

## Status of 2008 Ozone NAAQS Redesignation Request & Maintenance Plan

### Milestone Years

Base year – 2011

Attainment year – 2014

Intermediate year - 2025

Final year - 2030

### Emissions Inventories

#### Pollutants and Time Period of Analysis – VOC, NOx, and CO Average Ozone Season Day

##### 2011

Emissions from BY2011 emissions inventory submitted for the 2008 ozone SIP will be used for the analysis required as part of the redesignation request.

On-road Source Emissions - MOVES2014a emissions for 2011 will be adjusted to develop MOVES2014a emissions for that year and compared with MOVES2014a based 2014 emissions for redesignation request purposes. A preliminary calculation is shown on the page 2 of this document to illustrate the comparison.

##### 2014

- a) Point (EGU & NEGU), Area, MAR sources
  - a. DC – Provided emissions for NEGU, Area, and MAR sources; No EGU in DC.
  - b. VA – Provided emissions for EGU, NEGU, Area, and MAR sources
  - c. MD – Provided emissions for EGU, NEGU, Area, and MAR sources
- b) Nonroad model sources –MWAQC staff developed MOVES2014a nonroad model emissions.
- c) On-road sources – TPB staff developed MOVES2014a 2014 runs for on-road sources

##### 2025 & 2030

- a) Point (EGU only) sources – VA provided these emissions. Draft EGU emissions developed for MD. No EGU in DC.
- b) NEGU, Area and MAR sources – Growth factors to project emissions to future years for:
  - i. Population, Employment, and Households from COG Co-operative Round 9.0 – Completed
  - ii. VMT using TPB VMT projections from the 2016 CLRP analysis – TPB staff developed 2014 VMT estimate and MWAQC staff is currently reviewing data.

- iii. Additional surrogates, if any will be decided and subsequently developed based on the recommendations made in today's Emiss Inv sub-committee call
- d) Nonroad model sources - MWAQC staff developed MOVES2014a nonroad model emissions.
- c) Nonroad model sources - TPB staff completed on-road emissions and is currently reviewing the results. MWAQC staff developed nonroad emissions.

Status of Emissions Inventory (As of March 24, 2017)															
Jurisdiction	EGU			NEGU			Area/Marine/Air/Rail			Nonroad Model (MOVES2014a)			On-Road (MOVES2014a)		
	2014	2025	2030	2014	2025	2030	2014	2025	2030	2014	2025	2030	2014	2025	2030
DC	N/A	N/A	N/A												
MD															
VA															
2014, 2025 & 2030 MOVES2014a emissions complete, under review															
Surrogate list being developed for NEGU, Area and MAR sources for projecting their emissions to 2025 and 2030															

**Plan Document Development**

Currently MWAQC staff is developing draft documents and they will soon be shared with state air agencies. After receiving the feedback from the state air agencies, they will be shared with MWAQC-TAC.