



AGENDA
AIR QUALITY ADVISORY COMMITTEE*
TUESDAY, June 26, 2018
10:00 a.m. – 12 noon
East-West Gateway Board Room

Chair

Steve Stenger
County Executive
St. Louis County

Vice Chair

Mark A. Kern
Chairman, St. Clair County Board

2nd Vice Chair

Robert Elmore
Chairman, Board of Commissioners
Monroe County

Executive Committee

Steve Ehlmann
County Executive
St. Charles County
John Griesheimer
Presiding Commissioner
Franklin County

Lyda Krewson
Mayor, City of St. Louis

Kurt Prenzler
Chairman, Madison County Board

Ken Waller
County Executive
Jefferson County

Members

Chuck Caverly
St. Louis County Municipal League

Emeka Jackson-Hicks
Mayor, City of East St. Louis

Carol Johnson
Franklin County

Reggie Jones
St. Louis County

Mark Kupsky
Vice President,
Southwestern Illinois
Council of Mayors

Roy Mosley
St. Clair County

Lewis Reed
President, Board of Aldermen
City of St. Louis

Herbert Simmons
President, Southwestern Illinois
Metropolitan & Regional
Planning Commission

Tom Smith
President, Southwestern Illinois
Council of Mayors

Michael Walters
Madison County

John White
St. Charles County

Regional Citizens

Barbara Geisman

C. William Grogan

Richard Kellett

John A. Laker

Non-voting Members

Erin Aleman
Illinois Department of
Transportation

Erika Kennett
Illinois Department of Commerce
and Economic Opportunity

Patrick McKenna
Missouri Department of
Transportation

John Nations
Bi-State Development

Executive Director

James M. Wild

- I. Call to Order**
 - Carol Lawrence, Chair, East-West Gateway Council of Governments
 - A. Minutes of May 29, 2018 Meeting
 - B. 2018 Ozone Season - So Far
- II. Final Designations for the 2015 Ozone Standard and Next Steps**
 - Lachala Kemp, U.S. Environmental Protection Agency Region 7
- III. Warm Mix Asphalt: An Opportunity for Environmental Protection**
 - Dawid Kierys, U.S. Environmental Protection Agency Region 5
- IV. St. Louis Regional Clean Air Partnership Activities**
 - Susannah Fuchs, American Lung Association in Missouri
- V. American Fuel Group Report**
 - St. Louis Regional Clean Cities Program
- VI. Update Activities of the States**
 - Missouri Department of Natural Resources
 - Illinois Environmental Protection Agency
- VII. Other Business – Next Meeting August 28, 2018**
- 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.

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MINUTES
AIR QUALITY ADVISORY COMMITTEE
Tuesday, May 29, 2018
East-West Gateway Board Room

Members Present:

Carol Lawrence, Chair - East-West Gateway Council of Government
Stacy Allen - Missouri Department of Natural Resources (Telephone)
Betsy Tracy- Federal Highway Administration Illinois
Brad McMahon – Federal Highway Administration Missouri
Mike Henderson – Missouri Department of Transportation
Jack Fishman – St. Louis University
Susannah Fuchs – American Lung Association
Kevin Jemison – Illinois Department of Transportation, District 8
Buzz Asselmeier – Illinois Environmental Protection Agency (Telephone)

Others Present:

Mallory Box – Citizens for Modern Transit
Heather Hamilton – U.S. Environmental Protection Agency Region 7 (Telephone)
Kevin Herdler- St. Louis Regional Clean Cities Program
David Shanks – Boeing
Steve Whitworth – Ameren (Telephone)
Andy Knott – Sierra Club (Telephone)
Krisha Kunapareddy – Boonslick Regional Planning Commission (Telephone)
Phil Valko – Washington University

Staff:

Mary Grace Lewandowski Aaron Young Maureen McCarthy

1. 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 March 27, 2018 AQAC meeting were approved as circulated.

2. Summary of the St. Louis Climate Summit April 22-24, 2018

- **Jack Fishman, St. Louis University**

Through the combined efforts of Trudy Busch Valentine, Jack Fishman, David Webb, and Peter Raven the St. Louis Climate Summit was put together and hosted by St. Louis University (SLU). The inspiration was Pope Francis’ encyclical letter, “Our Care for Our Common Home”, expressing the Catholic Church’s opinion on a secular summit. The Summit was a featured event of SLU’s bicentennial celebration. The majority of the Summit was held at the Nine Network in Grand Center. On Sunday, there was a speech by Cardinal Turkson, from the Vatican, on the Gospel of Creation – Indispensable for Climate of Hope, a showing of the film *Before the Flood*,

and a private reception for the panelists where the featured speaker was Nobel Laureate Mario Molina. On the following two days there were academic sessions with national and international climate experts. The evening keynote speech on April 23rd took place in the Chaifetz Arena and featured Carl Pope and Bill Nye. In order to document this event a book and video will be produced as well as a PBS TV special. The talks from the conference can now be found online at <http://www.ninenet.org/home/>.

3. OneSTL Energy and Emissions Working Group **- Phil Valko, Washington University**

In 2013 the OneSTL Plan for Sustainable Development was adopted by the East-West Gateway Board. In 2017 at the OneSTL Regional Sustainability Summit, concrete targets for performance indicators were developed in seven focus areas; energy and emissions, water and green infrastructure, food, biodiversity, building and land use, recycling and materials, and transportation. After the Summit the Energy and Emissions Working Group formed to take on the targets set at the Summit. Throughout 2017 the working groups formed around the seven focus areas continued to meet and refine their targets (all except building and land use). The Energy and Emissions working group have finalized two targets: Reduce greenhouse gas emissions in the region by 28 percent below the 2005 baseline levels by 2025, and by 2050 reduce greenhouse emissions by 80 percent below the 2005 levels. The Energy and Emissions working group is asking businesses, institutions, and governments to sign on to a commitment letter which includes endorsing the established milestones, adopt institution specific commitments, identify a point person to lead the reduction efforts, and invite additional business and organizations to join the commitment. The working group would like to see a steering committee with sub-committees be set up to coordinate the efforts to reach these greenhouse gas emissions goals.

Teams of Washington University undergraduate students first developed a framework for a regional greenhouse gas inventory and then began to develop the actual inventory based on available data. This inventory, which tracks all greenhouse gas emissions, breaks them down by sectors which will assist in the tracking of the goals set by the Energy and Emissions working group. The five sectors include transportation, waste, stationary energy (electricity, natural gas), industry, and agriculture. The preliminary data from 2015 shows that stationary energy is the biggest contributor to carbon dioxide (CO₂) emissions and transportation is the second largest. In the 2015 preliminary breakdown of CO₂ emissions by county, St. Louis County accounted for 40.9 percent followed by the Illinois counties which had 17.4 percent of the emissions. There were a couple of inventory gaps in the data due to missing rail data and data from the local natural gas utility (Spire) and the 2005 and 2015 data not always being available, requiring interpolations.

A website, OneSTLtargets.org, is being developed where endorsements can be made. It has not officially launched. Updates will continued to be made on the site in the next few weeks. The website will provide an overview of OneSTL, an outline of the six targets which came out of the Summit and have been refined by the working groups, and there will be an opportunity for individuals, organizations, businesses or institutions to endorse any of these targets and commit to taking tangible steps. Once the website is ready there will be a public launch and a meeting with public adopters of the targets.

Mr. Valko is seeking committee members for the four Energy and Emissions sub-committees, energy source, energy efficiency, transportation, and GHG inventory/data.

4. Missouri Volkswagen Settlement Activities

- Stacey Allen, Missouri Department of Natural Resources 56:40

Missouri's draft mitigation plan for the Volkswagen Settlement funds as well as an implementation guidelines document were released on April 4th. There was an open comment period for this draft from April 4th to May 4th. On April 20th there was a public meeting on the draft plan and draft guidelines in Jefferson City, which was live streamed, to provide another platform for public comments. Upon the release of the draft plan the Missouri Department of Natural Resources (MoDNR) webpage was reorganized slightly, but does still include information from past meetings and now has a digital version of the draft.

The draft beneficiary mitigation plan for Missouri, as required by the trust, lists the overall goals for the plan and the fund amounts that may be awarded in the different categories. The draft also include the estimates for emission reductions. People seemed to be most interested in the amount of money that will be allocated to each of the categories. School buses will receive \$12 million, government trucks will be given \$6 million, transit and shuttle busses will receive \$4 million, non-government trucks will receive \$6 million, locomotive and marine vehicles will receive \$2 million, airport equipment will be given \$2 million, Diesel Emissions Reduction Action (DERA) program will be given \$3 million in match of federal dollars, and electric vehicle infrastructure will receive \$6 million. The amounts allocated to each category are listed in the draft plan.

The implementation guideline document elaborates about how the projects will be selected based on the applications that are turned in. There will be a lottery process focused on the school busses and DERA, a team approach will focus on the infrastructure projects, and the remainder of the projects will go through a competitive scoring process. The next main item discussed in the guidelines is what areas will be targeted. There will be allocated pots of money for different areas of the state (St. Louis, Kansas City, Springfield) to spread the opportunity for funding. Another process for targeting areas to receive funding will involve awarding bonus points based on air quality problems and volume of VW cars. The final main item discussed in the guidelines addresses the timing of awarding the funds. The timing will be changing based on the comments received during the open comment period. All of the comments are in a 591 page PDF document on the MoDNR website. The goal is to have the guidelines finalized in June 2018 and start implementing some of the projects by the end of the year.

5. American Fuel Group Report

The U.S. Department of Energy (DOE) released a funding opportunity announcement this year to provide opportunities for research in several categories such as electric vehicle infrastructure. Several groups are working separately and together to submit concept papers for the chance to submit a full application. Some of the groups are St. Louis Regional Clean Cities, the University of Missouri, and Regent Power.

Mark Minden from North American Cab and Gene Foster with Regent Power will be speaking at the OneSTL Sustainability Lab on May 29 about their work on Smart City applications in St. Charles and electric transportation in the St. Louis region.

6. Update Activities of the States

- Buzz Asselmeier, Illinois Environmental Protection Agency

There have been a lot of high ozone numbers in the last part of May in Illinois. The Illinois Environmental Protection Agency (Illinois EPA) has submitted to U.S. Environmental Protection Agency (EPA) a request for EPA to designate the entire state for the most recent (2012) fine particulate (PM_{2.5}) standard from unclassifiable to attainment/unclassifiable. There is now three years (2015-2017) of complete PM_{2.5} monitoring data. EPA is working on this request. Illinois EPA is also working on the re-designation request for the 1997 PM_{2.5} standard. Illinois is working on the emissions inventory for the 1997 ozone standard and will need to get consensus on the conformity motor vehicle emissions budgets. Illinois' permit by rule for major source boilers is progressing through EPA. It is anticipated that it will be part of the State Implementation Plan (SIP) soon. Illinois EPA has had two companies express interest and has received three permit applications.

- Stacy Allen, Missouri Department of Natural resources

On March 29th there was Missouri Air Conservation Commission (MACC) meeting in Jefferson City. At this meeting there was a public hearing on nine different rules that MoDNR wants to resend. There were no adoptions at this meeting. The next MACC meeting was on April 26th in Kansas City. There was not a quorum, so there could not be a vote to adopt the nine rule recessions. The vote on this action will take place at the next MACC meeting on May 31st in Jefferson City, as well as a public hearing on the general organization and measurement and impaired components rules MoDNR would like to amend in order to bring them up to current standards. There is a new returning commissioner, Ron Voyer, whose first official meeting will be on the 31st. Within the Air Pollution Control Program at MoDNR there was a staffing change and Emily Wilbur is now the Planning Section Chief. At the July commission meeting MoDNR would like to have 18 more rules amended and rescinded. EPA found MoDNR's revised transportation conformity 2030 budgets adequate. As of April 30th, 2018 EPA has completed its designations based on the 2015 ozone standard. In Missouri, the non-attainment area will now include the City of St. Louis, St. Louis County, St. Charles County, and a small portion of Franklin County. It was confirmed that Lincoln and Warren Counties have been designated as attainment of the 2015 standard. The 2010 sulfur dioxide (SO₂) standard requires an ongoing data requirement report be prepared and it is currently under inspection. Missouri will be using part of the 2018 DERA grant to match federal funds in order to get bonus federal money. For the 2017 DERA grant program eight school districts were selected and twelve buses were to be replaced. Those bus replacements are to happen by June 30th of 2018 and all of the schools are on track. One school district had to drop out so the next district on the list was chosen.

7. Other Business

In April East-West Gateway and EPA Region 7 co-hosted a workshop on the federal DERA fund process and the Volkswagon settlement information for Missouri and Illinois. This workshop targeted the freight industry. For more information, Larry Gonzalez or Greg Crable at Region 7 are the people to contact. (Gonzalez.larry@epa.gov or crable.gregory@epa.gov)

Starting on May 23rd there have been fifteen exceedances of the 2015 ozone standard over three days. All of the monitors in the non-attainment area have had exceedances except Arnold and Wood River.

8. Adjournment

The next AQAC meeting date is set for June 26, 2018. There being no other business the meeting of the Air Quality Advisory Committee was adjourned.