

Status of Base Year 2017 Emissions Inventory
(2015 Ozone NAAQS)

Point source – Draft and final NEI 2017 emissions will be available on April 1, 2019 and April 1, 2020 respectively. Final EPA version would also include Mercury and HAPs emissions. Is draft emission data submitted by states on April 1, 2019 not good enough for BY submittal since it would contain VOC, NOx, and CO emissions required for BY submittal?

Non-Point source – Draft and final NEI 2017 emissions will be available on November 1, 2019 and April 1, 2020 respectively. Final EPA version is expected to include QA/QCied non-point data (bin 3), which need reconciliation with point source data. Draft version of bin 3 data will be supplied by states by January 1, 2020. Is draft emission data submitted by states on April 1, 2010 not good enough for BY submittal? Looking at Table A (Draft schedule for base year emissions inventory development and submittal), we can send the pre-hearing BY document to EPA by January 2020 only if we could use the draft data. Extending the submittal in April will make it extremely difficult to comply with the BY submittal deadline of August 3, 2020. Final version of the non-point emissions can be included as a technical correction after the public hearing and comment process.

On-road and nonroad source emissions inventories – The most current MOVES2014b model version will be used to develop emissions inventories for both on-road and nonroad sources.

States provided inputs – Fuel, I/M programs, and control programs

MWAQC staff – Developed 2017 meteorology using July 2017 data from Dulles airport. Currently developing MOVES2014b inputs files for all jurisdictions for the ozone season day analysis for on-road and nonroad sources for the base year 2017.

Event data – These are optional and not required for the BY submittal. Final EPA data would be available by 9/15/2019 so could be included in BY EI, if desired. Should we include it?

NEI2017 Schedule

| Emission Source Sector | State date | EPA date for EIS Publication |
|--|------------|--|
| Point | 4/1/2019 | TBD (4/1/2020 – Final EIS) |
| Non-Point (Area) | 6/30/2019 | 11/1/2019 - Draft EIS (would include draft bin 3 emissions) 4/1/2020 - Final EIS (would likely only include bin 3 emissions QA) 4/30/2020 – NEI2017 Technical Support Document |
| On-Road/Nonroad | 1/15/2019 | 9/15/2019 |
| Event (Wild & Prescribed Fires) - Optional | 9/1/2018 | 9/15/2019 |

Table A - Draft Timeline - Base Year 2017 Emissions Inventory (2015 Ozone Standard)

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|---|--|--|-----|---------------------------|---|--|------------------------------|------------------|---|---|-----|
| Source | 2019 | | | | 2020 | | | | | | |
| | Jan-Apr | May-Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul |
| Point Source | States develop ozone season day (OSD) emissions for 2017 (or convert annual NEI 2017 emissions to OSD emissions where needed) and provide data to MWAQC staff | MWAQC staff includes emissions into BY document | | | | | | | | | |
| Area/MAR Source | States develop OSD emissions for 2017 (or convert annual NEI 2017 emissions to OSD emissions where needed) and provide data to MWAQC staff | MWAQC staff includes emissions into BY document | | | | | | | | | |
| MOVES Model Nonroad Source | States develop and provide inputs to MWAQC staff | MWAQC staff develops MOVES2014b model nonroad inventories | | | | | | | | | |
| MOVES Model On-road Source | States develop and provide inputs to MWAQC staff | TPB staff develops MOVES2014b model on-road inventories, MWAQC staff reviews and | | | | | | | | | |
| Documentation & Public Hearing & Comment | States provide methodologies for point, non-point, and MAR source emissions. TPB staff develops documentation for MOVES2014b on-road emissions. MWAQC staff develops documentation for MOVES2014b nonroad emissions. | | | States review BY document | Send pre-hearing Emiss Inv document to EPA for comments | TAC recommends MWAQC for PH&C (Feb 12); MWAQC approves for PH&C (Feb 27) | States post notices for PH&C | PH&C Period ends | TAC approves response to comments (May 7); MWAQC approves the final document (May 22) | MWAQC approves the final document if process is delayed (July 24) | |