

**MINUTES**  
**MISSOURI AIR CONSERVATION COMMISSION**  
**St. Louis Regional Office**  
**7545 South Lindbergh, Suite 220**  
**DESE Conference Room**  
**St. Louis, MO 63125**  
**July 25, 2019**  
**9:00 a.m.**

**Commissioners Present**

Ron Boyer, Member  
Mark Fohey, Member  
Gary Pendergrass, Chairman  
Richard Rocha, Member\*  
Kevin Rosenbohm, Vice Chairman

**Staff Members Present**

Aaron Basham, Air Quality Planning Section, Air Pollution Control Program (APCP)  
Danielle Bausch, St. Louis Regional Office  
Darcy Bybee, Director, APCP  
Stephanie Durbin, Compliance and Enforcement Section, APCP  
Dorothy Franklin, Director, St. Louis Regional Office  
Berhanu Getahun, Gateway Vehicle Inspection Program, APCP  
David Gilmore, Director's Office, APCP  
Chris Heimsoth, Environmental Services Program  
Caroline Kargus, Gateway Vehicle Inspection Program, APCP  
Connie Kinney, Compliance and Enforcement Section, APCP  
Dustin Kuebler, Environmental Services Program  
Myron Lewis, St. Louis Regional Office  
Paul Myers, Air Quality Planning Section, APCP  
David Offu, Gateway Vehicle Inspection Program, APCP  
David Ruby, St. Louis Regional Office  
Tom Sims, St. Louis Regional Office  
Josh Vander Veen, Compliance and Enforcement Section, APCP  
Richard Waters, Assistant General Counsel, Department of Natural Resources  
Linda Wegrzyn, St. Louis Regional Office  
Emily Wilbur, Air Quality Planning Section Chief, APCP

**Others Present by Attendance Record**

Kimberly Bauman, Mississippi Lime  
Aaron Cadman, St. Louis County, Department of Health  
Sandra Cupp, CEC, Inc.  
Kris Donaghey, Boeing  
Richard Groeneman, Attorney General's Office

Mike Hutcheson, Ameren Missouri  
Carol Lawrence, East-West Gateway Council of Governments  
Jeremy Rogus, St. Louis County, Department of Health  
David Shanks  
Meredith Springs, Environmental Operations Inc.  
Roger Walker, Regulatory Environmental Group for Missouri (REGFORM)  
Shirley Wolverson

#### **A. Call to Order**

Chairman Gary Pendergrass called the July 25, 2019, meeting of the Missouri Air Conservation Commission to order. The following commissioners were present: Gary Pendergrass, Ron Boyer, Mark Fohey, Kevin Rosenbohm, and Richard Rocha.  
\*Commissioner Richard Rocha participated by phone.

#### **B. Minutes from May 30, 2019**

Vice Chairman Rosenbohm moved to approve the May 30, 2019, minutes as written. Commissioner Boyer seconded the motion. All commissioners voted to approve the May 30, 2019, minutes as written.

#### **C. Welcome and Introductions**

Ms. Darcy Bybee welcomed the commission to St. Louis. She also welcomed Commissioners Fohey and Rocha back to the commission.

Ms. Bybee announced the commission has a new attorney: Richard Groeneman. Mr. Groeneman replaced Ms. Jennifer Hernandez.

She thanked Commissioner Mark Garnett and Ms. Hernandez for their service to the Commission.

Ms. Bybee thanked the program's air quality partners in St. Louis: East-West Gateway Council of Governments, St. Louis City, St. Louis County, Environmental Services Program, as well as St. Louis Regional Office and Gateway Vehicle Inspection Program staff.

Among the section reports, rulemaking actions, adoption items, and public hearing item, the agenda also includes the proposed list of 2020 commission meetings and a Volkswagen presentation. Ms. Bybee said she will present the Permits Report for Mr. Kendall Hale and Mr. Josh Vander Veen will present the Compliance/Enforcement Report for Mr. Richard Swartz. Mr. Hale and Mr. Swartz, along with several others in the department, are participating in *The Missouri Way* training this week. Ms. Bybee gave a brief description of *The Missouri Way*.

**D. Reports – The following referenced reports are in the July 25, 2019, Missouri Air Conservation Commission Briefing Document and available online at [dnr.mo.gov/env/apcp/macc.htm](http://dnr.mo.gov/env/apcp/macc.htm).**

**1) COMPLIANCE/ENFORCEMENT REPORT**

The video for this meeting and these reports can be viewed at <https://dnr.mo.gov/videos/archive-meetings.htm>. Please note that the video will be removed 90 days after the date of the commission meeting.

**a) Concern Report**

Mr. Josh Vander Veen said the Compliance/Enforcement Report begins on page 45 with the Concern Report. A total of 136 concerns were received between April 16, 2018, through June 15, 2019. During this time 131 investigations were completed by regional office staff. In addition, six Letters of Warning were issued.

**b) Ongoing Negotiations Report**

The Ongoing Negotiations Report can be found on page 129. There are eight enforcement actions in the negotiation process at this time, which is unchanged from the last commission meeting.

**c) Finalized Agreement Report**

The Finalized Agreements Report is on page 131. An agreement was finalized with Marty Cancila Dodge-Chrysler. Mr. Vander Veen gave further details regarding the agreement.

**d) Pending Referrals Report**

The Pending Referrals Report can be found on page 133. There are four active referrals at this time, which is unchanged from last month.

**e) Gateway Vehicle Inspection Program Report**

The GVIP Report can be found on page 135. In the second quarter, over 215,000 vehicles were tested with a passing rate of greater than 97 percent. The Department conducted 238 audits during the second quarter.

**f) Compliance Report**

The Compliance Report can be found on page 137. A total of 605 reports were received for the second quarter of 2019. The majority of those reports were Annual Compliance Certifications and Semi-Annual Monitoring Reports. One Part 70 and 12 Intermediate facilities failed to submit their Annual Compliance

Certifications. The Compliance/Enforcement Section is in the process of submitting Letters of Warning to those facilities.

**g) Asbestos Report**

The Asbestos Report can be found on page 139. A total of 893 occupational certifications were issued and 326 asbestos notifications were processed. In addition, 51 asbestos abatement contractor registrations were issued and four asbestos training providers were accredited.

Commissioner Boyer asked if the new open burning regulations have caused any problems.

Ms. Bybee responded that, according to her knowledge, the new open burning regulations have not caused any significant problems. However, there has been a learning curve for the changes, in particular, as under the new rule there are no permits issued. It is the program's understanding there are some local cities and municipalities looking at regulating open burning.

**2) PERMIT REPORT**

Ms. Bybee presented the Permit Report for Mr. Hale. The Permit Report begins on page 141 of the briefing document with the Permit Applications Received Report. For the months of January through June the Permit Section received 261 Construction and 78 Operating Permit projects. The Permit Section has received a total of 339 permit projects, so far, for 2019. This is six more projects than last year at this same time.

The Permit Applications Completed Report begins on page 153 of the briefing document. For the months of January through June the Permit Section completed 221 Construction and 93 Operating Permit projects. The Permit Section has completed a total of 314 permit projects, so far, for 2019. This information is searchable on the Air Pollution Control Program's website and is updated weekly.

The Open Permits Report is on page 165 of the briefing document. This report details the types of projects currently open in the Permit Section. There are currently 149 Construction and 137 Operating permit projects open in the Permit Section. For perspective, the total open projects in 2016 was 608.

There Permit Section is working diligently to fill vacancies.

There are currently four Part 70 operating permit projects on public notice. The draft permits are located on the program's website. Comments can be submitted electronically and in writing. For details on how to submit comments visit the Air Pollution Control Program's website at <https://dnr.mo.gov/env/apcp/permit-public-notice.htm>

### 3) AIR QUALITY PLANNING REPORT

#### a) Rule and State Implementation Plan Agenda

Ms. Emily Wilbur said the Rule and SIP Agenda begins on page 167 and continues through page 171 of the briefing document. There are four rulemakings that will be presented at public hearing. Two of the rulemakings that will be heard at public hearing today did not make it onto the last meeting agenda due to timing of the publication of the agenda. Those rulemakings are 10 CSR 10-6.050, *Start-Up, Shutdown, and Malfunction Conditions* and 10 CSR 10-6.140, *Restriction of Emissions Credit for Reduced Pollutant Concentrations From the Use of Dispersion Techniques*. Also on the agenda is one adoption item: 10 CSR 10-6.030, *Sampling Methods for Air Pollution Sources*.

The August 29, 2019, commission meeting will be held in Jefferson City. Three new rulemakings have been added to the August agenda and are part of a set of rulemakings that the program is evaluating and are necessary because of the correction that is being made to 10 CSR 10-6.030, *Sampling Methods for Air Pollution Sources*. Based on that amendment, it triggers a need for an amendment to additional rules. This rule set will need to be amended to fix those references to 10 CSR 10-6.030. In addition, these three rulemakings will be published in the *Missouri Register* this month and are open for public comment. Three State Implementation Plan (SIP) revisions are also on the August agenda. A description of each SIP revision can be found on page 168 of the briefing document.

#### b) Rules in Progress Schedule

The Rules in Progress Schedule begins on page 173 of the briefing document. Three rulemakings that do not appear on the schedule, but are in the early stages of development are 10 CSR 10-2.330, *Control of Gasoline Reid Vapor Pressure*, 10 CSR 10-6.330, *Restriction of Emissions from Batch Type Charcoal Kilns*, and 10 CSR 10-6.060, *Construction Permit Required*. Ms. Wilbur gave a brief description of each rule and said the last two rules are part of the rule set that will fix those references to 10 CSR 10-6.030.

EPA has been working on approving quite a few rules that went through the Red Tape Reduction process. Ms. Wilbur started with 10 CSR 10-6.180, *Measurement of Emissions of Air Contaminants* on page 173 of the briefing document. EPA has approved that rule amendment, it is complete, and it is technically adopted into Missouri's SIP.

Also found on page 173 are four rule rescissions EPA is proposing to approve: 10 CSR 10-5.120, *Information on Sales of Fuels to be Provided and Maintained*, 10 CSR 10-5.130, *Certain Coals to Washed*, 10 CSR 10-5.450, *Control of Volatile Organic Compounds From Traffic Coatings*, and 10 CSR 10-2.390, *Kansas City Area Transportation Conformity Requirements*.

Ms. Wilbur continued with 10 CSR 10-6.040, *Reference Methods* and 10 CSR 10-6.110, *Reporting Emission Data, Emission Fees, and Process Information*; both rules are located on page 174 of the briefing document. These are two more rules EPA is proposing to approve.

EPA is also proposing to approve 10 CSR 10-6.280, *Compliance Monitoring Usage* (page 175) and 10 CSR 10-6.065, *Operating Permits* (page 176).

All of these rules are currently open for public comment and the program will be following these rules as they go through the finalization stages.

### **c) State Plans Report**

The State Plans Report begins on page 179 of the briefing document. Ms. Wilbur focused on the Sulfur Dioxide (SO<sub>2</sub>) entries starting on page 182. The program is closely following the air quality monitoring data as it relates to the 2010 SO<sub>2</sub> Standard. The program is also working on the boundary recommendations for the fourth and final round of designations that EPA will be making at the end of 2020. The areas that are left to be designated are Iron and New Madrid counties. The program continues to work on evaluating the potential nonattainment area in New Madrid County near the Magnitude 7 Metals facility, a primary aluminum production plant near the Mississippi River. Since the last commission meeting program staff have visited with members of the facility and they are coordinating efforts to reduce the impacts the facility is having on air quality in that area. The program plans to submit its boundary recommendations to EPA early next year.

The program submitted the 2015 Ozone Standard Infrastructure SIP to EPA in April. EPA is currently proposing approval of that SIP submission.

EPA released the Affordable Clean Energy (ACE) rule in June and then published it on July 8, 2019. That rule will become effective on September 6, 2019, and will establish emission guidelines and the best system of emissions reduction of carbon dioxide (CO<sub>2</sub>) for coal-fired power plants across the nation. Along with ACE, EPA also published two additional rulemakings. One of the rulemakings repealed the Clean Power Plan and the second set deadlines for the submission process for states to follow when they submit their plans for the ACE rule. The program will follow those timelines when it submits its plan, which will be approximately three years from the effective date. Missouri has three years to submit its plan to EPA.

## **4) DIRECTOR'S REPORT**

### **a) Staffing**

The program has been able to fill several vacancies since the last commission meeting: three Environmental Engineers, two clerical, and two Environmental Specialist positions. Not all of those employees have started yet, but the program expects they will all be onboard and settled in in the next few weeks. Even with

filling all of those vacancies there are still approximately ten vacancies in the program. There are several in St. Louis in the Gateway Vehicle Inspection Program, and there are others in the different sections in the program in Jefferson City. The program continues to review vacancies to determine which vacancies to fill immediately and which positions to hold, balancing expenditures with workload.

**b) Ozone**

Missouri is in about the middle of its ozone monitoring season for 2019. The ozone season began on March 1st and goes through October 31st. The first preliminary exceedance of the 2015 ozone standard occurred on Tuesday, April 9, 2019, at the Alba monitor near Joplin. Since that time there have been two more days with preliminary exceedances of the standard; both of those days occurred in St. Louis. One exceedance happened in June and the other in July. On one of those days there were four monitors that noted a preliminary exceedance. At this point the program does not have any regulatory obligations due to the exceedances under the 2015 ozone standard.

The program does its best to monitor the ozone forecast. The program shares the forecast by sending out Tweets and GovDelivery e-mail bulletins. The program posts weekly preliminary monitoring information not only for ozone, but for other pollutants as well. The ozone forecast for Kansas City today is green, which is good. Today's ozone forecast for St. Louis is yellow, which is moderate. The program, as always, will be paying close attention to the air quality throughout the day.

As a reminder to not only the commission, but to the public as well, Mr. Steve Hall, Air Quality Analysis Section Chief, does an annual update on annual emissions and monitoring. Mr. Hall presented this annual update at the April 22, 2019, commission meeting in Kansas City. The information is available on the commission's webpage.

The public comment period for the program's Annual Monitoring Network Plan closed on July 19, 2019. The program is in responding to comments received and will submit the plan to EPA.

**c) Volkswagen**

The program held a stakeholder advisory committee meeting the afternoon after the May 30, 2019, commission meeting. There was a good mix of old and new faces. Topics discussed included how to implement the environmental trust fund in a way that is right for Missouri, a report of last year's funding awards, and plans for this year.

Ms. Bybee said there were several Volkswagen brochures available and invited the commissioners and the public to help themselves. This brochure will be distributed at the Missouri State Fair, future meetings, and other events.

Ms. Wilbur will give a more detailed presentation.

**d) Commission Operating Policy**

As a reminder, the commission had requested some updates to their operating policy to clarify when a quorum is required and how a quorum works versus a simple majority rule. Since the program will be making these updates it would also be a good time to update other portions of the operating policy. For example, how the commission conducts business and also integrating the Sunshine Law presentation that the commission viewed at their May meeting. The program will provide a draft amended policy for the commission's review at a future meeting.

**e) Environmental Services Program**

Ms. Bybee informed the commission that the program continues to work on scheduling a tour of ESP. She asked the commission to consider touring ESP after the August commission meeting or possibly the afternoon before the meeting. The program will accommodate the commission's schedule.

Chairman Pendergrass commented that tours are great. He would like to get back into a routine of going to industry and touring their facilities.

**5) MISSOURI'S VOLKSWAGEN TRUST PROGRAM FUNDS: FISCAL YEAR 2019 REVIEW**

Ms. Wilbur provided a review of Missouri's Volkswagen trust funds program for fiscal year 2019.

The video for this presentation can be viewed at <https://dnr.mo.gov/videos/archive-meetings.htm>. Please note that the video will be removed 90 days after the date of the commission meeting. The slides to this presentation can be viewed in Attachment A at the end of these minutes.

Chairman Pendergrass asked if the process for non-government entities is the same as the process for government entities

Ms. Wilbur replied that the government and non-government application processes are similar, however, they do have different requirements for each category so they are evaluated separately. Ms. Wilbur went into further detail.

Commissioner Fohey asked for the definition of DERA.

Ms. Wilbur explained that DERA stands for Diesel Emission Reduction Act. She also gave further detail regarding DERA.

## **E. Public Hearing**

The video for this meeting and these reports can be viewed at <https://dnr.mo.gov/videos/archive-meetings.htm>. Please note that the video will be removed 90 days after the date of the commission meeting.

Chairman Pendergrass called the public hearing to order.

Mr. Aaron Basham presented 10 CSR 10-5.442, *Control of Emissions From Lithographic and Letterpress Printing Operations*. More information on the proposed amendment can be found on page 185 of the briefing document.

Mr. Paul Myers presented 10 CSR 10-5.550, *Control of Volatile Organic Compound Emissions From Reactor Processes and Distillation Operations Processes in the Synthetic Organic Chemical Manufacturing Industry*. More information on the proposed amendment can be found on page 199 of the briefing document.

Mr. Myers presented 10 CSR 10-6.050, *Start-Up, Shutdown, and Malfunction Conditions*. More information on the proposed amendment can be found on page 217 of the briefing document.

Mr. Roger Walker, representing the Regulated Environmental Group for Missouri (REGFORM), presented comments in regards to 10 CSR 10-6.050, *Start-Up, Shutdown, and Malfunction Conditions*.

Mr. Myers presented 10 CSR 10-6.140, *Restriction of Emissions Credit for Reduced Pollutant Concentrations From the Use of Dispersion Techniques*. More information on the proposed amendment can be found on page 223 of the briefing document.

Chairman Pendergrass closed the public hearing.

To obtain a copy of the public hearing transcript, please contact Kathy Porter by writing to Alaris Litigation Services, 711 North 11th Street, St. Louis, MO 63101, or by phone at 1-800-280-3376.

## **F. Recommended for Adoption and Actions to be Voted on**

Mr. Basham presented 10 CSR 10-6.030, *Sampling Methods for Air Pollution Sources* for adoption. More information on the proposed amendment can be found on page 231 of the briefing document.

Commissioner Boyer moved to adopt 10 CSR 10-6.030, *Sampling Methods for Air Pollution Sources*. Vice Chairman Rosenbohm seconded the motion.

Chairman Pendergrass asked Commissioners Fohey and Rocha to confirm they had read all the transcripts and testimony and were prepared to vote.

Commissioner Fohey confirmed he had read all the transcripts and testimony and was prepared to vote.

Commissioner Rocha also confirmed he had read all the transcripts and testimony and was prepared to vote.

All commissioners voted to adopt 10 CSR 10-6.030, *Sampling Methods for Air Pollution Sources* as proposed.

### **G. Open Comment Session**

Mr. Roger Walker, representing REGFORM, addressed the commission. His comments may be viewed at <https://dnr.mo.gov/videos/archive-meetings.htm>. Please note that the video will be removed 90 days after the date of the commission meeting.

### **H. Future Meeting Dates**

#### **August 29, 2019 – Thursday**

Elm Street Conference Center  
1730 East Elm Street  
Lower Level  
Bennett Springs Conference Room  
Jefferson City, MO 65101

#### **September 26, 2019 – Thursday**

Southwest Regional Office  
2040 West Woodland  
East and West Conference Rooms  
Springfield, MO 65807

#### **October 31, 2019 – Thursday**

Elm Street Conference Center  
1730 East Elm Street  
Lower Level  
Bennett Springs Conference Room  
Jefferson City, MO 65101

#### **December 3, 2019 – Tuesday**

Elm Street Conference Center  
1730 East Elm Street  
Lower Level  
Bennett Springs Conference Room  
Jefferson City, MO 65101

Vice Chairman Rosenbohm moved to approve the following meeting dates in 2020:

January 30, 2020 – Thursday

March 26, 2020 – Thursday

April 30, 2020 – Thursday  
May 28, 2020 – Thursday  
July 30, 2020 – Thursday  
August 27, 2020 – Thursday  
September 24, 2020 – Thursday  
October 29, 2020 – Thursday  
December 3, 2020 – Tuesday

Commissioner Fohey seconded the motion. All commissioners voted to approve the meeting dates, as listed above, in 2020.

#### **I. Discussion of Pending Litigation and Legal Matters**

Mr. Richard Groeneman gave a brief update on active and settled cases. His update may be viewed at <https://dnr.mo.gov/videos/archive-meetings.htm>. Please note that the video will be removed 90 days after the date of the commission meeting.

## **J. Meeting Adjournment**

Chairman Pendergrass asked the commission if they had any closing remarks.

Commissioner Boyer thanked Mr. Mark Garnett for his generous donation of time and service on the commission.

Chairman Pendergrass also thanked Mr. Garnett for his service and welcomed Commissioners Fohey and Rocha back to the commission.

Commissioner Fohey moved to adjourn the July 25, 2019, Missouri Air Conservation Commission meeting. Vice Chairman Rosenbohm seconded the motion. All commissioners voted to adjourn the July 25, 2019, Missouri Air Conservation Commission meeting.

Chairman Pendergrass adjourned the July 25, 2019, Missouri Air Conservation Commission meeting.

Respectfully submitted,

***Signature on File***

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Darcy A. Bybee, Director  
Air Pollution Control Program

Approved:

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Gary Pendergrass, Chairman  
Missouri Air Conservation Commission

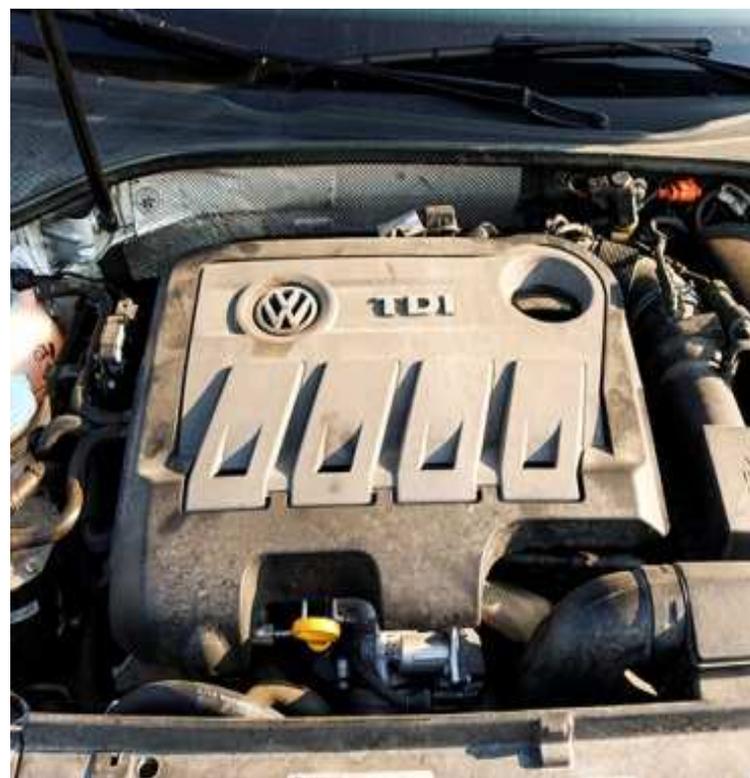


# Volkswagen Trust

Be Part of the Solution

## Missouri's Volkswagen Trust Program Funds FY 2019 Review FY 2020 Plans

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# Presentation Overview

- Background
- Missouri's Beneficiary Mitigation Plan
- Review FY 2019
- Tentative Plans for FY 2020

## Background

In 2015, VW admitted using software that caused diesel vehicles to perform differently during emissions tests so they would pass.

- American consumers bought 590,000 affected VW and Audi vehicles
  - Missourians bought 7,500 affected vehicles
- During normal operation, these vehicles emitted nitrogen oxides (NO<sub>x</sub>) at levels higher than EPA standards

## Environmental Mitigation Trust

- Volkswagen to pay \$2.9 billion to an environmental mitigation trust fund
- **Missouri's share of trust: \$41 million**
- State to use funds to counteract excess NO<sub>x</sub> emissions from faulty VW vehicles



## Eligible Mitigation Actions

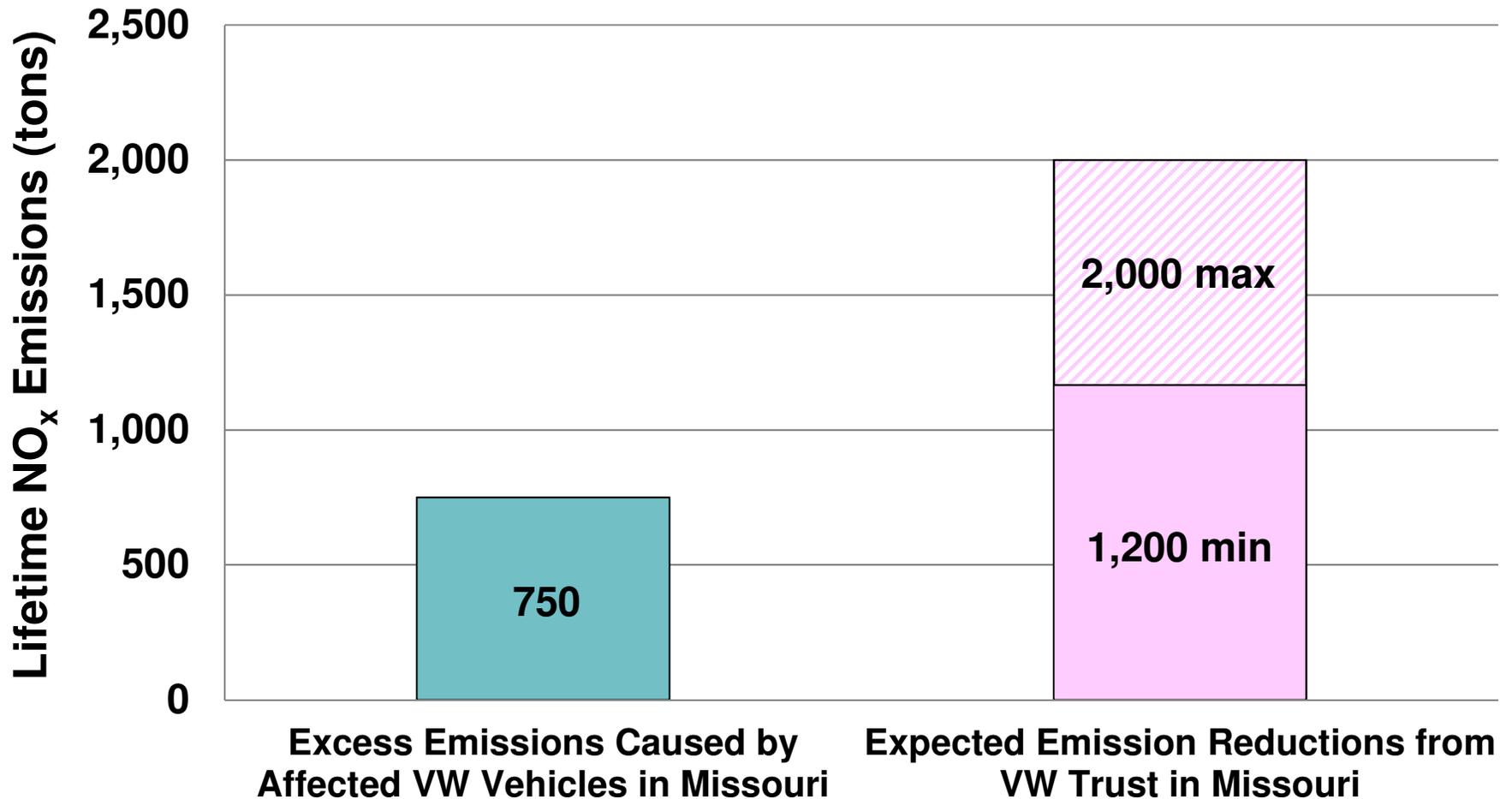
1. Large trucks (class 8)
2. School, shuttle and transit buses
3. Locomotives
4. Ferries/tugboats
5. Marine shorepower
6. Medium trucks (class 4-7)
7. Aircraft service equipment
8. Forklifts and cargo-handling equipment
9. Charging stations for electric vehicles
10. Diesel Emission Reduction Act (DERA) option

# Beneficiary Mitigation Plan Overall Goals

- Reduce NO<sub>x</sub> emissions from mobile sources
- Additional goals:
  - Replace aging school bus fleets
  - Reduce diesel fuel consumption
  - Upgrade government and private fleets
  - Target areas that currently or historically have not met air quality goals
  - Target areas with affected Volkswagen vehicles
  - Promote electric vehicles



# Estimated Emission Reductions



# Award Categories and Funding Levels

Award Category	Projects	Funding Level
1	School Buses	\$12 million
2	Government Trucks	\$6 million
3	Transit and Shuttle Buses	\$4 million
4	Nongovernment Trucks	\$6 million
5	Locomotive and Marine	\$2 million
6	Airport and Cargo Equipment	\$2 million
7	DERA Option	\$3 million
8	Electric Vehicle Charging Stations	\$6 million

# Fiscal Year 2019 Review

July 1, 2018 – June 30, 2019

- School Buses
- Government Trucks
- Transit and Shuttle Buses
- Electric Vehicle Infrastructure

## Fiscal Year 2019 Funding Awarded

- School Buses (~\$4.7 million)
  - ~\$2.7 million for financially disadvantaged schools
  - ~\$2.0 million for cost share school bus replacements
- VW DERA Option (~\$276,000)
- Federal DERA funds (~\$414,000)
- Government Trucks (~\$600,000)
- Transit and Shuttle Buses (~\$400,000)
- Department of Corrections (~\$1 million)
- FY19 Appropriations Authority \$7.25 million

## FY 2019 School Buses – Cost Share

- Application period: Aug. 7, 2018 to Sept. 14, 2018
- Award: 25 percent of the new bus cost up to \$22,000
- Received applications from 67 entities for the replacement of 137 eligible buses
  - 64 public schools (130 buses)
  - 3 privately-owned school bus contractors (7 buses)
  - Includes 29 replacements under DERA
  - 16 buses withdrawn for various reasons

## Financially Disadvantaged Districts (FDDs)

- The Department used data from the Department of Elementary and Secondary Education (DESE) and Missouri State Highway Patrol (MSHP) to determine the schools most in need of a new, fully funded school bus
- 28 FDDs are receiving up to \$100,000 to replace an old, eligible bus
- VW Trust funding approximately \$2.7 million

## School Buses FY2019 Results:

- 150 school bus replacement projects
- 63 tons of NO<sub>x</sub> emissions reduction

<b>School Buses</b>	
<b>Funding Category</b>	<b>Total Emissions Reduction:</b>
VW Category 1:	40.87 tons
VW Category 1 FDD:	10.18 tons
VW Category 7:	2.94 tons
State Clean Diesel:	8.03 tons
<b>All School Bus Categories:</b>	<b>63.67 tons</b>

## Government Trucks FY2019 Results:

- Application period opened November 20, 2018 through January 11, 2019
- Received 56 applications
- 162 applied-for projects in Round 1a, with 33 revisions in Round 1b
- 35 awarded projects totaling over \$1,600,000 and over 48 tons of NO<sub>x</sub>

<b>Round 1a: Government Trucks</b>	
<b>Total Funding Awarded</b>	<b>\$579,242</b>
<b>Projects Awarded</b>	<b>10</b>
<b>Total NO<sub>x</sub> Reduction (tons)</b>	<b>18.88</b>

<b>Round 1b: Government Trucks</b>	
<b>Total Funding Awarded</b>	<b>\$1,034,630</b>
<b>Projects Awarded</b>	<b>25</b>
<b>Total NO<sub>x</sub> Reduction (tons)</b>	<b>29.34</b>

## Transit and Shuttle Buses FY2019 Results:

- Application period opened November 20, 2018 through January 11, 2019
- Received 4 applications
- 12 applied-for projects in Round 1a with 2 revisions for Round 1b
- 5 projects awarded totaling over \$460,000 and over 16 tons of NO<sub>x</sub>

<b>Round 1a: Transit and Shuttle</b>	
<b>Total Funding Awarded</b>	<b>\$392,000</b>
<b>Projects Awarded</b>	<b>4</b>
<b>Total NO<sub>x</sub> Reduction (tons)</b>	<b>15.04</b>

<b>Round 1b: Transit and Shuttle</b>	
<b>Total Funding Awarded</b>	<b>\$75,000</b>
<b>Projects Awarded</b>	<b>1</b>
<b>Total NO<sub>x</sub> Reduction (tons)</b>	<b>1.66</b>

## Department of Corrections FY2019 Results:

- 9 projects submitted to the air program
- Over 26 tons of NO<sub>x</sub> emissions reduction through the replacement of:
  - 4 Medium Trucks (GVWR<33,000 lbs)
  - 4 Large Trucks (GVWR>33,000 lbs)
  - 1 Transport Bus

<b>Department of Corrections</b>	
<b>Total Funding Awarded</b>	<b>Up to \$1,000,000</b>
<b>Projects Submitted</b>	<b>9</b>
<b>Total NO<sub>x</sub> Reduction (tons)</b>	<b>26.31</b>

## Electric Vehicle Infrastructure Workgroup

- Kickoff meeting November 29, 2018
  - Three subgroups formed:
    - Goals, Roadmap and Milestones
    - Barriers and Development
    - Strategies for Implementation and Deployment
  - Each subgroup led by a stakeholder
- Second meeting March 22, 2019
  - Report on complete work

# Electric Vehicle Infrastructure Workgroup

## Recall:

- Beneficiary Mitigation Plan allocates maximum 15% (about \$6 mil) allowed to light-duty zero emission vehicle infrastructure projects
- Stakeholders supported:
  - Electric vehicle infrastructure (not hydrogen)
  - Focus on highway corridors first

# Tentative Plans for FY2020

July 1, 2019 – June 30, 2020

- Meet reporting obligations on funds spent in accordance with the trust agreement
- Gather stakeholder input on implementation guidelines for remaining categories
- Open application period for remaining categories in the coming months
- Participate in EPA DERA grant program

## FY2020 Appropriations

- Current Budget includes:
  - \$13.5 million for distribution under Missouri’s Beneficiary Mitigation Plan
  - \$1 million for replacement of Department of Corrections’ fleet
- Funding amounts for each award category will be based on applications received and amounts allocated in MO’s BMP

## Tentative Application Schedule

- July/August – Final call for applications in target areas for:
  - Government Trucks
  - Transit/Shuttle Buses
- September/October – Open application period for:
  - Non-government Trucks (target areas)
  - Locomotive and Marine
  - Airport and Cargo Equipment
  - DERA

## FY19 DERA – Program Year 2020

- Missouri will participate in EPA FY19 DERA grant program
- Eligible diesel vehicles, engines and equipment may include school buses, Class 5 – Class 8 heavy-duty highway vehicles, marine engines, locomotives and nonroad engines, equipment or vehicles used in construction, handling of cargo (including at a port or airport), agriculture, mining or energy production (including stationary generators and pumps)

	Est. Base	Est. Matching
Funding Amount	\$323,511	\$161,756
Total Funding	\$485,267	

**Air**

- Advisory Group and Current Issues
- Air Conservation Commission
- Air Pollution Control Program
- Air Quality
- Asbestos
- Gateway Vehicle Inspection Program
- Monitoring
- Permits

**Land**

**Missouri State Parks**

**Recycling & Waste**

**Water**



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Department of Natural Resources hosts



## Volkswagen Trust Funds

The State of Missouri is a beneficiary of The Volkswagen Diesel Emissions Environmental Mitigation Trust (VW Trust). As the lead agency, the Missouri Department of Natural Resources developed a 10-year Beneficiary Mitigation Plan for awarding over \$41 million to Missouri-specific projects by October 2027.



**Get Updates  
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### Upcoming meetings

May 30 - 1:30 pm

Elm Street Conference Center

1730 E Elm St. - Lower Level

Jefferson City

**Agenda**

Find current and historical information and reports concerning the VW Trust funds by category:

**DERA  
Funding**



**School Buses**



**Transit and  
Shuttle Buses**



**Government  
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**QAPP Template**

**Air Pollution Compliance/Regulatory  
Assistance**

**State Plans and Boundary Designations**

**Vapor Recovery Information and  
Compliance Requirements**

**Volkswagen Trust**

### Contact Information

**Air Pollution Control Program**

P.O. Box 176

Jefferson City, MO 65102

800-361-4827

## Questions?

### Contact Information:

Missouri Department of Natural Resources

Air Pollution Control Program

Volkswagen Team

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[dnr.mo.gov/env/apcp/vw](http://dnr.mo.gov/env/apcp/vw)

