

AGENDA
AIR QUALITY ADVISORY COMMITTEE*
TUESDAY, March 28, 2017
10:00 a.m. – 12 noon
East-West Gateway Board Room

- I. Call to Order**
 - Carol Lawrence, Chair, East-West Gateway Council of Governments
 - A. Minutes of January 24, 2017 Meeting

- II. OneSTL Report to the Region**
 - Aaron Young, East-West Gateway Council of Governments

- III. National Climate Assessment Activities**
 - John Posey, East-West Gateway Council of Governments

- IV. American Fuel Group Report**
 - St. Louis Regional Clean Cities Program

- V. Missouri's Anti-Idling Efforts in St. Louis Area**
 - Linda Wegrzyn, Missouri Department of Natural Resources, St. Louis Regional Office

- VI. Update Activities of the States**
 - Illinois Environmental Protection Agency
 - Missouri Department of Natural Resources

- VII. Other Business – Next Meeting Date April 25, 2017**

- VIII. Adjournment**

*Please note that this meeting will serve as a part of the Inter-Agency Consultation Process as detailed in the Missouri Transportation Conformity SIP.

MINUTES
AIR QUALITY ADVISORY COMMITTEE
Tuesday, January 24, 2017
East-West Gateway Board Room

Members Present:

Carol Lawrence, Chair - East-West Gateway Council of Governments
Stacy Allen - Missouri Department of Natural Resources
Betsy Tracy – Federal Highway Administration, Illinois
Jeremy Rogus – St. Louis County Department of Public Health
Chris Schmidt – Illinois Department of Transportation
Mike Henderson – Missouri Department of Transportation
Brad McMahon – Federal Highway Administration, Missouri
David Bloomberg – Illinois Environmental Protection Agency (telephone)

Others Present:

Curtis Jones - Illinois Department of Transportation, Office of Planning and Programming
Kevin Jemison – Illinois Department of Transportation, District 8
Andy Knott – Sierra Club
Heather Hamilton – U.S. Environmental Protection Agency Region 7
Kevin Herdler – St. Louis Regional Clean Cities
Vontra Giles – Federal Highway Administration
Jeremiah Shuler – Federal Transit Administration Region 7
Anna Corniel – Federal Transit Administration, Headquarters
Kelley Belina – St. Louis University
Tekiah Banks – Madison County Transit
Morgan Hissom – Madison County Transit
Tracy Casburn – U.S. Environmental Protection Agency Region 7 (telephone)

Staff:

Mary Grace Lewandowski Lubna Shoaib Jason Lange Rodney Halbert

- I. Call to Order
 - Carol Lawrence, Chair, East-West Gateway Council of Governments

The meeting of the Air Quality Advisory Committee (AQAC) was called to order by Chair Carol Lawrence, East-West Gateway Council of Governments (EWG). The minutes of the October 25, 2016 AQAC meeting were approved as circulated.

- II. St. Louis Ozone Gardens Project
 - Kelley Belina, St. Louis University

The Center for Environmental Sciences at St. Louis University (SLU) in partnership with the St. Louis Science Center started the St. Louis Ozone Gardens project in 2012. The goal of the project is to increase awareness of ground-level ozone pollution and its impact on the environment. In 2016 there were five ozone gardens in the St. Louis area.

Ground-level ozone is often difficult to understand because it is an invisible pollutant and not from a point source. Ozone is a strong oxidizing agent and can weaken the leaves of a plant. Ground-level background ozone concentrations have increased significantly since the industrial revolution. Plants are impacted at 40 parts per billion (ppb). Ozone gardens contain different types of bio-indicator plants, both ozone sensitive and ozone tolerant. Plants such as snap beans and milkweed can be part of the garden. They also have an ozone monitor and weather station as well as educational display signs. During the summer months, ozone leaf damage data is collected by students and/or volunteers.

Ozone gardens can be found at the Missouri Botanical Garden (MBG), the St. Louis Science Center and Grant's Farm. The Science Center garden has been moved from outside the Planetarium to the Center's Grow exhibit. There is an ozone garden on the campus of Southwestern Illinois College in Belleville. In 2015 as part of the Visual Approach to Educating the Community on Air Quality project in Granite City, funds from an Environmental Justice grant from the U.S. Environmental Protection Agency (EPA) were used to build an ozone garden at the Granite City Fire Station on Rock Road.

Last year SLU and MBG received an Environmental Education grant from EPA Region 7. Grant funds were used to build a tabletop sized ozone chamber, a mobile ozone garden, which can be used as an educational tool year round. The prototype is currently located in the MBG's Plant Lab classroom near to the Climatron. Another activity was a Climate Science and Stewardship teacher workshop held last July. Approximately 75 educators attended the three day workshop held at MBG with speakers on climate and atmospheric science and hands-on activities for the participants. Grant funds are also being used to cover nine field trips to the Botanical Garden during the 2016-2017. SLU and MBG are administering sub-grants in Region 7 and providing technical assistance for institutions who wish to construct their own ozone gardens. In 2017 will begin a common milkweed comparison trial in conjunction with Penn State University.

- III. Transportation Management Area Certification Review
- Jeremiah Shuler, Federal Transit Administration Region 7
 - Betsy Tracy, Federal Highway Administration, Illinois

Every four years the Federal Transit Administration (FTA) and the Federal Highway Administration (FHWA) jointly review the metropolitan transportation planning process of areas with over 200,000 population to make sure that metropolitan planning organization (MPO) is in compliance with U.S. Department of Transportation (DOT) guidelines and the current transportation law. The on-site portion of the EWG review is underway now. The co-leads of the review are: Mr. Shuler, FTA Region 7; Ms. Tracy, FHWA Illinois; and Mr. McMahon, FHWA Missouri. The review team will be meeting with the staff, attending meetings and doing outreach with the community. It is an opportunity for conversation. About 60 days after the conclusion of the review, a report will be issued summarizing the discussion and certification issued. DOT Certification can be given for all actions (certified), or certified subject to corrective actions (suggested changes, not required) or certified for use of only certain construction funding categories (until required changes to process are made). Using the transportation planning process, transportation decisions are made and projects planned, selected and prioritized for implementation within the EWG region in the near term and

in the future. It is used to determine how federal transportation funding is to be spent in the region and get the greatest impact. The process is to be continuing, cooperative and comprehensive and multi-modal and have public input. In addition to EWG, state transportation agencies, public transit operators, local jurisdictions, citizens, interest groups, FTA and FHWA are involved in the metropolitan planning process. Products include: the Unified Work Program; Long Range Transportation Plan; Transportation Improvement Program; Congestion Management Process; Public Participation Plan; and Title VI Policy. The review is an opportunity for conversation whether in person or by mail or email.

Ms. Tracy, FHWA IL, observed that four years ago there was a Baseline Assessment Review (BAR) of the Conformity Determination process at EWG. That effort, involving the states, EWG, EPA and FHWA, resulted in a number of better work products starting with the User's Guide to Conformity Determination, EWG policy for potential mid-year Conformity Determination and process schedule. These were a good outcome.

IV. American Fuel Group Report
- Kevin Herdler, St. Louis Regional Clean Cities Program

Last week St. Louis Regional Clean Cities had an American Fuel display at the St. Louis Auto Show with electric vehicles including a Tesla, compressed natural gas truck from Laclede Gas and a biodiesel lab exhibit from the Rockwood School District. The National Truck Equipment Association is meeting March 14-17 in Indianapolis. The focus of this group is on fleets. St. Louis Clean Cities in partnership with the American Lung Association of Minnesota (Clean Cities representative) applied for an E-Volve grant to promote electric vehicles at 28 events (large scale, educational, work place settings) over a two year period. Mr. Herdler, Clean Cities, has begun to collect information on the annual fuel displacement from the use of alternative fuel for his annual report.

On February 6 there is going to be a four state (Missouri, Oklahoma, Arkansas, Kansas) stakeholders meeting to discuss the EPA/VW settlement. Mr. Henderson, Missouri Department of Transportation (MoDOT), asked if it had been determined which Missouri state agency would be the lead. Mr. Herdler, Clean Cities, replied that it could be MoDOT or Division of Energy (?) in the Department of Economic Development. Ms. Allen, Missouri Department of Natural Resources (MoDNR) said that it is still under discussion. Ms. Tracy, FHWA IL, said that the Illinois Environmental Protection Agency (Illinois EPA) will be the lead agency in Illinois.

V. Update Activities of the States
- David Bloomberg, Illinois Environmental Protection Agency
- Stacy Allen, Missouri Department of Natural Resources

The redesignation requests for the two lead non-attainment areas in the Chicago area and Granite City has been submitted to EPA Region 5 to bring these areas into attainment. Illinois had already submitted an Attainment Demonstration to EPA. Illinois EPA will soon submit the Metro-East Redesignation to Attainment Request and Maintenance Plan for the 2008 eight-hour ozone standard for the Illinois portion of the St. Louis ozone non-attainment area. For the sulfur dioxide (SO₂) standard, Illinois EPA has completed the evaluation of additional areas based on

the federal Data Requirements Rule. Boundary recommendations were submitted to EPA Region 5 earlier this month.

Last week Governor Greitens has selected Carol Comer to be the new director of MoDNR. She formerly was the head of the Indiana Department of Environmental Management. Earlier, the Governor issued Executive Order 17-03 which suspended state agencies from rule-making until February 28. This will impact the Missouri Air Conservation Commission (MACC). The MACC is scheduled to meet January 31, in Jefferson City, and hold public hearings on three proposed rules which are out for comment. They include: amendment to New Source Performance Regulations rule; amendment to Maximum Achievable Control Technology Regulations rule; and amendment to Emission Standards for Hazardous Air Pollutants. These are rules which are updated annually to ensure they correspond with federal rules. The next MACC meeting will be on March 30. It is anticipated that the MACC will be able to adopt these rules. The April meeting will be at the MoDNR Regional Office in Kansas City.

The MACC-adopted State rule 6.220 covering opacity and rule 6.210 covering confidentiality went into effect on December 31. The development of the following rules has been temporarily put on hold: 6.161, for commercial/industrial solid waste incinerators, in order to align state rule with updated federal rule; 6.060, for construction permits, in order to align state rule with updated federal rule; and 5.330, industrial surface coatings for St. Louis area, specific to coating of foam parts. These rules will probably move forward later in the spring. MoDNR has begun the process to rescind Rule 6.100, alternate emissions limits, since it was identified as obsolete because it does not match up with federal/state rules.

A portion of Jefferson County had been designated as non-attainment for the SO₂ standard. Based on 2013-2015 monitoring data, Jefferson County has attained this standard. MoDNR is preparing a redesignation request. MoDNR submitted SO₂ boundary recommendations based on the federal Data Requirement Rule (Phase 3) to EPA Region 7 in December. EPA will finalize the non-attainment designations later this year.

In September 2016, MoDNR sent EPA Region 7 a redesignation request and Maintenance Plan for Missouri portion of the St. Louis area for the 2008 standard. Documents are being reviewed by EPA. Also in September, MoDNR also submitted boundary designation recommendations for the 2015 ozone standard to EPA Region 7. Starting in 2017 and continuing, the ozone monitoring season will begin March 1 and run through October 31.

On September 7, EPA finalized the Cross State Air Pollution Rule which applies to those areas contributing to downwind ozone pollution issues in other states. Beginning with the 2017 ozone season, a cap and trade program for regulated entities will begin. Large nitrogen oxide sources in Missouri are required to reduce emissions from May – December 2017. As this is a federal program, Missouri will not have to have its own program.

Earlier this year a U.S. District Court placed a stay on the implementation of the federal Clean Power Plan and the case was sent back to the U.S District Court of Appeals. A hearing was held on September 27. Unsure when a decision will be released. Missouri has prepared comments on the draft proposed federal Clean Energy Incentive Program (CEIP) but still to decide whether to submit them. Comment period is open for a few more weeks.

EPA has released fine particulate matter (PM_{2.5}) precursor demonstration guidance and information on how to deal with the permit process for SO₂ sources.

The MoDNR Clean Diesel email list serve is a good way to stay informed on the EPA/VW settlement and Missouri activities.

In 2016 MoDNR requested applications for an early school bus replacement grant program which used EPA pass-through DERA funds. Six school districts across the state, including Sullivan in Franklin County, were selected and ten school buses will be replaced. Sullivan also received funds from the national DERA Program and two more buses will be replaced.

VI. Other Business

Ms. Hamilton, EPA Region 7, said that at this time federal rule-making and grant allocations had been frozen by the new Administration.

The next AQAC meeting date was set for March 28, 2017. There being no other business the meeting of the Air Quality Advisory Committee was adjourned.