

# **Environmental Mitigation Trust Agreement for State Beneficiaries: Semi-Annual Report**

Reporting Period:

July 1, 2024 through December 31, 2024

Submitted on January 21, 2025

Missouri Department of Natural Resources

**The Missouri Department of Natural Resources updated the Beneficiary Mitigation Plan (BMP) to correct the funding contingency measure and account for monetary interest earned on the funds. The Consent Decree that establishes the Volkswagen Trust identifies the ten Eligible Mitigation Actions (EMA's), which defines what projects are eligible for funding. The original BMP restructured these ten EMA's into eight distinct categories, combining some EMA's and separating others based on expected public interest.**

**The updated BMP restructures Missouri's original funding categories to eliminate overlap between categories and facilitate the redistribution of funding between categories. The Medium- and Heavy-duty trucks category were consolidated from the former Government and Nongovernment trucks categories. This category includes subcategories from Government and Nongovernment trucks, and a new subcategory dedicated to Emergency Vehicles. The Other Eligible Projects category includes the consolidated Transit and Shuttle Bus, Locomotive and Marine, and Airport and Cargo Handling categories.**

#### **Category 1: School Buses: EMA 2**

The department opened the Category 1 application period from July 28, 2021, thru October 12, 2021, and selected projects by lottery. The department awarded 85 projects totaling \$4,072,432, and 85 projects are now completed. The department disburses the awarded amounts only upon completion of each project. A project is complete when the new bus is delivered, the old bus is disabled, and proof of payment is verified.

#### **Category 2: Government Owned Medium and Large Trucks: EMA 6, EMA 1**

The department opened the Category 2 application period from July 28, 2021, thru October 12, 2021, and selected the highest scoring projects for funding. The department used a ranking system based on estimated NO<sub>x</sub> reduction, cost-effectiveness, and area of operation. The department awarded 17 government owned projects totaling \$910,454, and 15 projects are now completed. One applicant withdrew 2 projects from funding eligibility. The department disburses the awarded amounts only upon completion of each project. A project is complete when the new truck is delivered, the old truck is disabled, and proof of payment is verified.

#### **Category 2: Emergency Vehicles Owned Medium and Large Trucks: EMA 6, EMA 1**

The department opened the Category 2 application period from July 28, 2021, thru October 12, 2021, and selected the highest scoring projects for funding. The department used a ranking system based on estimated NO<sub>x</sub> reduction, cost-effectiveness, and area of operation. The department awarded 12 emergency vehicle projects totaling \$1,404,000, and 12 projects are now completed. The department disburses the awarded amounts only upon completion of each project. A project is complete when the new truck is delivered, the old truck is disabled, and proof of payment is verified.

#### **Category 3: Transit and Shuttle Buses: EMA 2**

The department opened the Category 3 application period from July 28, 2021, thru October 12, 2021, and selected the highest scoring projects for funding using a ranking system based on NO<sub>x</sub> reduction, cost-effectiveness, and area of operation. The department did not receive any applications in this category during the application period.

#### **Category 4: Nongovernment Owned Medium and Large Trucks: EMA 6, EMA 1**

The department opened the Category 4 application period from July 28, 2021, thru October 12, 2021, and selected the highest scoring projects for funding using a ranking system based on NO<sub>x</sub> reduction, cost-effectiveness, and area of operation. The department awarded 62 nongovernment owned projects totaling \$1,774,940, and 56 projects are now completed. The department disburses the awarded amounts only upon completion of each project. A project is complete when the new truck is delivered, the old truck is disabled, and proof of payment is verified.

**Category 5: Locomotive and Marine: EMA 3, EMA 4**

The department opened the Category 5 application period from July 28, 2021, thru October 12, 2021, and selected the highest scoring projects for funding using a randomized selection method weighted by estimated NO<sub>x</sub> reduction. This category includes EMA 3 for switch locomotives and EMA 4 for marine engine repowers; however, the air program did not receive any applications for projects falling under EMA 3. The department awarded one EMA 4 project totaling \$470,000. The project is complete. A project is complete when the new engines are installed, old engines are disabled, and proof of payment is verified.

**Category 6: Airport and Cargo Handling Equipment: EMA 7, EMA 8**

The department opened the Category 6 application period from July 28, 2021, thru October 12, 2021, and selected the highest scoring projects for funding using a randomized selection method weighted by estimated NO<sub>x</sub> reduction. This category includes EMA 7 for airport ground support equipment and EMA 8 for forklifts and port cargo handling equipment. The department awarded 13 EMA 7 projects totaling \$530,000, and 13 projects are now completed. A project is complete when the new equipment is delivered, the old equipment is disabled, and proof of payment is verified.

**Category 7: DERA Option: EMA 10**

The department opened the Category 7 application period from June 10, 2024 thru July 31, 2024, and selected projects by lottery. The department awarded 22 projects totaling \$1,102,659.33, and 2 projects are now completed. The Department disburses the awarded amounts only upon completion of each project. A project is complete when the new vehicle is delivered, the old vehicle is disabled, and proof of payment is verified.

**Category 8: EV Charging Station: EMA 9**

The department accepted applications from July 12, 2022, thru October 12, 2022. This funding period is for the installation of direct current fast chargers (DCFC) at specific locations to work toward the stakeholder goal of creating a minimum practical highway-charging network. The department awarded 10 projects totaling \$2,653,520, and 10 projects are now completed. The Department disburses the awarded amounts only upon completion of each project. A project is complete when the charging station is installed, available for public use, and proof of payment verified.

Category 1: School Buses	Total Funding Awarded	Total Awarded Projects	New Fuel Type	Est. Lifetime NO <sub>x</sub> Reduction (tons)	Total Projects Complete	Allocations From Trust This Period	Funding Disbursed This Period
<b>Total:</b>	\$ 4,072,432.00	85	Diesel Electric Propane	211.000	85	\$ -	\$ 9,092.42

Category 2: Government Owned Trucks (Class 4-8)	Total Funding Awarded	Total Awarded Projects	New Fuel Type	Est. Lifetime NO <sub>x</sub> Reduction (tons)	Total Projects Complete	Allocations From Trust This Period	Funding Disbursed This Period
Medium (Class 4-7) (50% Cost Share)	\$ 74,620.00	4	Diesel	2.310	4	\$ 120,000.00	\$ 124,661.79
Large (Class 8) (50% Cost Share)	\$ 593,025.00	13	Diesel	17.595	11	\$ -	\$ 60,000.00
<b>Total:</b>	\$ 667,645.00	17		19.905	15	\$ 120,000.00	\$ 184,661.79

Category 2: Emergency Vehicles Trucks (Class 4-8)	Total Funding Awarded	Total Awarded Projects	New Fuel Type	Est. Lifetime NO <sub>x</sub> Reduction (tons)	Total Projects Complete	Allocations From Trust This Period	Funding Disbursed This Period
Medium (Class 4-7) (50% Cost Share)	\$ 478,007.00	4	Diesel	0.298	4	\$ -	\$ -
Large (Class 8) (50% Cost Share)	\$ 924,000.00	8	Diesel	2.174	8	\$ 333,238.45	\$ 360,171.37
<b>Total:</b>	\$ 1,402,007.00	12		2.472	12	\$ 333,238.45	\$ 360,171.37

Category 3: Transit Buses, Shuttle Buses	Total Funding Awarded	Total Awarded Projects	New Fuel Type	Est. Lifetime NO <sub>x</sub> Reduction (tons)	Total Projects Complete	Allocations From Trust This Period	Funding Disbursed This Period
Medium (Class 4-7) (50% Cost Share)	\$ -	0	0	0.000	0	\$ -	\$ 2,933.46

Category 4: Nongovernment Owned Trucks (Class 4-8)	Total Funding Awarded	Total Awarded Projects	New Fuel Type	Est. Lifetime NO <sub>x</sub> Reduction (tons)	Total Projects Complete	Allocations From Trust This Period	Funding Disbursed This Period
Medium (Class 4-7) (25% Cost Share)	\$ 160,002.00	8	Diesel Propane	11.094	8	\$ -	\$ 127,152.00
Large (Class 8) (25% Cost Share)	\$ 1,614,938.00	54	Diesel Propane	228.040	48	\$ 487,175.00	\$ 774,620.79
<b>Total:</b>	\$ 1,774,940.00	62		239.134	56	\$ 487,175.00	\$ 901,772.79

<b>Category 5: Locomotive and Marine</b>	<b>Total Funding Awarded</b>	<b>Total Awarded Projects</b>	<b>New Fuel Type</b>	<b>Est. Lifetime NO<sub>x</sub> Reduction (tons)</b>	<b>Total Projects Complete</b>	<b>Allocations From Trust This Period</b>	<b>Funding Disbursed This Period</b>
<b>Marine Repowers (40% Cost Share)</b>	\$ 470,000.00	1	Diesel	204.210	1	\$ -	\$ 220,488.46

<b>Category 6: Airport and Cargo Equipment</b>	<b>Total Funding Awarded</b>	<b>Total Awarded Projects</b>	<b>New Fuel Type</b>	<b>Est. Lifetime NO<sub>x</sub> Reduction (tons)</b>	<b>Total Projects Complete</b>	<b>Allocations From Trust This Period</b>	<b>Funding Disbursed This Period</b>
<b>Cargo Equipment (50% Cost Share)</b>	\$ 530,000.00	13	All-electric	36.720	13	\$ -	\$ 1,612.40

<b>Category 7: DERA Option</b>	<b>Total Funding Awarded</b>	<b>Total Awarded Projects</b>	<b>New Fuel Type</b>	<b>Est. Lifetime NO<sub>x</sub> Reduction (tons)</b>	<b>Total Projects Complete</b>	<b>Allocations From Trust This Period</b>	<b>Funding Disbursed This Period</b>
<b>Nonroad Equipment</b>	\$ -	1	Diesel	7.128		\$ -	\$ -
<b>Onroad Equipment</b>	\$ -	6	Diesel	3.564		\$ -	\$ -
<b>School Buses</b>	\$ -	15	Diesel Gasoline	19.440	2	\$ -	\$ 22,500.00
<b>Total:</b>	\$ 1,102,659.33	22		30.132	2	\$ -	\$ 22,500.00

<b>Category 8: EV Charging Stations</b>	<b>Total Funding Awarded</b>	<b>Total Awarded Projects</b>	<b>New Fuel Type</b>	<b>Est. Lifetime NO<sub>x</sub> Reduction (tons)</b>	<b>Total Projects Complete</b>	<b>Allocations From Trust This Period</b>	<b>Funding Disbursed This Period</b>
<b>Total:</b>	\$ 2,653,520.00	10	All-electric	n/a	10	\$ 156,200.00	\$ 164,656.21

Category	Total Funding Awarded	Total Awarded Projects	New Fuel Type	Est. Lifetime NOx Reduction (tons)	Total Projects Complete	Allocations From Trust This Period	Funding Disbursed This Period
<b>Total:</b>	\$ 12,673,203.33	222	Diesel, Propane, Electric	743.573	192	\$ 1,096,613.45	\$ 1,867,888.90
<b>EMA 1 Category 2, 4</b>	\$ 3,131,963.00	75	Diesel, Propane, Electric	247.809	67	\$ 820,413.45	\$ 1,194,792.16
<b>EMA 2 Category 1,3</b>	\$ 4,072,432.00	85	Diesel	211.000	85	\$ -	\$ 12,025.88
<b>EMA 4 Category 5</b>	\$ 470,000.00	1	Diesel	204.210	1	\$ -	\$ 220,488.46
<b>EMA 6 Category 2, 4</b>	\$ 712,629.00	16	Diesel	13.702	16	\$ 120,000.00	\$ 251,813.79
<b>EMA 8 Category 6</b>	\$ 530,000.00	13	All-Electric	36.720	13	\$ -	\$ 1,612.40
<b>EMA 9 Category 8</b>	\$ 2,653,520.00	10	All-Electric	n/a	10	\$ 156,200.00	\$ 164,656.21
<b>EMA 10 Category 7</b>	\$ 1,102,659.33	22	Diesel	30.132	0	\$ -	\$ 22,500.00

Eligible Mitigation Action	Allocations From Trust This Period	Project Costs	Administrative Costs
<b>Total:</b>	\$ 1,216,613.45	\$ 1,831,349.20	\$ 36,539.70
<b>EMA 1:</b>	\$ 940,413.45	\$ 1,188,754.70	\$ 10,527.88
<b>EMA 2:</b>	\$ -	\$ -	\$ 12,025.88
<b>EMA 4:</b>	\$ -	\$ 220,342.50	\$ 145.96
<b>EMA 6:</b>	\$ 120,000.00	\$ 247,152.00	\$ 171.37
<b>EMA 7:</b>	\$ -	\$ -	\$ 1,612.40
<b>EMA 8:</b>	\$ -	\$ -	\$ -
<b>EMA 9:</b>	\$ 156,200.00	\$ 152,600.00	\$ 12,056.21
<b>EMA 10:</b>	\$ -	\$ 22,500.00	\$ -

<p>This information is true and correct and the submission is made under penalty of perjury.</p>	<hr/> <p>Stephen M. Hall, Air Pollution Control Program Director</p>
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