



AGENDA
AIR QUALITY ADVISORY COMMITTEE*
TUESDAY, October 24, 2017
10:00 a.m. – 12 noon
East-West Gateway Board Room

Chair

John Griesheimer
Presiding Commissioner
Franklin County

Vice Chair

Mark A. Kern
Chairman, St. Clair County Board

2nd Vice Chair

Steve Stenger
County Executive
St. Louis County

Executive Committee

Steve Ehlmann
County Executive
St. Charles County

Robert Elmore
Chairman, Board of Commissioners
Monroe 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

Jason Fulbright
Jefferson County

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

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

Kristen Poshard

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 September 26, 2017 Meeting
- II. Ameren Missouri Plan to Expand Use of Wind and Solar Generation and Carbon Reduction Goal**
 - Ajay Arora, Ameren
- III. Air Quality and Health – Beyond the Lungs and Heart**
 - Jay Turner, Ph.D., Washington University
- IV. 2017 Ozone Season**
 - East-West Gateway Council of Governments
- 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 Date January 30, 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.

Gateway Tower
One Memorial Drive, Suite 1600
St. Louis, MO 63102-2451

314-421-4220
618-274-2750
Fax 314-231-6120

webmaster@ewgateway.org
www.ewgateway.org

MINUTES
AIR QUALITY ADVISORY COMMITTEE
Tuesday, September 26, 2017
East-West Gateway Board Room

Members Present:

David Bloomberg- Illinois Environmental Protection Agency (telephone)
Carol Lawrence, Chair - East-West Gateway Council of Governments
Stacy Allen - Missouri Department of Natural Resources
Jeanine Arrighi- City of St. Louis Department of Health
Mike Henderson- Missouri Department of Transportation
Jack Fishman- St. Louis University
Betsy Tracy- Federal Highway Administration Illinois
Chris Schmidt – Illinois Department of Transportation
Jeremy Rogus- St. Louis County Department of Health
Susannah Fuchs- American Lung Association

Others Present:

Kevin Jemison – Illinois Department of Transportation, District 8
Heather Hamilton – U.S. Environmental Protection Agency Region 7 (telephone)
Kevin Herdler- St. Louis Regional Clean Cities Program
Curtis Jones- Illinois Department of Transportation
Shirley Wolverson- Missouri Department of Natural Resources
Meagan Lucker- Madison County Transit
Joe Wright- Madison County Transit
Darcy Bybee- Missouri Department of Natural Resources
Emily Wilbur- Missouri Department of Natural Resources
Steve Whitworth- Ameren

Staff:

Aaron Young Mary Grace Lewandowski Bonnie Harper Helena Sykas

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 June 27, 2017 AQAC meeting were approved as circulated.

II. Revised City of St. Louis Air Pollution Control Ordinance

- Jeanine Arrighi, St. Louis County Department of Health

In 2011, the State of Missouri withdrew funding from the local air pollution control programs. Prior to that, the City of St. Louis had an active program that established responsibilities of state and local agencies. In 2010, the city had just passed Ordinance 68657, establishing the local code and identifying delegated responsibilities under the Missouri Department of Natural Resources (MoDNR), as well as establishing a local fee structure. Since then, without State resources, the

number of staff declined from 24 to four and by November 2013, there was no staff in the air pollution control program. For the past few years the air pollution control activities have been being handled by a few staff members of St. Louis City's Environmental Health Officer who also deal with a number of other inspections as well. Ms. Arrighi joined the team in spring of 2014 to assess these challenges and identify solutions. A relationship was reestablished with MoDNR to ensure that demolition permits that were being approved by the City's Department of Health were going through the appropriate process and oversight. In 2016, there was no staff fully dedicated to the air pollution control program, while 386 demolition permits were issued. Two-thirds of those demolitions took place on the north side, where there is a higher number of health risks, such as asthma and cardiovascular disease. It's important to address air pollution issues in this area as well as in the entire city. Beyond not having staff available, another problem is that there also was no structure in place to collect fees, No fees have been collected since 2013.

In 2016-2017, Air Pollution Control met with elected officials, neighboring counties, MoDNR, EWG, and other community partners to plan the revision of the City's air pollution ordinance and establish a memorandum of agreement with MoDNR. March 9, 2017, the group started moving forward with reestablishing the air pollution control program. MoDNR supported the delegation of asbestos and demolition regulations under NESHAPS to the City. Alderwoman Cara Spencer offered to sponsor the Board Bill. She and the environmental health staff at the City drafted the bill, in consultation with the City Counselor's office and staff from St. Louis County Air Pollution Control. The goal of the Board Bill was to ensure the fee structure used was similar to that of the state and county, and the regulated population needed consistency, and complied with requirements of the Hancock amendment. The Board Bill eliminated any air pollution regulation that had been superseded by more stringent Missouri or Federal regulations (e.g., incinerators), or for which the City could not support technically trained staff at this time (e.g., construction and operating permits) and de minimis levels for asbestos notifications and abatement match St. Louis County's rules.

A stakeholder meeting was held at St. Louis City Department of Public Health on June 28, 2017. A hearing with the Board of Aldermen Health and Human Services Committee was held June 29, 2017, with two of the stakeholders testifying in favor of the Board Bill. A final hearing of the Board Bill occurred July 6, 2017, and it was passed out of committee. Board Bill 86 passed the Board of Aldermen with 21 Ayes and three Noes. The objections were to the reduction of the stringency of the local code where MoDNR would take authority.

The Board Bill became Ordinance 70607 on July 19, 2017. A memorandum of agreement is currently under review with Missouri Department of Natural Resources. Currently there are two Air Pollution Inspector II positions posted on the City's website. The original goal was to have the program in full operation by October 1, 2017, and now it will be ready by November 1, 2017. The City is hoping within a few weeks the program will be up and running.

III. Overview St. Louis County Air Pollution Activities **- Jeremy Rogus, St. Louis County Department of Health**

When the State funding was cut in 2011, the County was impacted, but fortunately the St. Louis County Department of Health stepped up, and there were only 1½ positions lost. The program was established in 1967 with its own ordinance, with construction and operating permits. St. Louis

County adopted the State rule for construction permitting and has a memorandum of agreement with MoDNR to perform certain functions in the air program, including writing construction permits under the state rule. The County also performs inspections, to determine compliance with state and local regulations, for all the sources within the county (364). Many are minimal, meaning that they fall below the threshold of State permitting but are required to have permits under the county ordinance. Funding comes from permit and inspection fees and EPA funds. The County also has an asbestos program with one staff member dedicated to doing the permitting. The County also performs inspections for asbestos and abatement. The fee schedule needs to be updated to more consistent with the State and City, which is currently being reviewed. The County also performs enforcement activities when compliance is not met and helps local county businesses with compliance assistance, addresses citizen concerns and responds to complaints and performs testing oversight for things such as emissions testing. Currently the County is identifying sources located in low income and high crime areas and how they may be contributing to health and equity issues and making sure permits are up to date, as well as working with sources to evaluate any negative impacts on the environment.

IV. The St. Louis Climate Summit April 22-24, 2018: An Update
- **Jack Fishman, Ph.D., St. Louis University**

The 2018 Saint Louis Climate Summit brings together some of the most authoritative minds in climate science, ecology, sustainable development, and related disciplines for three days of discussion on climate change. The Summit will highlight key issues, celebrate notable achievements, and elucidate a path forward. The Climate Summit is a featured activity of Saint Louis University's Bicentennial Celebration. The Climate Summit is partnering with the St. Louis Earth Day Festival, taking place on April 21 and 22 (Earth Day).

There is a planning committee has been formed to organize the summit with representatives from different programs at St. Louis University, Nine Network of Public Media (logistics agent) and ex-officio members and informal working groups (program, sponsorship and fundraising, local climate awareness and education). The planning committee is working with meteorologists at KSDK, Channel 5, who are going to produce news features ahead of the Summit.

The Saint Louis Climate Summit objectives include generating new or renewed environmental awareness and interest, to highlight key climate-related issues and celebrate notable achievements, elucidate a path forward for the care of our common home, and to publish proceedings so that they can be used as a guide for the future when discussing avenues for action and formulating policy.

In May of 2014, Pope Francis called leading experts in climate science and environmental stewardship to the Vatican, initiating a global conversation about the plight of the planet. The origin of the 2018 Summit came from a workshop at the 2014 Pontifical Academy Conference. It was titled Sustainable Humanity, Sustainable Nature, and Our Responsibility. From that convocation came Pope Francis' Encyclical, *Laudato Si' – Our Care for our Common Home*, in 2015.

Information on the speakers and schedule for the Saint Louis Climate Summit is available at www.stlclimatesummit.org.

Mr. Young, EWG, observed that OneSTL, St. Louis Earth Day and the Saint Louis Climate Summit need to be communicating with each other about their activities.

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

As for the Volkswagen/EPA settlement the trust effective date is October 2, 2017. There will be more updates moving forward. There will be continued stakeholder outreach and meetings. The Court approved the partial settlement October 25, 2016.

New compressed natural gas (CNG) buses have been delivered, Parkway School District received 10 new buses and Pattonville District received four. Two new CNG refueling systems are being built, one in Maryville Illinois by Ameren and another in the City of Chesterfield. Propane auto gas station is planned but doesn't have a location yet. It will be open to the public.

VI. Update Activities of the States

- **Missouri Department of Natural Resources**
- **Illinois Environmental Protection Agency**

Illinois: "Regulatory Mega Cleanup"- the governor issued an order that all agencies had to look through their rules and pull out any old obsolete rules and redundant information to clean things up. Expect to file it in October with the Illinois Pollution Control Board. There is no outreach necessary.

The Metro East Ozone re-designation request is moving forward at EPA in signature. Waiting for approval by EPA of the lead re-designation request for Granite City.

Missouri: The Missouri Air Conservation Commission (MACC) met in August and there was a public hearing for Jefferson County sulfur dioxide (SO₂) re-designation request and maintenance plan. MoDNR staff is currently working on comments that were received. The next meeting is September 28 in Jefferson City and staff will ask for adoption in the October 26 meeting.

Missouri also has a red tape reduction plan in the works, comments are being accepted on all State Rules. On the main MoDNR Missouri Department of Natural Resources website there is a link on the main page and submit comments. MoDNR is also accepting comments at public meetings from now until December.

This time last year Missouri submitted re-designation request for 2008 Ozone standard. EPA asked for clarification and MoDNR responded in July. Re-designation is still expected. As for the 2015 Ozone standard, in June EPA announced that they were going to extend time for designation to 2018. In August, EPA withdrew this extension. Missouri is thinking about making an update to our recommendations with the new years of data. On September 22, MoDNR sent a letter to EPA stating that we would be updating the recommendations and for EPA not to act on the current recommendations.

For the 2017 Missouri State DERAr grant program for new school buses, applications were received August 31. Names were drawn and awards were given to eight different school districts for a total of 12 new buses. The grant covers up to 25 percent of the cost of the new bus. The DeSoto School District in Jefferson County was one of the school districts selected to receive funding for two new school buses.

VII. Other Business

The OneSTL Sustainability Lab meets this evening. The agenda is available online at www.onestl.org.

Mr. Henderson, Missouri Department of Transportation (MoDOT), announced that MoDOT is in the process of updating the State Long Range Plan and an online survey is available at www.modot.org, By May 2018 the effort will be complete. The survey closes October 11.

VIII. Adjournment

The next AQAC meeting date was t set for October 24, 2017. There being no other business the meeting of the Air Quality Advisory Committee was adjourned.