

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

DRAFT
Air Quality Planning
Work Program and Budget

July 1, 2014 through June 30, 2015
Adopted xx, 2014

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, 2014 and June 30, 2015. 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 for ground-level ozone and fine particles 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 while simultaneously helping meet transportation needs in the Washington region consistent with air quality goals.

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 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 submitted to the States for incorporation in the State Implementation Plan for submittal to EPA.

Air Quality Classifications of the Washington Metropolitan Region

Ozone Standard¹:

EPA designated the metropolitan Washington region as moderate nonattainment for the 8-hour ozone standard in January 2004. The state implementation plan ("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 8-hour ozone standard.² 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 Park in Virginia, City of Manassas in Virginia; and the District of Columbia.

¹ 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.

² Federal Register, Vol.77, no. 39, February 28, 2012, 11739.

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.³

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 in attainment for the new standard based on monitor data.⁴ 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.⁵ 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 is currently reviewing the standard and is expected to announce whether or not it will be revised in 2014.

In May 2012 EPA designated the Washington, DC-MD-VA Metropolitan Area as "Marginal" nonattainment for the 2008 ozone standard, along with most of the northeastern states. The Baltimore Metropolitan area was one exception; EPA designated Baltimore "Moderate" nonattainment and the area has until 2018 to attain the standard. The Washington region and all Marginal nonattainment areas have a deadline of 2015 to attain the 75 ppb standard.

PM_{2.5} Standard ("Fine Particles"):

EPA designated the metropolitan Washington region as nonattainment for the 1997 fine particulate standard, PM_{2.5}, in January 2005. The state implementation plan adopting all requirements for the fine particulate standard was submitted in 2008.⁶ The geographic scope of the Washington region PM fine nonattainment area is the same as for the 8-hour ozone standard, 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 annual PM_{2.5} standard.⁷ The region is in compliance with the 2008 daily fine particle standard, so will not be required to do attainment planning for the daily standard.

On December 14, 2012, EPA announced a revised annual fine particulate standard, PM_{2.5}, set at 12 ug/m³. No change was proposed for the daily NAAQS (35 ug/m³). The Metropolitan Washington region's level of fine particles for 2011 and data for 2012 are below the new standard, so the region currently meets the new 2012 standard as well as the 1997 standard.

In spring 2013 MWAQC and the States requested EPA to redesignate the Washington region to attainment of the 1997 PM_{2.5} standard. EPA has eighteen months to act on the redesignation. Until EPA redesignates the region, the test for PM_{2.5} conformity assessment is the "build no greater than 2002" interim emissions.

³ Federal Register: September 4, 2009 (Volume 74, Number 171)]
[Page 45853]

⁴ Federal Register, Vol.73, no. 60, March 27, 2008, 16436-16513

⁵ Federal Register, Vol. 75, No.11, January 19, 2010, 2938-3053.

⁶ Federal Register, Vol. 70, No. 3, January 5, 2005, 948-1018.

⁷ Federal Register, Vol. 74, No. 7, January 12, 2009, 1146-1148.

Carbon Monoxide Standard:

The Washington region met the carbon monoxide standard in 1995. In 2004 a maintenance plan submitted to EPA demonstrated the standard will be maintained until 2016.

SO₂ Standard:

EPA revised the primary SO₂ standard, published in Federal Register, June 22, 2010, by establishing a new 1-hour standard at a level of 75 parts per billion (ppb). States have until August 2017 to attain the standard. EPA initially asked States with "Unclassifiable" counties to submit a "Maintenance" SIP by June 2013. EPA also published a draft implementation guidance for this purpose. However, based on the feedback received on the above guidance from states, EPA is currently in the process of revising the guidance. EPA is not expecting the June 2013 SIP submittal from states. The revised guidance would include changes to the monitoring and modeling requirements from the draft guidance for attainment designations and SIP. The States have primary responsibility for developing the Maintenance SIPs.

NO₂ Standard:

EPA's final NO₂ 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 NO₂ 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 NO₂ roadside monitors that were required. The monitoring network was expected to be operational in 2013, but EPA proposed in October 2012 to postpone the monitoring requirement until 2014. Designations will be revised once three years of data from the roadside monitors is available.

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 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.

Current officers of MWAQC are the Honorable David Snyder, Chair (Council, City of Falls Church; Honorable John Cook, Vice Chair (Council, Fairfax County); Honorable Mary Cheh, Vice Chair (Council of the District of Columbia); Honorable Hans Reimer, Vice Chair (Council, Montgomery County Council). Elections of officers were held on December 18, 2013, the last business meeting of the calendar year.

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, 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. In the 2014 Technical Advisory Committee is chaired by Tad Aburn, Maryland Department of the Environment.

II. FY 2015 MWAQC Work Program Objectives

MWAQC and the States will continue to lay the groundwork for the ozone SIP due in 2015, developing a multi-pollutant strategy for the Washington, DC-MD-VA region. Control measures will be evaluated on their ability to reduce ozone, NO_x, VOC, SO₂, fine particles and greenhouse gases. The core work program will also provide technical support for local government air quality initiatives. Coordinating air quality planning with state and local Clean Energy programs will continue to be a focus.

In FY 2015 MWAQC Core Program tasks:

- Complete Reasonable Further Progress (RFP) to attain 2008 Ozone NAAQS.
 - Finalize ozone inventories for 2017.
- Develop 2018 attainment emissions inventories.
- Update PM_{2.5} Maintenance Plan Mobile Vehicle Emissions Budgets (MVEB) for 2017, 2025 using latest MOVES model and most recent vehicle registration data.
- Track attainment modeling for ozone for 2018/2020.
- Support multi-pollutant, multi-sector control strategy for ozone SIP.
- MOVES2014 model training, input development.
- Develop MOVES2014 mobile inventories for ozone RFP, SIP.
- Review and comment on transportation conformity assessments for ozone, fine particles and carbon monoxide.

- Track local government Supplemental Measures (formerly Voluntary Bundle) in the Annual PM_{2.5} and Ozone SIPs (2007).
- Develop tracking metrics for regional greenhouse gas emissions (GHG) inventory.
- Coordinate air quality planning with state and local Clean Energy Programs.

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 and fine particles, 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 and proposed revisions of National Ambient Air Quality Standards (NAAQS) for ozone, and to take actions such as commenting on guidance, policies and potentially approving SIP revisions as needed for the region and to review designation criteria and regional data for NAAQS.

Forecast for Air Quality Planning, 2014-2015

There is considerable uncertainty next year regarding EPA proposed regulations and the timing of the proposals and actions such as SIP approvals. A partial list of the issues affecting the Washington region includes: revision of the federal ozone standard, EPA's proposed greenhouse gas regulations for existing power plants (expected in early 2014), release of a revised mobile vehicle emissions model, MOVES2014, and proposed revisions to interstate transport regulations (CSAPR). EPA Region 3 has not yet acted on the Metropolitan Washington Region's 1997 Ozone State Implementation Plan (SIP) or the PM_{2.5} Redesignation Request and Maintenance Plan.⁸

If the region's air quality data (2013-2015) does not meet the 2008 ozone standard of 75 ppb by December 31, 2015, EPA will notify the states and MWAQC that they did not meet the 2008 ozone standard by June 20, 2016. EPA may bump up the region to the "moderate nonattainment" classification, requiring the region to meet the standard by 2018. For this reason, the states propose that MWAQC begin to develop 2018 inventories in 2014-2015.

Alternatively, EPA could propose a new, more stringent ozone standard in 2014, designate the Washington region in nonattainment, and establish a new deadline for meeting the standard. EPA could also expand the currently defined ozone nonattainment area to include additional counties.

⁸ EPA has 18 months to approve the PM_{2.5} Redesignation Request and Maintenance Plan, which was submitted in June 2013. The estimated date for approval is December 2014.

This document is intended to guide the activities of MWAQC through the twelve month period from July 1, 2014 to June 30, 2015. 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-Pollutant 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 items 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 the integrity of the policy making process is maintained and EPA deadlines as interpreted by MWAQC are achieved.

III. FY 2015 Work Program Task Descriptions

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

1. Emissions Inventory Development (\$48,607)

MWAQC and the States will finalize the preliminary ozone Reasonable Further Progress (RFP) plan for the 2008 ozone standard. MWAQC states agreed to develop a preliminary RFP plan in 2012 as part of a compromise on approving mobile budgets for the PM2.5 Maintenance Plan, submitted in spring 2013. For the RFP, staff will finalize a future year 2017 inventory. In preparation for a likely “bump-up” to moderate nonattainment classification in mid-2016, staff and the states will begin development of a 2018 attainment year inventory. Staff will participate in OTC/MARAMA inventory development to keep track of various VOC and NOx control measures being adopted by states to reduce ozone.

If EPA proposes a revised ozone standard during this period, staff will work with the states to develop appropriate inventories for future years.

Attainment modeling for ozone SIPs will be conducted by Regional Planning Organizations such as the Ozone Transport Commission (OTC). Staff will participate in and track larger scale

attainment modeling efforts supported by Ozone Transport Commissions (OTC). 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 input as needed to evaluate and understand the results of this and other available modeling exercises. COG staff will present significant policy issues involving the use of models for the Baltimore-Washington domain to TAC and MWAQC.

Staff will develop methods to track progress of the regional greenhouse gas emissions inventory.

Deliverables:	Deadline:
a) Finalize Preliminary Reasonable Further Progress Plan (RFP) for the 2008 Ozone NAAQS	December 2014
b) Develop Future Year Projection Inventories for RFP	June 2015
c) Emissions Inventory Subcommittee Calls	As needed
d) Meetings of UMD/MDE Modeling (RAAMP)	Quarterly

2. SIP/Multi-Pollutant Strategy Development (\$46,236)

The main focus areas will be ozone planning and a multi-pollutant approach to control measures. MWAQC will plan to meet Clean Air Act and EPA requirements for attaining the 2008 ozone standard. The Metropolitan Washington region is classified as “marginal” nonattainment for the 75 ppb standard and has a deadline of 2015 to meet the standard.

MWAQC and the states will work on laying the groundwork for a Reasonable Further Progress (RFP) or attainment plan for the 2008 ozone standard which may be needed if the region fails to attain by 2015 as shown by monitoring data beginning in the summer of 2013. Staff will coordinate with the States to develop a multi-sector, multi-pollutant strategy for the ozone SIP. Measures will be evaluated in terms of their potential to reduce ozone precursors, fine particles and reduce greenhouse gas emissions. Staff will coordinate with OTC/MARAMA ozone inventory development and photochemical modeling.

Data show MWAQC and the states have achieved compliance with the 1997 PM_{2.5} standards. EPA is expected to act on the region’s PM_{2.5} Redesignation Request and Maintenance Plan by September 2014.⁹ In December 2012 the EPA Administrator lowered the PM_{2.5} annual standard to 12 ug/m³. EPA designated nonattainment areas for the new standard in December 2014. The Governors recommended the Metropolitan Washington Region be designated as attainment for the new standard because the region’s 2011 design value is 10.8 ug/m³, below the new standard, and fine particle levels in the region are expected to continue to decline.

⁹ The estimated EPA approval date for the Metropolitan Washington Region’s PM_{2.5} Redesignation Request and Maintenance Plan is based on a schedule of submitting the documents to EPA by Spring 2013. EPA may take 18 months to approve the Request and Maintenance Plan.

Staff will quantify benefits from Energy Efficiency and Renewable Energy programs and projects (EERE) for 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_x, SO₂, and CO₂.

Staff will follow changes in monitoring networks for the new NAAQS, NO₂, SO₂ and CO. 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 state legislation that affects air quality and climate change in the Washington region. Staff will provide information and a forum for coordinating public policies that affect air quality and climate change among the state air and energy agencies and local governments in the region.

Deliverables:	Deadline:
a) Develop Multi-Sector, Multi-Pollutant Strategy for the 2008 Ozone Standard	May 2015
b) Reports on State Legislative Activity	As needed

3. Local Measures (\$28,000)

MWAQC staff will promote local government actions to reduce ozone precursors by highlighting and prioritizing state and local measures in the revised Gold Book. Staff will 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, fine particles, NO₂ and greenhouse gases, and to provide a methodology for calculating and reporting evidence of actions taken. Staff will help with the measurement and evaluation of local measures to be included as voluntary and/or supplemental measures in a State Implementation Plan if required for a new ozone standard.

Also as part of this initiative, staff participates with the regional Tree Canopy Workgroup that focuses on regional tree canopy management. MWAQC staff will continue to manage Diesel Emissions Reduction Act (DERA) projects and seek funding for new projects.

The Obama sustainability executive order requires military bases to coordinate plans with communities. Each base is supposed to develop 25 year energy/sustainability plans. Staff will work with military bases in the region to assess potential for deployment of clean energy to power both base as well as surrounding community. Staff will continue to collaborate with military bases on this effort.

Deliverables:	Deadline:
a) Regional Tree Canopy Workgroup	Monthly
b) Annual Progress Report Survey	March 2015
c) Update Local Voluntary Bundle for SIPs	Spring 2015
d) Update Local Measures in RACM	Spring 2015

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

MWAQC will review and comment on the conformity analysis for the 8-hour ozone, PM2.5 and carbon monoxide standards. The Transportation Planning Board (TPB) will review a conformity assessment for the proposed FY 2015-2020 Transportation Improvement Plan and 2015 Constrained Long Range Plan in September 2014.

For the conformity process MWAQC staff will coordinate with states to acquire Inspection & Maintenance programs and fuel characteristics data, develop meteorology data, and provide these data to TPB staff for developing MOVES model based onroad mobile emissions inventories. Staff will review MOVES inputs and output files and inventories developed by TPB staff for all required analysis years. The Conformity Subcommittee will review proposed transportation projects, amendments to the Transportation Improvement Plan, and review and participate in the air quality conformity analysis. Staff will provide regular briefings for the Transportation Planning Board (TPB) and the TPB Technical Committee about EPA regulations, new 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 Transportation Planning Board (TPB) staff to develop inputs for the new version of the MOVES model (MOVES2014) expected to be released in 2014. Depending on the need, new inputs may be required to be developed for the new model and this may require a need for establishing a Task Force. MWAQC staff will coordinate with the above agencies and COG TPB staff to facilitate the establishment of such a Task Force, which will oversee the effort of developing new inputs for the new model.

Deliverables:

	Deadline:
a) Comment on Conformity Scope	January 2015
b) Comment on Transportation Conformity Analysis	June 2015
c) Provide Briefings and Written Reports to TPB and TPB Technical Committee	As needed
d) MOVES2014 Training	As offered

5. Public Participation (\$59,586)

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 administrative support, and briefing the committee on EPA regulations, air quality progress, air quality planning issues, and proposed actions of MWAQC. ACPAC will meet approximately eight times in 2014-2015.

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, climate change, and progress. Staff will make periodic reports about the air quality challenge associated with the current ozone standard and current emissions and air

quality trends to the COG Board of Directors, Chief Administrative Officers' Committee, Transportation Planning Board (TPB) 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.

Deliverables:

- a) ACPAC Meetings
- b) Member Recruitment, Orientation
- c) Meetings with Print Media
- d) Response to Media Inquiries
- e) Briefing to TPB on Mobile Emission Trends and Challenges

Deadline:

- 8 meetings as scheduled
- December-February
- As needed
- Ongoing
- At time of transportation conformity

6. MWAQC Support (\$113,611)

MWAQC Support includes staff support for MWAQC meetings, MWAQC Executive Committee and the Technical Advisory Committee meetings. MWAQC will hold four to five regular business meetings to discuss regulations, guidance and legislation about air quality and climate change issues affecting the Washington region and to comment or act on proposed plans.

The Technical Advisory Committee will meet monthly, with frequent subcommittee meetings. The Executive Committee will continue to meet monthly, more frequently if needed.

Deliverables:

- a) MWAQC Meetings (4-5)
- b) MWAQC Executive Ctte Calls
- c) Technical Advisory Ctte Meetings

Deadline:

- As scheduled
- Monthly (no August meeting)
- Monthly (no August meeting)

7. Project Management (\$53,034)

Staff will prepare a draft work program and budget for the fiscal year 2016, and 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 computers extensively in performing analyses, completing written summaries, transmitting information via facsimile modem, downloading information from EPA's Technology Transfer Network, 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 meeting materials on the Internet may also fall under this task.

Deliverables:

- a) State Air Agency Coordination Calls
- b) Quarterly Expense and Progress Reports

Deadline:

- Monthly
- Quarterly

- | | |
|---|---------------------------|
| c) MWAQC Budget Committee | Meetings, calls as needed |
| d) Draft MWAQC FY2016 Work Program and Budget | December 2014 |
| e) Adopt MWAQC FY2016 Work Program and Budget | February 2015 |

IV. Funding Sources and Projected Budget

The MWAQC Work Program for FY 2015 is a 12-month work program and budget for the period from July 1, 2014 to June 30, 2015.

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 \$523,616. 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 Transportation Planning Board (TPB) to support air quality planning and conformity is contingent upon TPB’s approval of the Unified Planning Work Program (UPWP) for FY 2015 which is scheduled for March 19, 2014.

Table 1
FY 2015 MWAQC Funding Contributions by Source

Source	Approved FY 2014	Requested FY 2015	Change
COG member jurisdictions	\$174,539	\$174,539	
State DOT/TPB	\$174,539	\$174,539	
State Air Agencies			
DDOE	\$20,945	\$20,945	
MDE	\$78,542	\$78,542	
VDEQ	\$75,051	\$75,051	
States. Subtotal	\$174,539	\$174,539	
TOTAL	\$523,616	\$523,616	0
Special Project: *	\$ 10,000		
Total w/ Special Project	\$533,616		

*MDE funds 100% of the Special Project and DDOE contributes in-kind services to support the Special Project described in Appendix A of FY 2014 Work Program and Budget.

Table 2
FY 2015 Air Quality Work Program Tasks
(Breakdown of Costs by Type)

Work Program Tasks	COG staff (\$)	Consultants(\$)	Direct (\$)	Total Cost (\$)
1. Emissions Inventory Development	46,607		2,000	\$48,607
2.SIP/Multi-pollutant Strategy Development	45,636		600	\$46,236
3. Local Measures	27,700		300	\$28,000
4. Transportation Conformity/Mobile Emissions Analysis	174,539		0	\$174,539
5. Public Participation	55,808		3,778	\$59,586
6. MWAQC Support	102,339		11,275	\$113,614
7. Project Management	52,534		500	53,034
TOTAL, Core	\$505,441	\$0	\$18,175	\$523,616