

Volkswagen Diesel Emissions Environmental Mitigation Trust  
for State Beneficiaries, Puerto Rico, and the District of Columbia  
c/o Wilmington Trust, N.A. as Trustee  
Wilmington Trust, National Association  
Rodney Square North  
1100 North Market Street  
Attn: Capital Markets & Agency Services  
Wilmington, DE 19890

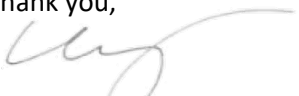
To Whom It May Concern:

The State of Oklahoma certified its beneficiary status under the Volkswagen Environmental Mitigation Trust Agreement for State Beneficiaries (Agreement) on January 29, 2018, and the Oklahoma Department of Environmental Quality (DEQ) was concurrently designated as Oklahoma's lead agency. As such, the State of Oklahoma must comply with the beneficiary reporting obligations as described in Section 5.3 of the Agreement. The State of Oklahoma, through DEQ, received the first disbursement of Trust Assets on September 28, 2018, triggering the beginning of semiannual reporting requirements.

During the reporting period of January 1, 2021 to June 30, 2021, the State of Oklahoma, through DEQ, continued projects in five Eligible Mitigation Action categories from Appendix D-2 of the Agreement: Category 1 (Class 8 Local Freight Trucks and Port Drayage Trucks), Category 2 (Class 4-8 Eligible Buses), Category 6 (Class 4-7 Local Freight Trucks), Category 9 (Light-Duty Zero Emission Vehicle Supply Equipment), and Category 10 (DERA Option). As lead agency on behalf of the beneficiary, DEQ is submitting the attached reports, along with its DERA Quarterly Programmatic Reports, in satisfaction of the State of Oklahoma's beneficiary obligations under Section 5.3 of the Agreement. Per Section 5.3 of the Agreement, DEQ is also including the required attestation below.

If you have any further questions regarding this report, please contact Heather Lerch at 405-702-4100.

Thank you,




Kendal Stegmann, Division Director  
[Kendal.Stegmann@deq.ok.gov](mailto:Kendal.Stegmann@deq.ok.gov)

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**Attestation:**

I attest that the information contained in this letter and the attached reports are true and correct, and acknowledge that this submission is made under penalty of perjury.



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Kendal Stegmann, Division Director  
Air Quality Division, Oklahoma Department of Environmental Quality

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# VOLKSWAGEN ENVIRONMENTAL MITIGATION TRUST SEMIANNUAL REPORT

**BENEFICIARY:** State of Oklahoma

**LEAD AGENCY:** Oklahoma Department of Environmental Quality

**REPORTING PERIOD:** January 1, 2021 – June 30, 2021

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## I. INTRODUCTION

The State of Oklahoma certified its beneficiary status under the Volkswagen Environmental Mitigation Trust Agreement for State Beneficiaries (Agreement) on January 29, 2018, and the Oklahoma Department of Environmental Quality (DEQ) was concurrently designated as lead agency for the State of Oklahoma. As such, the State of Oklahoma must comply with the beneficiary reporting obligations as described in Section 5.3 of the Agreement. The State of Oklahoma, through DEQ, received the first disbursement of Trust Assets on September 28, 2018, triggering the beginning of semiannual reporting requirements.

During the reporting period of January 1, 2021 to June 30, 2021, the State of Oklahoma, through DEQ, continued with projects in five Eligible Mitigation Action categories from Appendix D-2 of the Agreement: Category 1 (Class 8 Local Freight Trucks and Port Drayage Trucks), Category 2 (Class 4-8 Eligible Buses), Category 6 (Class 4-7 Local Freight Trucks), Category 9 (Light-Duty Zero Emission Vehicle Supply Equipment), and Category 10 (DERA Option). Section II of this report details the progress and status of these programs during the applicable reporting period. Section III provides an overview of Oklahoma's allocated portion of the State Mitigation Trust (Trust) in relation to allowed percentages in the Agreement and in the Oklahoma Beneficiary Mitigation Plan (BMP). Additional materials providing further detail on development and implementation of current programs appear in the provided Appendices. More information can be found on the Oklahoma Volkswagen Settlement webpage, <https://www.deq.ok.gov/air-quality-division/volkswagen-settlement/>.

## II. INDIVIDUAL PROGRAM STATUS AND PROJECT PROGRESS SUMMARIES

### A. OKLAHOMA CLEAN DIESEL PROGRAM

Oklahoma has elected to take advantage of the Diesel Emissions Reduction Act (DERA) Option in Section 10 of Appendix D-2 of the Agreement; The Oklahoma Clean Diesel Program represents Oklahoma's participation in the DERA program. The website for the Oklahoma Clean Diesel Program is <https://www.deq.ok.gov/air-quality-division/clean-diesel-dera/>

Oklahoma is currently involved in two DERA funding grants: Grant #DS-01F65501-0 covers the FY19 Oklahoma Clean Diesel Program and Grant #DS-01F65501-1 covers the FY20 Oklahoma Clean Diesel Program. DEQ is submitting its DERA Quarterly Programmatic Reports in satisfaction of its reporting obligations under Section 5.3 of the Agreement. Please see Appendix A of this report to view the most recent DERA quarterly reports. More details on these programs are below.

**1. FY19 DERA**

DEQ was awarded \$480,177 on September 9, 2019 by EPA for the FY19 DERA program. DEQ submitted an advanced D-4 to the Trust for \$320,118.00, with Project ID# DS-01F65501-0, on September 26, 2019. This D-4 was approved on November 26, 2019. One Attachment A for this program was submitted during a previous reporting period for \$38,475. Additional Attachment As totaling \$280,004.90 were submitted during this reporting period. To date, DEQ has requested to draw down \$318,479.90 of the \$320,118.00 associated with this D-4.

During this project period, DEQ also closed out D-4 with project ID # DS-01F65501-0, and a refund for the remainder was sent to the Trust in March 2021. Amounts that were refunded include:

- \$ 1,167.30 that was never on a Purchase Order
- \$10,407.93 Administrative Funds

The FY19 Oklahoma Clean Diesel Program focuses on replacing diesel school buses of EMY 1996-2009 with new gasoline or new diesel school buses. During this reporting period, one project partner, Fort Towson Public Schools, completed its projects and received reimbursement. Thirty old buses have been replaced with 30 new diesel buses. Because the FY19DERA program is part of a 2-year grant, it shares a project end date with FY20 DERA of December 30, 2022.

**TABLE 1: FY19 DERA ESTIMATED PROJECT COSTS VS. ACTUAL PROJECT COSTS (continued on next page)**

*Blank fields indicate that projects are still in progress and amounts are not yet known. Dashes indicate a zero value.*

Project Description	Project Partner	Estimated Project Amount	Estimated Amount To Be Funded by Trust	Actual Amount Funded by Trust	Difference*	Actual Amount Drawn from Trust	Actual Amount to Return as of this Date
Replacement of two 2002, one 2003, five 2008, and two 2009 diesel school buses with ten EPA-certified 2018 or newer school buses	Edmond Public Schools	239,607.50	95,843.00	95,843.00	0.00	95,843.00	-
Replacement of one 1998 diesel school bus with one EPA-certified 2018 or newer school bus	Davenport Public Schools	40,930.00	16,372.00	15,969.90	(402.10)	16,372.00	402.10
Replacement of one 1999, one 2001, and one 2002 diesel school buses with three EPA-certified 2018 or newer school buses	Mustang Public Schools	62,907.75	25,163.10	25,163.10	(0.00)	25,163.10	-
Replacement of one 2008 and one 2009 diesel school buses with two EPA-certified 2018 or newer school buses	Noble Public Schools	42,500.00	17,000.00	17,000.00	0.00	17,000.00	-
Replacement of one 1997 and one 2000 diesel school buses with two EPA-certified 2018 or newer school buses	Boswell Public Schools	45,000.00	18,000.00	17,529.20	(470.80)	17,529.20	-
Replacement of two 2002 diesel school buses with two EPA-certified 2018 or newer school buses	Washington Public Schools	39,963.50	15,985.40	15,985.40	(0.00)	15,985.40	-
Replacement of one 1998 diesel school bus with one EPA-certified 2018 or newer school bus	Lexington Public Schools	22,500.00	9,000.00	7,556.00	(1,444.00)	9,000.00	1,444.00
Replacement of two 2005 diesel school buses with two EPA-certified 2018 or newer school buses	Middleberg Public Schools	43,804.00	17,521.60	17,521.60	(0.00)	17,521.60	-
Replacement of one 2002 diesel school bus with one EPA-certified 2018 or newer school bus	Bishop Public Schools	20,920.50	8,368.20	8,368.20	0.00	8,368.20	-

Project Description	Project Partner	Estimated Project Amount	Estimated Amount To Be Funded by Trust	Actual Amount Funded by Trust	Difference*	Actual Amount Drawn from Trust	Actual Amount to Return as of this Date
Replacement of one 1999 diesel school bus with one EPA-certified 2018 or newer school bus	Silo Public Schools	25,000.00	10,000.00	9,994.36	(5.64)	10,000.00	5.64
Replacement of one 2004, one 2005, and one 2009 diesel school buses with three EPA-certified 2018 or newer school buses	Fort Towson Public Schools	59,750.00	23,900.00	23,900.00	0.00	23,900.00	-
Replacement of one 1996 diesel school bus with one EPA-certified 2018 or newer school bus	Enid Public Schools	38,317.00	15,326.80	14,901.50	(425.30)	15,326.80	425.30
Replacement of one 2008 diesel school bus with one EPA-certified 2018 or newer school bus	Mounds Public Schools	19,989.00	7,995.60	7,995.60	0.00	7,995.60	-
-	Amount in Original Estimate - never on a PO	0.00	1,167.30	0.00	(1,167.30)	-	-
-	<b>Administrative</b>	96,187.00	38,475.00	28,067.07	10,407.93	38,475.00	10,407.93
-	<b>TOTALS</b>	<b>797,376.25</b>	<b>320,118.00</b>	<b>305,794.93</b>	<b>6,492.79</b>	<b>318,479.90</b>	<b>12,684.97</b>

## 2. FY20 DERA

DEQ was awarded \$507,011 on September 27, 2020 by EPA for the FY20 DERA program. DEQ submitted an advanced D-4 to the Trust for \$338,007.00, with Project ID# DS-01F65501-1, on October 8, 2020 and approval was received on November 17, 2020. One Attachment A for \$24,170.00 was submitted for this D-4 on April 2, 2021 and approved on April 8, 2021.

The FY20 Oklahoma Clean Diesel Program focuses on replacing diesel school buses of EMY 1996-2009 with new gasoline or new diesel school buses. During this reporting period, fifteen entities were selected to receive awards. Twelve of the project partners are currently in the project implementation phase, three project partners have put in a request for reimbursement and are currently being processed. As a result of this program, DEQ anticipates that 26 old diesel school buses will be replaced with 26 new diesel or gasoline school buses throughout the state. Because the FY20DERA program is part of a 2-year grant, it shares a project end date with FY19 DERA of December 30, 2022.

**TABLE 2: FY20 DERA ESTIMATED PROJECT COSTS VS. ACTUAL PROJECT COSTS (continued on next page)**

Blank fields indicate that projects are still in progress and amounts are not yet known. Dashes indicate a zero value.

Project Description	Project Partner	Estimated Project Total	Estimated Amount To Be Funded by Project Partner	Estimated Amount to be Funded by EPA	Estimated Amount To Be Funded by Trust	Actual Project Total	Actual Amount Funded by Project Partner	Actual Amount to be Funded by EPA	Actual Project Total Funded by Trust	Actual Amount Drawn from Trust	Actual Amount to Return as of this Date
Other / Bus Replacements	TBD	1,201,990.00	901,492.50	180,298.30	120,199.20						
Replacement of one 2006 diesel school bus with one EPA-certified 2018 or newer school bus	Zaneis Public Schools	81,836.00	61,377.00	12,275.40	8,183.60						
Replacement of one 2004 diesel school bus with one EPA-certified 2018 or newer school bus	Fairland Public Schools	76,000.00	57,000.00	11,400.00	7,600.00						

Project Description	Project Partner	Estimated Project Total	Estimated Amount To Be Funded by Project Partner	Estimated Amount to be Funded by EPA	Estimated Amount To Be Funded by Trust	Actual Project Total	Actual Amount Funded by Project Partner	Actual Amount to be Funded by EPA	Actual Project Total Funded by Trust	Actual Amount Drawn from Trust	Actual Amount to Return as of this Date
Replacement of one 1999 diesel school bus with one EPA-certified 2018 or newer school bus	Enid Public Schools	153,500.00	115,125.00	23,025.00	15,350.00						
Replacement of one 2002 and one 2004 diesel school buses with two EPA-certified 2018 or newer school buses	Kingfisher Public Schools	160,000.00	120,000.00	24,000.00	16,000.00						
Replacement of one 2005 diesel school bus with one EPA-certified 2018 or newer school bus	Shady Grove Public Schools	78,800.00	59,100.00	11,820.00	7,880.00						
Replacement of one 2002 and one 2003 diesel school buses with two EPA-certified 2018 or newer school buses	Talihina Public Schools	78,700.00	59,025.00	11,805.00	7,870.00						
Replacement of one 1999 diesel school bus with one EPA-certified 2018 or newer school bus	Taloga Public Schools	84,920.00	63,690.00	12,738.00	8,492.00						
Replacement of two 2002 and one 2004 diesel school buses with three EPA-certified 2018 or newer school buses	Mustang Public Schools	284,499.00	213,374.25	42,674.85	28,449.90						
Replacement of one 2004 diesel school bus with one EPA-certified 2018 or newer school bus	Cave Springs Public Schools	79,529.00	59,646.75	11,929.35	7,952.90						
Replacement of one 2007 diesel school bus with one EPA-certified 2018 or newer school bus	Allen Public Schools	106,969.00	80,226.75	16,045.35	10,696.90						
Replacement of one 2007 diesel school bus with one EPA-certified 2018 or newer school bus	Central High Public Schools	75,816.00	56,862.00	11,372.40	7,581.60						
Replacement of one 1996 diesel school bus with one EPA-certified 2018 or newer school bus	Mannford Public Schools	84,000.00	63,000.00	12,600.00	8,400.00						
Replacement of one 1998 and one 2002 diesel school buses with two EPA-certified 2018 or newer school buses	Miami Public Schools	164,416.00	123,312.00	24,662.40	16,441.60						
Replacement of one 2000, two 2004, and one 2005 diesel school buses with four EPA-certified 2018 or newer school buses	Yukon Public Schools	339,572.00	254,679.00	50,935.80	33,957.20						
Replacement of one 1999 diesel school bus with one EPA-certified 2018 or newer school bus	Claremore Public Schools	87,821.00	65,865.75	13,173.15	8,782.10						
	<b>Administrative</b>	<b>60,426.00</b>	-	<b>36,256.00</b>	<b>24,170.00</b>	19,274.97	-	<b>10,519.67</b>	<b>8,755.30</b>	24,170.00	
	<b>Project Totals</b>	<b>3,198,794.00</b>	<b>2,353,776.00</b>	<b>507,011.00</b>	<b>338,007.00</b>	19,274.97	-	<b>10,519.67</b>	<b>8,755.30</b>	<b>24,170.00</b>	-
	<b>Percentage</b>	<b>100%</b>	<b>73.58%</b>	<b>15.85%</b>	<b>10.57%</b>	<b>100%</b>	<b>0.00%</b>	<b>54.58%</b>	<b>45.42%</b>		

### **3. FY21 DERA**

During the reporting period of January 1, 2021 to June 30, 2021, Oklahoma applied for the FY21 DERA program. DEQ expects to receive the award and submit the associated advanced D-4 funding request during the next reporting period. The workplan for the FY21 DERA program, as submitted to EPA on April 15, 2020, is attached as Appendix B of this document

## **B. OKLAHOMA ALTERNATIVE FUEL SCHOOL BUS PROGRAM**

The Oklahoma Alternative Fuel School Bus Program was launched in November of 2018. This program replaces diesel school buses of EMY 2009 or older with new alternative fuel school buses, and functions as a competitive reimbursement grant program. Eligible fuels for this program include electric, CNG, and propane/LPG. The website for the Oklahoma Alternative Fuel School Bus Program can be found at the following link: <https://www.deq.ok.gov/air-quality-division/volkswagen-settlement/alternative-fuel-school-bus-program/>. This program was budgeted to be fully funded by the Volkswagen Trust.

### **1. FY2019 (YEAR TWO) ALTERNATIVE FUEL SCHOOL BUS PROGRAM**

The advance D-4 for this round of funding, with project ID # OK-AFSB-2, was submitted on October 8, 2019 and approved on December 9, 2019. An amendment was submitted on October 8, 2020 to pull in leftover funds from D-4 with project ID # OK-AFSB-1 and to extend the project timeline to allow for an additional application period and round of funding. This amendment was approved on November 9, 2020. The additional round of funding became the FY2020 Alternative Fuel School Bus Program. The amended total for the D-4 submitted on October 8, 2020 was \$3,031,403.62.

During this reporting period, one Attachment A funding request was submitted on April 6, 2021 and approved on April 8, 2021 for \$225,887.00, and one Attachment A funding request was submitted on June 10, 2021 for \$125,257.23. The termination date for these projects is September 1, 2022.

A grant solicitation for this program (included in a previous semiannual report) was published on October 22, 2019, which officially opened the application period. Eleven applications were accepted during the application period, which closed on December 6, 2019. After review by the scoring committee, all accepted applications were approved for funding.

During this project period, two awardees completed their projects: one school was reimbursed and the other is being processed for their reimbursement. Two of the remaining awardees have made significant progress on their projects and expect to be completed during the next project period. Unfortunately, there are still some delays relating to the COVID-19 pandemic and two other remaining schools have not had progress on their projects.

*The projects under years 2 and 3 for this program are combined in the summary table (Table 3) because they stem from the same D-4.*

### **2. FY2020 (YEAR 3) ALTERNATIVE FUEL SCHOOL BUS PROGRAM**

This round of projects was funded through an amendment to D-4 # OK-AFSB-2. This D-4 was submitted on October 8, 2019 and approved on December 9, 2019. An amendment was submitted on October 8, 2020 to pull in leftover funds from D-4 with project ID # OK-AFSB-1, and

to extend the project timeline to allow for an additional application period and round of funding. The amendment was approved on November 9, 2020. The additional round of funding became the FY2020 Alternative Fuel School Bus Program. The amended total for the D-4 submitted on October 8, 2020 was \$3,031,403.62.

Another grant solicitation for more alternatively fueled school bus projects was published on October 7, 2020. The application period was open until close of business on December 4, 2020. Three applications were received during this project period and scored by the scoring committee. During this reporting period, one awardee completed their project, and their reimbursement is currently being processed. One of the remaining two awardees is approaching completion and expects to request their reimbursement in the next reporting period.

**TABLE 3: FY 2019 (YEAR 2) AND FY 2020 (YEAR 3) ALTERNATIVE FUEL SCHOOL BUS PROJECT SUMMARIES (continued on next page)**

*Blank fields indicate that projects are still in progress and amounts are not yet known. Dashes indicate a zero value.*

Project Description	Project Partner	Estimated Project Total	Estimated Amount To Be Funded by Project Partner	Estimated Amount To Be Funded by Trust	Actual Project Total to date	Actual Amount Funded by Project Partner to date	Actual Project Total Funded by Trust to date	Actual Amount Drawn from Trust to Date	Actual Amount to Return as of to Date
17 Type C propane (LPG) powered school buses with a capacity between 48-77 passengers priced at an average of \$90,000 for each bus	TBD	1,004,705.81	434,312.05	570,393.76					
Replacement of five diesel school buses (EMVs 1996, 1999, 2004, 2005, and 2008) with five EPA-certified 2019 or newer Propane/LPG school buses	Anadarko Public Schools	467,840.96	240,750.96	227,090.00					
Replacement of five diesel school buses (EMVs 2001, 2004, 2004, 2005, and 2008) with five EPA-certified 2019 or newer Propane/LPG school buses	Battiest School	460,973.47	235,096.47	225,877.00	460,867	235,042.17	225,824.83	225,877.00	
Replacement of two diesel school buses (EMVs 2000 and 2004) with two EPA-certified 2019 or newer Propane/LPG school buses	BETHANY SCHOOLS	191,410.00	97,619.10	93,790.90	191,410	97,619.10	93,790.90	93,790.90	
Replacement of four diesel school buses (EMVs 2003, 2003, 2007, and 2007) with four EPA-certified 2019 or newer Propane/LPG school buses	CHATTANOOGA PUBLIC SCHOOLS	383,678.31	202,390.31	181,288.00	383,716	202,428.00	181,288.00	181,288.00	
Replacement of three diesel school buses (EMVs 2000, 2004, and 2004) with three EPA-certified 2019 or newer Propane/LPG school buses	CORDELL PUBLIC SCHOOLS	255,627.00	130,369.77	125,257.23					
Replacement of one 1999 diesel school bus with one EPA-certified 2019 or newer Propane/LPG school bus	DAVENPORT PUBLIC SCHOOL	107,448.78	63,394.78	44,054.00	106,764	62,990.76	43,773.24	44,054.00	
Replacement of three diesel school buses (vehicle years 2007, 2008, and 2008) with three EPA-certified 2019 or newer Propane/LPG school buses	GANS PUBLIC SCHOOLS	256,375.51	130,751.51	125,624.00					
Replacement of two 2002 diesel school buses with two EPA-certified 2019 or newer Propane/LPG school buses	Keys School District	199,639.13	107,805.13	91,834.00					
Replacement of three diesel school buses (vehicle years 2003, 2007, and 2007) with three EPA-certified 2019 or newer Propane/LPG school buses	COUNTY OF KAY PONCA	268,616.28	153,111.28	115,505.00					



Project Description	Project Partner	Estimated Project Total	Estimated Amount To Be Funded by Project Partner	Estimated Amount To Be Funded by Trust	Actual Project Total to date	Actual Amount Funded by Project Partner to date	Actual Project Total Funded by Trust to date	Actual Amount Drawn from Trust to Date	Actual Amount to Return as of to Date
	CITY PUBLIC SCHOOLS								
Replacement of two diesel school buses (EMVs 1999 and 2004) with two EPA-certified 2019 or newer Propane/LPG school buses	Wellston Public Schools	167,256.00	83,628.00	83,628.00	167,256	83,628.00	83,628.00	83,628.00	
Replacement of three diesel school buses (EMVs 1998, 1999, and 2000) with three EPA-certified 2019 or newer Propane/LPG school buses	EMPIRE PUBLIC SCHOOLS	255,627.00	130,369.77	125,257.23					
Replacement of three diesel school buses (EMVs 1991, 2004, 2004) with three EPA-certified 2020 or newer Propane/LPG school buses	CAMERON PUBLIC SCHOOL	278,688.00	139,344.00	139,344.00					
Replacement of two diesel school buses (EMVs 2006, 2003) with two EPA-certified 2020 or newer Propane/LPG school buses	NASHOBA PUBLIC SCHOOL	185,976.00	92,988.00	92,988.00					
Replacement of three diesel school buses (EMVs 1991, 2004, 2004) with three EPA-certified 2020 or newer Propane/LPG school buses	KEYSTONE SCHOOL	276,945.00	138,472.50	138,472.50					
3 Type C & D natural gas (CNG) powered school buses with a capacity between 40-84 passengers priced at an average of \$130,000 for each bus	TBD	390,000.00	195,000.00	195,000.00					
2 Type C & D all-electric powered school buses with a capacity between 40-84 passengers priced at an average of \$330,000 for each bus	TBD	660,000.00	330,000.00	330,000.00					
	<b>Administrative</b>	<b>126,000.00</b>	-	<b>126,000.00</b>	30,407.57	-	<b>30,407.57</b>	65,000.00	
	<b>Project Totals</b>	<b>5,936,807.24</b>	<b>2,905,403.62</b>	<b>3,031,403.62</b>	<b>1,340,420.57</b>	<b>681,708.03</b>	<b>658,712.54</b>	<b>693,637.90</b>	-
	<b>Percentage</b>	<b>100.0%</b>	<b>48.9%</b>	<b>51.1%</b>	<b>100.0%</b>	<b>50.9%</b>	<b>49.1%</b>		

### C. CHARGEOK

The ChargeOK program Round 1 launched in December of 2018 to fund electric vehicle charging stations throughout the State of Oklahoma. Applications were accepted until March 1, 2019. ChargeOK Round 2 launched in July 2020, and applications were accepted until September 8, 2020. For both Rounds, ChargeOK projects were selected by an inter-agency panel. The projected termination date for both Round 1 and Round 2 projects is September 21, 2021. The website for the ChargeOK Program can be found at the following link: <https://www.deq.ok.gov/air-quality-division/volkswagen-settlement/chargeok-oklahoma-electric-vehicle-charging-program/>.



Two D-4s have been submitted for ChargeOK; The D-4 for Part 1, with Project ID #OK-EVSE, was submitted on August 13, 2019 and approved on October 15, 2019. An Attachment A was submitted with the D-4 to draw down the full \$1,833,984.47 associated with those projects. This D-4 was closed out and \$116,882.44 of remaining funds were returned to the Trust in May of 2021. Refunds include:

- \$1,814.87 from the City of Pawhuska
- \$2.00 from the City of Edmond
- (\$1.00) from OnCue
- \$130.00 from Carey Johnson Oil Company reassigned to Francis Solar
- \$890,884.43 from Francis Solar

The D-4 for Part 2, with Project ID #OK-EVSE-2, was submitted on September 19, 2019 and approved on November 18, 2019. #OK-EVSE-2 was approved for \$1,304,388.20. An Attachment A to draw down \$305,065.08 to go towards projects associated with #OK-EVSE-2 was submitted on June 4, 2020. During this reporting period, an Attachment A for \$121,180.91 was submitted on April 6, 2021 and approved on April 8, 2021.

Six of the seven projects in Round 2 are in the construction phase, and one project (Hobart) is in the reimbursement requested phase.

**TABLE 4: ChargeOK ROUND 1 PART 1 PROJECT SUMMARIES**

*Blank fields indicate that projects are still in progress and amounts are not yet known. Dashes indicate a zero value.*

Project Description	Project Partner	Estimated DEQ Award Amount	Projected Total Cost	Actual Project Cost	Estimated Amount To Be Funded by Trust	Actual Amount Funded by Trust	Difference/ Amount Remaining Returned to Trust
Install 1 level 2 charger in Pawhuska OK	City of Pawhuska	17,115.20	21,394.00	19,125.41	17,115.20	15,300.33	1,814.87
Install 1 level 2 charger at the Holiday Inn Express & Suites, Owasso OK	Roshan Patel DBA Leisurehm	8,080.00	10,100.00	10,100.00	8,080.00	8,080.00	-
Install 1 level 2 charger at The Fairfield Inn and Suites, Catoosa OK	Roshan Patel DBA Leisurehm	8,080.00	10,100.00	10,100.00	8,080.00	8,080.00	-
Install 10 level 2 chargers at 4 locations in Edmond OK	City of Edmond	25,367.00	55,235.00	63,369.00	25,367.00	25,365.00	2.00
Install 1 level 3 charger each in Edmond, Midwest City, and Oklahoma City OK	OnCue	292,830.27	390,440.36	463,939.83	292,830.27	292,830.27	-
Install 1 level 3 charger at 2837 NW 36 <sup>th</sup> St. Oklahoma City OK	OnCue	96,639.00	128,974.32	143,486.94	96,639.00	96,640.00	(1.00)
Install 2 level 2, and 2 level 3 Chargers in Chandler OK The reassigned project was changed to 4 level 3 chargers	Carey Johnson Oil Company reassigned to Francis Solar	14,961.00	181,863.00	297,675.94	114,961.00	114,961.00	-
Install 2 level 2, and 1 level 3 charger in McAlester OK The reassigned project was changed to 4 level 3 chargers	Carey Johnson Oil Company reassigned to Francis Solar	115,091.00	182,063.00	338,264.91	115,091.00	114,961.00	130.00
Install 2 level 3 chargers in Enid, Guymon, Henryetta, Norman, Seiling, Stillwater, and Tulsa Ok. Install 4 level 3 chargers in Blackwell, Lawton, Muskogee, Tulsa, Wagoner, OK.	Francis Solar	1,005,821.00	\$6,705,464.00	5,978,784.75	1,005,821.00	890,884.43	114,936.57
	Administrative			150,000.00	150,000.00	150,000.00	-
	<b>TOTALS</b>	<b>1,683,984.47</b>	<b>7,685,633.68</b>	<b>7,474,846.78</b>	<b>1,833,984.47</b>	<b>1,717,102.03</b>	<b>116,882.44</b>

**TABLE 5: ChargeOK ROUND 1 PART 2 AND ROUND 2 PROJECT SUMMARIES**

*Blank fields indicate that projects are still in progress and amounts are not yet known. Dashes indicate a zero value.*

Project Description	Project Partner	Estimated Project Total	Estimated Amount To Be Funded by Project Partner	Estimated Amount To Be Funded by Trust	Actual Project Total	Actual Amount Funded by Project Partner	Actual Project Total Funded by Trust	Actual Amount Drawn from Trust	Actual Amount to Return as of this Date
Install 8 level 2 charger at Oklahoma City Community College Oklahoma City OK	Oklahoma City Community College	255,506.00	127,753.00	127,753.00	255,506.00	127,753.00	127,753.00	127,753.00	-
Install 2 level 3 chargers in Enid, Antlers, Atoka, Norman, Chickasha, Mustang, Muskogee, Sand springs, Woodward, Pauls Valley, and Pryor Oklahoma. Install 4 level 3 chargers in Broken Bow, Henryetta, Durant, Muldrow, Eufaula, Miami, and Okemah, Oklahoma.	Francis Solar	1,761,367.00	1,584,054.92	177,312.08	1,761,367.00	1,584,055	177,312	177,312.08	-
Install 2 level 3 chargers in Broken Bow OK	Green Energy Solutions	154,214.40	46,264.32	107,950.08					
Install 2 level 3 chargers in the City of Comanche OK	City of Comanche	88,140.00	17,628.00	70,512.00					
Install 1 level 3 charger in the City of Perry OK	City of Perry	68,759.20	13,352.00	55,407.20					
Install 2 level 3 chargers in the City of Hobart OK	Francis Energy	317,117.00	63,423.40	253,693.60					
Install 2 level 3 chargers in the City of Duncan OK	ASAP Energy	123,181.00	24,636.20	98,544.80					
Install 2 level 3 chargers in the City of Weatherford OK	ASAP Energy	151,946.00	30,389.20	121,556.80					
Install 2 level 3 Chargers in the City of Okemah OK	Excel Food Mart	213,097.16	42,619.43	170,477.73					
	<b>Administrative</b>	<b>121,180.91</b>	-	<b>121,180.91</b>	15,818.60	-	<b>15,818.60</b>	121,180.91	
	<b>Project Totals</b>	<b>3,254,508.67</b>	<b>1,950,120.47</b>	<b>1,304,388.20</b>	<b>2,032,691.60</b>	<b>1,711,807.92</b>	<b>320,883.68</b>	<b>426,245.99</b>	-
	<b>Percentage</b>	<b>100%</b>	<b>59.92%</b>	<b>40.08%</b>	<b>100%</b>	<b>84.21%</b>	<b>15.79%</b>		

**TABLE 6: ChargeOK ROUND 1 PART 1 PROJECT STATUS**

<b>Project Description</b>	<b>Project Partner</b>	<b>STATUS UPDATE</b>
Install 1 level 2 charger in Pawhuska OK	City of Pawhuska	Project completed and reimbursed
Install 1 level 2 charger at the Holiday Inn Express & Suites, Owasso OK	Roshan Patel DBA Leisurehm	Project completed and reimbursed
Install 1 level 2 charger at The Fairfield Inn and Suites, Catoosa OK	Roshan Patel DBA Leisurehm	Project completed and reimbursed
Install 10 level 2 chargers at 4 locations in Edmond OK	City of Edmond	Project completed and reimbursed
Install 1 level 3 charger each in Edmond, Midwest City, and Oklahoma City OK	OnCue	All projects completed and reimbursed.
Install 1 level 3 charger at 2837 NW 36 <sup>th</sup> St. Oklahoma City OK	OnCue	Project completed and reimbursed
Install 2 level 3 chargers in Enid, Guymon, Henryetta, Norman, Seiling, Stillwater, and Tulsa Ok. Install 4 level 3 chargers in Blackwell, Chandler, Lawton, McAlester, Muskogee, Tulsa, Wagoner, OK.	Francis Solar	All projects completed and reimbursed.

**TABLE 7: ChargeOK ROUND 1 PART 2 PROJECT STATUS**

<b>Project Description</b>	<b>Project Partner</b>	<b>STATUS UPDATE</b>
Install 8 level 2 charger at Oklahoma City Community College in Oklahoma City	Oklahoma City Community College	Project completed and reimbursed
Install 2 level 3 chargers in Antlers, Chickasha and Muskogee Oklahoma. Install 4 level 3 chargers in Durant, Oklahoma.	Francis Solar	Project completed and reimbursed

**TABLE 8: ChargeOK ROUND 2 PROJECT STATUS**

Project Description	Project Partner	STATUS UPDATE
Install 2 level 3 charger in Broken Bow OK	Green Energy Solutions	Project in construction phase
Install 2 level 3 chargers in the City of Comanche OK	City of Comanche	Project in construction phase
Install 1 level 3 charger in the City of Perry OK	City of Perry	Project in construction phase
Install 2 level 3 chargers in the City of Hobart OK	Francis Energy	Reimbursement request received
Install 2 level 3 chargers in the City of Duncan OK	ASAP Energy	Project in construction phase
Install 2 level 3 chargers in the City of Weatherford OK	ASAP Energy	Project in construction phase
Install 2 level 3 chargers in the City of Okemah OK	Excel Food Mart	Project in construction phase

**D. On-Road Vehicle Program**

Three D-4s were submitted for this program at the end of the last reporting period. The first D-4, identified as OK-OnRd-1 for \$1,163,661.00, covered shuttle and transit bus projects related to this program. It was submitted on December 7, 2020 and approved on February 5, 2021. The second D-4, OK-OnRd-2 for \$274,021.00, covered Class 4-7 trucks. It was submitted on December 7 and was approved on February 5, 2021. The third D-4, OK-OnRd-3 for \$2,718,785.39, included Class 8 trucks. It was submitted on December 21, 2020 and approved on February 5, 2021. An Attachment A was submitted with each of these three D-4s to request funds for existing and projected administrative costs of this program. The Attachment As totaled \$141,000.00. Two of the D-4s were amended in April 2021.

During this reporting period, all Memorandum of Agreements were completed and the Award packets were issued. Award recipients and projects will be listed on our website. The website for the On-Road Program can be found at the following link: <https://www.deq.ok.gov/air-quality-division/volkswagen-settlement/on-road-program/>. The projected termination date for these projects is September 30, 2023.

**TABLE 9: ON-ROAD PROGRAM PROJECT SUMMARIES : SHUTTLE AND TRANSIT BUSES**

*Blank fields indicate that projects are still in progress and amounts are not yet known. Dashes indicate a zero value.*

Project Description	Project Partner	Estimated Project Total	Estimated Amount To Be Funded by Project Partner	Estimated Amount To Be Funded by Trust	Actual Project Total	Actual Amount Funded by Project Partner	Actual Project Total Funded by Trust	Actual Amount Drawn from Trust	Actual Amount to Return as of this Date
1 - Class 8 electric powered transit bus with a capacity of 32 passengers priced at \$900,000	City of Norman	900,000.00	450,000.00	450,000.00					
1 - Class 8 CNG powered transit bus with a capacity of 39 passengers priced at \$543,628	CENTRAL OKLAHOMA TRANSPORTATION AND PARKING AUTHORITY (COTPA)	543,628.00	135,907.00	407,721.00					
2 - Class 4-8 CNG powered shuttle buses at \$172,627	CENTRAL OKLAHOMA TRANSPORTATION AND PARKING AUTHORITY (COTPA)	345,254.00	86,314.00	258,940.00					
	<b>Administrative</b>	<b>47,000.00</b>	-	47,000.00	26,482.87	-	26,482.87	47,000.00	
	<b>Project Totals</b>	<b>1,835,882.00</b>	<b>672,221.00</b>	<b>1,163,661.00</b>	<b>26,482.87</b>	<b>-</b>	<b>26,482.87</b>	<b>47,000.00</b>	<b>-</b>
	<b>Percentage</b>	<b>100%</b>	<b>36.62%</b>	<b>63.38%</b>	<b>100%</b>	<b>0.00%</b>	<b>100.00%</b>		

**TABLE 10: ON-ROAD PROGRAM PROJECT SUMMARIES : MEDIUM TRUCKS**

*Blank fields indicate that projects are still in progress and amounts are not yet known. Dashes indicate a zero value.*

Project Description	Project Partner	Estimated Project Total	Estimated Amount To Be Funded by Project Partner	Estimated Amount To Be Funded by Trust	Actual Project Total	Actual Amount Funded by Project Partner	Actual Project Total Funded by Trust	Actual Amount Drawn from Trust	Actual Amount to Return as of this Date
1 - Class 7 diesel powered Dump Truck	City of Stroud	88,265.00	22,067.00	66,198.00					
1 - Class 7 CNG trash collector (revised)	City of Moore	216,204.00	54,051.00	162,153.00					
	<b>Administrative</b>	<b>48,330.00</b>	-	<b>48,330.00</b>	<b>13,125.52</b>	-	<b>13,125.52</b>	45,670.00	
	<b>Project Totals</b>	<b>352,799.00</b>	<b>76,118.00</b>	<b>276,681.00</b>	<b>13,125.52</b>	<b>-</b>	<b>13,125.52</b>	<b>45,670.00</b>	
	<b>Percentage</b>	<b>100%</b>	<b>21.58%</b>	<b>78.42%</b>	<b>100%</b>	<b>0.00%</b>	<b>100.00%</b>		

**TABLE 11: ON-ROAD PROGRAM PROJECT SUMMARIES : LARGE TRUCKS**

*Blank fields indicate that projects are still in progress and amounts are not yet known. Dashes indicate a zero value.*

Project Description	Project Partner	Estimated Project Total	Estimated Amount To Be Funded by Project Partner	Estimated Amount To Be Funded by Trust	Actual Project Total	Actual Amount Funded by Project Partner	Actual Project Total Funded by Trust	Actual Amount Drawn from Trust	Actual Amount to Return as of this Date
2 – Class 8 CNG powered refuse trucks	Oklahoma City Environmental Assistance Trust	602,685.74	300,685.74	302,000.00					
14 - Class 8 Diesel powered freight trucks	SYSCO OKLAHOMA LLC	1,498,000.00	1,183,420.00	314,580.00					
1 - Class 8 CNG powered refuse truck	City of MidWest City	275,652.00	75,652.00	200,000.00					
1 – Class 8 Diesel powered dump truck	Canadian County District 1	147,659.44	36,914.86	110,744.58					
3 – Class 8 Diesel powered hauling trucks	City of Tulsa	252,672.54	63,168.12	189,504.42					
3 – Class 8 Diesel powered dump trucks	City of Lawton	367,374.00	91,842.00	275,532.00					
1 - Class 8 Diesel powered refuse truck	City of Lawton	273,500.00	68,375.00	205,125.00					
1 – Class 8 Diesel powered refuse trucks	City of Lawton	210,500.00	52,625.00	157,875.00					
4 – Class 8 CNG powered dump trucks	A&A Trucking	1,123,711.60	865,257.92	258,453.68					
1 - Class 8 CNG powered refuse trucks_	City of Elk City	284,053.00	71,013.25	213,039.75					
8 – Class 8 Diesel powered concrete mixer trucks	ATLAS-TUCK CONCRETE, INC.	1,774,403.84	1,330,802.88	443,600.96					
	<b>Administrative</b>	<b>48,330.00</b>	-	<b>48,330.00</b>	<b>42,290.86</b>	-	<b>42,290.86</b>	<b>48,330.00</b>	
	<b>Project Totals</b>	<b>6,858,542.16</b>	<b>4,139,756.77</b>	<b>2,718,785.39</b>	<b>42,290.86</b>	-	<b>42,290.86</b>	<b>48,330.00</b>	-
	<b>Percentage</b>	<b>100%</b>	<b>60.36%</b>	<b>39.64%</b>	<b>100%</b>	<b>0.00%</b>	<b>100.00%</b>		

### III. FUNDING AND EMISSIONS OVERVIEW

#### A. D-4 Submittal Summary

During this project period, no initial D-4s were submitted but two D-4s were submitted for amendment (OK-OnRd-2 and OK-OnRd-3.) Reimbursements were completed for D-4 #OK-EVSE and DS-01F65501-0 to close out those D-4s. The below table summarizes all submitted D-4 requests and their associated administrative costs. DEQ's requested funds for administrative costs remains well below the 15% cap as required by the Agreement.

**TABLE 12: D-4 SUBMITTAL SUMMARY**

Sequential Request #	Program/ Submittal Name	D-4 Project ID	Date Submitted to Trust	Date Approved by Trust	Requested Amount (Minus Refunds*)	Request % of total allocation	Administrative (Minus Refunds*)	Final Administrative % of request	Final Administrative % of allocation
1	DERAFY17	DS-01F36801-0	August 9 2018	September 21 2018	163,236.56	0.78	0.00	0.00	0.00
2	DERAFY18	DS-01F36801-0 (2)	May 6 2019	July 8 2019	296,776.70	1.42	20,012.00	6.70	0.10
3	AFSB1	OK-AFSB-1	May 6 2019	July 24 2019	1,153,093.40	5.51	26,906.28	1.77	0.13
4	Oklahoma EVSE Program FY19	OK-EVSE	August 13 2019	October 15 2019	1,717,102.03	8.21	150,000.00	8.18	0.72
5	Oklahoma EVSE Program FY19	OK-EVSE-2	September 19 2019	November 18 2019	1,304,388.20	6.23	121,180.91	9.29	0.58
6	DERAFY19	DS - 01F65501 - 0	September 26 2019	November 26 2019	307,433.03	1.47	28,067.07	8.77	0.13
7	AFSB2	OK-AFSB-2	October 8 2019	December 9 2019	3,031,403.62	14.49	126,000.00	4.16	0.60
8	DERA FY20	DS - 01F65501 - 1	October 8 2020	November 17 2020	338,007.00	1.62	24,170.00	7.15	0.12
9	Oklahoma On-Road Program	OK-OnRd-1	December 7 2020	February 5, 2021	1,163,661.00	5.56	47,000.00	4.04	0.22
10	Oklahoma On-Road Program Medium Trucks	OK-OnRd-2	December 7 2020	February 5, 2021	274,021.00	1.31	45,670.00	16.67**	0.22
11	Oklahoma On-Road Program Large Trucks	OK-OnRd-3	December 21 2020	February 5, 2021	2,718,785.39	12.99	48,330.00	1.78	0.23
<b>TOTAL</b>					<b>12,467,907.93</b>	<b>59.59</b>	<b>637,336.26</b>	<b>n/a</b>	<b>3.05</b>

\*Amounts shown are amounts requested in the D-4, minus any amount refunded due to project completion.

\*\*Administrative is 16.67% of the total amount requested in the D-4, but equals 15% of total project costs as presented within the D-4, and therefore is within required limits.



**B. BMP Compliance Review**

DEQ submitted Oklahoma’s Beneficiary Mitigation Plan (BMP) through Intralinks on June 8, 2018, and no amendments have been submitted. The BMP outlines the percentage of Oklahoma’s Trust allocation that will be allotted to each Eligible Mitigation Action category from Appendix D-2 of the Agreement; any deviation from these allotments as published in the BMP must be submitted to the Trust as an amendment. Table 12 compares the current amount of funds requested by Oklahoma to the amount of funds that have been set aside per the BMP. At this time, Oklahoma is within the designated percentages and will not need to adjust the BMP.

**TABLE 13: BMP ALLOCATION BALANCE CHECK**

BMP Allocations			Requested*	Remaining
Alternative Fuel School Bus <i>(Category 2, Eligible Buses)</i>	20%	\$4,184,497.02	\$4,184,497.02	\$0.00
Oklahoma Clean Diesel/ Diesel Emissions Reduction Act <i>(Category 10, DERA Option)</i>	10%	\$2,092,248.51	\$1,105,453.29	\$986,795.22
On-Road <i>(Category 1, Eligible Large Trucks; Category 2, Eligible Buses; Category 6, Medium Trucks)</i>	20%	\$4,184,497.02	\$4,156,467.39	\$28,029.63
Off-Road <i>(Category 3, Freight Switchers; Category 4, Ferries/Tugs; Category 7, Airport Ground Support Equipment; Category 8, Forklifts and Port Cargo Handling Equipment)</i>	20%	\$4,184,497.02	\$0.00	\$4,184,497.02
ChargeOK/Electric Vehicle Charging Infrastructure <i>(Category 9, Light Duty Zero Emission Vehicle Supply Equipment)</i>	15%	\$3,138,372.77	\$3,021,490.23	\$116,882.54
Flex Fund <i>(Categories to be determined at a later date)</i>	15%	\$3,138,372.77	\$0.00	\$3,138,372.77

\*Amounts shown are amounts requested in the D-4s, minus any amount refunded due to project completion.

### C. EMISSIONS REDUCTIONS OVERVIEW

The Trust was created to mitigate excess emissions caused by subject vehicles. As such, all projects carried out by DEQ have been selected using emissions reductions as a primary selection consideration. In addition, DEQ is required to calculate and report expected emissions reductions from any project funded by the Trust as part of each D-4 funding request. A summary of total estimated emissions reductions achieved by projects submitted for funding appear in the table below. The below values have been updated as needed if changes have occurred during project implementation.

**TABLE 14: SUMMARY OF ESTIMATED EMISSIONS REDUCTIONS**

D-4 Sequential Request #	Program/ Submittal Name	D-4 Project ID	Tool Used	Metric Notes	NOx	PM2.5	HC	CO	GHG	CO2	VOC
1	DERAFY17	DS-01F36801-0	Diesel Emissions Quantifier (DEQ)	lifetime short tons	9.112	0.709	1.299	4.046	**	1,208.7	**
2	DERAFY18	DS-01F36801-0 (2)	DEQ	lifetime short tons	14.38	1.1	2.2	6.79	**	2,019.6	**
3	AFSB1	OK-AFSB-1	DEQ	lifetime short tons	28.49	1.94	3.67	10.96	**	3,825.0	**
4	Oklahoma EVSE Program FY19	OK-EVSE	GREET	5 yr. short tons	14.15	**	**	171.12	**	18,253.8	16.96
5	Oklahoma EVSE Program FY19*	OK-EVSE-2	GREET	5 yr. short tons	9.44	**	**	122.24	**	13,299.3	2.00
6	DERAFY19	DS-01F65501-0	DEQ	lifetime short tons	9.489	0.410	0.994	2.728	**	2,073.90	**
7	AFSB2*	OK-AFSB-2	DEQ	lifetime short tons	24.75	1.51	3.07	9.73	**	4,590.0	**
8	DERAFY20*	DS-01F65501-1	DEQ	Lifetime short tons	26.241	1.692	3.207	11	**	6,132.70	**
9	Oklahoma On-Road Program*	OK-OnRd-1	Argonne Heavy Duty Vehicle Emissions Calculator	lifetime short tons	1.882	0.052	**	**	136	**	**
10	Oklahoma On-Road Program – Medium Trucks*	OK-OnRd-2	Argonne Heavy Duty Vehicle Emissions Calculator	lifetime short tons	0.15	**	**	**	**	**	**
11	Oklahoma On-Road Program - Large Trucks*	OK-OnRd-3	Argonne Heavy Duty Vehicle Emissions Calculator	lifetime short tons	57.911	2.822	**	**	1,279	**	**
<b>TOTAL</b>					<b>195.995</b>	<b>10.235</b>	<b>14.44</b>	<b>338.614</b>	<b>1,415</b>	<b>51,403.0</b>	<b>18.96</b>

\* indicates preliminary estimates, as projects are not completed

\*\* indicates that the chosen calculator does not create values for this emission

# **APPENDIX A**

## **DERA QUARTERLY REPORTS**

**Reporting periods included:**  
**October 2020 - December 2020**  
**January 2021 - March 2021**

Due to overlapping reporting timelines for the DERA and Volkswagen Trust programs, DERA quarterly reports will lag one period as they appear in the Volkswagen semiannual report. Beginning in January of 2021, The Volkswagen report for the January-June timeframe will include quarterly reports for the DERA October-March timeframe. The Volkswagen report for the July-December timeframe will include DERA quarterly reports for the April-September timeframe.

**U. S. Environmental Protection Agency  
State Clean Diesel Grant Program - Quarterly Report**

<b>Grant Recipient</b>	<b>OK Dept. of Environmental Quality</b>
<b>Grant #</b>	<b>01F65501</b>
<b>Reporting Period</b>	<b>October - December, 2020</b>

**Instructions:** Complete all relevant fields in this worksheet and use the other

<b>WORKPLAN BUDGET</b>	<b>FY19</b>	<b>FY20</b>
<b>Total EPA Funds Awarded</b>	\$480,177	\$507,011
<b>Total Mandatory Cost-Share</b>	\$2,112,324	\$2,353,185
<b>Total Voluntary Matching Funds</b>	\$320,110	\$338,007
<b>Total Project Costs</b>	\$2,912,611	\$3,198,203

**Table 1. Rate of Expenditure. Record all funds expended for each budget category.**

	Federal Funds Expended this Reporting Period	Mandatory Cost-Share Expended this Reporting Period	Voluntary Match Expended this Reporting Period		Cumulative Federal Funds Expended	Cumulative Mandatory Cost-Share Expended	Cumulative Voluntary Match Expended	
			Mitigation Funds	Other Funds			Mitigation Funds	Other Funds
Personnel	\$4,247.00		\$2,831.29		\$12,307.31		\$8,204.70	
Fringe Benefits	\$2,198.91		\$1,465.74		\$7,014.22		\$4,675.20	
Travel								
Equipment								
Supplies								
Contractual								
Subawards								
Participant Support Costs (e.g., Rebates)								
Other	\$148,687.75	\$1,705,501.09	\$99,125.16		\$356,786.95	\$1,833,149.09	\$237,857.96	
Indirect Charges	\$1,659.19		\$1,106.13		\$5,164.69		\$3,442.86	
<b>TOTALS</b>	<b>\$156,792.85</b>	<b>\$1,705,501.09</b>	<b>\$104,528.32</b>	<b>\$0.00</b>	<b>\$381,273.17</b>	<b>\$1,833,149.09</b>	<b>\$254,180.72</b>	<b>\$0.00</b>

**Table 2. Narrative Responses**

<b>Question</b>	<b>Answer</b>
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<p>Summaries of results of reviews of financial and programmatic reports</p>	<p>During this quarter, \$156,792.85 of federal funds have been used. The cumulated federal funds expended is \$381,273.17. These funds went toward personnel, fringe, travel, subawards, and indirect charges. Zero dollars of Oklahoma funds (not VW) have been used. The mandatory share from twelve schools was \$1,824,270.09, no other cost shares were paid during this quarter. These funds would represent the subgrantees' portions of all vehicles and/or equipment purchased. This quarter, \$104,528.32 of Oklahoma VW funds have been used with a cumulative total of \$254,180.72. These funds went toward subawards only.</p>
<p>Summaries of findings from site visits and/or desk reviews to ensure effective subrecipient performance</p>	<p>No site visits were done during this quarter. From desk reviews eleven schools, Bishop, Boswell, Davenport, Edmond, Enid, Lexington Middleberg, Mounds, Mustang, Silo, and Washington received their buses and had their old buses destroyed during this quarter. Fort Towson recieved their buses in January and are awaiting the destruction of their old buses.</p>
<p>Environmental results the subrecipient achieved</p>	<p>Through the scrappage and dismantling of old diesel vehicles, subrecipients are contributing to environmental benefits by getting high polluting vehicles off the road and replacing them with newer vehicles that emit fewer emissions. The 26 school bus replacement from eleven schools during this quarter will have a lifetime reduction of 7.986 lifetime short tons<sup>2</sup> of NO<sub>x</sub>, based on the Diesel Emissions Calculator. The cumulative FY19 and FY20 program emission benefits from October 1, 2019 to December 31, 2020 are 8.36 lifetime short tons<sup>2</sup> of NO<sub>x</sub>, 0.332 lifetime short tons<sup>2</sup> of PM<sub>2.5</sub>, 0.866 lifetime short tons<sup>2</sup> of HC, and 2.259 lifetime short tons<sup>2</sup> of CO.</p>
<p>Summaries of audit findings and related pass-through entity management decisions</p>	<p>No audits or pass-through entity management decisions have been made.</p>
<p>Actions the pass-through entity has taken to correct deficiencies such as those specified at 2 CFR 200.331(e), 2 CFR 200.207 and the 2 CFR 200.338 Remedies for Noncompliance</p>	<p>N/A</p>

Project Partner	Estimated Award Amount	Actual Reimbursement Amount	Cost Shares
Edmond Public Schools	\$239,607.50	\$239,607.50	\$718,822.50
Davenport Public Schools	\$40,930.00	\$40,930.00	\$118,769.00
Mustang Public Schools	\$62,907.75	\$62,907.75	\$209,723.25
Noble Public Schools	\$42,500.00	\$42,500.00	\$127,648.00
Boswell Public Schools	\$45,000.00	\$43,823.00	\$131,471.00
Washington Public Schools	\$39,963.50	\$39,963.50	\$136,936.50
Lexington Public Schools	\$22,500.00	\$18,890.00	\$56,670.00
Middleberg Public Schools	\$43,804.00	\$43,804.00	\$135,850.00
Bishop Public Schools	\$20,920.50	\$20,920.50	\$62,962.50
Silo Public Schools	\$25,000.00	\$24,985.91	\$81,337.09
Fort Towson Public Schools	\$59,750.00		
Enid Public Schools	\$38,317.00	\$37,253.75	\$111,761.25
Mounds Public Schools	\$19,989.00	\$19,989.00	\$59,967.00
<b>Administrative</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>TOTALS</b>	<b>\$701,189.25</b>	<b>\$615,585.91</b>	<b>\$1,951,918.09</b>

Reimbursed Last Quarter
Have not been reimbursed but have filed for reimbursement
Have not filed for reimbursement
Reimbursed this Quarter

Instructions / Units	Fleet Information	Group 1	2019 Group 2	Group 3	Group 4
This is 2018	Fiscal Year of EPA Funds Used:	2019			
	Vehicle Name:	International Bus			
	Vehicle Owner:	Bishop Public School			
This is On Highway	Vehicle Type:	On Highway			
Leave this row blank	Primary Place of Performance	Bishop Public School			
	- State(s):	Oklahoma			
	- County:	Comanche			
	- City:	Lawton			
	- Zip Code:	73505			
Use pull-down menu	Target:	School Bus			
Use pull-down menu	Vehicle Class or Equipment Type:	School Buses			
This is "1"/Enter one vehicle per column	Quantity:	1			
	Vehicle Identification Number:	1HVBBAO11H401719			
	Vehicle Make:	International			
	Vehicle Model:	3800			
Use pull-down menu	Vehicle Model Year:	2001			
	Engine Serial Number:	1290298			
	Engine Make:	International			
	Engine Model:	DT466			
Use pull-down menu	Engine Model Year:	2001			
	Engine Horsepower:	190			
Liters per cylinder	Engine Cylinder Displacement:	8.2			
	Engine Number of Cylinders:	6			
Use pull-down menu	Engine Fuel Type:	ULSD			
Gallons per year	Annual Amount of Fuel Used:	430			
Miles per vehicle	Annual Miles Traveled:	2830			
Hours per engine	Annual Idling Hours:	180			
Years per engine; Total number of years of engine life remaining at time of upgrade action	Remaining Life:	0			
Year in which vehicle would normally be retired/sold by the fleet owner if not for the grant	Normal Attrition Year:	2020			
Use pull-down menu	Year of Upgrade Action:	2020			
Use pull-down menu	Upgrade Type:	Vehicle Replacement			
Use pull-down menu	Upgrade:	Vehicle Replacement - Diesel			
Cost of vehicle or equipment only	Upgrade Cost Per Unit:	\$83,883			
Cost of labor to install equipment ("N/A" if vehicle replacement)	Upgrade Labor Cost Per Unit:	\$0			
Use pull-down menu	New Engine Model Year:	2021			
	New Engine Horsepower:	190			
Liters per cylinder	New Engine Cylinder Displacement:	8.2			
	New Engine Number of Cylinders:	6			
Use pull-down menu	New Engine Fuel Type:	Gasoline			
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:	60			
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	20			



Instructions / Units	Fleet Information	Group 1	Group 2	Group 3	Group 4
This is 2019	Fiscal Year of EPA Funds Used:	2019	2019		
	Vehicle Name:	International	Bluebird		
	Vehicle Owner:	Boswell Public Schools	Boswell Public Schools		
This is On Highway	Vehicle Type:	On Highway	On Highway		
Leave this row blank	Primary Place of Performance	Boswell District	Boswell District		
	- State(s):	Oklahoma	Oklahoma		
	- County:	Choctaw	Choctaw		
	- City:	Boswell	Boswell		
	- Zip Code:	74727	74727		
Use pull-down menu	Target:	School Bus	School Bus		
Use pull-down menu	Vehicle Class or Equipment Type:	School Buses	School Buses		
This is "1"/Enter one vehicle per column	Quantity:	1	1		
	Vehicle Identification Number:	1HVBBAAM9VH493612	1BAKFCKH69F256806		
	Vehicle Make:	INTL	BLUBRD		
	Vehicle Model:	380	BBCV		
Use pull-down menu	Vehicle Model Year:	1997	2009		
	Engine Serial Number:	N4VISTAR 236	7CPXH0442H1K		
	Engine Make:	Intl T444E	CAT		
	Engine Model:	7.3 L V8	C7		
Use pull-down menu	Engine Model Year:	1997	2006		
	Engine Horsepower:	210	268		
Liters per cylinder	Engine Cylinder Displacement:	V8	straight		
	Engine Number of Cylinders:	8	6		
Use pull-down menu	Engine Fuel Type:	ULSD	ULSD		
Gallons per year	Annual Amount of Fuel Used:	2400	2500		
Miles per vehicle	Annual Miles Traveled:	4500	4800		
Hours per engine	Annual Idling Hours:	150	150		
Years per engine; Total number of years of engine life remaining at time of upgrade action	Remaining Life:	3	8		
Year in which vehicle would normally be retired/sold by the fleet owner if not for the grant	Normal Attrition Year:	2022	2028		
Use pull-down menu	Year of Upgrade Action:	2020	2020		
Use pull-down menu	Upgrade Type:	Vehicle Replacement	Vehicle Replacement		
Use pull-down menu	Upgrade:	Vehicle Replacement - Diesel	Vehicle Replacement - Diesel		
Cost of vehicle or equipment only	Upgrade Cost Per Unit:	\$87,647.00	\$87,647.00		
Cost of labor to install equipment ("N/A" if vehicle replacement)	Upgrade Labor Cost Per Unit:	0	0		
Use pull-down menu	New Engine Model Year:	2021	2021		
	New Engine Horsepower:	300	300		
Liters per cylinder	New Engine Cylinder Displacement:	8.9	8.9		
	New Engine Number of Cylinders:	6	6		
Use pull-down menu	New Engine Fuel Type:	ULSD	ULSD		
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:	50	50		
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	200	200		

COPY AND PASTE ADDITIONAL COLUMNS AS NEEDED TO CAPTURE ALL ENGINE/VEHICLE GROUPS

Instructions / Units	Fleet Information	Group 1	Group 2	Group 3	Group 4
This is 2018	Fiscal Year of EPA Funds Used:	2019			
	Vehicle Name:	1997 Thomas Type-D School Bus			
	Vehicle Owner:	Davenport Public School			
This is On Highway	Vehicle Type:	On Highway			
Leave this row blank	Primary Place of Performance	Davenport			
	- State(s):	Oklahoma			
	- County:	Lincoln			
	- City:	Davenport			
	- Zip Code:	74026			
Use pull-down menu	Target:	School Bus			
Use pull-down menu	Vehicle Class or Equipment Type:	School Buses			
This is "1"/Enter one vehicle per column	Quantity:	1			
	Vehicle Identification Number:	1T7HT4B21X1075832			
	Vehicle Make:	Thomas			
	Vehicle Model:	School bus			
Use pull-down menu	Vehicle Model Year:	1998			
	Engine Serial Number:	45783722			
	Engine Make:	Cummins			
	Engine Model:	ER1SC250			
Use pull-down menu	Engine Model Year:	1998			
	Engine Horsepower:	230			
Liters per cylinder	Engine Cylinder Displacement:	5.9 Liters			
	Engine Number of Cylinders:	6			
Use pull-down menu	Engine Fuel Type:	ULSD			
Gallons per year	Annual Amount of Fuel Used:	833			
Miles per vehicle	Annual Miles Traveled:	5000			
Hours per engine	Annual Idling Hours:	25			
Years per engine; Total number of years of engine life remaining at time of upgrade action	Remaining Life:	10			
Year in which vehicle would normally be retired/sold by the fleet owner if not for the grant	Normal Attrition Year:	2030			
Use pull-down menu	Year of Upgrade Action:	2020			
Use pull-down menu	Upgrade Type:	Vehicle Replacement			
Use pull-down menu	Upgrade:	Vehicle Replacement - Diesel			
Cost of vehicle or equipment only	Upgrade Cost Per Unit:	163,720.00			
Cost of labor to install equipment ("N/A" if vehicle replacement)	Upgrade Labor Cost Per Unit:	N/A			
Use pull-down menu	New Engine Model Year:	2021			
	New Engine Horsepower:	300			
Liters per cylinder	New Engine Cylinder Displacement:	8.9 Liters			
	New Engine Number of Cylinders:	6			
Use pull-down menu	New Engine Fuel Type:	ULSD			
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:	N/A - We do not have the bus at this time			
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	N/A - We do not have the bus at this time			

COPY AND PASTE ADDITIONAL COLUMNS AS NEEDED TO CAPTURE ALL ENGINE/VEHICLE GROUPS

Instructions / Units	Fleet Information	Group 1	Group 2	Group 3	Group 4
This is 2019	Fiscal Year of EPA Funds Used:	2019			
	Vehicle Name:	2021 International RE S Bus PB305			
	Vehicle Owner:	Enid Public Schools			
This is On Highway	Vehicle Type:	On Highway			
Leave this row blank	Primary Place of Performance				
	- State(s):	Oklahoma			
	- County:	Garfield			
	- City:	Enid			
	- Zip Code:	73701			
Use pull-down menu	Target:	School Bus			
Use pull-down menu	Vehicle Class or Equipment Type:	School Buses			
This is "1"/Enter one vehicle per column	Quantity:	1			
	Vehicle Identification Number:	4DRBWTAR6MB870105			
	Vehicle Make:	International (IC)			
	Vehicle Model:	PB 305			
Use pull-down menu	Vehicle Model Year:	2021			
	Engine Serial Number:	Not Available			
	Engine Make:	Cummins			
	Engine Model:	L9			
Use pull-down menu	Engine Model Year:	2021			
	Engine Horsepower:	300 HP			
Liters per cylinder	Engine Cylinder Displacement:	6			
	Engine Number of Cylinders:	6			
Use pull-down menu	Engine Fuel Type:	Diesel			
Gallons per year	Annual Amount of Fuel Used:	3000			
Miles per vehicle	Annual Miles Traveled:	21,600			
Hours per engine	Annual Idling Hours:	800			
Years per engine; Total number of years of engine life remaining at time of upgrade action	Remaining Life:	20			
Year in which vehicle would normally be retired/sold by the fleet owner if not for the grant	Normal Attrition Year:	2040			
Use pull-down menu	Year of Upgrade Action:	2020			
Use pull-down menu	Upgrade Type:	Vehicle Replacement			
Use pull-down menu	Upgrade:	Vehicle Replacement - Diesel			
Cost of vehicle or equipment only	Upgrade Cost Per Unit:	149,015.00			
Cost of labor to install equipment ("N/A" if vehicle replacement)	Upgrade Labor Cost Per Unit:	0			
Use pull-down menu	New Engine Model Year:	2020			
	New Engine Horsepower:	300			
Liters per cylinder	New Engine Cylinder Displacement:	6			
	New Engine Number of Cylinders:	6			
Use pull-down menu	New Engine Fuel Type:	Diesel			
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:	567 Estimated			
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	1000 Estimated			

COPY AND PASTE ADDITIONAL COLUMNS AS NEEDED TO CAPTURE ALL ENGINE/VEHICLE GROUPS

Grant Recipient	Edmond Public Schools
Reporting Period	October - December, 2020

Instructions / Units	Fleet Information	Group 1	Group 2	Group 3	Group 4	Group 5	Group 6	Group 7	Group 8	Group 9	Group 10
This is 2018	Fiscal Year of EPA Funds Used:	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019
	Vehicle Name:	School Bus #2	School Bus #23	School Bus #80	School Bus #43	School Bus #31	School Bus #3	School Bus #82	School Bus #56	School Bus #76	School Bus #25
	Vehicle Owner:	Edmond Public Schools	Edmond Public Schools	Edmond Public Schools	Edmond Public Schools	Edmond Public Schools	Edmond Public Schools	Edmond Public Schools	Edmond Public Schools	Edmond Public Schools	Edmond Public Schools
This is On Highway	Vehicle Type:	On Highway	On Highway	On Highway	On Highway	On Highway	On Highway	On Highway	On Highway	On Highway	On Highway
Leave this row blank	Primary Place of Performance										
	- State(s):	Oklahoma	Oklahoma	Oklahoma	Oklahoma	Oklahoma	Oklahoma	Oklahoma	Oklahoma	Oklahoma	Oklahoma
	- County:	Oklahoma	Oklahoma	Oklahoma	Oklahoma	Oklahoma	Oklahoma	Oklahoma	Oklahoma	Oklahoma	Oklahoma
	- City:	Edmond	Edmond	Edmond	Edmond	Edmond	Edmond	Edmond	Edmond	Edmond	Edmond
	- Zip Code:	73003	73003	73003	73003	73003	73003	73003	73003	73003	73003
Use pull-down menu	Target:	School Bus	School Bus	School Bus	School Bus	School Bus	School Bus	School Bus	School Bus	School Bus	School Bus
Use pull-down menu	Vehicle Class or Equipment Type:	School Buses	School Buses	School Buses	School Buses	School Buses	School Buses	School Buses	School Buses	School Buses	School Buses
This is "1" Enter one vehicle per column	Quantity:	1	1	1	1	1	1	1	1	1	1
	Vehicle Identification Number:	4DRBUAN88B633547	4DRBUAN88B633546	4DRBUAN88B633545	4DRBRAAN13B960804	4DRBRAAN52B947357	4DRBRAAN22B947350	4DRBUAN88B633543	4DRBUAN59B068143	4DRBUAN28B633544	4DRBUAN99B068145
	Vehicle Make:	International	International	International	International	International	International	International	International	International	International
	Vehicle Model:	CE300	CE300	CE300	IC3S530	IC3S530	IC3S530	CE300	CE300	CE300	CE300
Use pull-down menu	Vehicle Model Year:	2008	2008	2008	2003	2002	2002	2008	2009	2008	2009
	Engine Serial Number:	466HMZU3002847	466HMZU3002503	466HMZU3002442	470HMZU1397568	470HMZU1349470	470HMZU1348623	466HMZU30002450	466HMZU3031471	466HMZU3002488	466HMZU3031465
	Engine Make:	International	International	International	International	International	International	International	International	International	International
Use pull-down menu	Engine Model:	DT466	DT466	DT466	DT466E	DT466E	DT466E	DT466	DT466	DT466	DT466
	Engine Model Year:	2007	2007	2007	2002	2002	2002	2008	2008	2007	2008
	Engine Horsepower:	210	210	210	195	195	195	210	210	210	210
Liters per cylinder	Engine Cylinder Displacement:	466 cubic inch	466 cubic inch	466 cubic inch	466 cubic inch	466 cubic inch	466 cubic inch	466 cubic inch	466 cubic inch	466 cubic inch	466 cubic inch
	Engine Number of Cylinders:	6	6	6	6	6	6	6	6	6	6
Use pull-down menu	Engine Fuel Type:	ULSD	ULSD	ULSD	ULSD	ULSD	ULSD	ULSD	ULSD	ULSD	ULSD
Gallons per year	Annual Amount of Fuel Used:	2,199	1,642	1,421	1,244	1,368	970	1,793	1,713	1,708	2,140
Miles per vehicle	Annual Miles Traveled:	16,497	12,319	10,658	9,336	10,266	7,278	13,450	12,852	12,817	16,050
Hours per engine	Annual Idling Hours:	80	60	52	45	50	35	65	62	62	77
Years per engine; Total number of years of engine life remaining at time of upgrade action	Remaining Life:	13	13	13	6	7	7	13	14	13	14
Year in which vehicle would normally be retired/sold by the fleet owner if not for the grant	Normal Attrition Year:	2033	2033	2033	2028	2027	2027	2033	2034	2033	2034
Use pull-down menu	Year of Upgrade Action:	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020
Use pull-down menu	Upgrade Type:	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement
Use pull-down menu	Upgrade:	Vehicle Replacement - Gasoline	Vehicle Replacement - Gasoline	Vehicle Replacement - Gasoline	Vehicle Replacement - Gasoline	Vehicle Replacement - Gasoline	Vehicle Replacement - Gasoline	Vehicle Replacement - Gasoline	Vehicle Replacement - Gasoline	Vehicle Replacement - Gasoline	Vehicle Replacement - Gasoline
Cost of vehicle or equipment only	Upgrade Cost Per Unit:	\$95,843	\$95,843	\$95,843	\$95,843	\$95,843	\$95,843	\$95,843	\$95,843	\$95,843	\$95,843
Cost of labor to install equipment ("N/A" if vehicle replacement)	Upgrade Labor Cost Per Unit:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Use pull-down menu	New Engine Model Year:	2021	2021	2021	2021	2021	2021	2021	2021	2021	2021
	New Engine Horsepower:	320	320	320	320	320	320	320	320	320	320
Liters per cylinder	New Engine Cylinder Displacement:	413 cubic inch	413 cubic inch	413 cubic inch	413 cubic inch	413 cubic inch	413 cubic inch	413 cubic inch	413 cubic inch	413 cubic inch	413 cubic inch
	New Engine Number of Cylinders:	10	10	10	10	10	10	10	10	10	10
Use pull-down menu	New Engine Fuel Type:	Gasoline	Gasoline	Gasoline	Gasoline	Gasoline	Gasoline	Gasoline	Gasoline	Gasoline	Gasoline
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	2,199	1,642	1,421	1,244	1,368	970	1,793	1,713	1,708	2,140

COPY AND PASTE ADDITIONAL COLUMNS AS NEEDED TO CAPTURE ALL ENGINE/VEHICLE GROUPS

Instructions / Units	Fleet Information	Group 1	Group 2	Group 3	Group 4
This is 2018	Fiscal Year of EPA Funds Used:	2019	2019	2019	
	Vehicle Name:	Ft Towson 1	Ft Towson 2	Ft Towson 3	
	Vehicle Owner:	Fort Towson PS	Fort Towson PS	Fort Towson PS	
This is On Highway	Vehicle Type:	On Highway	On Highway	On Highway	
Leave this row blank	Primary Place of Performance	Oklahoma	Oklahoma	Oklahoma	
	- State(s):	Oklahoma	Oklahoma	Oklahoma	
	- County:	Choctaw	Choctaw	Choctaw	
	- City:	Fort Towson	Fort Towson	Fort Towson	
	- Zip Code:	74735	74735	74735	
Use pull-down menu	Target:	School Bus	School Bus	School Bus	
Use pull-down menu	Vehicle Class or Equipment Type:	School Buses	School Buses	School Buses	
This is "1"/Enter one vehicle per column	Quantity:	1	1	1	
	Vehicle Identification Number:	4DRBUAFPX5B9849	4UZAAXCT44CM766	1BAKGCPH49F2665	
	Vehicle Make:	International	Thomas	Blue Bird	
	Vehicle Model:	School Bus	School Bus	School Bus	
Use pull-down menu	Vehicle Model Year:	2005	2004	2009	
	Engine Serial Number:	5B984935	906338816	46939379	
	Engine Make:	Cummins	Cummins	Cummins	
	Engine Model:	School Bus	School Bus	School Bus	
Use pull-down menu	Engine Model Year:	2005	2004	2009	
	Engine Horsepower:	210	210	210	
Liters per cylinder	Engine Cylinder Displacement:	505 LB-FT	505 LB-FT	505 LB-FT	
	Engine Number of Cylinders:	6	6	6	
Use pull-down menu	Engine Fuel Type:	ULSD	ULSD	ULSD	
Gallons per year	Annual Amount of Fuel Used:	1164	2883	1164	
Miles per vehicle	Annual Miles Traveled:	6639	8478	12426	
Hours per engine	Annual Idling Hours:	71	69	71	
Years per engine; Total number of years of engine life remaining at time of upgrade action	Remaining Life:	5	5	5	
Year in which vehicle would normally be retired/sold by the fleet owner if not for the grant	Normal Attrition Year:	2025	2025	2025	
Use pull-down menu	Year of Upgrade Action:	2020	2020	2020	
Use pull-down menu	Upgrade Type:	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	
Use pull-down menu	Upgrade:	Vehicle Replacement - Diesel	Vehicle Replacement - Diesel	Vehicle Replacement - Diesel	
Cost of vehicle or equipment only	Upgrade Cost Per Unit:	\$86,010	\$86,010	\$100,812	
Cost of labor to install equipment ("N/A" if vehicle replacement)	Upgrade Labor Cost Per Unit:	N/A	N/A	N/A	
Use pull-down menu	New Engine Model Year:	2021	2021	2021	
	New Engine Horsepower:	220	220	220	
Liters per cylinder	New Engine Cylinder Displacement:	520 lb-ft	520 lb-ft	520 lb-ft	
	New Engine Number of Cylinders:	6	6	6	
Use pull-down menu	New Engine Fuel Type:	Diesel	Diesel	Diesel	
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:	10	10	10	
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	100	100	100	

COPY AND PASTE ADDITIONAL COLUMNS AS NEEDED TO CAPTURE ALL ENGINE/VEHICLE GROUPS



Instructions / Units	Fleet Information	Group 1	Group 2	Group 3	Group 4
This is 2018	Fiscal Year of EPA Funds Used:	2019			
	Vehicle Name:	School Bus #7			
	Vehicle Owner:	Lexington Public Schools			
This is On Highway	Vehicle Type:	On Highway			
Leave this row blank	Primary Place of Performance				
	- State(s):	Oklahoma			
	- County:	Cleveland			
	- City:	Lexington			
	- Zip Code:	73051			
Use pull-down menu	Target:	School Bus			
Use pull-down menu	Vehicle Class or Equipment Type:	School Buses			
This is "1"/Enter one vehicle per column	Quantity:	1			
	Vehicle Identification Number:	1HVBBAAP3VH472958			
	Vehicle Make:	Blue Bird Body Company			
	Vehicle Model:	School Bus			
Use pull-down menu	Vehicle Model Year:	1998			
	Engine Serial Number:	469HM2U1033269			
	Engine Make:	International			
	Engine Model:	DT 466E			
Use pull-down menu	Engine Model Year:	1997			
	Engine Horsepower:	190			
Liters per cylinder	Engine Cylinder Displacement:	466 in3/7.6L			
	Engine Number of Cylinders:	inline 6			
Use pull-down menu	Engine Fuel Type:	ULSD			
Gallons per year	Annual Amount of Fuel Used:	1815			
Miles per vehicle	Annual Miles Traveled:	11349			
Hours per engine	Annual Idling Hours:	31			
Years per engine; Total number of years of engine life remaining at time of upgrade action	Remaining Life:	0			
Year in which vehicle would normally be retired/sold by the fleet owner if not for the grant	Normal Attrition Year:	2012			
Use pull-down menu	Year of Upgrade Action:	2020			
Use pull-down menu	Upgrade Type:	Vehicle Replacement			
Use pull-down menu	Upgrade:	Vehicle Replacement - Diesel			
Cost of vehicle or equipment only	Upgrade Cost Per Unit:	\$75,560			
Cost of labor to install equipment ("N/A" if vehicle replacement)	Upgrade Labor Cost Per Unit:	0			
Use pull-down menu	New Engine Model Year:	2021			
	New Engine Horsepower:	220			
Liters per cylinder	New Engine Cylinder Displacement:	6.7L			
	New Engine Number of Cylinders:	6			
Use pull-down menu	New Engine Fuel Type:	Bio Diesel 5			
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:	40			
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	136			

COPY AND PASTE ADDITIONAL COLUMNS AS NEEDED TO CAPTURE ALL ENGINE/VEHICLE GROUPS

Instructions / Units	Fleet Information	Group 1	Group 2	Group 3	Group 4
This is 2018	Fiscal Year of EPA Funds Used:	2019	2019		
	Vehicle Name:	Route Bus 4	Route Bus 6		
	Vehicle Owner:	Middleberg School	Middleberg School		
This is On Highway	Vehicle Type:	On Highway	On Highway		
Leave this row blank	Primary Place of Performance	Highway	Highway		
	- State(s):	OK	OK		
	- County:	Grady	Grady		
	- City:	Blanchard	Blanchard		
	- Zip Code:	73010	73010		
Use pull-down menu	Target:	School Bus	School Bus		
Use pull-down menu	Vehicle Class or Equipment Type:	School Buses	School Buses		
This is "1"/Enter one vehicle per column	Quantity:	1	1		
	Vehicle Identification Number:	1BAKCKH86F235816	4DRBUSKP1AB166552		
	Vehicle Make:	Bluebird	International		
	Vehicle Model:	Vision	3800		
Use pull-down menu	Vehicle Model Year:	2006	2010		
	Engine Serial Number:	WAX04917	AB166552		
	Engine Make:	CAT	IHC Maxforce		
	Engine Model:	C-7	DT-466		
Use pull-down menu	Engine Model Year:	2006	2008		
	Engine Horsepower:	210	230		
Liters per cylinder	Engine Cylinder Displacement:	7.2	7.2		
	Engine Number of Cylinders:	6	6		
Use pull-down menu	Engine Fuel Type:	ULSD	ULSD		
Gallons per year	Annual Amount of Fuel Used:	1080	1080		
Miles per vehicle	Annual Miles Traveled:	9000	9000		
Hours per engine	Annual Idling Hours:	108	108		
Years per engine; Total number of years of engine life remaining at time of upgrade action	Remaining Life:	2	2		
Year in which vehicle would normally be retired/sold by the fleet owner if not for the grant	Normal Attrition Year:	2021	2021		
Use pull-down menu	Year of Upgrade Action:	2020	2020		
Use pull-down menu	Upgrade Type:	Vehicle Replacement	Vehicle Replacement		
Use pull-down menu	Upgrade:	Vehicle Replacement - Diesel	Vehicle Replacement - Diesel		
Cost of vehicle or equipment only	Upgrade Cost Per Unit:	89,827	89,827		
Cost of labor to install equipment ("N/A" if vehicle replacement)	Upgrade Labor Cost Per Unit:	NA	na		
Use pull-down menu	New Engine Model Year:	2017	2017		
	New Engine Horsepower:	6	6		
Liters per cylinder	New Engine Cylinder Displacement:	6.7	6.7		
	New Engine Number of Cylinders:	6	6		
Use pull-down menu	New Engine Fuel Type:	ULSD	ULSD		
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:	79	79		
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	100	100		

COPY AND PASTE ADDITIONAL COLUMNS AS NEEDED TO CAPTURE ALL ENGINE/VEHICLE GROUPS



Instructions / Units	Fleet Information	Group 1	Group 2	Group 3	Group 4
This is 2018	Fiscal Year of EPA Funds Used:	2019			
	Vehicle Name:	Thomas C2			
	Vehicle Owner:	Mounds Public Schools			
This is On Highway	Vehicle Type:	On Highway			
Leave this row blank	Primary Place of Performance	Mounds			
	- State(s):	OK			
	- County:	Creek			
	- City:	Mounds			
	- Zip Code:	74047			
Use pull-down menu	Target:	School Bus			
Use pull-down menu	Vehicle Class or Equipment Type:	School Buses			
This is "1"/Enter one vehicle per column	Quantity:	1BAKGCKH28F252912			
	Vehicle Identification Number:	1			
	Vehicle Make:	2020			
	Vehicle Model:	C2			
Use pull-down menu	Vehicle Model Year:	2020			
	Engine Serial Number:	C7S03620			
	Engine Make:	Caterpillar			
	Engine Model:	C7 Acert			
Use pull-down menu	Engine Model Year:	2007			
	Engine Horsepower:	350 BHP			
Liters per cylinder	Engine Cylinder Displacement:	7.2			
	Engine Number of Cylinders:	6			
Use pull-down menu	Engine Fuel Type:	Diesel			
Gallons per year	Annual Amount of Fuel Used:	1000			
Miles per vehicle	Annual Miles Traveled:	6800			
Hours per engine	Annual Idling Hours:	85			
Years per engine; Total number of years of engine life remaining at time of upgrade action	Remaining Life:	8			
Year in which vehicle would normally be retired/sold by the fleet owner if not for the grant	Normal Attrition Year:	2028			
Use pull-down menu	Year of Upgrade Action:	2020			
Use pull-down menu	Upgrade Type:	Vehicle Replacement			
Use pull-down menu	Upgrade:	Vehicle Replacement - Diesel			
Cost of vehicle or equipment only	Upgrade Cost Per Unit:	79956			
Cost of labor to install equipment ("N/A" if vehicle replacement)	Upgrade Labor Cost Per Unit:	0			
Use pull-down menu	New Engine Model Year:	2020			
	New Engine Horsepower:	320			
Liters per cylinder	New Engine Cylinder Displacement:	6.7			
	New Engine Number of Cylinders:	6			
Use pull-down menu	New Engine Fuel Type:	ULSD			
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:	70			
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	100			

COPY AND PASTE ADDITIONAL COLUMNS AS NEEDED TO CAPTURE ALL ENGINE/VEHICLE GROUPS

Grant Recipient	Mustang Public Schools
Reporting Period	October - December, 2020

Instructions / Units	Fleet Information	Group 1	Group 2	Group 3	Group 4
This is 2018	Fiscal Year of EPA Funds Used:	2019	2019	2019	
	Vehicle Name:	International	International	International	
	Vehicle Owner:	Mustang Public Schools	Mustang Public Schools	Mustang Public Schools	
This is On Highway	Vehicle Type:	On Highway	On Highway	On Highway	
Leave this row blank	Primary Place of Performance				
	- State(s):	Oklahoma	Oklahoma	Oklahoma	
	- County:	Canadian	Canadian	Canadian	
	- City:	Mustang	Mustang	Mustang	
	- Zip Code:	73064	73064	73064	
Use pull-down menu	Target:	School Bus	School Bus	School Bus	
Use pull-down menu	Vehicle Class or Equipment Type:	School Buses	School Buses	School Buses	
This is "1"/Enter one vehicle per column	Quantity:	1	1	1	
	Vehicle Identification Number:	1HVBBABN2YH282943	1HVBBABN71H397950	1GBM7T1C42J514927	
	Vehicle Make:	INTERNATIONAL	INTERNATIONAL	CHEVY	
	Vehicle Model:	SCHOOL BUS	SCHOOL BUS	SCHOOL BUS	
Use pull-down menu	Vehicle Model Year:	2000	2000	2003	
	Engine Serial Number:	XNVXH0444ANR	CKM54879	YNVXHO444ANB	
	Engine Make:	IHC - Navistay	CAT	IHC	
	Engine Model:	T-444e	3126	T-444E	
Use pull-down menu	Engine Model Year:	2000	2000	2003	
	Engine Horsepower:	330	207	210	
Liters per cylinder	Engine Cylinder Displacement:	7.3	7.3	7.3	
	Engine Number of Cylinders:	8	8	8	
Use pull-down menu	Engine Fuel Type:	ULSD	ULSD	ULSD	
Gallons per year	Annual Amount of Fuel Used:	2300	2200	2500	
Miles per vehicle	Annual Miles Traveled:	10000	11000	14000	
Hours per engine	Annual Idling Hours:	150	150	150	
Years per engine; Total number of years of engine life remaining at time of upgrade	Remaining Life:	3	3	3	
Year in which vehicle would normally be retired/sold by the fleet owner if not for the	Normal Attrition Year:	2024	2024	2024	
Use pull-down menu	Year of Upgrade Action:	2020	2020	2020	
Use pull-down menu	Upgrade Type:	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	
Use pull-down menu	Upgrade:	Vehicle Replacement - Gasoline	Engine Replacement - Gasoline	Engine Replacement - Gasoline	
Cost of vehicle or equipment only	Upgrade Cost Per Unit:	90877	90877	90877	
Cost of labor to install equipment ("N/A" if vehicle replacement)	Upgrade Labor Cost Per Unit:	0	0	0	
Use pull-down menu	New Engine Model Year:	2020	2020	2020	
	New Engine Horsepower:	320 HP	320 HP	320 HP	
Liters per cylinder	New Engine Cylinder Displacement:	6.8	6.8	6.8	
	New Engine Number of Cylinders:	3	3	3	
Use pull-down menu	New Engine Fuel Type:	Gasoline	Gasoline	Gasoline	
Hours per vehicle; Number of idling hours that will not occur due to new	Annual Idling Hours Reduced:	70	70	70	
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	2300	2200	2500	

COPY AND PASTE ADDITIONAL COLUMNS AS NEEDED TO CAPTURE ALL ENGINE/VEHICLE GROUPS

COPY AND PASTE ADDITIONAL COLUMNS AS NEEDED TO CAPTURE ALL ENGINE/VEHICLE GROUPS

Instructions / Units	Fleet Information	Group 1	Group 2	Group 3	Group 4
This is 2018	Fiscal Year of EPA Funds Used:	2019	2019		
	Vehicle Name:	Noble 1	Noble 2		
	Vehicle Owner:	Noble Public Schools	Noble Public Schools		
This is On Highway	Vehicle Type:	On Highway	On Highway		
Leave this row blank	Primary Place of Performance	Noble	Noble		
	- State(s):	OK	OK		
	- County:	Cleveland	Cleveland		
	- City:	Noble	Noble		
	- Zip Code:	73068	73068		
Use pull-down menu	Target:	School Bus	School Bus		
Use pull-down menu	Vehicle Class or Equipment Type:	School Buses	School Buses		
This is "1"/Enter one vehicle per column	Quantity:	1	1		
	Vehicle Identification Number:	4DRBUSKP89B115509	1BAKCCPH78F249833		
	Vehicle Make:	International	Blue Bird		
	Vehicle Model:	PB10500/CE200	Vision		
Use pull-down menu	Vehicle Model Year:	2009	2008		
	Engine Serial Number:	8NVXH0290AGA	46756919		
	Engine Make:	Max Force 7	Cummins		
	Engine Model:	6.4 Diesel	6.7 Diesel		
Use pull-down menu	Engine Model Year:	2008	2009		
	Engine Horsepower:	230	200		
Liters per cylinder	Engine Cylinder Displacement:	6.7	6.4		
	Engine Number of Cylinders:	8	6		
Use pull-down menu	Engine Fuel Type:	ULSD	ULSD		
Gallons per year	Annual Amount of Fuel Used:	2700	2950		
Miles per vehicle	Annual Miles Traveled:	22000	22000		
Hours per engine	Annual Idling Hours:	20	20		
Years per engine; Total number of years of engine life remaining at time of upgrade action	Remaining Life:	3	2		
Year in which vehicle would normally be retired/sold by the fleet owner if not for the grant	Normal Attrition Year:	2028	2029		
Use pull-down menu	Year of Upgrade Action:	2020	2020		
Use pull-down menu	Upgrade Type:	Vehicle Replacement	Vehicle Replacement		
Use pull-down menu	Upgrade:	Vehicle Replacement - Diesel	Vehicle Replacement - Diesel		
Cost of vehicle or equipment only	Upgrade Cost Per Unit:	\$78,819	\$94,729		
Cost of labor to install equipment ("N/A" if vehicle replacement)	Upgrade Labor Cost Per Unit:	0	0		
Use pull-down menu	New Engine Model Year:	2021	2021		
	New Engine Horsepower:	362	362		
Liters per cylinder	New Engine Cylinder Displacement:	B6.7	B6.7		
	New Engine Number of Cylinders:	6	6		
Use pull-down menu	New Engine Fuel Type:	ULSD	ULSD		
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:	26	26		
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	200	200		

COPY AND PASTE ADDITIONAL COLUMNS AS NEEDED TO CAPTURE ALL ENGINE/VEHICLE GROUPS

Instructions / Units	Fleet Information	Group 1	Group 2	Group 3	Group 4
This is 2018	Fiscal Year of EPA Funds Used:	2019			
	Vehicle Name:	International			
	Vehicle Owner:	Silo Public Schools			
This is On Highway	Vehicle Type:	On Highway			
Leave this row blank	Primary Place of Performance	Bryan County			
	- State(s):	Okalhoma			
	- County:	Bryan			
	- City:	Silo			
	- Zip Code:	74701			
Use pull-down menu	Target:	School Bus			
Use pull-down menu	Vehicle Class or Equipment Type:	School Buses			
This is "1"/Enter one vehicle per column	Quantity:	1			
	Vehicle Identification Number:	1HVBBAAP2XH210061			
	Vehicle Make:	29000 lbs			
	Vehicle Model:	466			
Use pull-down menu	Vehicle Model Year:	1999			
	Engine Serial Number:	1HVBBAAP2XH210061			
	Engine Make:	International			
	Engine Model:	466			
Use pull-down menu	Engine Model Year:	1999			
	Engine Horsepower:	210			
Liters per cylinder	Engine Cylinder Displacement:	7.6			
	Engine Number of Cylinders:	6			
Use pull-down menu	Engine Fuel Type:	ULSD			
Gallons per year	Annual Amount of Fuel Used:	1080			
Miles per vehicle	Annual Miles Traveled:	5200			
Hours per engine	Annual Idling Hours:	250			
Years per engine; Total number of years of engine life remaining at time of upgrade action	Remaining Life:	5			
Year in which vehicle would normally be retired/sold by the fleet owner if not for the grant	Normal Attrition Year:	2025			
Use pull-down menu	Year of Upgrade Action:	2020			
Use pull-down menu	Upgrade Type:	Vehicle Replacement			
Use pull-down menu	Upgrade:	Vehicle Replacement - Diesel			
Cost of vehicle or equipment only	Upgrade Cost Per Unit:	\$106,323			
Cost of labor to install equipment ("N/A" if vehicle replacement)	Upgrade Labor Cost Per Unit:	0			
Use pull-down menu	New Engine Model Year:	2021			
	New Engine Horsepower:	240HP			
Liters per cylinder	New Engine Cylinder Displacement:	6.7L			
	New Engine Number of Cylinders:	6			
Use pull-down menu	New Engine Fuel Type:	Diesel			
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:	75			
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	350			

COPY AND PASTE ADDITIONAL COLUMNS AS NEEDED TO CAPTURE ALL ENGINE/VEHICLE GROUPS

Instructions / Units	Fleet Information	Group 1	Group 2	Group 3	Group 4
This is 2018	Fiscal Year of EPA Funds Used:	2019	2019		
	Vehicle Name:	2002 Blue Bird bus	2002 Blue Bird bus		
	Vehicle Owner:	Washington Schools	Washington Schools		
This is On Highway	Vehicle Type:	On Highway	On highway		
Leave this row blank	Primary Place of Performance				
	- State(s):	Oklahoma	Oklahoma		
	- County:	McClain	McClain		
	- City:	Washington	Washington		
	- Zip Code:	73093	73093		
Use pull-down menu	Target:	School Bus	School Bus		
Use pull-down menu	Vehicle Class or Equipment Type:	School Buses	School Buses		
This is "1"/Enter one vehicle per column	Quantity:	1	1		
	Vehicle Identification Number:	1GBL7T1C72J512360	1GBL&T1C92J512392		
	Vehicle Make:	Blue Bird Bus	Blue Bird Bus		
	Vehicle Model:	GM CV 6600	GM CV 6600		
Use pull-down menu	Vehicle Model Year:	2003	2003		
	Engine Serial Number:	CKM49574	CKM49541		
	Engine Make:	Caterpillar	Caterpillar		
	Engine Model:	3126	3126		
Use pull-down menu	Engine Model Year:	2002	2002		
	Engine Horsepower:	246	246		
Liters per cylinder	Engine Cylinder Displacement:	7.2 L	7.2 L		
	Engine Number of Cylinders:	6	6		
Use pull-down menu	Engine Fuel Type:	ULSD	ULSD		
Gallons per year	Annual Amount of Fuel Used:	2362	1750		
Miles per vehicle	Annual Miles Traveled:	9450	7000		
Hours per engine	Annual Idling Hours:	2625	2625		
Years per engine; Total number of years of engine life remaining at time of upgrade action	Remaining Life:	3	3		
Year in which vehicle would normally be retired/sold by the fleet owner if not for the grant	Normal Attrition Year:	2023	2023		
Use pull-down menu	Year of Upgrade Action:	2020	2020		
Use pull-down menu	Upgrade Type:	Vehicle Replacement	Vehicle Replacement		
Use pull-down menu	Upgrade:	Engine Replacement - Diesel	Engine Replacement - Diesel		
Cost of vehicle or equipment only	Upgrade Cost Per Unit:	88,450.00	88,450.00		
Cost of labor to install equipment ("N/A" if vehicle replacement)	Upgrade Labor Cost Per Unit:	NA	NA		
Use pull-down menu	New Engine Model Year:	2020	2020		
	New Engine Horsepower:	250	250		
Liters per cylinder	New Engine Cylinder Displacement:	6.7 L	6.7 L		
	New Engine Number of Cylinders:	6	6		
Use pull-down menu	New Engine Fuel Type:	ULSD	ULSD		
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:	825	825		
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	862	250		

COPY AND PASTE ADDITIONAL COLUMNS AS NEEDED TO CAPTURE ALL ENGINE/VEHICLE GROUPS



Note: Similar engines may be grouped together or entered as separate engine groups.

Instructions / Units	Fleet Information	Group 1	Group 2	Group 3	Group 4
	Fiscal Year of EPA Funds Used:				
	Vehicle Or Engine Group Name:				
	Fleet Owner:				
	Vehicle or Engine Group Type:				
	Primary Place of Performance				
	- State(s):				
	- County:				
	- City:				
	- Zip Code:				
	Target Fleet:				
	Vehicle Class or Equipment Type:				
	Quantity:				
	Vehicle Identification Number(s):				
	Vehicle Make:				
	Vehicle Model:				
	Vehicle Model Year:				
	Engine Serial Number(s):				
	Engine Make:				
	Engine Model:				
	Engine Model Year:				
Nonroad and locomotive only	Engine Tier:				
	Engine Horsepower:				
Liters per cylinder; Nonroad and locomotive only	Engine Cylinder Displacement:				
Number of Cylinders per engine; Nonroad and locomotive only	Engine Number of Cylinders:				
If unregulated, then NA	Engine Family Name:				
	Engine Fuel Type:				
Gallons per year per engine	Annual Amount of Fuel Used:				
Hours per year per engine; Includes idling hours; Nonroad and locomotive only	Annual Usage Rate:				
Miles per vehicle; On-Highway only	Annual Miles Traveled:				
Hours per engine; On-Highway only	Annual Idling Hours:				
Hours per year per engine; Class 8 Long-Haul Combination only	Annual Hoteling Hours:				
Years per engine; Total number of years of engine life remaining at time of upgrade action	Remaining Life:				
Year in which vehicle would normally be retired/sold by the fleet owner if not for the grant	Normal Attrition Year:				
	Year of Upgrade Action:				
	Upgrade Type:				
	Upgrade:				
Equipment price not including labor for installation	Upgrade Cost Per Unit:				
Labor cost for installation	Upgrade Labor Cost Per Unit:				
	New Engine Model Year:				
Nonroad and locomotive only	New Engine Tier:				
	New Engine Horsepower:				
Line-Haul Locomotive only	New Engine Duty Cycle:				

Liters per cylinder per engine; Nonroad and locomotive only	NEW VEHICLE/UNIT	New Engine Cylinder Displacement:				
Per engine; Nonroad and locomotive only		New Engine Number of Cylinders:				
		New Engine Family Name:				
		New Engine Fuel Type:				
Hours per vehicle; On-Highway only		Annual Idling Hours:				
Hours per vehicle; Class 8 Long-Haul Combination only		Annual Hoteling Hours Reduced:				
Gallons per year per engine		Annual Amount of Fuel Used:				

COPY AND PASTE ADDITIONAL COLUMNS AS NEEDED TO CAPTURE ALL ENGINE/VEHICLE GROUPS



**U. S. Environmental Protection Agency  
State Clean Diesel Grant Program - Quarterly Report**

<b>Grant Recipient</b>	<b>OK Dept. of Environmental Quality</b>
<b>Grant #</b>	<b>01F65501-1</b>
<b>Reporting Period</b>	<b>January-March 2021</b>

**Instructions:** Complete all relevant fields in this worksheet and use the other worksheets in this excel file to provide your project fleet descriptions.

<b>WORKPLAN BUDGET</b>	<b>FY19</b>	<b>FY20</b>
<b>Total EPA Funds Awarded</b>	\$480,177	\$507,011
<b>Total Mandatory Cost-Share</b>	\$2,112,324	\$2,353,185
<b>Total Voluntary Matching Funds</b>	\$320,110	\$338,007
<b>Total Project Costs</b>	\$2,912,611	\$3,198,203

**Table 1. Rate of Expenditure. Record all funds expended for each budget category.**

	Federal Funds Expended this Reporting Period	Mandatory Cost-Share Expended this Reporting Period	Voluntary Match Expended this Reporting Period		Cumulative Federal Funds Expended	Cumulative Mandatory Cost-Share Expended	Cumulative Voluntary Match Expended	
			VW Mitigation Funds	Other Funds			VW Mitigation Funds	Other Funds
Personnel	\$4,099.09		\$2,732.66		\$16,406.40		\$10,937.36	
Fringe Benefits	\$2,632.78		\$1,754.87		\$9,647.00		\$6,430.07	
Travel								
Equipment								
Supplies								
Contractual								
Subawards								
Participant Support Costs (e.g., Rebates)								
Other	\$59,804.90	\$332,856.25	\$39,869.90		\$416,591.80	\$2,166,005.34	\$277,727.86	
Indirect Charges	\$1,732.69		\$1,155.07		\$6,897.38		\$4,597.93	
<b>TOTALS</b>	<b>\$68,269.46</b>	<b>\$332,856.25</b>	<b>\$45,512.50</b>	<b>\$0.00</b>	<b>\$449,542.58</b>	<b>\$2,166,005.34</b>	<b>\$299,693.22</b>	<b>\$0.00</b>

**Table 2. Narrative Responses**

<b>Question</b>	<b>Answer</b>
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<p>What actual accomplishments occurred during the reporting period?</p>	<p>All of the projects for the FY19 grant have been completed and reimbursements received.</p> <p>For the FY20 grant, fifteen awardees have been notified of selection and have accepted the award. Prior to beginning each project, DEQ requires that a Memorandum of Agreement (MOA) be signed between DEQ and the recipients. It is also required that a DEQ Purchase Order be created. All of the schools' MOAs have been executed and four schools are awaiting purchase orders. Eleven Schools have been sent Notices to Proceed and are able to start their projects.</p>
<p>Did you award any rebates or subawards during the reporting period? If so, list the recipients and how much funding they received.</p>	<p>Yes, see "FY20 Awardees" for full award list.</p> <p>Two FY19 Awardees were reimbursed during this quarter, Fort Towson Public Schools was awarded \$59,750 and Davenport Public Schools was awarded \$39,924.75. See "FY19 Awardees" for full award list.</p>
<p>Provide a comparison of actual accomplishments with the anticipated outputs/outcomes and timelines/milestones specified in the project Work Plan.</p>	<p>We expected to have sent the Notices to Proceed to all the FY20 schools by March 1, 2021. The DEQ is still awaiting four purchase orders to be able to send the last of the Notices to Proceed. DEQ is on track with all other milestones and anticipate timely completion of grant projects.</p>
<p>If anticipated outputs/outcomes and/or timelines/milestones are not met, why not? Did you encounter any problems during the reporting period which may interfere with meeting the project objectives?</p>	<p>It took longer than expected to get the MOAs fully executed and the Purchase Orders assigned. The DEQ is currently in a work from home status and it is harder to estimate how long the process will take. Even with this slight delay we expect the projects to be finished by the deadline.</p>
<p>How do you propose to remedy any problems? Identify how and the date you will get back on course to meet the anticipated outputs/outcomes and/or timelines/milestones specified in the project work plan.</p>	<p>The DEQ expects the Purchase Orders to be done in the next week and the last four Notices to Proceed sent soon afterwards. We don't foresee a setback in the schools being able to complete their projects in a timely matter.</p>
<p>If any cost-shares are reported for this Reporting Period in Table 1 above, identify the source of the funds.</p>	<p>See "FY19 Awardees" tab for reported cost-shares.</p>
<p>Was any program income generated during the reporting period? Identify amount of program income, how it was generated, and how the program income was/will be used.</p>	<p>No program income was generated during this reporting period.</p>
<p>Did any public relations events regarding this grant take place during the reporting period?</p>	<p>The list of awardees, their award amounts, and how many buses they are replacing was put on our agency website. Because VW funds were used as a state match, Oklahoma's DERA workplan was also included in our semiannual report to Wilmington Trust, which is placed on a public website, listed below.</p>

<p>What is the URL for the state website listing the total number and dollar amount of subawards, rebates, or loans provided, as well as a breakdown of the technologies funded? Please also list any other state websites used for outreach related to the State DERA Grant Program.</p>	<p><a href="https://www.deq.ok.gov/air-quality-division/air-grants-funding-programs/air-funding-program-recipients">https://www.deq.ok.gov/air-quality-division/air-grants-funding-programs/air-funding-program-recipients</a> <a href="https://www.vwenvironmentalmitigationtrust.com/">https://www.vwenvironmentalmitigationtrust.com/</a></p>
<p>What project activities are planned for the next reporting period?</p>	<p>During the April-June, 2021 quarter DEQ plans to send out the final four Notices to Proceed, which will allow all the schools to start their projects.</p>

<p align="center"><b>Table 3. Subaward Reporting Requirements</b></p>	
<p align="center"><b>Requirement</b></p>	<p align="center"><b>Response</b></p>
<p>Summaries of results of reviews of financial and programmatic reports</p>	<p>During this quarter, \$68,269.46 of federal funds have been used. The cumulated federal funds expended is \$449,542.63. These funds went toward personnel, fringe, travel, subawards, and indirect charges. Zero dollars of Oklahoma funds (not VW) have been used. The Mandatory Cost-Share from this quarter was \$332,856.25. These funds would represent the subgrantees' portions of all vehicles and/or equipment purchased. This quarter, \$45,512.50 of Oklahoma VW funds have been used with a cumulative total of \$299,693.22. These funds went toward subawards only.</p>
<p>Summaries of findings from site visits and/or desk reviews to ensure effective subrecipient performance</p>	<p>No site visits were done during this quarter.</p>
<p>Environmental results the subrecipient achieved</p>	<p>Through the scrappage and dismantling of old diesel vehicles, subrecipients are contributing to environmental benefits by getting high polluting vehicles off the road and replacing them with newer vehicles that emit fewer emissions. The four school bus replacement from the two schools that were reimbursed during this quarter will have a lifetime reduction of 1.727 lifetime short tons<sup>2</sup> of NO<sub>x</sub>, 0.101 lifetime short tons<sup>2</sup> of PM 2.5, 0.192 lifetime short tons<sup>2</sup> of HC, and 0.621 lifetime short tons<sup>2</sup> of CO, based on the Diesel Emissions Calculator.</p> <p>The cumulative FY19 and FY20 program emission benefits from October 1, 2019 to March 31, 2021 are 18.35 lifetime short tons<sup>2</sup> of NO<sub>x</sub>, 1.101 lifetime short tons<sup>2</sup> of PM<sub>2.5</sub>, 2.503 lifetime short tons<sup>2</sup> of HC, and 6.625 lifetime short tons<sup>2</sup> of CO.</p>
<p>Summaries of audit findings and related pass-through entity management decisions</p>	<p>No audits or pass-through entity management decisions have been made.</p>
<p>Actions the pass-through entity has taken to correct deficiencies such as those specified at 2 CFR 200.331(e), 2 CFR 200.207 and the 2 CFR 200.338 Remedies for Noncompliance</p>	<p>N/A</p>

<b>Project Partner</b>	<b>Estimated Award Amount</b>	<b>Actual Reimbursement Amount</b>	<b>Cost Shares</b>
Edmond Public Schools	\$239,607.50	\$239,607.50	\$718,822.50
Davenport Public Schools	\$40,930.00	\$39,924.75	\$119,774.25
Mustang Public Schools	\$62,907.75	\$62,907.75	\$209,723.25
Noble Public Schools	\$42,500.00	\$42,500.00	\$127,648.00
Boswell Public Schools	\$45,000.00	\$43,823.00	\$131,471.00
Washington Public Schools	\$39,963.50	\$39,963.50	\$136,936.50
Lexington Public Schools	\$22,500.00	\$18,890.00	\$56,670.00
Middleberg Public Schools	\$43,804.00	\$43,804.00	\$135,850.00
Bishop Public Schools	\$20,920.50	\$20,920.50	\$62,962.50
Silo Public Schools	\$25,000.00	\$24,985.91	\$81,337.09
Fort Towson Public Schools	\$59,750.00	\$59,750.00	\$213,082.00
Enid Public Schools	\$38,317.00	\$37,253.75	\$111,761.25
Mounds Public Schools	\$19,989.00	\$19,989.00	\$59,967.00
<b>TOTALS</b>	<b>\$701,189.25</b>	<b>\$615,585.91</b>	<b>\$2,166,005.34</b>

Reimbursed this quarter

<b>Project Partner</b>	<b>Estimated Award Amount</b>	<b>Actual Reimbursement</b>	<b>Cost Shares</b>
Allen	\$ 26,742.25		
Cave Springs	\$ 19,882.25		
Central High	\$ 18,954.00		
Claremore	\$ 21,955.25		
Enid	\$ 38,375.00		
Fairland	\$ 19,000.00		
Kingfisher	\$ 40,000.00		
Mannford	\$ 21,000.00		
Miama	\$ 41,104.00		
Mustang	\$ 71,124.75		
Shady Grove	\$ 19,700.00		
Talihina	\$ 19,675.00		
Taloga	\$ 21,230.00		
Yukon	\$ 84,893.00		
Zaneis	\$ 20,495.00		
<b>TOTALS</b>	<b>\$ 484,130.50</b>		

Instructions / Units		Fleet Information	Group 1	Group 2	Group 3	Group 4
	This is 2018	Fiscal Year of EPA Funds Used:	2019			
		Vehicle Name:	International Bus			
		Vehicle Owner:	Bishop Public School			
	This is On Highway	Vehicle Type:	On Highway			
	Leave this row blank	Primary Place of Performance	Bishop Public School			
		- State(s):	Oklahoma			
		- County:	Comanche			
		- City:	Lawton			
		- Zip Code:	73505			
	Use pull-down menu	Target:	School Bus			
	Use pull-down menu	Vehicle Class or Equipment Type:	School Buses			
	This is "1"/Enter one vehicle per column	Quantity:	1			
		Vehicle Identification Number:	1HVBAAO11H401719			
		Vehicle Make:	International			
		Vehicle Model:	3800			
	Use pull-down menu	Vehicle Model Year:	2001			
		Engine Serial Number:	1290298			
		Engine Make:	International			
	Use pull-down menu	Engine Model:	DT466			
		Engine Model Year:	2001			
		Engine Horsepower:	190			
	Liters per cylinder	Engine Cylinder Displacement:	8.2			
		Engine Number of Cylinders:	6			
	Use pull-down menu	Engine Fuel Type:	ULSD			
	Gallons per year	Annual Amount of Fuel Used:	430			
	Miles per vehicle	Annual Miles Traveled:	2830			
	Hours per engine	Annual Idling Hours:	180			
	Years per engine; Total number of years of engine life remaining at time of upgrade action	Remaining Life:	0			
	Year in which vehicle would normally be retired/sold by the fleet owner if not for the grant	Normal Attrition Year:	2020			
	Use pull-down menu	Year of Upgrade Action:	2020			
	Use pull-down menu	Upgrade Type:	Vehicle Replacement			
	Use pull-down menu	Upgrade:	Vehicle Replacement - Diesel			
	Cost of vehicle or equipment only	Upgrade Cost Per Unit:	\$83,883			
	Cost of labor to install equipment ("N/A" if vehicle replacement)	Upgrade Labor Cost Per Unit:	\$0			
	Use pull-down menu	New Engine Model Year:	2021			
		New Engine Horsepower:	190			
	Liters per cylinder	New Engine Cylinder Displacement:	8.2			
		New Engine Number of Cylinders:	6			
	Use pull-down menu	New Engine Fuel Type:	Gasoline			
	Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:	60			
	Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	20			

COPY AND PASTE ADDITIONAL COLUMNS AS NEEDED TO CAPTURE ALL ENGINE/VEHICLE GROUPS

Instructions / Units	Fleet Information	Group 1	Group 2	Group 3	Group 4
This is 2019	Fiscal Year of EPA Funds Used:	2019	2019		
	Vehicle Name:	International	Bluebird		
	Vehicle Owner:	Boswell Public Schools	Boswell Public Schools		
This is On Highway	Vehicle Type:	On Highway	On Highway		
Leave this row blank	Primary Place of Performance	Boswell District	Boswell District		
	- State(s):	Oklahoma	Oklahoma		
	- County:	Choctaw	Choctaw		
	- City:	Boswell	Boswell		
	- Zip Code:	74727	74727		
Use pull-down menu	Target:	School Bus	School Bus		
Use pull-down menu	Vehicle Class or Equipment Type:	School Buses	School Buses		
This is "1"/Enter one vehicle per column	Quantity:	1	1		
	Vehicle Identification Number:	1HVBBAAAM9VH493612	1BAKFCKH69F256806		
	Vehicle Make:	INTL	BLUBRD		
	Vehicle Model:	380	BBCV		
Use pull-down menu	Vehicle Model Year:	1997	2009		
	Engine Serial Number:	N4VISTAR 236	7CPXH0442H1K		
	Engine Make:	Intl T444E	CAT		
	Engine Model:	7.3 L V8	C7		
Use pull-down menu	Engine Model Year:	1997	2006		
	Engine Horsepower:	210	268		
Liters per cylinder	Engine Cylinder Displacement:	V8	straight		
	Engine Number of Cylinders:	8	6		
Use pull-down menu	Engine Fuel Type:	ULSD	ULSD		
Gallons per year	Annual Amount of Fuel Used:	2400	2500		
Miles per vehicle	Annual Miles Traveled:	4500	4800		
Hours per engine	Annual Idling Hours:	150	150		
Years per engine; Total number of years of engine life remaining at time of upgrade action	Remaining Life:	3	8		
Year in which vehicle would normally be retired/sold by the fleet owner if not for the grant	Normal Attrition Year:	2022	2028		
Use pull-down menu	Year of Upgrade Action:	2020	2020		
Use pull-down menu	Upgrade Type:	Vehicle Replacement	Vehicle Replacement		
Use pull-down menu	Upgrade:	Vehicle Replacement - Diesel	Vehicle Replacement - Diesel		
Cost of vehicle or equipment only	Upgrade Cost Per Unit:	\$87,647.00	\$87,647.00		
Cost of labor to install equipment ("N/A" if vehicle replacement)	Upgrade Labor Cost Per Unit:	0	0		
Use pull-down menu	New Engine Model Year:	2021	2021		
	New Engine Horsepower:	300	300		
Liters per cylinder	New Engine Cylinder Displacement:	8.9	8.9		
	New Engine Number of Cylinders:	6	6		
Use pull-down menu	New Engine Fuel Type:	ULSD	ULSD		
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:	50	50		
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	200	200		

COPY AND PASTE ADDITIONAL COLUMNS AS NEEDED TO CAPTURE ALL ENGINE/VEHICLE GROUPS

Instructions / Units	Fleet Information	Group 1	Group 2	Group 3	Group 4
This is 2018	Fiscal Year of EPA Funds Used:	2019			
	Vehicle Name:	1997 Thomas Type-D School Bus			
	Vehicle Owner:	Davenport Public School			
This is On Highway	Vehicle Type:	On Highway			
Leave this row blank	Primary Place of Performance	Davenport			
	- State(s):	Oklahoma			
	- County:	Lincoln			
	- City:	Davenport			
	- Zip Code:	74026			
Use pull-down menu	Target:	School Bus			
Use pull-down menu	Vehicle Class or Equipment Type:	School Buses			
This is "1"/Enter one vehicle per column	Quantity:	1			
	Vehicle Identification Number:	1T7HT4B21X1075832			
	Vehicle Make:	Thomas			
	Vehicle Model:	School bus			
Use pull-down menu	Vehicle Model Year:	1998			
	Engine Serial Number:	45783722			
	Engine Make:	Cummins			
	Engine Model:	ER1SC250			
Use pull-down menu	Engine Model Year:	1998			
	Engine Horsepower:	230			
Liters per cylinder	Engine Cylinder Displacement:	5.9 Liters			
	Engine Number of Cylinders:	6			
Use pull-down menu	Engine Fuel Type:	ULSD			
Gallons per year	Annual Amount of Fuel Used:	833			
Miles per vehicle	Annual Miles Traveled:	5000			
Hours per engine	Annual Idling Hours:	25			
Years per engine; Total number of years of engine life remaining at time of upgrade action	Remaining Life:	10			
Year in which vehicle would normally be retired/sold by the fleet owner if not for the grant	Normal Attrition Year:	2030			
Use pull-down menu	Year of Upgrade Action:	2020			
Use pull-down menu	Upgrade Type:	Vehicle Replacement			
Use pull-down menu	Upgrade:	Vehicle Replacement - Diesel			
Cost of vehicle or equipment only	Upgrade Cost Per Unit:	163,720.00			
Cost of labor to install equipment ("N/A" if vehicle replacement)	Upgrade Labor Cost Per Unit:	N/A			
Use pull-down menu	New Engine Model Year:	2021			
	New Engine Horsepower:	300			
Liters per cylinder	New Engine Cylinder Displacement:	8.9 Liters			
	New Engine Number of Cylinders:	6			
Use pull-down menu	New Engine Fuel Type:	ULSD			
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:	N/A - We do not have the bus at this time			
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	N/A - We do not have the bus at this time			

COPY AND PASTE ADDITIONAL COLUMNS AS NEEDED TO CAPTURE ALL ENGINE/VEHICLE GROUPS



Instructions / Units	Fleet Information	Group 1	Group 2	Group 3	Group 4
This is 2019	Fiscal Year of EPA Funds Used:	2019			
	Vehicle Name:	2021 International RE S Bus PB305			
	Vehicle Owner:	Enid Public Schools			
This is On Highway	Vehicle Type:	On Highway			
Leave this row blank	Primary Place of Performance				
	- State(s):	Oklahoma			
	- County:	Garfield			
	- City:	Enid			
	- Zip Code:	73701			
Use pull-down menu	Target:	School Bus			
Use pull-down menu	Vehicle Class or Equipment Type:	School Buses			
This is "1"/Enter one vehicle per column	Quantity:	1			
	Vehicle Identification Number:	4DRBWTAR6MB870105			
	Vehicle Make:	International (IC)			
	Vehicle Model:	PB 305			
Use pull-down menu	Vehicle Model Year:	2021			
	Engine Serial Number:	Not Available			
	Engine Make:	Cummins			
	Engine Model:	L9			
Use pull-down menu	Engine Model Year:	2021			
	Engine Horsepower:	300 HP			
Liters per cylinder	Engine Cylinder Displacement:	6			
	Engine Number of Cylinders:	6			
Use pull-down menu	Engine Fuel Type:	Diesel			
Gallons per year	Annual Amount of Fuel Used:	3000			
Miles per vehicle	Annual Miles Traveled:	21,600			
Hours per engine	Annual Idling Hours:	800			
Years per engine; Total number of years of engine life remaining at time of upgrade action	Remaining Life:	20			
Year in which vehicle would normally be retired/sold by the fleet owner if not for the grant	Normal Attrition Year:	2040			
Use pull-down menu	Year of Upgrade Action:	2020			
Use pull-down menu	Upgrade Type:	Vehicle Replacement			
Use pull-down menu	Upgrade:	Vehicle Replacement - Diesel			
Cost of vehicle or equipment only	Upgrade Cost Per Unit:	149,015.00			
Cost of labor to install equipment ("N/A" if vehicle replacement)	Upgrade Labor Cost Per Unit:	0			
Use pull-down menu	New Engine Model Year:	2020			
	New Engine Horsepower:	300			
Liters per cylinder	New Engine Cylinder Displacement:	6			
	New Engine Number of Cylinders:	6			
Use pull-down menu	New Engine Fuel Type:	Diesel			
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:	567 Estimated			
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	1000 Estimated			

COPY AND PASTE ADDITIONAL COLUMNS AS NEEDED TO CAPTURE ALL ENGINE/VEHICLE GROUPS

Grant Recipient	Edmond Public Schools
Reporting Period	January - March, 2021

Instructions / Units	Fleet Information	Group 1	Group 2	Group 3	Group 4	Group 5	Group 6	Group 7	Group 8	Group 9	Group 10
This is 2019	Fiscal Year of EPA Funds Used:	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019
	Vehicle Name:	School Bus #2	School Bus #23	School Bus #80	School Bus #43	School Bus #31	School Bus #3	School Bus #82	School Bus #56	School Bus #76	School Bus #25
	Vehicle Owner:	Edmond Public Schools	Edmond Public Schools	Edmond Public Schools	Edmond Public Schools	Edmond Public Schools	Edmond Public Schools	Edmond Public Schools	Edmond Public Schools	Edmond Public Schools	Edmond Public Schools
This is On Highway	Vehicle Type:	On Highway	On Highway	On Highway	On Highway	On Highway	On Highway	On Highway	On Highway	On Highway	On Highway
Leave this row blank	Primary Place of Performance										
	- State(s):	Oklahoma	Oklahoma	Oklahoma	Oklahoma	Oklahoma	Oklahoma	Oklahoma	Oklahoma	Oklahoma	Oklahoma
	- County:	Oklahoma	Oklahoma	Oklahoma	Oklahoma	Oklahoma	Oklahoma	Oklahoma	Oklahoma	Oklahoma	Oklahoma
	- City:	Edmond	Edmond	Edmond	Edmond	Edmond	Edmond	Edmond	Edmond	Edmond	Edmond
	- Zip Code:	73003	73003	73003	73003	73003	73003	73003	73003	73003	73003
Use pull-down menu	Target:	School Bus	School Bus	School Bus	School Bus	School Bus	School Bus	School Bus	School Bus	School Bus	School Bus
Use pull-down menu	Vehicle Class or Equipment Type:	School Buses	School Buses	School Buses	School Buses	School Buses	School Buses	School Buses	School Buses	School Buses	School Buses
This is "1" Enter one vehicle per column	Quantity:	1	1	1	1	1	1	1	1	1	1
	Vehicle Identification Number:	4DRBUAN88633547	4DRBUAN88633546	4DRBUAN88633545	4DRBRAAN13B960804	4DRBRAAN62B947357	4DRBRAAN22B947350	4DRBUAN88633543	4DRBUAN59B068143	4DRBUAN28B633544	4DRBUAN99B068145
	Vehicle Make:	International	International	International	International	International	International	International	International	International	International
	Vehicle Model:	CE300	CE300	CE300	IC3S530	IC3S530	IC3S530	CE300	CE300	CE300	CE300
Use pull-down menu	Vehicle Model Year:	2008	2008	2008	2003	2002	2002	2008	2009	2008	2008
	Engine Serial Number:	466HM2U3002847	466HM2U3002503	466HM2U3002442	470HM2U1397568	470HM2U1349470	470HM2U1348623	466HM2U30002450	466HM2U3031471	466HM2U3002498	466HM2U3031465
	Engine Make:	International	International	International	International	International	International	International	International	International	International
Use pull-down menu	Engine Model:	DT466	DT466	DT466	DT466E	DT466E	DT466E	DT466	DT466	DT466	DT466
Use pull-down menu	Engine Model Year:	2007	2007	2007	2002	2002	2002	2007	2008	2007	2008
	Engine Horsepower:	210	210	210	195	195	195	210	210	210	210
Liters per cylinder	Engine Cylinder Displacement:	466 cubic inch	466 cubic inch	466 cubic inch	466 cubic inch	466 cubic inch	466 cubic inch	466 cubic inch	466 cubic inch	466 cubic inch	466 cubic inch
	Engine Number of Cylinders:	6	6	6	6	6	6	6	6	6	6
Use pull-down menu	Engine Fuel Type:	ULSD	ULSD	ULSD	ULSD	ULSD	ULSD	ULSD	ULSD	ULSD	ULSD
Gallons per year	Annual Amount of Fuel Used:	2,199	1,642	1,421	1,244	1,368	970	1,793	1,713	1,708	2,140
Miles per vehicle	Annual Miles Traveled:	16,497	12,319	10,658	9,336	10,266	7,278	13,450	12,852	12,817	16,050
Hours per engine	Annual Idling Hours:	80	60	52	45	50	35	65	62	62	77
Years per engine, Total number of years of engine life remaining at time of upgrade action	Remaining Life:	13	13	13	6	7	7	13	14	13	14
Year in which vehicle would normally be retired/sold by the fleet owner if not for the grant	Normal Attrition Year:	2033	2033	2033	2028	2027	2027	2033	2034	2033	2034
Use pull-down menu	Year of Upgrade Action:	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020
Use pull-down menu	Upgrade Type:	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement
Use pull-down menu	Upgrade:	Vehicle Replacement - Gasoline	Vehicle Replacement - Gasoline	Vehicle Replacement - Gasoline	Vehicle Replacement - Gasoline	Vehicle Replacement - Gasoline	Vehicle Replacement - Gasoline	Vehicle Replacement - Gasoline	Vehicle Replacement - Gasoline	Vehicle Replacement - Gasoline	Vehicle Replacement - Gasoline
Cost of vehicle or equipment only	Upgrade Cost Per Unit:	\$95,843	\$95,843	\$95,843	\$95,843	\$95,843	\$95,843	\$95,843	\$95,843	\$95,843	\$95,843
Cost of labor to install equipment ("N/A" if vehicle replacement)	Upgrade Labor Cost Per Unit:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Use pull-down menu	New Engine Model Year:	2021	2021	2021	2021	2021	2021	2021	2021	2021	2021
	New Engine Horsepower:	320	320	320	320	320	320	320	320	320	320
Liters per cylinder	New Engine Cylinder Displacement:	413 cubic inch	413 cubic inch	413 cubic inch	413 cubic inch	413 cubic inch	413 cubic inch	413 cubic inch	413 cubic inch	413 cubic inch	413 cubic inch
	New Engine Number of Cylinders:	10	10	10	10	10	10	10	10	10	10
Use pull-down menu	New Engine Fuel Type:	Gasoline	Gasoline	Gasoline	Gasoline	Gasoline	Gasoline	Gasoline	Gasoline	Gasoline	Gasoline
Hours per vehicle, Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
Gallons per year, Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	2,199	1,642	1,421	1,244	1,368	970	1,793	1,713	1,708	2,140

COPY AND PASTE ADDITIONAL COLUMNS AS NEEDED TO CAPTURE ALL ENGINE/VEHICLE GROUPS

Instructions / Units	Fleet Information	Group 1	Group 2	Group 3	Group 4
This is 2018	Fiscal Year of EPA Funds Used:	2019	2019	2019	
	Vehicle Name:	Ft Towson 1	Ft Towson 2	Ft Towson 3	
	Vehicle Owner:	Fort Towson PS	Fort Towson PS	Fort Towson PS	
This is On Highway	Vehicle Type:	On Highway	On Highway	On Highway	
Leave this row blank	Primary Place of Performance	Oklahoma	Oklahoma	Oklahoma	
	- State(s):	Oklahoma	Oklahoma	Oklahoma	
	- County:	Choctaw	Choctaw	Choctaw	
	- City:	Fort Towson	Fort Towson	Fort Towson	
	- Zip Code:	74735	74735	74735	
Use pull-down menu	Target:	School Bus	School Bus	School Bus	
Use pull-down menu	Vehicle Class or Equipment Type:	School Buses	School Buses	School Buses	
This is "1"/Enter one vehicle per column	Quantity:	1	1	1	
	Vehicle Identification Number:	4DRBUAFPX5B9849	4UZAAXCT44CM766	1BAKGCPH49F2665	
	Vehicle Make:	International	Thomas	Blue Bird	
	Vehicle Model:	School Bus	School Bus	School Bus	
Use pull-down menu	Vehicle Model Year:	2005	2004	2009	
	Engine Serial Number:	5B984935	906338816	46939379	
	Engine Make:	Cummins	Cummins	Cummins	
	Engine Model:	School Bus	School Bus	School Bus	
Use pull-down menu	Engine Model Year:	2005	2004	2009	
	Engine Horsepower:	210	210	210	
Liters per cylinder	Engine Cylinder Displacement:	505 LB-FT	505 LB-FT	505 LB-FT	
	Engine Number of Cylinders:	6	6	6	
Use pull-down menu	Engine Fuel Type:	ULSD	ULSD	ULSD	
Gallons per year	Annual Amount of Fuel Used:	1164	2883	1164	
Miles per vehicle	Annual Miles Traveled:	6639	8478	12426	
Hours per engine	Annual Idling Hours:	71	69	71	
Years per engine; Total number of years of engine life remaining at time of upgrade action	Remaining Life:	5	5	5	
Year in which vehicle would normally be retired/sold by the fleet owner if not for the grant	Normal Attrition Year:	2025	2025	2025	
Use pull-down menu	Year of Upgrade Action:	2020	2020	2020	
Use pull-down menu	Upgrade Type:	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	
Use pull-down menu	Upgrade:	Vehicle Replacement - Diesel	Vehicle Replacement - Diesel	Vehicle Replacement - Diesel	
Cost of vehicle or equipment only	Upgrade Cost Per Unit:	\$86,010	\$86,010	\$100,812	
Cost of labor to install equipment ("N/A" if vehicle replacement)	Upgrade Labor Cost Per Unit:	N/A	N/A	N/A	
Use pull-down menu	New Engine Model Year:	2021	2021	2021	
	New Engine Horsepower:	220	220	220	
Liters per cylinder	New Engine Cylinder Displacement:	520 lb-ft	520 lb-ft	520 lb-ft	
	New Engine Number of Cylinders:	6	6	6	
Use pull-down menu	New Engine Fuel Type:	Diesel	Diesel	Diesel	
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:	10	10	10	
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	100	100	100	

COPY AND PASTE ADDITIONAL COLUMNS AS NEEDED TO CAPTURE ALL ENGINE/VEHICLE GROUPS

Instructions / Units	Fleet Information	Group 1	Group 2	Group 3	Group 4
This is 2018	Fiscal Year of EPA Funds Used:	2019			
	Vehicle Name:	School Bus #7			
	Vehicle Owner:	Lexington Public Schools			
This is On Highway	Vehicle Type:	On Highway			
Leave this row blank	Primary Place of Performance				
	- State(s):	Oklahoma			
	- County:	Cleveland			
	- City:	Lexington			
	- Zip Code:	73051			
Use pull-down menu	Target:	School Bus			
Use pull-down menu	Vehicle Class or Equipment Type:	School Buses			
This is "1"/Enter one vehicle per column	Quantity:	1			
	Vehicle Identification Number:	1HVBBAAP3VH472958			
	Vehicle Make:	Blue Bird Body Company			
	Vehicle Model:	School Bus			
Use pull-down menu	Vehicle Model Year:	1998			
	Engine Serial Number:	469HM2U1033269			
	Engine Make:	International			
	Engine Model:	DT 466E			
Use pull-down menu	Engine Model Year:	1997			
	Engine Horsepower:	190			
Liters per cylinder	Engine Cylinder Displacement:	466 in3/7.6L			
	Engine Number of Cylinders:	inline 6			
Use pull-down menu	Engine Fuel Type:	ULSD			
Gallons per year	Annual Amount of Fuel Used:	1815			
Miles per vehicle	Annual Miles Traveled:	11349			
Hours per engine	Annual Idling Hours:	31			
Years per engine; Total number of years of engine life remaining at time of upgrade action	Remaining Life:	0			
Year in which vehicle would normally be retired/sold by the fleet owner if not for the grant	Normal Attrition Year:	2012			
Use pull-down menu	Year of Upgrade Action:	2020			
Use pull-down menu	Upgrade Type:	Vehicle Replacement			
Use pull-down menu	Upgrade:	Vehicle Replacement - Diesel			
Cost of vehicle or equipment only	Upgrade Cost Per Unit:	\$75,560			
Cost of labor to install equipment ("N/A" if vehicle replacement)	Upgrade Labor Cost Per Unit:	0			
Use pull-down menu	New Engine Model Year:	2021			
	New Engine Horsepower:	220			
Liters per cylinder	New Engine Cylinder Displacement:	6.7L			
	New Engine Number of Cylinders:	6			
Use pull-down menu	New Engine Fuel Type:	Bio Diesel 5			
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:	40			
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	136			

COPY AND PASTE ADDITIONAL COLUMNS AS NEEDED TO CAPTURE ALL ENGINE/VEHICLE GROUPS

2020

Instructions / Units	Fleet Information	Group 1	Group 2	Group 3	Group 4
This is 2018	Fiscal Year of EPA Funds Used:	2019	2019		
	Vehicle Name:	Route Bus 4	Route Bus 6		
	Vehicle Owner:	Middleberg School	Middleberg School		
This is On Highway	Vehicle Type:	On Highway	On Highway		
Leave this row blank	Primary Place of Performance	Highway	Highway		
	- State(s):	OK	OK		
	- County:	Grady	Grady		
	- City:	Blanchard	Blanchard		
	- Zip Code:	73010	73010		
Use pull-down menu	Target:	School Bus	School Bus		
Use pull-down menu	Vehicle Class or Equipment Type:	School Buses	School Buses		
This is "1"/Enter one vehicle per column	Quantity:	1	1		
	Vehicle Identification Number:	1BAKCKH86F235816	4DRBUSKP1AB166552		
	Vehicle Make:	Bluebird	International		
	Vehicle Model:	Vision	3800		
Use pull-down menu	Vehicle Model Year:	2006	2010		
	Engine Serial Number:	WAX04917	AB166552		
	Engine Make:	CAT	IHC Maxforce		
	Engine Model:	C-7	DT-466		
Use pull-down menu	Engine Model Year:	2006	2008		
	Engine Horsepower:	210	230		
Liters per cylinder	Engine Cylinder Displacement:	7.2	7.2		
	Engine Number of Cylinders:	6	6		
Use pull-down menu	Engine Fuel Type:	ULSD	ULSD		
Gallons per year	Annual Amount of Fuel Used:	1080	1080		
Miles per vehicle	Annual Miles Traveled:	9000	9000		
Hours per engine	Annual Idling Hours:	108	108		
Years per engine; Total number of years of engine life remaining at time of upgrade action	Remaining Life:	2	2		
Year in which vehicle would normally be retired/sold by the fleet owner if not for the grant	Normal Attrition Year:	2021	2021		
Use pull-down menu	Year of Upgrade Action:	2020	2020		
Use pull-down menu	Upgrade Type:	Vehicle Replacement	Vehicle Replacement		
Use pull-down menu	Upgrade:	Vehicle Replacement - Diesel	Vehicle Replacement - Diesel		
Cost of vehicle or equipment only	Upgrade Cost Per Unit:	89,827	89,827		
Cost of labor to install equipment ("N/A" if vehicle replacement)	Upgrade Labor Cost Per Unit:	NA	na		
Use pull-down menu	New Engine Model Year:	2017	2017		
	New Engine Horsepower:	6	6		
Liters per cylinder	New Engine Cylinder Displacement:	6.7	6.7		
	New Engine Number of Cylinders:	6	6		
Use pull-down menu	New Engine Fuel Type:	ULSD	ULSD		
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:	79	79		
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	100	100		

COPY AND PASTE ADDITIONAL COLUMNS AS NEEDED TO CAPTURE ALL ENGINE/VEHICLE GROUPS



Instructions / Units	Fleet Information	Group 1	Group 2	Group 3	Group 4
This is 2018	Fiscal Year of EPA Funds Used:	2019			
	Vehicle Name:	Thomas C2			
	Vehicle Owner:	Mounds Public Schools			
This is On Highway	Vehicle Type:	On Highway			
Leave this row blank	Primary Place of Performance	Mounds			
	- State(s):	OK			
	- County:	Creek			
	- City:	Mounds			
	- Zip Code:	74047			
Use pull-down menu	Target:	School Bus			
Use pull-down menu	Vehicle Class or Equipment Type:	School Buses			
This is "1"/Enter one vehicle per column	Quantity:	1BAKGCKH28F252912			
	Vehicle Identification Number:	1			
	Vehicle Make:	2020			
	Vehicle Model:	C2			
Use pull-down menu	Vehicle Model Year:	2020			
	Engine Serial Number:	C7S03620			
	Engine Make:	Caterpillar			
	Engine Model:	C7 Acert			
Use pull-down menu	Engine Model Year:	2007			
	Engine Horsepower:	350 BHP			
Liters per cylinder	Engine Cylinder Displacement:	7.2			
	Engine Number of Cylinders:	6			
Use pull-down menu	Engine Fuel Type:	Diesel			
Gallons per year	Annual Amount of Fuel Used:	1000			
Miles per vehicle	Annual Miles Traveled:	6800			
Hours per engine	Annual Idling Hours:	85			
Years per engine; Total number of years of engine life remaining at time of upgrade action	Remaining Life:	8			
Year in which vehicle would normally be retired/sold by the fleet owner if not for the grant	Normal Attrition Year:	2028			
Use pull-down menu	Year of Upgrade Action:	2020			
Use pull-down menu	Upgrade Type:	Vehicle Replacement			
Use pull-down menu	Upgrade:	Vehicle Replacement - Diesel			
Cost of vehicle or equipment only	Upgrade Cost Per Unit:	79956			
Cost of labor to install equipment ("N/A" if vehicle replacement)	Upgrade Labor Cost Per Unit:	0			
Use pull-down menu	New Engine Model Year:	2020			
	New Engine Horsepower:	320			
Liters per cylinder	New Engine Cylinder Displacement:	6.7			
	New Engine Number of Cylinders:	6			
Use pull-down menu	New Engine Fuel Type:	ULSD			
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:	70			
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	100			

COPY AND PASTE ADDITIONAL COLUMNS AS NEEDED TO CAPTURE ALL ENGINE/VEHICLE GROUPS

Grant Recipient	Mustang Public Schools
Reporting Period	January - March, 2021

Instructions / Units	Fleet Information	Group 1	Group 2	Group 3	Group 4
This is 2018	Fiscal Year of EPA Funds Used:	2019	2019	2019	
	Vehicle Name:	International	International	International	
	Vehicle Owner:	Mustang Public Schools	Mustang Public Schools	Mustang Public Schools	
This is On Highway	Vehicle Type:	On Highway	On Highway	On Highway	
Leave this row blank	Primary Place of Performance				
	- State(s):	Oklahoma	Oklahoma	Oklahoma	
	- County:	Canadian	Canadian	Canadian	
	- City:	Mustang	Mustang	Mustang	
	- Zip Code:	73064	73064	73064	
Use pull-down menu	Target:	School Bus	School Bus	School Bus	
Use pull-down menu	Vehicle Class or Equipment Type:	School Buses	School Buses	School Buses	
This is "1"/Enter one vehicle per column	Quantity:	1	1	1	
	Vehicle Identification Number:	1HVBBABN2YH282943	1HVBBABN71H397950	1GBM7T1C42J514927	
	Vehicle Make:	INTERNATIONAL	INTERNATIONAL	CHEVY	
	Vehicle Model:	SCHOOL BUS	SCHOOL BUS	SCHOOL BUS	
Use pull-down menu	Vehicle Model Year:	2000	2000	2003	
	Engine Serial Number:	XNVXH0444ANR	CKM54879	YNVXHO444ANB	
	Engine Make:	IHC - Navistay	CAT	IHC	
	Engine Model:	T-444e	3126	T-444E	
Use pull-down menu	Engine Model Year:	2000	2000	2003	
	Engine Horsepower:	330	207	210	
Liters per cylinder	Engine Cylinder Displacement:	7.3	7.3	7.3	
	Engine Number of Cylinders:	8	8	8	
Use pull-down menu	Engine Fuel Type:	ULSD	ULSD	ULSD	
Gallons per year	Annual Amount of Fuel Used:	2300	2200	2500	
Miles per vehicle	Annual Miles Traveled:	10000	11000	14000	
Hours per engine	Annual Idling Hours:	150	150	150	
Years per engine; Total number of years of engine life remaining at time of upgrade	Remaining Life:	3	3	3	
Year in which vehicle would normally be retired/sold by the fleet owner if not for the	Normal Attrition Year:	2024	2024	2024	
Use pull-down menu	Year of Upgrade Action:	2020	2020	2020	
Use pull-down menu	Upgrade Type:	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	
Use pull-down menu	Upgrade:	Vehicle Replacement - Gasoline	Engine Replacement - Gasoline	Engine Replacement - Gasoline	
Cost of vehicle or equipment only	Upgrade Cost Per Unit:	90877	90877	90877	
Cost of labor to install equipment ("N/A" if vehicle replacement)	Upgrade Labor Cost Per Unit:	0	0	0	
Use pull-down menu	New Engine Model Year:	2020	2020	2020	
	New Engine Horsepower:	320 HP	320 HP	320 HP	
Liters per cylinder	New Engine Cylinder Displacement:	6.8	6.8	6.8	
	New Engine Number of Cylinders:	3	3	3	
Use pull-down menu	New Engine Fuel Type:	Gasoline	Gasoline	Gasoline	
Hours per vehicle; Number of idling hours that will not occur due to new	Annual Idling Hours Reduced:	70	70	70	
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	2300	2200	2500	

COPY AND PASTE ADDITIONAL COLUMNS AS NEEDED TO CAPTURE ALL ENGINE/VEHICLE GROUPS

COPY AND PASTE ADDITIONAL COLUMNS AS NEEDED TO CAPTURE ALL ENGINE/VEHICLE GROUPS

Instructions / Units	Fleet Information	Group 1	Group 2	Group 3	Group 4
This is 2018	Fiscal Year of EPA Funds Used:	2019	2019		
	Vehicle Name:	Noble 1	Noble 2		
	Vehicle Owner:	Noble Public Schools	Noble Public Schools		
This is On Highway	Vehicle Type:	On Highway	On Highway		
Leave this row blank	Primary Place of Performance	Noble	Noble		
	- State(s):	OK	OK		
	- County:	Cleveland	Cleveland		
	- City:	Noble	Noble		
	- Zip Code:	73068	73068		
Use pull-down menu	Target:	School Bus	School Bus		
Use pull-down menu	Vehicle Class or Equipment Type:	School Buses	School Buses		
This is "1"/Enter one vehicle per column	Quantity:	1	1		
	Vehicle Identification Number:	4DRBUSKP89B115509	1BAKCCPH78F249833		
	Vehicle Make:	International	Blue Bird		
	Vehicle Model:	PB10500/CE200	Vision		
Use pull-down menu	Vehicle Model Year:	2009	2008		
	Engine Serial Number:	8NVXH0290AGA	46756919		
	Engine Make:	Max Force 7	Cummins		
	Engine Model:	6.4 Diesel	6.7 Diesel		
Use pull-down menu	Engine Model Year:	2008	2009		
	Engine Horsepower:	230	200		
Liters per cylinder	Engine Cylinder Displacement:	6.7	6.4		
	Engine Number of Cylinders:	8	6		
Use pull-down menu	Engine Fuel Type:	ULSD	ULSD		
Gallons per year	Annual Amount of Fuel Used:	2700	2950		
Miles per vehicle	Annual Miles Traveled:	22000	22000		
Hours per engine	Annual Idling Hours:	20	20		
Years per engine; Total number of years of engine life remaining at time of upgrade action	Remaining Life:	3	2		
Year in which vehicle would normally be retired/sold by the fleet owner if not for the grant	Normal Attrition Year:	2028	2029		
Use pull-down menu	Year of Upgrade Action:	2020	2020		
Use pull-down menu	Upgrade Type:	Vehicle Replacement	Vehicle Replacement		
Use pull-down menu	Upgrade:	Vehicle Replacement - Diesel	Vehicle Replacement - Diesel		
Cost of vehicle or equipment only	Upgrade Cost Per Unit:	\$78,819	\$94,729		
Cost of labor to install equipment ("N/A" if vehicle replacement)	Upgrade Labor Cost Per Unit:	0	0		
Use pull-down menu	New Engine Model Year:	2021	2021		
	New Engine Horsepower:	362	362		
Liters per cylinder	New Engine Cylinder Displacement:	B6.7	B6.7		
	New Engine Number of Cylinders:	6	6		
Use pull-down menu	New Engine Fuel Type:	ULSD	ULSD		
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:	26	26		
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	200	200		

COPY AND PASTE ADDITIONAL COLUMNS AS NEEDED TO CAPTURE ALL ENGINE/VEHICLE GROUPS



Instructions / Units	Fleet Information	Group 1	Group 2	Group 3	Group 4
This is 2018	Fiscal Year of EPA Funds Used:	2019			
	Vehicle Name:	International			
	Vehicle Owner:	Silo Public Schools			
This is On Highway	Vehicle Type:	On Highway			
Leave this row blank	Primary Place of Performance	Bryan County			
	- State(s):	Okalhoma			
	- County:	Bryan			
	- City:	Silo			
	- Zip Code:	74701			
Use pull-down menu	Target:	School Bus			
Use pull-down menu	Vehicle Class or Equipment Type:	School Buses			
This is "1"/Enter one vehicle per column	Quantity:	1			
	Vehicle Identification Number:	1HVBBAAP2XH210061			
	Vehicle Make:	29000 lbs			
	Vehicle Model:	466			
Use pull-down menu	Vehicle Model Year:	1999			
	Engine Serial Number:	1HVBBAAP2XH210061			
	Engine Make:	International			
	Engine Model:	466			
Use pull-down menu	Engine Model Year:	1999			
	Engine Horsepower:	210			
Liters per cylinder	Engine Cylinder Displacement:	7.6			
	Engine Number of Cylinders:	6			
Use pull-down menu	Engine Fuel Type:	ULSD			
Gallons per year	Annual Amount of Fuel Used:	1080			
Miles per vehicle	Annual Miles Traveled:	5200			
Hours per engine	Annual Idling Hours:	250			
Years per engine; Total number of years of engine life remaining at time of upgrade action	Remaining Life:	5			
Year in which vehicle would normally be retired/sold by the fleet owner if not for the grant	Normal Attrition Year:	2025			
Use pull-down menu	Year of Upgrade Action:	2020			
Use pull-down menu	Upgrade Type:	Vehicle Replacement			
Use pull-down menu	Upgrade:	Vehicle Replacement - Diesel			
Cost of vehicle or equipment only	Upgrade Cost Per Unit:	\$106,323			
Cost of labor to install equipment ("N/A" if vehicle replacement)	Upgrade Labor Cost Per Unit:	0			
Use pull-down menu	New Engine Model Year:	2021			
	New Engine Horsepower:	240HP			
Liters per cylinder	New Engine Cylinder Displacement:	6.7L			
	New Engine Number of Cylinders:	6			
Use pull-down menu	New Engine Fuel Type:	Diesel			
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:	75			
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	350			

COPY AND PASTE ADDITIONAL COLUMNS AS NEEDED TO CAPTURE ALL ENGINE/VEHICLE GROUPS

Instructions / Units	Fleet Information	Group 1	Group 2	Group 3	Group 4
This is 2018	Fiscal Year of EPA Funds Used:	2019	2019		
	Vehicle Name:	2002 Blue Bird bus	2002 Blue Bird bus		
	Vehicle Owner:	Washington Schools	Washington Schools		
This is On Highway	Vehicle Type:	On Highway	On highway		
Leave this row blank	Primary Place of Performance				
	- State(s):	Oklahoma	Oklahoma		
	- County:	McClain	McClain		
	- City:	Washington	Washington		
	- Zip Code:	73093	73093		
Use pull-down menu	Target:	School Bus	School Bus		
Use pull-down menu	Vehicle Class or Equipment Type:	School Buses	School Buses		
This is "1"/Enter one vehicle per column	Quantity:	1	1		
	Vehicle Identification Number:	1GBL7T1C72J512360	1GBL&T1C92J512392		
	Vehicle Make:	Blue Bird Bus	Blue Bird Bus		
	Vehicle Model:	GM CV 6600	GM CV 6600		
Use pull-down menu	Vehicle Model Year:	2003	2003		
	Engine Serial Number:	CKM49574	CKM49541		
	Engine Make:	Caterpillar	Caterpillar		
	Engine Model:	3126	3126		
Use pull-down menu	Engine Model Year:	2002	2002		
	Engine Horsepower:	246	246		
Liters per cylinder	Engine Cylinder Displacement:	7.2 L	7.2 L		
	Engine Number of Cylinders:	6	6		
Use pull-down menu	Engine Fuel Type:	ULSD	ULSD		
Gallons per year	Annual Amount of Fuel Used:	2362	1750		
Miles per vehicle	Annual Miles Traveled:	9450	7000		
Hours per engine	Annual Idling Hours:	2625	2625		
Years per engine; Total number of years of engine life remaining at time of upgrade action	Remaining Life:	3	3		
Year in which vehicle would normally be retired/sold by the fleet owner if not for the grant	Normal Attrition Year:	2023	2023		
Use pull-down menu	Year of Upgrade Action:	2020	2020		
Use pull-down menu	Upgrade Type:	Vehicle Replacement	Vehicle Replacement		
Use pull-down menu	Upgrade:	Engine Replacement - Diesel	Engine Replacement - Diesel		
Cost of vehicle or equipment only	Upgrade Cost Per Unit:	88,450.00	88,450.00		
Cost of labor to install equipment ("N/A" if vehicle replacement)	Upgrade Labor Cost Per Unit:	NA	NA		
Use pull-down menu	New Engine Model Year:	2020	2020		
	New Engine Horsepower:	250	250		
Liters per cylinder	New Engine Cylinder Displacement:	6.7 L	6.7 L		
	New Engine Number of Cylinders:	6	6		
Use pull-down menu	New Engine Fuel Type:	ULSD	ULSD		
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:	825	825		
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	862	250		

COPY AND PASTE ADDITIONAL COLUMNS AS NEEDED TO CAPTURE ALL ENGINE/VEHICLE GROUPS

Instructions / Units	Fleet Information	Group 1	Group 2	Group 3	Group 4
This is 2018	Fiscal Year of EPA Funds Used:	2020			
	Vehicle Name:	Bus 7			
	Vehicle Owner:	Ballen Public Schools			
This is On Highway	Vehicle Type:	On Highway			
Leave this row blank	Primary Place of Performance				
	- State(s):	Oklahoma			
	- County:	Pontotoc/Hughes			
	- City:	Allen			
	- Zip Code:	74825			
Use pull-down menu	Target:	School Bus			
Use pull-down menu	Vehicle Class or Equipment Type:	Class 6-7			
This is "1"/Enter one vehicle per column	Quantity:	1			
	Vehicle Identification Number:	1BAKGCPH68F250041			
	Vehicle Make:	Blue Bird			
	Vehicle Model:	71 P School Bus			
Use pull-down menu	Vehicle Model Year:	2007			
	Engine Serial Number:	46735536			
	Engine Make:	Cummins			
	Engine Model:	ISB 200			
Use pull-down menu	Engine Model Year:	2007			
	Engine Horsepower:	200 at 2600RPM			
Liters per cylinder	Engine Cylinder Displacement:	6.7			
	Engine Number of Cylinders:	6			
Use pull-down menu	Engine Fuel Type:	ULSD			
Gallons per year	Annual Amount of Fuel Used:	1700			
Miles per vehicle	Annual Miles Traveled:	15,000			
Hours per engine	Annual Idling Hours:	37.5			
Years per engine; Total number of years of engine life remaining at time of upgrade action	Remaining Life:	3			
Year in which vehicle would normally be retired/sold by the fleet owner if not for the grant	Normal Attrition Year:	2023			
Use pull-down menu	Year of Upgrade Action:				
Use pull-down menu	Upgrade Type:				
Use pull-down menu	Upgrade:				
Cost of vehicle or equipment only	Upgrade Cost Per Unit:				
Cost of labor to install equipment ("N/A" if vehicle replacement)	Upgrade Labor Cost Per Unit:				
Use pull-down menu	New Engine Model Year:				
	New Engine Horsepower:				
Liters per cylinder	New Engine Cylinder Displacement:				
	New Engine Number of Cylinders:				
Use pull-down menu	New Engine Fuel Type:				
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:				
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:				

COPY AND PASTE ADDITIONAL COLUMNS AS NEEDED TO CAPTURE ALL ENGINE/VEHICLE GROUPS

Instructions / Units	Fleet Information	Group 1	Group 2	Group 3	Group 4
This is 2018	Fiscal Year of EPA Funds Used:	2020	2020	2020	
	Vehicle Name:	Bus 1	Bus 2	Bus 3	
	Vehicle Owner:	Cave Springs	Cave Springs	Cave Springs	
This is On Highway	Vehicle Type:	On Highway	On Highway	On Highway	
Leave this row blank	Primary Place of Performance				
	- State(s):	Oklahoma	Oklahoma	Oklahoma	
	- County:	Adair	Adair	Adair	
	- City:	Bunch	Bunch	Bunch	
	- Zip Code:	74931	74931	74931	
Use pull-down menu	Target:	School Bus	School Bus	School Bus	
Use pull-down menu	Vehicle Class or Equipment Type:	Class 6-7	Class 6-8	Class 6-9	
This is "1"/Enter one vehicle per column	Quantity:	1	1	1	
	Vehicle Identification Number:	1BAKFCPH1FF306354	1BAKFCPH4HF325564	1BAKGCPH6F325577	
	Vehicle Make:	BLUE BIRD	BLUE BIRD	BLUE BIRD	
	Vehicle Model:	BB CV 3303	BB CV 3303	BB CV 3303	
Use pull-down menu	Vehicle Model Year:	2015	2017	2017	
	Engine Serial Number:	7364102	73896892	73897178	
	Engine Make:	CUMMINS	CUMMINS	CUMMINS	
	Engine Model:	ISB-13	ISB-13	CM2350B101	
Use pull-down menu	Engine Model Year:	2015	2017	2017	
	Engine Horsepower:	200 HP	200HP	200HP	
Liters per cylinder	Engine Cylinder Displacement:	6.7	6.7	6.7	
	Engine Number of Cylinders:	6	6	6	
Use pull-down menu	Engine Fuel Type:	ULSD	ULSD	ULSD	
Gallons per year	Annual Amount of Fuel Used:	3,620	3620	3620	
Miles per vehicle	Annual Miles Traveled:	21,720	21720	21720	
Hours per engine	Annual Idling Hours:	3HRS.	3HRS.	3HRS	
Years per engine; Total number of years of engine life remaining at time of upgrade action	Remaining Life:	6	6	6	
Year in which vehicle would normally be retired/sold by the fleet owner if not for the grant	Normal Attrition Year:	2027	2027	2027	
Use pull-down menu	Year of Upgrade Action:				
Use pull-down menu	Upgrade Type:				
Use pull-down menu	Upgrade:				
Cost of vehicle or equipment only	Upgrade Cost Per Unit:				
Cost of labor to install equipment ("N/A" if vehicle replacement)	Upgrade Labor Cost Per Unit:				
Use pull-down menu	New Engine Model Year:				
	New Engine Horsepower:				
Liters per cylinder	New Engine Cylinder Displacement:				
	New Engine Number of Cylinders:				
Use pull-down menu	New Engine Fuel Type:				
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:				
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:				

COPY AND PASTE ADDITIONAL COLUMNS AS NEEDED TO CAPTURE ALL ENGINE/VEHICLE GROUPS

Instructions / Units	Fleet Information	Group 1	Group 2	Group 3	Group 4
This is 2018	Fiscal Year of EPA Funds Used:	2020			
	Vehicle Name:	#5			
	Vehicle Owner:	Central High Public Schools			
This is On Highway	Vehicle Type:	On Highway			
Leave this row blank	Primary Place of Performance	Stephens County			
	- State(s):	Oklahoma			
	- County:	Stephens			
	- City:	Marlow			
	- Zip Code:	73055			
Use pull-down menu	Target:	School Bus			
Use pull-down menu	Vehicle Class or Equipment Type:	Class 6-7			
This is "1"/Enter one vehicle per column	Quantity:	1			
	Vehicle Identification Number:	4UZABRDK39CZ74853			
	Vehicle Make:	Thomas			
	Vehicle Model:	C2			
Use pull-down menu	Vehicle Model Year:	2009			
	Engine Serial Number:	92696150009083			
	Engine Make:	Mercedes			
	Engine Model:	OM926LA			
Use pull-down menu	Engine Model Year:	2007			
	Engine Horsepower:	350			
Liters per cylinder	Engine Cylinder Displacement:	7.2 L			
	Engine Number of Cylinders:	6			
Use pull-down menu	Engine Fuel Type:	ULSD			
Gallons per year	Annual Amount of Fuel Used:	3300			
Miles per vehicle	Annual Miles Traveled:	13,000			
Hours per engine	Annual Idling Hours:	300			
Years per engine; Total number of years of engine life remaining at time of upgrade action	Remaining Life:	10			
Year in which vehicle would normally be retired/sold by the fleet owner if not for the grant	Normal Attrition Year:	2030			
Use pull-down menu	Year of Upgrade Action:	2021			
Use pull-down menu	Upgrade Type:	New Bus Replacement			
Use pull-down menu	Upgrade:	BBCD 3303 2021 model			
Cost of vehicle or equipment only	Upgrade Cost Per Unit:	75,816			
Cost of labor to install equipment ("N/A" if vehicle replacement)	Upgrade Labor Cost Per Unit:				
Use pull-down menu	New Engine Model Year:	2021			
	New Engine Horsepower:	320			
Liters per cylinder	New Engine Cylinder Displacement:	6.8			
	New Engine Number of Cylinders:	10			
Use pull-down menu	New Engine Fuel Type:	gasoline			
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:	60			
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	825			

COPY AND PASTE ADDITIONAL COLUMNS AS NEEDED TO CAPTURE ALL ENGINE/VEHICLE GROUPS



Instructions / Units	Fleet Information	Group 1	Group 2	Group 3	Group 4
This is 2018	Fiscal Year of EPA Funds Used:	2020			
	Vehicle Name:	Bus 10			
	Vehicle Owner:	Claremore Public Schools			
This is On Highway	Vehicle Type:	On Highway			
Leave this row blank	Primary Place of Performance				
	- State(s):	Oklahoma			
	- County:	Rogers			
	- City:	Claremore			
	- Zip Code:	74017			
Use pull-down menu	Target:	School Bus			
Use pull-down menu	Vehicle Class or Equipment Type:	Class 6-7			
This is "1"/Enter one vehicle per column	Quantity:	1			
	Vehicle Identification Number:	1HVBBAP2XH696046			
	Vehicle Make:	International Bluebird			
	Vehicle Model:	Conventional School bus -3800			
Use pull-down menu	Vehicle Model Year:	1999			
	Engine Serial Number:	82049404 or possibly 820494C4			
	Engine Make:	International			
	Engine Model:	Dt 466E			
Use pull-down menu	Engine Model Year:	1999			
	Engine Horsepower:	210			
Liters per cylinder	Engine Cylinder Displacement:	466 Cubic inches of displacement			
	Engine Number of Cylinders:	6 cylinders			
Use pull-down menu	Engine Fuel Type:	ULSD			
Gallons per year	Annual Amount of Fuel Used:	875 Gallons			
Miles per vehicle	Annual Miles Traveled:	4375			
Hours per engine	Annual Idling Hours:	262.5			
Years per engine; Total number of years of engine life remaining at time of upgrade action	Remaining Life:	3			
Year in which vehicle would normally be retired/sold by the fleet owner if not for the grant	Normal Attrition Year:	2024			
Use pull-down menu	Year of Upgrade Action:				
Use pull-down menu	Upgrade Type:				
Use pull-down menu	Upgrade:				
Cost of vehicle or equipment only	Upgrade Cost Per Unit:				
Cost of labor to install equipment ("N/A" if vehicle replacement)	Upgrade Labor Cost Per Unit:				
Use pull-down menu	New Engine Model Year:				
	New Engine Horsepower:				
Liters per cylinder	New Engine Cylinder Displacement:				
	New Engine Number of Cylinders:				
Use pull-down menu	New Engine Fuel Type:				
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:				
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:				

COPY AND PASTE ADDITIONAL COLUMNS AS NEEDED TO CAPTURE ALL ENGINE/VEHICLE GROUPS

Instructions / Units	Fleet Information	Group 1	Group 2	Group 3	Group 4
This is 2018	Fiscal Year of EPA Funds Used:	2020			
	Vehicle Name:	Van Hool			
	Vehicle Owner:	Enid Public Schools			
This is On Highway	Vehicle Type:	On Highway			
Leave this row blank	Primary Place of Performance	State of Oklahoma			
	- State(s):	Oklahoma			
	- County:	Garfield			
	- City:	Enid			
	- Zip Code:	73701			
Use pull-down menu	Target:	School Bus			
Use pull-down menu	Vehicle Class or Equipment Type:	Class 6-7			
This is "1"/Enter one vehicle per column	Quantity:	1			
	Vehicle Identification Number:	YE2TC63B5X2043435			
	Vehicle Make:	Van Hool Bus			
	Vehicle Model:	Bus T2145			
Use pull-down menu	Vehicle Model Year:	1999			
	Engine Serial Number:	34952870			
	Engine Make:	Cummins			
	Engine Model:	ISM400			
Use pull-down menu	Engine Model Year:	1999			
	Engine Horsepower:	400			
Liters per cylinder	Engine Cylinder Displacement:	6			
	Engine Number of Cylinders:	6			
Use pull-down menu	Engine Fuel Type:	ULSD			
Gallons per year	Annual Amount of Fuel Used:	3000			
Miles per vehicle	Annual Miles Traveled:	20000			
Hours per engine	Annual Idling Hours:	750			
Years per engine; Total number of years of engine life remaining at time of upgrade action	Remaining Life:	8 Years			
Year in which vehicle would normally be retired/sold by the fleet owner if not for the grant	Normal Attrition Year:	2028			
Use pull-down menu	Year of Upgrade Action:				
Use pull-down menu	Upgrade Type:				
Use pull-down menu	Upgrade:				
Cost of vehicle or equipment only	Upgrade Cost Per Unit:				
Cost of labor to install equipment ("N/A" if vehicle replacement)	Upgrade Labor Cost Per Unit:				
Use pull-down menu	New Engine Model Year:				
	New Engine Horsepower:				
Liters per cylinder	New Engine Cylinder Displacement:				
	New Engine Number of Cylinders:				
Use pull-down menu	New Engine Fuel Type:				
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:				
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:				

COPY AND PASTE ADDITIONAL COLUMNS AS NEEDED TO CAPTURE ALL ENGINE/VEHICLE GROUPS

Instructions / Units	Fleet Information	Group 1	Group 2	Group 3	Group 4
This is 2018	Fiscal Year of EPA Funds Used:	2020			
	Vehicle Name:	Fairland Bluebird Bus			
	Vehicle Owner:	Fairland Public Schools			
This is On Highway	Vehicle Type:	On Highway			
Leave this row blank	Primary Place of Performance	District			
	- State(s):	Oklahoma			
	- County:	Ottawa			
	- City:	Fairland			
	- Zip Code:	74343			
Use pull-down menu	Target:	School Bus			
Use pull-down menu	Vehicle Class or Equipment Type:	Class 6-7			
This is "1"/Enter one vehicle per column	Quantity:	1			
	Vehicle Identification Number:	1BAKGCKH95F228182			
	Vehicle Make:	Blue Bird			
	Vehicle Model:	BBCV7800			
Use pull-down menu	Vehicle Model Year:	2005			
	Engine Serial Number:	KAL63896			
	Engine Make:	Caterpillar			
	Engine Model:	C7			
Use pull-down menu	Engine Model Year:	2004			
	Engine Horsepower:	210			
Liters per cylinder	Engine Cylinder Displacement:	7.2L			
	Engine Number of Cylinders:	6			
Use pull-down menu	Engine Fuel Type:	ULSD			
Gallons per year	Annual Amount of Fuel Used:	1140			
Miles per vehicle	Annual Miles Traveled:	9125			
Hours per engine	Annual Idling Hours:	23			
Years per engine; Total number of years of engine life remaining at time of upgrade action	Remaining Life:	5			
Year in which vehicle would normally be retired/sold by the fleet owner if not for the grant	Normal Attrition Year:	2026			
Use pull-down menu	Year of Upgrade Action:				
Use pull-down menu	Upgrade Type:				
Use pull-down menu	Upgrade:				
Cost of vehicle or equipment only	Upgrade Cost Per Unit:				
Cost of labor to install equipment ("N/A" if vehicle replacement)	Upgrade Labor Cost Per Unit:				
Use pull-down menu	New Engine Model Year:				
	New Engine Horsepower:				
Liters per cylinder	New Engine Cylinder Displacement:				
	New Engine Number of Cylinders:				
Use pull-down menu	New Engine Fuel Type:				
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:				
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:				

COPY AND PASTE ADDITIONAL COLUMNS AS NEEDED TO CAPTURE ALL ENGINE/VEHICLE GROUPS



Instructions / Units	Fleet Information	Group 1	Group 2	Group 3	Group 4
This is 2018	Fiscal Year of EPA Funds Used:	2020	2020		
	Vehicle Name:	Bus 5-03	Bus 2B-03		
	Vehicle Owner:	Kingfisher Public Schools	Kingfisher Public Schools		
This is On Highway	Vehicle Type:	On Highway	On Highway		
Leave this row blank	Primary Place of Performance	Kingfisher OK	Kingfisher OK		
	- State(s):	Oklahoma	Oklahoma		
	- County:	Kingfisher	Kingfisher		
	- City:	Kingfisher	Kingfisher		
	- Zip Code:	73750	73750		
Use pull-down menu	Target:	School Bus	School Bus		
Use pull-down menu	Vehicle Class or Equipment Type:	Class 6-7	Class 6-8		
This is "1"/Enter one vehicle per column	Quantity:	1	1		
	Vehicle Identification Number:	1GBL7T1C92J515096	1BAKGCKHX5F227154		
	Vehicle Make:	Chevrolet	Bluebird		
	Vehicle Model:	Bluebird	Vision		
Use pull-down menu	Vehicle Model Year:	2003	2005		
	Engine Serial Number:	LKM55171	KAL56560		
	Engine Make:	CAT	CAT		
	Engine Model:	3126	C7		
Use pull-down menu	Engine Model Year:	2002	2004		
	Engine Horsepower:	190	210		
Liters per cylinder	Engine Cylinder Displacement:	7.2L	7.2L		
	Engine Number of Cylinders:	6	6		
Use pull-down menu	Engine Fuel Type:	ULSD	ULSD		
Gallons per year	Annual Amount of Fuel Used:	1620	1440		
Miles per vehicle	Annual Miles Traveled:	14400	13500		
Hours per engine	Annual Idling Hours:	35	35		
Years per engine; Total number of years of engine life remaining at time of upgrade action	Remaining Life:	5	5		
Year in which vehicle would normally be retired/sold by the fleet owner if not for the grant	Normal Attrition Year:	2026	2026		
Use pull-down menu	Year of Upgrade Action:				
Use pull-down menu	Upgrade Type:				
Use pull-down menu	Upgrade:				
Cost of vehicle or equipment only	Upgrade Cost Per Unit:				
Cost of labor to install equipment ("N/A" if vehicle replacement)	Upgrade Labor Cost Per Unit:				
Use pull-down menu	New Engine Model Year:				
	New Engine Horsepower:				
Liters per cylinder	New Engine Cylinder Displacement:				
	New Engine Number of Cylinders:				
Use pull-down menu	New Engine Fuel Type:				
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:				
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:				

COPY AND PASTE ADDITIONAL COLUMNS AS NEEDED TO CAPTURE ALL ENGINE/VEHICLE GROUPS

Instructions / Units	Fleet Information	Group 1	Group 2	Group 3	Group 4
This is 2018	Fiscal Year of EPA Funds Used:	2020			
	Vehicle Name:	School Bus			
	Vehicle Owner:	Mannford Public Schools			
This is On Highway	Vehicle Type:	On Highway			
Leave this row blank	Primary Place of Performance				
	- State(s):	Oklahoma			
	- County:	Creek			
	- City:	Mannford			
	- Zip Code:	74044			
Use pull-down menu	Target:	School Bus			
Use pull-down menu	Vehicle Class or Equipment Type:	Class 6-7			
This is "1"/Enter one vehicle per column	Quantity:	1			
	Vehicle Identification Number:	1HVBBABP2TH305860			
	Vehicle Make:	Blue Bird			
	Vehicle Model:	IHC 3000			
Use pull-down menu	Vehicle Model Year:	1996			
	Engine Serial Number:	SNV444C8DARW			
	Engine Make:	IHC 3000			
	Engine Model:	TH444E			
Use pull-down menu	Engine Model Year:	1996			
	Engine Horsepower:	225			
Liters per cylinder	Engine Cylinder Displacement:	7.3			
	Engine Number of Cylinders:	8			
Use pull-down menu	Engine Fuel Type:	ULSD			
Gallons per year	Annual Amount of Fuel Used:	430 gallons			
Miles per vehicle	Annual Miles Traveled:	3000			
Hours per engine	Annual Idling Hours:	170			
Years per engine; Total number of years of engine life remaining at time of upgrade action	Remaining Life:	5			
Year in which vehicle would normally be retired/sold by the fleet owner if not for the grant	Normal Attrition Year:	2026			
Use pull-down menu	Year of Upgrade Action:				
Use pull-down menu	Upgrade Type:				
Use pull-down menu	Upgrade:				
Cost of vehicle or equipment only	Upgrade Cost Per Unit:				
Cost of labor to install equipment ("N/A" if vehicle replacement)	Upgrade Labor Cost Per Unit:				
Use pull-down menu	New Engine Model Year:				
	New Engine Horsepower:				
Liters per cylinder	New Engine Cylinder Displacement:				
	New Engine Number of Cylinders:				
Use pull-down menu	New Engine Fuel Type:				
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:				
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:				

COPY AND PASTE ADDITIONAL COLUMNS AS NEEDED TO CAPTURE ALL ENGINE/VEHICLE GROUPS

Grant Recipient	Miami Public Schools
Reporting Period	January - March 2021

Instructions / Units	Fleet Information	Group 1	Group 2	Group 3	Group 4
This is 2018	Fiscal Year of EPA Funds Used:	2020	2020		
	Vehicle Name:	Bus 13	Bus 10		
	Vehicle Owner:	Miami Public Schools	Miami Public school		
This is On Highway	Vehicle Type:	On Highway	On Highway		
Leave this row blank	Primary Place of Performance				
	- State(s):	Oklahoma	Oklahoma		
	- County:	Ottawa	Ottawa		
	- City:	Miami	Miami		
	- Zip Code:	74354	74354		
Use pull-down menu	Target:	School Bus	School Bus		
Use pull-down menu	Vehicle Class or Equipment Type:	Class 6-7	Class 6-8		
This is "1"/Enter one vehicle per column	Quantity:	1	1		
	Vehicle Identification Number:	4DRBRABPX3B951941	1HVBBAP2XH676721		
	Vehicle Make:	International	International Navistar		
	Vehicle Model:	C210	3800		
Use pull-down menu	Vehicle Model Year:	2002	1998		
	Engine Serial Number:	2NVXH0444ANV	469HM2U1132482		
	Engine Make:	2002	1998		
	Engine Model:	Navistar T44E	DT466E A190F		
Use pull-down menu	Engine Model Year:	2002	1998		
	Engine Horsepower:	275	300		
Liters per cylinder	Engine Cylinder Displacement:	7.3 Liter	7.6 Liter		
	Engine Number of Cylinders:	8	6		
Use pull-down menu	Engine Fuel Type:	ULSD	ULSD		
Gallons per year	Annual Amount of Fuel Used:	600 Gallons	310 Gallons		
Miles per vehicle	Annual Miles Traveled:	5250 Miles	2100 Miles		
Hours per engine	Annual Idling Hours:	3500 hours	1800 Hours		
Years per engine; Total number of years of engine life remaining at time of upgrade action	Remaining Life:	3	3		
Year in which vehicle would normally be retired/sold by the fleet owner if not for the grant	Normal Attrition Year:	2024	2024		
Use pull-down menu	Year of Upgrade Action:				
Use pull-down menu	Upgrade Type:				
Use pull-down menu	Upgrade:				
Cost of vehicle or equipment only	Upgrade Cost Per Unit:				
Cost of labor to install equipment ("N/A" if vehicle replacement)	Upgrade Labor Cost Per Unit:				
Use pull-down menu	New Engine Model Year:				
	New Engine Horsepower:				
Liters per cylinder	New Engine Cylinder Displacement:				
	New Engine Number of Cylinders:				
Use pull-down menu	New Engine Fuel Type:				
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:				
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:				

COPY AND PASTE ADDITIONAL COLUMNS AS NEEDED TO CAPTURE ALL ENGINE/VEHICLE GROUPS

COPY AND PASTE ADDITIONAL COLUMNS AS NEEDED TO CAPTURE ALL ENGINE/VEHICLE GROUPS

Grant Recipient	Mustang Public Schools
Reporting Period	January - March 2021

Instructions / Units	Fleet Information	Group 1	Group 2	Group 3	Group 4
This is 2018	Fiscal Year of EPA Funds Used:	2020	2020	2020	
	Vehicle Name:	Bus 5	Bus 6	Bus 13	
	Vehicle Owner:	Mustang Public Schools	Mustang Public Schools	Mustang Public Schools	
This is On Highway	Vehicle Type:	On Highway	On Highway	On Highway	
Leave this row blank	Primary Place of Performance				
	- State(s):	Oklahoma	Oklahoma	Oklahoma	
	- County:	Canadian	Canadian	Canadian	
	- City:	Yukon	Yukon	Yukon	
	- Zip Code:	73099	73099	73099	
Use pull-down menu	Target:	School Bus	School Bus	School Bus	
Use pull-down menu	Vehicle Class or Equipment Type:	Class 6-7	Class 6-8	Class 6-9	
This is "1"/Enter one vehicle per column	Quantity:	1	1	1	
	Vehicle Identification Number:	1GBM7T1C82J514476	1GBM7TIC92J514910	1BAKGCKAX5F228663	
	Vehicle Make:	CHEV	CHEV	BLUEBIRD	
	Vehicle Model:	Bluebird	Bluebird	Bluebird	
Use pull-down menu	Vehicle Model Year:	2003	2003	2005	
	Engine Serial Number:	CKM53922	CKM54850	CAL65978	
	Engine Make:	CATERPILLAR	CATERPILLAR	CATERPILLAR	
	Engine Model:	3126	3126	C7	
Use pull-down menu	Engine Model Year:	2002	2002	2004	
	Engine Horsepower:	190	190	210	
Liters per cylinder	Engine Cylinder Displacement:	7.2L	7.2L	7.2L	
	Engine Number of Cylinders:	6	6	6	
Use pull-down menu	Engine Fuel Type:	ULSD	ULSD	ULSD	
Gallons per year	Annual Amount of Fuel Used:	2700	1800	1900	
Miles per vehicle	Annual Miles Traveled:	13500	9000	9200	
Hours per engine	Annual Idling Hours:	100	100	100	
Years per engine; Total number of years of engine life remaining at time of upgrade action	Remaining Life:	3	3	3	
Year in which vehicle would normally be retired/sold by the fleet owner if not for the grant	Normal Attrition Year:	2024	2024	2024	
Use pull-down menu	Year of Upgrade Action:				
Use pull-down menu	Upgrade Type:				
Use pull-down menu	Upgrade:				
Cost of vehicle or equipment only	Upgrade Cost Per Unit:				
Cost of labor to install equipment ("N/A" if vehicle replacement)	Upgrade Labor Cost Per Unit:				
Use pull-down menu	New Engine Model Year:				
	New Engine Horsepower:				
Liters per cylinder	New Engine Cylinder Displacement:				
	New Engine Number of Cylinders:				
Use pull-down menu	New Engine Fuel Type:				
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:				
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:				

COPY AND PASTE ADDITIONAL COLUMNS AS NEEDED TO CAPTURE ALL ENGINE/VEHICLE GROUPS

COPY AND PASTE ADDITIONAL COLUMNS AS NEEDED TO CAPTURE ALL ENGINE/VEHICLE GROUPS

Instructions / Units	Fleet Information	Group 1	Group 2	Group 3	Group 4
This is 2018	Fiscal Year of EPA Funds Used:	2020			
	Vehicle Name:	Bus #3882 (KEENER)			
	Vehicle Owner:	Shady Grove School District			
This is On Highway	Vehicle Type:	On Highway			
Leave this row blank	Primary Place of Performance				
	- State(s):	Oklahoma			
	- County:	Cherokee			
	- City:	Hulbert			
	- Zip Code:	74441			
Use pull-down menu	Target:	School Bus			
Use pull-down menu	Vehicle Class or Equipment Type:	Class 6-7			
This is "1"/Enter one vehicle per column	Quantity:	1			
	Vehicle Identification Number:	4UZAAXDD86CU73882			
	Vehicle Make:	Freightliner			
	Vehicle Model:	Bus			
Use pull-down menu	Vehicle Model Year:	2005			
	Engine Serial Number:	KAL88169			
	Engine Make:	CAT			
	Engine Model:	C7			
Use pull-down menu	Engine Model Year:	2005			
	Engine Horsepower:	210			
Liters per cylinder	Engine Cylinder Displacement:	7.2L			
	Engine Number of Cylinders:	6			
Use pull-down menu	Engine Fuel Type:	ULSD			
Gallons per year	Annual Amount of Fuel Used:	1350			
Miles per vehicle	Annual Miles Traveled:	8000			
Hours per engine	Annual Idling Hours:	160			
Years per engine; Total number of years of engine life remaining at time of upgrade action	Remaining Life:	6			
Year in which vehicle would normally be retired/sold by the fleet owner if not for the grant	Normal Attrition Year:	2027			
Use pull-down menu	Year of Upgrade Action:				
Use pull-down menu	Upgrade Type:				
Use pull-down menu	Upgrade:				
Cost of vehicle or equipment only	Upgrade Cost Per Unit:	82000			
Cost of labor to install equipment ("N/A" if vehicle replacement)	Upgrade Labor Cost Per Unit:	NA			
Use pull-down menu	New Engine Model Year:	2021			
	New Engine Horsepower:	220			
Liters per cylinder	New Engine Cylinder Displacement:	1.117L/Cylinder			
	New Engine Number of Cylinders:	6			
Use pull-down menu	New Engine Fuel Type:	Diesel			
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:	64			
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	270			

COPY AND PASTE ADDITIONAL COLUMNS AS NEEDED TO CAPTURE ALL ENGINE/VEHICLE GROUPS



Grant Recipient	Talihina Public Schools
Reporting Period	January - March 2021

Instructions / Units	Fleet Information	Group 1	Group 2	Group 3	Group 4
This is 2018	Fiscal Year of EPA Funds Used:	2020			
	Vehicle Name:	Bus #1			
	Vehicle Owner:	Talihina Public Schools			
This is On Highway	Vehicle Type:	On Highway			
Leave this row blank	Primary Place of Performance	Highway/Bus Route Mileage			
	- State(s):	Oklahoma			
	- County:	Leflore			
	- City:	Talihina			
	- Zip Code:	74571			
Use pull-down menu	Target:	School Bus			
Use pull-down menu	Vehicle Class or Equipment Type:	Class 6-7			
This is "1"/Enter one vehicle per column	Quantity:	1			
	Vehicle Identification Number:	1GDL71C3YJ507300			
	Vehicle Make:	Bluebird			
	Vehicle Model:	Bus			
Use pull-down menu	Vehicle Model Year:	1999			
	Engine Serial Number:	8YL16148			
	Engine Make:	Caterpillar			
	Engine Model:	Caterpillar 3126			
Use pull-down menu	Engine Model Year:	1999			
	Engine Horsepower:	154 2400 RPM			
Liters per cylinder	Engine Cylinder Displacement:	39.9			
	Engine Number of Cylinders:	8			
Use pull-down menu	Engine Fuel Type:	ULSD			
Gallons per year	Annual Amount of Fuel Used:	743			
Miles per vehicle	Annual Miles Traveled:	3970			
Hours per engine	Annual Idling Hours:	27.5			
Years per engine; Total number of years of engine life remaining at time of upgrade action	Remaining Life:	7			
Year in which vehicle would normally be retired/sold by the fleet owner if not for the grant	Normal Attrition Year:	2028			
Use pull-down menu	Year of Upgrade Action:	2021			
Use pull-down menu	Upgrade Type:	Bluebird Bus			
Use pull-down menu	Upgrade:	School Bus			
Cost of vehicle or equipment only	Upgrade Cost Per Unit:	\$78,699			
Cost of labor to install equipment ("N/A" if vehicle replacement)	Upgrade Labor Cost Per Unit:	\$78,699			
Use pull-down menu	New Engine Model Year:	2021			
	New Engine Horsepower:	210			
Liters per cylinder	New Engine Cylinder Displacement:	439 in3			
	New Engine Number of Cylinders:	6			
Use pull-down menu	New Engine Fuel Type:	Diesel			
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:	Projected 50% reduction			
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	Projected 25% reduction			

COPY AND PASTE ADDITIONAL COLUMNS AS NEEDED TO CAPTURE ALL ENGINE/VEHICLE GROUPS

Instructions / Units	Fleet Information	Group 1	Group 2	Group 3	Group 4
This is 2018	Fiscal Year of EPA Funds Used:	2020			
	Vehicle Name:	Bluebird			
	Vehicle Owner:	Taloga Public Schools			
This is On Highway	Vehicle Type:	On highway			
Leave this row blank	Primary Place of Performance				
	- State(s):	Oklahoma			
	- County:	Dewey			
	- City:	Taloga			
	- Zip Code:	73667			
Use pull-down menu	Target:	School Bus			
Use pull-down menu	Vehicle Class or Equipment Type:	Class 6-7			
This is "1"/Enter one vehicle per column	Quantity:	1			
	Vehicle Identification Number:	1GBL7TIC2WJ113331			
	Vehicle Make:	Bluebird			
	Vehicle Model:	Bus			
Use pull-down menu	Vehicle Model Year:	1999			
	Engine Serial Number:	7AS25308			
	Engine Make:	Caterpillar			
	Engine Model:	3126			
Use pull-down menu	Engine Model Year:	1998			
	Engine Horsepower:	142			
Liters per cylinder	Engine Cylinder Displacement:	7.2			
	Engine Number of Cylinders:	6			
Use pull-down menu	Engine Fuel Type:	ULSD			
Gallons per year	Annual Amount of Fuel Used:	3,000			
Miles per vehicle	Annual Miles Traveled:	18,500			
Hours per engine	Annual Idling Hours:	165			
Years per engine; Total number of years of engine life remaining at time of upgrade action	Remaining Life:	3			
Year in which vehicle would normally be retired/sold by the fleet owner if not for the grant	Normal Attrition Year:	2024			
Use pull-down menu	Year of Upgrade Action:				
Use pull-down menu	Upgrade Type:				
Use pull-down menu	Upgrade:				
Cost of vehicle or equipment only	Upgrade Cost Per Unit:				
Cost of labor to install equipment ("N/A" if vehicle replacement)	Upgrade Labor Cost Per Unit:				
Use pull-down menu	New Engine Model Year:				
	New Engine Horsepower:				
Liters per cylinder	New Engine Cylinder Displacement:				
	New Engine Number of Cylinders:				
Use pull-down menu	New Engine Fuel Type:				
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:				
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:				

COPY AND PASTE ADDITIONAL COLUMNS AS NEEDED TO CAPTURE ALL ENGINE/VEHICLE GROUPS

Grant Recipient	Yukon Public Schools
Reporting Period	January - March, 2021

Instructions / Units	Fleet Information	Group 1	Group 2	Group 3	Group 4
This is 2018	Fiscal Year of EPA Funds Used:	2020	2020	2020	2020
	Vehicle Name:	1BAKGCKH95F220826	1HVBBABP92H528508	1HVBBABM1YH287784	1BAKGCKH75F220825
	Vehicle Owner:	Yukon Public Schools	Yukon Public Schools	Yukon Public Schools	Yukon Public Schools
This is On Highway	Vehicle Type:	On Highway	On Highway	On Highway	On Highway
Leave this row blank	Primary Place of Performance				
	- State(s):	Oklahoma	Oklahoma	Oklahoma	Oklahoma
	- County:	Canadian	Canadian	Canadian	Canadian
	- City:	Yukon	Yukon	Yukon	Yukon
	- Zip Code:	73099	73099	73099	73099
Use pull-down menu	Target:	School Bus	School Bus	School Bus	School Bus
Use pull-down menu	Vehicle Class or Equipment Type:	Class 6-7	Class 6-8	Class 6-9	Class 6-10
This is "1"/Enter one vehicle per column	Quantity:	1	1	1	1
	Vehicle Identification Number:	1BAKGCKH95F220826	1HVBBABP92H528508	1HVBBABM1YH287784	1BAKGCKH75F220825
	Vehicle Make:	Blue Bird	International	International	Blue Bird
	Vehicle Model:	B.B.	B.B.	B.B.	B.B.
Use pull-down menu	Vehicle Model Year:	2005	2002	2000	2005
	Engine Serial Number:	KAL33130	INVXH0444ANB	XNVXH0444ANA	KAL34709
	Engine Make:	CAT	International	International	CAT
	Engine Model:	C7	C210	B190	C7
Use pull-down menu	Engine Model Year:	2004	2001	1999	2004
	Engine Horsepower:	210	210	190	210
Liters per cylinder	Engine Cylinder Displacement:	7.2L	7.3L	7.3L	7.2L
	Engine Number of Cylinders:	6	8	8	6
Use pull-down menu	Engine Fuel Type:	ULSD	ULSD	ULSD	ULSD
Gallons per year	Annual Amount of Fuel Used:	1812	1471	1919	1870
Miles per vehicle	Annual Miles Traveled:	9061	8827	9595	9346
Hours per engine	Annual Idling Hours:	43	43	43	43
Years per engine; Total number of years of engine life remaining at time of upgrade action	Remaining Life:	11	12	5	10
Year in which vehicle would normally be retired/sold by the fleet owner if not for the grant	Normal Attrition Year:	2032	2033	2026	2031
Use pull-down menu	Year of Upgrade Action:				
Use pull-down menu	Upgrade Type:				
Use pull-down menu	Upgrade:				
Cost of vehicle or equipment only	Upgrade Cost Per Unit:				
Cost of labor to install equipment ("N/A" if vehicle replacement)	Upgrade Labor Cost Per Unit:				
Use pull-down menu	New Engine Model Year:				
	New Engine Horsepower:				
Liters per cylinder	New Engine Cylinder Displacement:				
	New Engine Number of Cylinders:				
Use pull-down menu	New Engine Fuel Type:				
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:				
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:				

COPY AND PASTE ADDITIONAL COLUMNS AS NEEDED TO CAPTURE ALL ENGINE/VEHICLE GROUPS



Instructions / Units	Fleet Information	Group 1	Group 2	Group 3	Group 4
This is 2018	Fiscal Year of EPA Funds Used:	2020			
	Vehicle Name:	ZANEIS ROUTE BUS			
	Vehicle Owner:	ZANEIS SCHOOL			
This is On Highway	Vehicle Type:	On Highway			
Leave this row blank	Primary Place of Performance				
	- State(s):	OKLAHOMA			
	- County:	CARTER			
	- City:	WILSON			
	- Zip Code:	73463			
Use pull-down menu	Target:	School Bus			
Use pull-down menu	Vehicle Class or Equipment Type:	Class 6-7			
This is "1"/Enter one vehicle per column	Quantity:	1			
	Vehicle Identification Number:	4UZAAWDD26CU73886			
	Vehicle Make:	THOMAS BUILT BUS			
	Vehicle Model:	FS 65			
Use pull-down menu	Vehicle Model Year:	2005			
	Engine Serial Number:	KAL88148			
	Engine Make:	CAT			
	Engine Model:	C7			
Use pull-down menu	Engine Model Year:	2005			
	Engine Horsepower:	207			
Liters per cylinder	Engine Cylinder Displacement:	7.2 LITER			
	Engine Number of Cylinders:	6			
Use pull-down menu	Engine Fuel Type:	ULSD			
Gallons per year	Annual Amount of Fuel Used:	989			
Miles per vehicle	Annual Miles Traveled:	5925			
Hours per engine	Annual Idling Hours:	16			
Years per engine; Total number of years of engine life remaining at time of upgrade action	Remaining Life:	3			
Year in which vehicle would normally be retired/sold by the fleet owner if not for the grant	Normal Attrition Year:	2024			
Use pull-down menu	Year of Upgrade Action:				
Use pull-down menu	Upgrade Type:				
Use pull-down menu	Upgrade:				
Cost of vehicle or equipment only	Upgrade Cost Per Unit:				
Cost of labor to install equipment ("N/A" if vehicle replacement)	Upgrade Labor Cost Per Unit:				
Use pull-down menu	New Engine Model Year:				
	New Engine Horsepower:				
Liters per cylinder	New Engine Cylinder Displacement:				
	New Engine Number of Cylinders:				
Use pull-down menu	New Engine Fuel Type:				
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:				
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:				

CURRENT VEHICLE INFORMATION

NEW VEHICLE/UPGRADE INFORMATION

COPY AND PASTE ADDITIONAL COLUMNS AS NEEDED TO CAPTURE ALL ENGINE/VEHICLE GROUPS

**APPENDIX B**  
**DERA Workplan, FY21**

## **2021 Diesel Emissions Reduction Act (DERA) State Grants**

### **Work Plan and Budget Narrative Template**

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INSTRUCTIONS: States and territories applying for 2021 DERA State Grants should use this template to prepare their Work Plan and Budget Narrative.

Please refer to the 2021 DERA State Grants Program Guide full program details, eligibility criteria and funding restrictions, and application instructions.

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## SUMMARY PAGE

**Project Title: Oklahoma Clean Diesel Grant Program**

### **Project Manager and Contact Information**

**Organization Name: Oklahoma Department of Environmental Quality (DEQ)**

**Project Manager: Cecelia Kleman**

**Mailing Address: PO Box 1677, Oklahoma City, OK, 73101-1677**

**Phone: (405) 702-4100**

**Fax: (405) 702-4101**

**Email: cecelia.kleman@deq.ok.gov**

### **Project Budget Overview:**

	<b>2021</b>
EPA Base Allocation	\$344,463
EPA Match Bonus (if applicable)	\$172,232
Voluntary Matching Funds (if applicable)	\$344,463
Mandatory Cost-Share	\$1,874,418
<b>TOTAL Project Cost</b>	<b>\$2,735,576</b>

### **Project Period**

October 1, 2021 – September 30, 2023

### **Summary Statement**

The State of Oklahoma wishes to use the allocation to fund a clean diesel program for the purpose of replacing older school buses. Winning projects will be chosen through a priority system focusing on:

- emission reductions
- potential non-attainment counties
- cost effectiveness
- counties that contain at least one census tract where the modeled ambient diesel PM concentration from the 2014 National Air Toxics Assessment (<https://www.epa.gov/national-air-toxics-assessment>) is above the 80th percentile

- whether the vehicles/engines/equipment targeted for diesel emissions reductions are located at, or service, goods movement facilities such as:
  1. ports and airports (e.g. places alongside navigable water with facilities for the loading and unloading of passengers and/or cargo from ships, ferries, and other vessels; places from which aircraft operate that have paved runways and terminals which include cargo, baggage and/or passenger-movement operations; places where foreign goods are inspected by customs officers and allowed to pass into and out of a country)
  2. rail yards (e.g. places at which trains originate or terminate, or at which they are distributed or combined)
  3. terminals (e.g. freight and passenger stations at the end of carrier lines, or that serve as junctions at any point with other lines, that have facilities for the handling of freight and/or passengers)
  4. distribution centers (e.g. facilities that perform consolidation, warehousing, packaging, decomposition and other functions linked with handling freight, often in proximity to major transport routes or terminals, and which generate large amounts of truck traffic)

Details on past Oklahoma Clean Diesel Grant Program projects can be found here:

<http://www.deq.state.ok.us/aqdnew/cleandiesel/index.html>

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## **SCOPE OF WORK**

### **STATE/TERRITORY GOALS AND PRIORITIES:**

Oklahoma is currently designated attainment for all of the National Ambient Air Quality Standards (NAAQS) established by the federal government. Oklahoma does have areas that are classified as near non-attainment or potential non-attainment for ozone. This includes the Tulsa and Oklahoma City metropolitan areas, Comanche county, and Lawton County. Projects in potential non-attainment areas will have a priority value assigned to them in the selection criteria.

According to data from 2017 National Emissions Inventory, on-road emissions account for approximately 56.8% of NO<sub>x</sub> emissions, 25.6% of VOC emissions, 11.5% of PM<sub>2.5</sub> emissions, and 5.0% of PM<sub>10</sub> emissions in Oklahoma. Of those on-road emissions, light- and heavy-duty diesel engine emissions account for approximately 29.7% of NO<sub>x</sub> emissions, 2.7% of VOC emissions, 1.3% of PM<sub>2.5</sub> emissions, and 1.8% of PM<sub>10</sub> emissions.

Oklahoma DEQ will use the Diesel Emissions Quantifier to track the emissions reductions associated with each project. Specific fleet information provided by subgrant recipients will be included to produce more accurate estimates. If specific information is not available, Diesel Emissions Quantifier defaults will be used.

### **VEHICLES AND TECHNOLOGIES:**

Oklahoma proposes to focus on the replacement of school buses. With the estimated budget, DEQ anticipates replacing 25 buses with FY21 funding. DEQ is proud to have successfully replaced over 200 school buses with its school bus replacement programs, resulting in a positive impact on air quality.

Eligible Diesel Buses to be replaced must meet all the following:

- must be fully operational.
- must be owned and operated by participating fleet owner two years prior to upgrade.
- must have at least three years of remaining life at the time of upgrade.
- must have accumulated at least 7,000 miles/year during the two years prior to upgrade, or during calendar year 2019.

Eligible Replacement Projects must include all of the following:

- a school bus or buses operating on one of the following fuel types: diesel, gasoline, all-electric, propane (LPG), or natural gas (LNG or CNG).
- a replacement school bus or buses with EMY 2019 or newer.
- a bus or buses with GVWR Class 4-8 of the same or similar type of GVWR than the Eligible Bus. The replacement vehicle must not be a larger weight class than the existing vehicle.

- a bus or buses which operates primarily within the State of Oklahoma..

Reimbursement amounts:

- Oklahoma may fund up to 25% of the cost of a replacement vehicle powered by a 2019 model year or newer engine certified to EPA emission standards. Highway engine emission standards are available at: <https://www.epa.gov/emission-standards-reference-guide/epa-emission-standards-heavy-duty-highway-engines-and-vehicles>.
- Oklahoma may fund up to 35% of the cost of a replacement vehicle powered by a 2019 model year or newer engine certified to meet CARB's Optional Low-NOx Standards. A list of certified vehicles is available at: <https://www.arb.ca.gov/msprog/onroad/cert/cert.php>.
- Oklahoma may fund up to 45% of the cost of a 2019 model year or newer zero-emission (all-electric) replacement vehicle.

Highway engine emission standards are available at: <https://www.epa.gov/emission-standards-reference-guide/epa-emission-standards-heavy-duty-highway-engines-and-vehicles>. Funds will only be awarded for school buses that meet these standards or better.

In addition, schools receiving buses will be required to implement and/or maintain anti-idling policies. Anti-idling practices are important because they save fleets money while reducing emissions. Idling should be limited to the engine manufacturer recommendations (generally no more than five minutes). There are different policies which may be applied to implement these practices, such as limiting idling time, vehicle monitoring, and allowing idling only when necessary.

Grant recipients will be required to keep any replacement vehicle in good working order for a minimum of five years after the project period ends.

### **ROLES AND RESPONSIBILITIES:**

DEQ will sub-grant funding to selected awardees based on selection criteria and their ability to meet the grant requirements. Activities will take place at various times during the project period as indicated in the timeline below.

DEQ will be responsible for:

- announcing the Grant Solicitation, award recipients, and ongoing program information on the DEQ's Oklahoma Clean Diesel webpage: <http://www.deq.state.ok.us/AQDNEW/cleandiesel/index.html>.
- scoring and ranking proposals submitted by applicants for subgrants.
- reviewing all proposals and ensuring successful recipients meet EPA funding requirements as established in the 2021 DERA State Grants Program Guide.
- contacting subgrant awardees to inform them of their responsibilities during the project period. If any of the awardees chooses not to accept the award, then the next school on



the ranked list will be notified and offered the subgrant award. Applicants not chosen for the subgrant will be notified by the project manager.

- maintaining contact with the subgrant recipients, which is critical to the success of each project.
- engaging in outreach activities such as webinars, meetings, and social media to maintain contact with various stakeholders.
- working with subgrant recipients to help arrange award ceremonies or other appropriate recognition, as requested by subgrant recipients.
- communicating program successes with the local and regional news media.
- fulfilling EPA grant reporting requirements.
- ensuring that grant projects are completed within the designated timelines and informing EPA of any discrepancies.
- performing inspections as needed to ensure project work has been completed.

Project partners will be responsible for:

- submitting proposals by the deadline.
- signing Memoranda of Agreement (MOAs).
- completing eligible projects as specified within grant guidelines and timelines.
- maintaining contact with DEQ.
- providing progress reports and financial statements to DEQ.

The Oklahoma Clean Diesel Grant Program will not support grant rebates and/or loan projects.

#### DEQ's Disbursement Methodology

1. Subgrantees are selected.
2. Subgrantees sign MOA describing terms of subgrant, including estimated project cost.
3. MOA is signed by the DEQ Director, Scott A. Thompson.
4. DEQ issues a Purchase Order for the estimated project cost of the subgrant.
5. A copy of the executed MOA and a Notice to Proceed is emailed to the subgrantee.
6. Subgrantees carry out details of the selected project, going out to bid for performed work and purchased items as necessary.
7. After project completion, subgrantees submit an invoice for the actual project cost to DEQ, along with any supporting documentation (receipts, bids, etc.).
8. DEQ confirms the project was completed to satisfaction and within grant terms.
9. Once paperwork is in order and all terms are satisfied, DEQ issues payment to subgrantee as reimbursement for project work completed.
10. If enough time remains in the project period, any leftover funds resulting from projects that come in below estimated cost will be considered for additional projects.

DEQ will not utilize any additional leveraged resources beyond any voluntary matching funds or mandatory cost-share funds included in the project budget.

**TIMELINE AND MILESTONES:**

FY 2021		
Action	Start Date*	End Date*
Submit Notice of Intent Participate	March 3, 2021	March 18, 2021
Submit Work Plan, Budget Narrative, and Fleet Description		April 26, 2021
Submit Grants.gov Application		May 26, 2021
Subgrant Program Development/Develop Grant Solicitation	October 1, 2021	October 15, 2021
Announce Funding and publish Grant Solicitation		October 18, 2021
Accept Applications	October 18, 2021	December 10, 2021
Review and Select Applications	December 10, 2021	March 18, 2022
Make Subawards / Complete MOAs	March 21, 2022	April 1, 2022
Project Implementation	April 1, 2022	September 1, 2023
Procurement of New School Bus	April 1, 2022	September 1, 2023
Monitoring and Oversight of Project	March 1, 2021	September 30, 2023
Quarterly Reporting	October 1, 2021	September 30, 2023
Project Completion Date		September 30, 2023
Final Report Deadline		December 30, 2023

\*These dates may be adjusted depending upon the date of the award.

**DERA PROGRAMMATIC PRIORITIES:**

The Oklahoma Clean Diesel Grant Program will ensure that the programmatic priorities outlined in the Diesel Emissions Reduction Act of 2010 (42 USC 16131 *et seq.*) will be met as described below.

Areas in non-attainment or maintenance of NAAQS for Ozone and/or PM<sub>2.5</sub>

These grant projects will impact areas with high population density and/or poor air quality. Since Oklahoma has maintained attainment status for all criteria pollutants since 1990, special consideration will be given to the near non-attainment MSAs of Oklahoma City and Tulsa. Oklahoma DEQ is always aware that a period of unusual weather may change Oklahoma’s attainment status.

Areas with toxic air pollutant concerns as identified from the National Air Toxics Assessment (NATA) data

Rogers County is on the 2020 DERA Priority County List per the 2014 National Scale Air Toxics Assessment. This means that all or part of the county’s population was exposed to more than 2.0 µg/m<sup>3</sup> of diesel particulate matter emissions.

### Areas designated as Federal Class I areas

The Wichita Mountains National Wildlife Refuge near Lawton, Oklahoma is an 8,900-acre Mandatory Class I Federal Area.

### Areas accepted to participate in EPA's Ozone Advance or PM Advance Programs

The Oklahoma City and Tulsa MSAs are currently participating in the Ozone Advance program to encourage voluntary reductions to maintain current ozone attainment statuses.

### Areas that receive a disproportionate quantity of air pollution from diesel fleets

Grant project funding will impact areas that receive a disproportionate quantity of air pollution from diesel fleets. These areas include school properties, neighborhoods, major highways, and large metropolitan areas. Oklahoma City and Tulsa have many distribution centers such as the Amazon Fulfillment Distribution Center in Oklahoma City. Two major interstates, I-40 and I-35, intersect in Oklahoma City and I-44 passes through both Oklahoma City and Tulsa, bringing heavy semi-truck traffic.

Oklahoma's DERA program will maximize public health benefits to the citizens of the state by giving priority consideration to projects that will reduce diesel emissions in the areas described above. Diesel exhaust contains fine particles which can aggravate asthma and cause lung damage, as well as premature death. These replacements will provide quantifiable reductions of emissions.

The Oklahoma DEQ DERA program offers a diesel to gasoline option. A gasoline engine is less expensive to own and emits less NO<sub>x</sub> than a diesel engine. The Blue Bird Vision gasoline school bus has received full EPA and CARB certification. This model is equipped with a Ford 6.8L V10 engine<sup>1</sup>. It achieved an emission output of 0.08 g/bhp-hr NO<sub>x</sub> during certification. This output of nitrogen oxides is significantly less than the federal standard of 0.2 g/bhp-hr<sup>1</sup>.

This program offers a diesel to CNG option. When comparing the cost of NO<sub>x</sub> reduction natural gas school buses are 19% more cost effective than diesel.<sup>2</sup> The natural gas engine has been certified by the EPA and CARB and is 50% cleaner than EPA's current heavy-duty exhaust standard.

The Oklahoma DERA program offers a diesel to LPG option. The Blue Bird company offers a propane school bus certified by the EPA and CARB. The propane engines are 90% cleaner than the 2010 EPA standards<sup>3</sup>. This model is equipped with a Ford 6.8L engine and has achieved an emission output of 0.05 g/bhp-hr NO<sub>x</sub> during certification.

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<sup>1</sup> <https://www.schoolbusfleet.com/news/721711/blue-bird-vision-gasoline-school-bus-certified-by-epa-carb>

<sup>2</sup> [https://www.ngvamerica.org/wp-content/uploads/2018/04/NGVA-One-Sheet\\_School-Bus-Type-C.pdf](https://www.ngvamerica.org/wp-content/uploads/2018/04/NGVA-One-Sheet_School-Bus-Type-C.pdf)

<sup>3</sup> <https://www.schoolbusfleet.com/10041033/blue-bird-offering-engine-certified-to-low-nox-for-propane-school-buses>

<sup>4</sup><https://www.blue-bird.com/buses/electric-school-buses>

This program offers a diesel to all-electric option. Electric school buses have zero emissions. The electric motor is maintenance free and can get up to 120 miles in a single charge<sup>4</sup>.

### **EPA'S STRATEGIC PLAN LINKAGE AND ANTICIPATED OUTCOMES/OUTPUTS:**

The Oklahoma Clean Diesel Grant Program will support EPA's FY 2018-22 Strategic Plan Goal 1, Objective 1.1, 'Improve Air Quality,' which states, "work with states and tribes to accurately measure air quality and ensure that more Americans are living and working in areas that meet high air quality standards." Diesel vehicle replacements will reduce local and regional air pollution, including particulate matter, carbon monoxide, hydrocarbons, and toxic air pollutants. These actions will help Oklahoma achieve and maintain health-based air pollution standards and reduce risk from toxic air pollutants, improving air quality for the public.

#### **Outputs**

The outputs of the requested projects will include:

- the number of full vehicle replacements. This will be tracked quarterly by DEQ staff.
- adoption of an idle reduction policy for each subgrant recipient.
- the number of hours of idling reduced, which will be estimated by DEQ staff.
- the annual pounds of nitrogen oxides, particulate matter, carbon monoxide, carbon dioxide, and hydrocarbon emissions reduced. This will be calculated quarterly by DEQ staff using EPA's Diesel Emissions Quantifier.
- cost effectiveness. This will be estimated quarterly by DEQ staff using the Diesel Emissions Quantifier.

#### **Outcomes**

Expected outcomes from projects funded under this program may include, but are not limited to:

- short-term outcomes. Short-term outcomes of the projects will include reduced emissions of pollutants associated with diesel engines.
- medium-term outcomes. Medium-term outcomes of the projects will include widespread adoption of the implemented technology and documented emissions reductions from these and other sources of diesel emissions in multiple states (using the Diesel Emissions Quantifier).
- long-term outcomes. Long-term outcomes of the projects will include documented improved ambient air quality.

### **SUSTAINABILITY OF THE PROGRAM:**

From FY 2008 through FY 2012 and from FY 2017 through FY 2020, DEQ successfully administered the Oklahoma Clean Diesel Grant Program, which primarily focused on the replacement, repower, and retrofitting of school buses across the state. In addition, DEQ successfully administered ARRA grant money to further the clean school bus program in FY 2008 and FY 2009.

DEQ will continue to share funding information with state superintendents, trade associations, and municipalities. Additionally, staff will investigate new ways to publicize the FY 2020 funding opportunity. DEQ will continue to promote the Oklahoma Clean Diesel Grant Program on its website: <http://www.deq.state.ok.us/AQDNEW/cleandiesel/index.html>. This webpage not only connects potential subgrant recipients to new funding opportunities but allows them to see the history of Oklahoma Clean Diesel Program successes. The webpage also includes information on clean diesel issues, including idle reduction, and health and environmental impacts. DEQ will also publicize grant opportunities through social media.

DEQ has promoted the Oklahoma Clean Diesel Grant Program in past years by honoring the good works of subgrant recipients through awards and press events. If subgrant recipients show interest in such recognition, DEQ will continue to recognize successful applicants for their commitment to improving Oklahoma's air quality through the reduction of diesel emissions.

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## BUDGET NARRATIVE

### 2021 Itemized Project Budget

Budget Category	EPA Allocation	Mandatory Cost-Share	Voluntary Match (if applicable)	Line Total
			VW Mitigation Trust Funds	
1. Personnel	\$41,610	\$0	\$27,740	\$69,350
2. Fringe Benefits	\$19,282	\$0	\$12,854	\$32,136
3. Travel	\$300	\$0	\$200	\$500
4. Equipment	\$0	\$0	\$0	\$0
5. Supplies	\$180	\$0	\$120	\$300
6. Contractual	\$0	\$0	\$0	\$0
7. Other	\$440,605	\$1,874,418	\$293,737	\$2,608,760
<b>8. Total Direct Charges (sum 1-7)</b>	\$501,977	\$1,874,418	\$334,651	\$2,711,046
9. Indirect Charges	\$14,718	\$0	\$9,812	\$24,530
<b>10. Total (Indirect + Direct)</b>	\$516,695	\$1,874,418	\$344,463	\$2,735,576
11. Program Income	\$0	\$0	\$0	\$0

**Explanation of Budget Framework**

• **Personnel**

- **OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY  
CLEAN DIESEL GRANT - FFY 2021  
SALARY, FRINGE AND INDIRECT**

**Year 1**

	<b>Annual</b>	<b>Annual</b>	<b>Annual</b>	<b>MAN- YEAR</b>	<b>GRANT</b>	<b>GRANT</b>	<b>INDIRECT</b>	<b>GRANT</b>
<b>CLASSIFICATION</b>	<b>Salary</b>	<b>Fringe</b>	<b>Indirect</b>	<b>ON GRANT</b>	<b>SALARY</b>	<b>FRINGES</b>	<b>COSTS</b>	<b>TOTAL</b>
Env Programs Specialist III	\$54,545	\$25,995	\$19,467	0.35	\$19,091	\$9,098	\$ 6,813	\$35,002
Env Programs Specialist II	\$47,749	\$24,354	\$17,427	0.05	\$2,387	\$1,218	\$ 871	\$4,476
Env Programs Specialist IV	\$64,094	\$28,301	\$22,332	0.05	\$3,205	\$1,415	\$1,117	\$5,737
Env Programs Specialist IV	\$60,519	\$27,438	\$21,259	0.05	\$3,026	\$1,372	\$1,063	\$5,461
Environmental Attorney III	\$72,493	\$30,330	\$24,852	0.05	\$3,625	\$1,517	\$1,243	\$6,385
Env Programs Manager	\$66,817	\$28,959	\$23,149	0.05	\$3,341	\$1,448	\$1,158	\$5,947
<b>TOTALS</b>	<b>\$366,217</b>	<b>\$165,377</b>	<b>\$128,486</b>	<b>0.60</b>	<b>\$34,675</b>	<b>\$16,068</b>	<b>\$12,265</b>	<b>\$63,008</b>

	<b>EPA Allocation</b>	<b>Voluntary Match</b>	<b>Mandatory Cost Share</b>	<b>Total</b>
Salary	\$20,805.0	\$13,870.0	n/a	\$34,675
Fringe	\$9,640.8	\$6,427.2	n/a	\$16,068
Indirect	\$7,359.0	\$4,906.0	n/a	\$12,265
<b>TOTAL</b>	<b>\$37,805</b>	<b>\$25,203</b>		<b>\$63,008</b>



**Year 2**

	Annual	Annual	Annual	MAN-YEAR	GRANT	GRANT	INDIRECT	GRANT
CLASSIFICATION	Salary	Fringe	Indirect	ON GRANT	SALARY	FRINGES	COSTS	TOTAL
Env Programs Specialist III	\$54,545	\$25,995	\$19,467	0.35	\$19,091	\$9,098	\$ 6,813	\$35,002
Env Programs Specialist II	\$47,749	\$24,354	\$17,427	0.05	\$2,387	\$1,218	\$ 871	\$4,476
Env Programs Specialist IV	\$64,094	\$28,301	\$22,332	0.05	\$3,205	\$1,415	\$1,117	\$5,737
Env Programs Specialist IV	\$60,519	\$27,438	\$21,259	0.05	\$3,026	\$1,372	\$1,063	\$5,461
Environmental Attorney III	\$72,493	\$30,330	\$24,852	0.05	\$3,625	\$1,517	\$1,243	\$6,385
Env Programs Manager	\$66,817	\$28,959	\$23,149	0.05	\$3,341	\$1,448	\$1,158	\$5,947
<b>TOTALS</b>	<b>\$366,217</b>	<b>\$165,377</b>	<b>\$128,486</b>	<b>0.60</b>	<b>\$34,675</b>	<b>\$16,068</b>	<b>\$12,265</b>	<b>\$63,008</b>

	EPA Allocation	Voluntary Match	Mandatory Cost Share	Total
Salary	\$20,805.0	\$13,870.0	n/a	\$34,675
Fringe	\$9,640.8	\$6,427.2	n/a	\$16,068
Indirect	\$7,359.0	\$4,906.0	n/a	\$12,265
<b>TOTAL</b>	<b>\$37,805</b>	<b>\$25,203</b>		<b>\$63,008</b>

- Travel**  
 It is anticipated that two staff members will do two to three spot inspections within the state for site visits to confirm equipment has been disabled as required and, in some cases, conduct award ceremonies to recognize participation in the DERA program. Award ceremonies will be conducted upon request of subgrant recipients. The mileage reimbursement rate is \$0.57 per mile. The total cost is approximately \$500.
- Supplies**  
 Supplies include items such as postage, paper, pens, certificates for participants, and other miscellaneous office supplies. The total cost is approximately \$300.
- Contractual**  
 No contractual services are anticipated for the grant program. However, the competitive bid provisions of the Oklahoma purchasing act (Title 74 O.S. §85.1 *et seq.*) of the Oklahoma State Statute and the State Purchasing Rules ensure fair competition for suppliers. Designated purchasing agents are required to obtain bids as authorized by The Central Purchasing Act for the purchase of goods, services, construction, or information services. The State Purchasing Director oversees solicitations for acquisitions by invitation to bid,

request for proposal, or request for quotation, and ensures that an evaluation method is clearly identified in any solicitation. The evaluation method must be either “lowest or best” or “best value.”

- **Other**  
For the purposes of this application, Oklahoma assumes all successful applicants will be from school districts to replace buses. DEQ will administer the funds to final recipients as subawards through a competitive selection process. As projects are carried out, any allocation changes will be updated and published in the forthcoming quarterly and summary reports

FY 2021				
Budget Category	Cost Per Bus	EPA Allocation (per bus)	Voluntary Match (per bus)	Mandatory Cost-Share (per bus)
8. Other				
20 Diesel Buses	\$93,000.00	\$13,950.00	\$9,300.00	\$69,750.00
3 Propane Buses	\$91,000.00	\$13,650.00	\$9,100.00	\$68,250.00
1 CNG Bus	\$130,000.00	\$27,300.00	\$18,200.00	\$84,500.00
1 Electric Bus	\$345,760.00	\$93,355.00	\$62,237.00	\$190,168.00
<b>Grand Total</b>	<b>\$2,608,760.00</b>	<b>\$440,605.00</b>	<b>\$293,737.00</b>	<b>\$1,874,418.00</b>

**Administrative Costs Expense Cap**

Oklahoma DEQ understands up to 15% of the award can be used for administrative costs. The DEQ has budgeted for administrative costs to be 14.7%.

**Matching Funds and Cost-Share Funds**

For the 2021 funding year, the Oklahoma Department of Environmental Quality will match the EPA allocation of \$344,463 to maximize available funding allocations from EPA. DEQ intends to again use the DERA Option of the Volkswagen settlement for this match.

Applicants pursuing clean diesel projects will be required to provide matching funds. The actual match percentage is described in detail for each potential project under Vehicles and Technologies in the Scope of Work. The DEQ will follow EPA guidelines and requirements regarding all clean diesel projects.

**Funding Partnerships**

The grant program will fund projects through subawards only.