bennett 617-292-5597  
-- Started LEV for LD vehicles in 1995  
-- Started LEV for MD vehicles in 2003 (waiting for EPA reply)  
  
--  
-- This script uses the database "LEV_Standards" to create a new database, "MyLEVs"  
-- with adjusted LEV emission rates for only a subset of model years  
  
--  
-- Users must edit the last command in the script to specify the desired model years.  
-- See "Instructions for using LEV and NLEV Inputs for MOVES"  
  
#####  
-- Create database  
  
drop database if exists MyLEVs;  
create database MyLEVs;  
use MyLEVs;  
  
#####  
  
-- Create a table to hold the adjusted LEV emission rates.  
  
drop table if exists mylevs.emissionratebyage;  
CREATE TABLE mylevs.emissionratebyage (  
  `sourceBinID` bigint(20) NOT NULL default '0',  
  `polProcessID` smallint(6) NOT NULL default '0',  
  `opModeID` smallint(6) NOT NULL default '0',  
  `ageGroupID` smallint(6) NOT NULL default '0',  
  `meanBaseRate` float default NULL,  
  `meanBaseRateCV` float default NULL,  
  `meanBaseRateIM` float default NULL,  
  `meanBaseRateIMCV` float default NULL,  
  `dataSourceId` smallint(6) default NULL,  
  PRIMARY KEY (`ageGroupID`,`opModeID`,`polProcessID`,`sourceBinID`),  
  UNIQUE KEY `XPKEmissionRateByAge`  
    (`sourceBinID`,`polProcessID`,`opModeID`,`ageGroupID`),  
  KEY `polProcessID` (`polProcessID`)  
) ENGINE=MyISAM DEFAULT CHARSET=latin1 ;
```

#####

-- Table listing short codes and model year.

-- shortModYrGroupID | modelYearGroupName

--	95 1995
--	96 1996
--	97 1997
--	98 1998
--	99 1999
--	20 2000
--	21 2001
--	22 2002
--	23 2003
--	24 2004
--	25 2005
--	26 2006
--	27 2007
--	28 2008
--	29 2009
--	30 2010
--	31 2011
--	32 2012
--	33 2013
--	34 2014
--	35 2015
--	36 2016
--	37 2017
--	38 2018
--	39 2019
--	40 2020
--	07 2021-2050

-- Model years 1994-2002 are LEV1 program model years.

-- Model years 2003-2050 are LEV2 program model years.

#####

-- Insert values for LEV emission rates for years covered by program.

-- Edit this command as described in "Instructions for using LEV and NLEV Inputs for MOVES"

-- In the sequence of short codes at the bottom of this section,

-- keep the codes that correspond to model years in the LEV Program; and

-- delete the codes that correspond to model years NOT in the LEV Program.
-- Make sure that a comma is not between a number and a parenthesis.

insert into mylevs.emissionratebyage (

 sourcebinid,
 polprocessid,
 opmodeid,
 agegroupid,
 meanbaserate,
 meanbaseratecv,
 meanbaserateim,
 meanbaserateimcv,
 datasourceid)

select

 sourcebinid,
 polprocessid,
 opmodeid,
 agegroupid,
 meanbaserate,
 meanbaseratecv,
 meanbaserateim,
 meanbaserateimcv,
 datasourceid

from LEV_Standards.emissionratebyage

where polprocessid in (101,201,301,102,202,302)

and mid(sourcebinid,8,2) in

 (95,96,97,98,99,20,21,22,
 23,24,25,26,27,28,29,30,31,32,
 33,34,35,36,37,38,39,40,07);

#####