



Metropolitan Washington  
Council of Governments

**METROPOLITAN WASHINGTON AIR QUALITY COMMITTEE**  
777 North Capitol Street, N.E., Suite 300  
Washington, D.C. 20002

**Air Quality Planning  
Work Program and Budget**

**July 1, 2017 through June 30, 2018**

Adopted May xx, 2017

Prepared by

Metropolitan Washington Council of Governments  
Department of Environmental Programs  
Air Quality Section

## **I. Background**

This document presents the work program for the Metropolitan Washington Air Quality Committee (MWAQC) to be carried out between July 1, 2017 and June 30, 2018. It describes the work to be carried out by the staff of the Metropolitan Washington Council of Governments (COG) that is directly funded in this work program, as well as the in-kind contributions of the state air quality management agencies from the District of Columbia, Maryland, and Virginia. The tasks outlined in this work program are designed to ensure a regional approach to meeting the federal health standards in the Washington metropolitan region. Through the activities described for the coming year, several important steps will be taken towards improving the air quality of the region and meeting the deadlines required by the Clean Air Act.

### **Certification of the Metropolitan Washington Air Quality Committee**

The authority of MWAQC is derived from the certifications made by the Governors of Maryland and Virginia and the Mayor of the District of Columbia pursuant to Title I, "Provisions for Attainment and Maintenance of National Ambient Air Quality Standards," of the Clean Air Act Amendments of 1990 (section 174, 42 U.S. Code 7504).

### **Mission of Metropolitan Washington Air Quality Committee**

The primary responsibilities of MWAQC are development of regional carbon monoxide (CO), ozone, and PM<sub>2.5</sub> National Ambient Air Quality Standards (NAAQS) plans for meeting the federal health standards for the criteria pollutants for which the Washington, DC-MD-VA region has been designated nonattainment. The air quality plans developed by MWAQC are provided to the States for incorporation in the State Implementation Plan (SIP) for submittal to EPA.

### **Air Quality Classifications of the Washington Metropolitan Region**

#### Ozone Standard<sup>1</sup>:

EPA designated the metropolitan Washington region as moderate nonattainment for the 8-hour ozone NAAQS in January 2004. The SIP adopting all the requirements for moderate nonattainment areas was submitted in June 2007. The region met the June 15, 2010, deadline to meet the 1997 8-hour ozone standard.<sup>2</sup> In 2008 EPA announced a new ozone standard of 75 ppb. The geographic scope of the region includes the Metropolitan Washington Region defined as follows: Montgomery, Prince George's, Frederick, Charles, Calvert Counties in Maryland; Fairfax County, Arlington County, City of Alexandria, City of Falls Church, City of Fairfax, Prince William County, Loudoun County, City of Manassas, City of Manassas Park in Virginia; and the District of Columbia.

In 2009 EPA approved the Reasonable Further Progress portion of the region's 2007 ozone state implementation plan. The approval established a 2008 Motor Vehicle Emissions budget for use in transportation conformity analysis.<sup>3</sup>

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<sup>1</sup> One-Hour Ozone Standard: The Washington region's air quality met the one-hour ozone standard by the region's deadline of November 2005, although EPA revoked the standard earlier in the year and, therefore, no longer made findings of attainment for the one hour ozone standard. In July 2008 EPA published a notice in that the Washington region attained the one-hour ozone standard by its deadline of November 2005.

<sup>2</sup> Federal Register, Vol.77, no. 39, February 28, 2012, 11739.

<sup>3</sup> Federal Register: September 4, 2009 (Volume 74, Number 171)]

In March 2008 EPA promulgated a new ozone standard of 75 ppb based on new evidence that ozone at lower levels has serious health effects. The states in the Metropolitan Washington region recommended to EPA that the region be designated as not attaining the 2008 ozone standard based on monitor data.<sup>4</sup> In 2009 EPA announced it would reconsider the 2008 ozone standard. In January 2010 EPA proposed to lower the ozone standard to the range of 60-70 ppb.<sup>5</sup> EPA postponed announcement of the revised ozone standard until July 2011, at which time the President decided to keep the 2008 standard of 75 ppb. EPA reviewed the 2008 standard and published, in January 2014, a second external review draft of the policy assessment for the review of the 2008 ozone NAAQS.

In May 2012 EPA designated the Washington, DC-MD-VA Metropolitan Area as “Marginal” nonattainment for the 2008 ozone standard. The Washington region and all Marginal nonattainment areas have a deadline of the end of the summer of 2014 to attain the 75 ppb standard. In 2015, the region requested a one-year extension in order to meet the standard. Draft data from 2013 – 2015 shows the region is meeting the standard and will move forward to officially redesignate the region to attainment.

In October 2015, EPA issued a final rule to revise the ozone standard to 70 ppb. States will provide their designation recommendations to EPA by October 2016, based on 2013 – 2015 data. EPA will make their designations by 2017 using 2014 – 2016 data unless they chose to wait for additional data. If EPA chooses to wait for additional data, they must publish designations by 2018.

#### PM<sub>2.5</sub> Standard (“Fine Particles”):

EPA designated the metropolitan Washington region as nonattainment for the 1997 annual PM<sub>2.5</sub> NAAQS (15.0 micrograms per cubic meter, µg/m<sup>3</sup>) in January 2005. The state implementation plan adopting all requirements for the 1997 PM<sub>2.5</sub> standard was submitted in 2008.<sup>6</sup> The geographic scope of the PM<sub>2.5</sub> NAAQS Washington region nonattainment area is the same as for the 1997 8-hour ozone NAAQS, with the exception of Calvert County, Maryland. In December 2008 EPA announced that the monitors in the Washington region showed compliance (“Clean Data”) with the 1997 PM<sub>2.5</sub> NAAQS.<sup>7</sup> Due to monitoring data showing compliance with the 2006 PM<sub>2.5</sub> NAAQS, which reduced the daily standard to 35 µg/m<sup>3</sup>, EPA designated the region attainment for that standard. Therefore, no attainment planning is required for the 2006 PM<sub>2.5</sub> NAAQS.

On December 14, 2012, EPA announced a revised PM<sub>2.5</sub> NAAQS, which lowered the annual standard to 12.0 µg/m<sup>3</sup>. The Metropolitan Washington region’s level of fine particles for 2011 and 2012 are below the 2012 PM<sub>2.5</sub> NAAQS, so the region currently meets the 2012 standard. The region does not have any planning requirements for the 2012 PM<sub>2.5</sub> NAAQS.

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<sup>4</sup> Federal Register, Vol.73, no. 60, March 27, 2008, 16436-16513

<sup>5</sup> Federal Register, Vol. 75, No.11, January 19, 2010, 2938-3053.

<sup>6</sup> Federal Register, Vol. 70, No. 3, January 5, 2005, 948-1018.

<sup>7</sup> Federal Register, Vol. 74, No. 7, January 12, 2009, 1146-1148.

In spring 2013 MWAQC and the States requested EPA to redesignate the Washington region to attainment of the 1997 PM<sub>2.5</sub> NAAQS. In September 2014, EPA redesignated the area as in attainment.

Carbon Monoxide Standard:

The Washington region met the carbon monoxide (CO) standard in 1995. In 2004 a maintenance plan submitted to EPA demonstrated the standard will be maintained until 2016. The region has met the 20-year compliance threshold and no longer have planning requirements including conformity determination.

SO<sub>2</sub> Standard:

EPA revised the primary SO<sub>2</sub> standard, published in the Federal Register on June 22, 2010, by establishing a new 1-hour standard at a level of 75 ppb. In January, 2016, air agencies submitted to EPA a list identifying the specific sources in the state around which SO<sub>2</sub> air quality is to be characterize., In July 2016, EPA's SO<sub>2</sub> Data Requirements Rule mandates that states supply information on the approach to characterizing air quality around each source. These approaches could include monitoring, modeling, a combination of monitoring and modeling, or implementing permit limits. EPA published two draft guidance documents for this purpose, which provide guidance for conducting monitoring and modeling analysis for attainment designations. EPA is encouraging states to submit modeling analyses and updated designation recommendations by January 13, 2017. By December 2017, the EPA intends to issue final designations for areas with modeled violations. If states chose to characterize air quality for certain SO<sub>2</sub> sources through ambient monitoring then they must have any relocated and/or new monitors operational by January 1, 2017. Designations based on three years of monitoring data (2017 through 2019) would be completed in 2020.

NO<sub>2</sub> Standard:

EPA's final NO<sub>2</sub> standard was published on January 25, 2010. It establishes a 1-hour nitrogen dioxide standard at the level of 100 ppb. The current annual average NO<sub>2</sub> of 53 ppb is unchanged. In urban areas, monitors are required near major roads as well as areas where maximum concentrations are expected. In January 2012 EPA determined that no area in the country is violating the 2010 national air quality standards for nitrogen dioxide. The areas have been designated as "unclassifiable/attainment." EPA is working with the state and local air agencies to put in place additional NO<sub>2</sub> roadside monitors that were required. The monitoring network was expected to be operational in 2013, but in March 2013, EPA issued a rule revision requiring states and local agencies to begin operating the roadside NO<sub>2</sub> monitoring network in phases between January 1, 2014 and January 1, 2017. This amends the 2010 rule that originally required all new NO<sub>2</sub> monitors to begin operating on January 1, 2013. Designations will be revised once three years of data from the roadside monitors is available. The states have primary responsibility for developing the required planning documents for the 2010 NO<sub>2</sub> NAAQS.

**Membership on MWAQC**

Membership on MWAQC consists of representatives from twenty-two member local governments within the non-attainment area, as well as the Directors or their designees from the state air quality management agencies and state transportation agencies, representatives of state legislatures, and the Chair of the National Capital Region Transportation Planning

Board (TPB). MWAQC's bylaws allow for the expansion or contraction of MWAQC membership, depending on the geographic scope of the designated nonattainment area. Stafford County, Virginia, participated on MWAQC for the 1-hour ozone standard, but is not part of the 1997 or 2008 8-hour ozone nonattainment area.

### **Organizational Structure of MWAQC**

MWAQC adopted by-laws which established a position of Chair and three Vice-Chairs, and it has several standing subcommittees or special supporting committees including an Executive Committee, a Technical Advisory Committee, and a Public Advisory Committee. The Technical Advisory Committee has several standing subcommittees: Conformity, Attainment Modeling, Forecasting, Emissions Inventory, and Local Government Initiatives Subcommittee.

Officers of MWAQC are the Honorable Hans Riemer, Chair (Council, Montgomery County); Honorable Brandon Todd, Vice Chair (Council of the District of Columbia); Honorable Redella "Del" Pepper, Vice Chair (Council, City of Alexandria); and Honorable Robert Day, Vice Chair (Council, City of College Park). Elections of officers were held on December 14, 2016.

### **Interstate Air Quality Council**

The Interstate Air Quality Council (IAQC) is a cabinet-level collaboration between the District of Columbia, the State of Maryland and the Commonwealth of Virginia. It is comprised of the secretaries of the environment and transportation. IAQC resolves difficult issues if needed to ensure the mutual goals of improved air quality and efficient transportation are met.

### **Staff Support to MWAQC**

The lead role for administrative and technical support to MWAQC is held by the staff of the Metropolitan Washington Council of Governments. Major additional complementary technical staff support is provided by the staffs of the state air quality management agencies. During 1996, MWAQC established a Technical Advisory Committee (TAC) which formally broadened its staff support to include local government technical staff as well as staff representing the state transportation agencies. The 2017 TAC is chaired by Cecily Beall, District Department of Energy and Environment.

## **II. FY 2018 MWAQC Work Program Objectives**

MWAQC and the states will work towards redesignating the region as attainment for the 2008 ozone NAAQS. For the 2015 ozone NAAQS, MWAQC will track designation and lay the ground work to meet the standard. Support will be provided to local members to implement air quality initiatives to help meet the ozone standard.

In FY 2018 MWAQC Core Program objectives:

- Finalize the 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 initiatives to reduce air pollution.
- Review and comment on transportation conformity assessments for ozone.
- Communicate to regional leaders and the public on actions needed to improve air quality.

- Publish air quality trends report.

### **Role of COG/MWAQC Staff**

The lead role for administrative and technical support to MWAQC is held by COG/MWAQC staff. Close collaboration between MWAQC staff and the state air agencies will be necessary to review and revise SIP inventories as needed for ozone, potential control measures, and calculation of necessary reductions needed to meet the standards. MWAQC staff will hold monthly calls with the state air agencies to coordinate work tasks and use of resources. As in the past, MWAQC staff will work closely with COG's Department of Transportation Planning staff on mobile emissions inventory and conformity issues.

### **MWAQC Meeting Frequency**

Five MWAQC meetings are proposed during the 12-month period. The Committee will review and discuss policy implications of federal guidance of the NAAQS for ozone, and take actions such as commenting on guidance and policies recommending and approving SIP revisions for approval as needed for the region and reviewing designation criteria and regional data.

This document is intended to guide the activities of MWAQC through the twelve-month period from July 1, 2017 to June 30, 2018. In subsequent sections the reader will find detailed descriptions of the seven major work program areas that are included in this work program. The seven major work areas are presented in more detail as tasks in the work program. The core work areas are as follows:

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

Costs for each of the above tasks are also included along with more detailed descriptions in Section III of this document.

The states and COG staff will meet periodically to discuss the work program status once contracts have been executed. COG will report quarterly on expenses. With the consent of the Chair of MWAQC and/or the Executive Subcommittee, in consultation with the states and concurrence of the funding agencies, specific subtasks may be delayed, new tasks or subtasks added or substituted, or existing tasks or subtasks modified in scope. These actions would only take place as long as EPA deadlines as interpreted by MWAQC are achieved.

## **III. FY 2018 Work Program Task Descriptions**

Following is a detailed description of the seven major work program areas.

### **1. Emissions Inventory Development (\$50,479)**

The 2008 ozone standard is 75 ppb. Data for the period 2013 - 2015 show the region is meeting the standard and, therefore, the region has agreed to prepare a redesignation

request and maintenance plan for the 2008 ozone NAAQS. Staff will finalize emissions inventories to include any required revisions to the base year inventories and develop new attainment year inventories, intermediate and out year inventories. Staff will coordinate with state air agency staff to receive and review MOVES2014a inputs, will develop MOVES2014a meteorology inputs, and review MOVES2014a inputs and emissions inventories developed by TPB staff. Staff will work with the states to identify the range of control measures and voluntary actions that may be needed for future year inventories.

In October 2017, EPA is expected to designate the region as marginal nonattainment for the 2015 ozone standard. Staff will begin the process of developing the base year inventory for the 2015 ozone standard. Staff will coordinate with the state air agency staff to determine the necessary data for modeling inputs and review inputs and emissions inventories.

Staff will participate in Ozone Transport Commission (OTC) and Mid-Atlantic Region Air Management Association (MARAMA) to support inventory development and keep track of various VOC and NO<sub>x</sub> control measures being adopted by states to reduce ozone. Identification of control measures and voluntary actions will help in attaining any future ozone NAAQS.

Attainment modeling for ozone SIPs will be conducted by Regional Planning Organizations such as the OTC. Staff will participate in and track larger scale attainment modeling efforts at OTC and regional modeling centers in OTC states. Staff will participate in quarterly modeling research meetings held by the University of Maryland and MDE staff. VADEQ is also actively participating in the OTC modeling effort and will provide inputs as needed to evaluate and understand the results of available modeling exercises. COG staff will present informational briefings on the results of modeling exercises to TAC and MWAQC.

**Deliverables:**

**Deadline:**

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>a) Finalize base, intermediate, attainment, and out year inventories, needed as part of the redesignation request and maintenance plan for the 2008 ozone standard</li> <li>b) Plan for designation of the 2015 ozone standard</li> <li>c) Identify Actions Needed for Inventories</li> <li>d) Emissions Inventory Subcommittee Calls</li> <li>e) Meetings of UMD/MDE Modeling (RAAMP)</li> </ul> | <ul style="list-style-type: none"> <li>July 2017</li> <li>Ongoing</li> <li>June 2018</li> <li>As needed</li> <li>Quarterly</li> </ul> |
|--|---|

**2. SIP/Multi-Sector Strategy Development (\$45,272)**

The main focus areas will be ozone planning and identifying cost-effective control measures. MWAQC will plan to meet Clean Air Act and EPA requirements for having the area redesignated to attainment for the 2008 ozone standard. The Metropolitan Washington region is classified as “marginal” nonattainment for the 75 ppb standard and data shows it has met the standard by the July 2016 deadline. The region will move forward to designate the area as attainment and finalize the redesignation request and maintenance plan for submittal the EPA.

Staff will coordinate with OTC/MARAMA ozone precursor pollutant inventory development and photochemical modeling. Staff will also work with the States to lay the groundwork for designation of a revised ozone standard. With a revised ozone standard announced in

October 2015, staff will provide support for the designation and planning process related to the revised ozone standard.

As directed from COG's Multi-Sector Working Group and COG Board, staff will implement recommended actions. Actions will be cost-effective, viable, and implementable by local and state jurisdictions in each four sectors (Energy, Transportation, Land Use, Built Environment), and include co-benefits for criteria pollutants. Staff will facilitate further discussions among MWAQC member agencies and COG committees, such as TPB Technical Committee on the findings and potential implementation actions included in the recommendations of the Multi-Sector Working Group.

Staff will quantify benefits from Energy Efficiency and Renewable Energy programs and projects (EERE) for potential inclusion in future SIPs. Staff will coordinate efforts with the state and local energy offices and state air quality agencies. Projects will be analyzed in terms of providing benefits for NO<sub>x</sub>, SO<sub>2</sub>, and CO<sub>2</sub>.

Staff will follow changes in requirements for monitoring networks, such as near-road monitors. Staff will review and brief MWAQC on proposed federal and state regulatory initiatives affecting the region and develop comment letters as required.

Staff will track legislation and regulatory actions that affects air quality in the Washington region. Staff will provide information and a forum for coordinating public policies that affect air quality among the state air and energy agencies and local governments in the region.

**Deliverables:**

	<b>Deadline:</b>
a) Finalize 2008 ozone standard redesignation request and maintenance plan for public comment	July 2017
b) Identify priority strategies to reduce ozone precursors and identify potential co-benefits from the Multi-Sector Greenhouse Gas emission reduction measures	September 2017
c) Track implementation of state and local control measures	Ongoing
d) Reports on State Legislative Activity	As needed

**3. Local Measures (\$41,549 - \$89,549 with Diesel Idle Reduction Campaign)**

MWAQC staff will promote local government actions to reduce ozone precursors by highlighting and prioritizing local measures in the Regional Action Plan and Gold Book. Staff will identify 5 – 10 priority measures and provide technical expertise, in cooperation with the states, to assist local governments in the development of strategies and programs to reduce emissions of ozone precursors and co-benefits for PM<sub>2.5</sub> and greenhouse gases and to provide a methodology for calculating and reporting evidence of actions taken. Priority measures can include programs such as diesel idle reduction, electric vehicle purchasing and infrastructure, or energy efficiency initiatives. To track progress, staff will help with the measurement and evaluation of local measure implementation conducted as part of the Climate, Energy, and Air survey. The Regional Action Plan will be updated with the survey results.

If funding becomes available, MWAQC staff will manage the Diesel Idle Reduction Campaign and Driver Recognition Program for the metropolitan Washington region. The campaign,



originally developed in 2010, engages truck and motorcoach drivers to raise awareness of idle reduction and encourages compliance with idling laws. The tasks involved in the project include coordinating outreach with motorcoach and truck drivers including street team events during April through September, updating and purchasing campaign materials, and maintaining the program's website ([www.turnyourengineoff.org](http://www.turnyourengineoff.org)). The level of outreach will be determined based on additional funds secured for the campaign. (Estimated costs for the outreach campaign are \$48,000.)

Also as part of this initiative, staff participates with groups such as the regional Tree Canopy Workgroup that focuses on regional tree canopy management, the Electric Vehicle Workgroup, Maryland Diesel Roundtable, and similar efforts that will help reduce emissions.

**Deliverables:**

- a) Identify Priority Measures for Implementation
- b) Climate, Energy and Air Survey
- c) Update Local Measures and Regional Action Plan
- d) Regional Workgroups
- e) Diesel Idle Reduction Campaign

**Deadline:**

- September 2017
- May 2018
- June 2018
- As Scheduled
- To be set when funded

**4. Transportation Conformity/Mobile Emissions Analysis (\$174,539)**

During FY 2018, the TPB will be perform an “off-cycle” conformity analysis and the Air Quality Conformity Determination of the 2018 CLRP.

MWAQC staff will review and comment on the inputs, outputs, and MRS files for the conformity analysis for the 8-hour ozone standards. With respect to non-travel related MOVES model inputs, MWAQC staff will coordinate with states to acquire Inspection & Maintenance programs parameters and fuel supply and formulation characteristics. MWAQC staff, in coordination with the states, will review such data for accuracy and for MOVES-ready format compliance. In addition, MWAQC staff will obtain, review and process meteorology data and upon organizing them into a MOVES-ready format will transmit such data to DTP for direct incorporation into the air quality conformity MOVES model runs. Upon execution of the MOVES model runs, TPB staff will forward the input, output and MRS files of the milestone years of the conformity analyses to MWAQC staff for review and approval.

The Conformity Subcommittee may choose to review regional transportation conformity work and participate in the TPB interagency consultation process. Upon request by the TPB and the TPB Technical Committee, staff may provide briefings on EPA rulings, air quality standards, and guidance as they apply to conformity in the Washington region.

In addition to the above work activities, MWAQC staff will also work closely with state air and transportation agencies and COG TPB staff to continue to develop inputs for the MOVES2014a model.

**Deliverables:**

- a) Comment on Transportation Conformity Analysis
- b) Provide Briefings and Written Reports to

**Deadline:**

- As needed
- As needed

TPB and TPB Technical Committee  
c) MOVES2014a Revisions and Implementation

As needed

## 5. Public Participation (\$70,863)

### Task 1: ACPAC

Staff will support the Air and Climate Public Advisory Committee (ACPAC), an advisory committee to MWAQC and to the Climate, Energy and Environment Policy Committee (CEEPC), by attending meetings, providing program support, and briefing the committee on EPA regulations, air quality progress, air quality planning issues, local member initiatives, and proposed actions of MWAQC. ACPAC will meet approximately eleven times in 2016-2017. The ACPAC Chair will participate in MWAQC and MWAQC TAC meetings as needed, and will work with staff to report on the Committee's deliberations and recommendations as a regular part of MWAQC meetings.

### Task 2: Air Quality Reporting and Outreach

MWAQC leadership, COG/MWAQC Air Quality staff and COG Public Affairs staff will meet with the media, particularly environmental reporters and editorial boards, to inform them about air quality issues and progress. Staff will make periodic reports about the air quality challenge associated with the current and future NAAQS, current emissions and related air quality trends to the COG Board of Directors, Chief Administrative Officers' Committee and to member local governments as requested. The goal of the outreach program is to inform decision-makers about air quality issues and challenges. This task also covers COG staff time to respond to media inquiries or support the MWAQC leadership in responding to media inquiries.

Public outreach will be conducted to promote the region's air quality improvements, challenges of meeting the air quality standards, and to promote local member initiatives. Materials will be developed including an air quality trends report, infographics, newsletter articles, or guest blogs.

#### **Deliverables:**

- a) Air Quality Trends Report
- b) ACPAC Meetings
- c) Member Recruitment
- d) Response to Media Inquiries
- e) Prepare Press Releases, Articles, Blogs

#### **Deadline:**

September 2017  
11 meetings as scheduled  
November - December  
Ongoing  
Quarterly

## 6. MWAQC Support (\$91,374)

MWAQC Support includes staff support for MWAQC meetings, MWAQC Executive Committee and the TAC meetings. MWAQC will hold four to five regular business meetings to discuss regulations, guidance and legislation about air quality issues affecting the Washington region and whether or not to comment or act on proposed plans.

The TAC will meet monthly, with frequent subcommittee meetings. The Executive Committee will meet seven to eight times during the year.

#### **Deliverables:**

- a) MWAQC Meetings (4-5)

#### **Deadline:**

As scheduled

- |                                     |                             |
|-------------------------------------|-----------------------------|
| b) MWAQC Executive Ctte Calls (7-8) | As scheduled                |
| c) Technical Advisory Ctte Meetings | Monthly (no August meeting) |

**7. Project Management (\$49,541)**

Staff will prepare a draft work program and budget for the fiscal year 2019. Staff will work with the MWAQC Budget Subcommittee and MWAQC to get an approved budget in the spring before the fiscal year begins. Staff will provide quarterly financial and status reports to track the progress of implementing the approved work program and budget. Staff will hold monthly calls with the state air agencies to coordinate use of resources and progress on the SIP.

Staff uses information technology extensively in performing analyses, completing written summaries, downloading information and data from EPA, and the Internet for a variety of research needs. Contribution to computer support for project staff and management systems is accounted for in this task. Efforts to provide materials on the Internet may also fall under this task.

**Deliverables:**

- a) State Air Agency Coordination Calls
- b) Quarterly Expense and Progress Reports
- c) MWAQC Budget Committee
- d) Draft MWAQC FY2019 Work Program and Budget
- e) Adopt MWAQC FY2019 Work Program and Budget

**Deadline:**

- Monthly
- Quarterly
- Meetings, calls as needed
- February 2018
- May 2018

#### IV. Funding Sources and Projected Budget

The MWAQC Work Program for FY 2018 is a 12-month work program and budget for the period from July 1, 2017 to June 30, 2018.

The MWAQC bylaws adopted in October 2004 include a funding formula that allocates contributions to the MWAQC budget by thirds, 1/3 from state air agencies, 1/3 from state transportation agencies, and 1/3 from local governments (Table 1). The budget for the core work program is a total of \$523,617. The state air agencies, the state and local departments of transportation and the Transportation Planning Board, and the Council of Governments will each contribute \$174,539. The funding by task is shown in Table 2. The MWAQC bylaws also state that “nothing shall preclude additional sub-regional efforts to be added to the work program at the request and expense of individual state agencies and local governments.”

Note that the funding from the TPB to support air quality planning and conformity is contingent upon TPB’s approval of the Unified Planning Work Program (UPWP) for FY 2018 which is scheduled for March 2017.

**Table 1**  
FY 2018 MWAQC Funding Contributions by Source

Source	Approved FY 2017	Requested FY 2018	Change
COG member jurisdictions	\$174,539	\$174,539	
State DOT/TPB*	\$174,539	\$174,539	
State Air Agencies			
DOEE	\$21,484	\$21,847	+\$363
MDE	\$77,223	\$76,623	-\$600
VDEQ	\$75,832	\$76,069	+\$237
States. Subtotal	\$174,539	\$174,539	
<b>TOTAL</b>	<b>\$523,617</b>	<b>\$523,617</b>	<b>0</b>

\*TPB funding is contingent on approval of the Unified Planning Work Program for FY 2018. The amount of funding will be confirmed in September 2017.

Table 1 will be updated upon approval of additional funding for the Diesel Idle Reduction Campaign.

**Table 2**  
**FY 2018 Air Quality Core Work Program Tasks**  
**(Breakdown of Costs by Type)**

<b>Work Program Tasks</b>	<b>COG staff (\$)</b>	<b>Consultants(\$)</b>	<b>Direct (\$)</b>	<b>Total Cost (\$)</b>
<b>1. Emissions Inventory Development</b>	\$49,479		\$1,000	\$50,479
<b>2.SIP/Multi-pollutant Strategy Development</b>	\$44,672		\$600	\$45,272
<b>3. Local Measures</b>	\$40,249		\$1,300	\$41,549
<b>4. Transportation Conformity/Mobile Emissions Analysis</b>	\$174,539		\$0	\$174,539
<b>5. Public Participation</b>	\$64,263		\$6,600	\$70,863
<b>6. MWAQC Support</b>	\$82,874		\$8,500	\$91,374
<b>7. Project Management</b>	\$48,541		\$1,000	49,541
<b>TOTAL</b>	\$504,617	\$0	\$19,000	\$523,617

Table 2 will be updated upon approval of additional funding for the Diesel Idle Reduction Campaign.