

MWAQC FY 2018 WORK PROGRAM

Metropolitan Washington Air Quality Committee

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Metropolitan Washington Air Quality Committee
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Agenda Item 3

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Background

- MWAQC certified as regional air quality planning agency by Governors/ Mayor pursuant to Title I of the Clean Air Act Amendments of 1990
- Bylaws (adopted July 22, 1992; amended October 27, 2004)
- Mission
 - Develop National Ambient Air Quality Standards (NAAQS) state implementation plans (SIPs) for carbon monoxide (CO), ozone (O₃) and fine particulate matter (PM 2.5) to meet federal health standards
 - Develop air quality maintenance plans for criteria pollutants
 - Fulfill other functions necessary for promulgation and maintenance of regional air quality policies, plans or programs
 - As requested, perform other functions to improve air quality such as evaluation and consideration of innovative and non-regulatory initiatives

National Ambient Air Quality Standards

- **Ozone (O₃)**
 - 1979 1-hour NAAQS = 0.12 ppm (124 ppb)
 - 2005 – Region meets; EPA revokes the standard
 - 1997 8-hour NAAQS = 0.08 ppm (84 ppb)
 - 2004 – Region designated as moderate nonattainment
 - 2007 – SIP submitted 2009 – Region in attainment
 - 2008 8-hour NAAQS = 0.075 ppm (75 ppb)
 - 2012 – Region designated as marginal nonattainment
 - July 2015 – Region not in attainment; requested 1-year extension
 - 2013-15 – Clean data shows attainment; Maintenance Plan needed
 - 2015 8-hour NAAQS = 0.070 ppm (70 ppb)
 - 2017 state designation recommendations; 2014-16 at 72 ppb

National Ambient Air Quality Standards

- **Fine Particulate Matter (PM_{2.5})**

- 1997 annual NAAQS = 15 ug/m³
 - 2005 – Region designated as nonattainment
 - 2005 – Data show attainment
 - 2008 – SIP submitted
 - 2013 – Resignation Request and Maintenance Plan submitted
 - 2014 – Region redesignated to attainment
 - 2016 – EPA revokes the standard
- 2006 daily NAAQS = 35 ug/m³
 - Attainment – no planning requirements
- 2012 annual NAAQS = 12 ug/m³
 - Attainment – no planning requirements

National Ambient Air Quality Standards

- **Carbon Monoxide (CO)**

- 1971 1-hour NAAQS = 35 ppm; 8-hour NAAQS = 9 ppm
 - 1995 – Region meets standard, First Maintenance Plan submitted
 - 2004 – Second and Final Maintenance Plan submitted
 - 2015 – Region meets 20-year compliance threshold
 - CLRP conformity determination no longer required

- **Sulfur Dioxide (SO₂)**

- 2010 – Primary 1-hour standard = 75 ppb
- Addressed at state level – no regional action needed
- 2016 – States submit list of sources for SO₂ characterization

National Ambient Air Quality Standards

- **Nitrogen Dioxide (NO₂)**
 - 2010 1-hour standard = 100 ppb; annual standard = 53 ppb
 - Addressed at state level – no regional action needed
- **Lead (Pb)**
 - 1978 – Quarterly standard = 1.5 ug/m³
 - 2008 – rolling 3-month standard = 0.15 ug/m³
 - Addressed at state level – no regional action needed

FY 2018 MWAQC Priorities

- Finalize and submit Redesignation Request and Maintenance Plan for the 2008 ozone NAAQS
- Track designation and data for the 2015 ozone NAAQS, Begin work to meet the standard
- Work with local members to implement control programs
- Transportation Conformity
 - Review & comment on transportation conformity assessments for ozone
- Outreach
 - Communicate to regional and local leaders and the public on the need for and actions to reduce emissions and improve air quality
 - Develop and publish trends report
 - Develop new graphics/brochures to tell our “story”

FY 2018 Core Work Areas

1. Emissions Inventory Development
2. SIP/Multi-Sector Strategy Development
3. Local Measures
4. Transportation Conformity/Mobile Emissions Analysis
5. Public Participation
6. MWAQC Support
7. Program Management

FY 2018 Core Work Areas

1. Emissions Inventory Development
 - Use for 2008 ozone Maintenance Plan & base year inventory for 2015 ozone NAAQS
 - Identify needed control measures for future year inventories
 - Participate in OTC and MARAMA
 - Assist TPB with inputs for modeling
2. SIP/Multi-Sector Strategy Development for ozone and PM_{2.5}
 - Track and assist states with monitoring network changes
 - Track and take policy actions on statutory and regulatory actions
 - Work with Region Forward, COG Board, CEEPC and others to advance air quality
 - Coordinate with state and local clean energy programs for actions with ozone and PM_{2.5} co-benefits

FY 2018 Core Work Areas

3. Local Measures

- Promote and assist local government actions to reduce emissions of ozone precursors
- Survey members (Climate, Energy, and Air Survey), Update Regional Action Plan as needed
- Assist workgroups such as EV and Tree Canopy with co-benefits
- Report actions to MWAQC and TAC to expand implementation

4. Transportation Conformity/Mobile Emissions Analysis

- Complete off-cycle CLRP conformity analysis
- Begin 2018 CLRP conformity determination
- Support mobile analysis for long range planning
- Coordinate with TPB staff on conformity modeling, review files, acquire data

FY 2018 Core Work Areas

5. Public Participation

- Support ACPAC
 - Air quality topics such as ozone standards, local measures, and environmental justice
- Support outreach by MWAQC leadership and members
- Develop new communication tools (graphics/brochures) for public outreach
- Develop air quality trends report

6. MWAQC Support

- MWAQC, Executive Committee, MWAQC TAC, State Air Directors, TAC subcommittee meetings and calls

7. Program Management

- Manage FY 2018 and prepare FY 2019 Work Program and Budget
- Quarterly financial and status reports to funders
- Ongoing program support

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