

Status of Base Year 2017 Emissions Inventory

(2015 Ozone NAAQS)

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EPA designated the Washington region on August 3, 2018 as a marginal nonattainment area for the 2015 ozone NAAQS. The final implementation rule published on December 6, 2018 for the 2015 ozone NAAQS requires the submission of comprehensive base year emissions inventories for point, nonpoint (area), on-road, and nonroad sources.

Point source – Draft and final data will be available on April 1, 2019 and April 1, 2020 respectively. Final EPA version would 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, NO_x, and CO emissions required for BY submittal?

Virginia ok with draft data. DC & MD – Need to decide

Non-Point source – Draft and final data will be available on November 1, 2019 and April 1, 2020 respectively. Final EPA version is expected to include QA/QC'd 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 and published by EPA on November 1, 2019 not good enough for BY submittal? Looking at Table A (preliminary 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.

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On-road and nonroad source emissions inventories – The most current MOVES2014b model version is being 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 applicable to both on-road and nonroad inventories. Staff QA/QC'd fuel, I/M, and control program inputs provided by states. Developed MOVES2014b inputs files for all jurisdictions for the ozone season day analysis for VOC, NO_x, and CO emissions for nonroad sources for the base year 2017. MOVES2014b nonroad runs will be performed in June this year. TPB staff developed most of the MOVES2014b inputs for the 2017 ozone season run. They already performed Travel Demand Model runs to develop a few inputs for MOVES2014b runs. These runs will be undertaken after EPA has provided its response to the question on the VIN data.

Event data – These are optional for NEI but required by CAA for planning inventory so required to be included for the BY submittal. Final EPA NEI2017 data would be available by September 15, 2019 so could be included in BY EI. **These emissions were included in previous SIPs as forest fire, prescribed fire, and open burning.**

Have states submitted or are planning to submit emissions from these categories for the NEI2017 effort?

