

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 July 1, 2021 to December 31, 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

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.



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

VOLKSWAGEN ENVIRONMENTAL MITIGATION TRUST SEMIANNUAL REPORT

BENEFICIARY: State of Oklahoma

LEAD AGENCY: Oklahoma Department of Environmental Quality

REPORTING PERIOD: July 1, 2021 – December 31, 2021

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.

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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-01F65501-1 covers the FY20 Oklahoma Clean Diesel Program and Grant #DS-02F00301-0 covers the FY21 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. 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. A total of four Attachment A's have been approved for this D-4 during this reporting period. One Attachment A for \$24,023.20 was submitted on June 30, 2021 and approved on July 6, 2021. One Attachment A for \$7,870.00 was submitted on July 13, 2021 and approved July 15, 2021. One Attachment A for \$27,372.50 was submitted on August 23, 2021 and approved on August 24, 2021. One additional Attachment A for \$135,000.00 was submitted on August 31, 2021 and approved on September 1, 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 have finished their projects and have been reimbursed. Three awardees have extensions from a result of factory shortages. As a result of this program, 26 old diesel school buses will be replaced with 26 new diesel or gasoline school buses throughout the state. Because the FY20 DERA program is part of a 2-year grant, it shares a project end date with FY19 DERA of December 30, 2022.

TABLE 1: 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 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	0.00	-	-	0.00	627.90	
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	84,877.00	64,418.00	12,275.40	8,183.60	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	75,232.00	56,424.00	11,284.80	7,523.20	7,600.00	76.80
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	153,500.00	115,125.00	23,025.00	15,350.00	15,350.00	-
Replacement of one 2002 and one 2004 diesel school buses with two EPA-certified 2018 or newer school buses	Kingfisher Puilib Schools	160,000.00	120,000.00	24,000.00	16,000.00	163,080.00	123,080.00	24,000.00	16,000.00	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	81,100.00	61,400.00	11,820.00	7,880.00	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	78,699.00	59,024.00	11,805.00	7,870.00	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	84,400.00	63,300.00	12,660.00	8,440.00	8,492.00	52.00
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	-	-	-	-	28,449.90	

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 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 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	-	-	-	-	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	113,499.00	86,756.75	16,045.35	10,696.90	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	75,816.00	56,862.00	11,372.40	7,581.60	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	81,928.00	61,446.00	12,289.20	8,192.80	8,400.00	207.20
Replacement of one 1998 and one 2002 diesel school buses with two EPA-certified 2018 or newer school buses	Miamia Public Schools	164,416.00	123,312.00	24,662.40	16,441.60	164,416.00	123,312.00	24,662.40	16,441.60	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	-	-	-	-	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	87,821.00	65,865.75	13,173.15	8,782.10	8,782.10	-
	Administrative	60,426.00	-	36,256.00	24,170.00	41,715.54	-	22,725.67	18,989.87	24,170.00	
	Project Totals	3,198,794.00	2,353,776.00	507,011.00	338,007.00	1,286,083.54	937,013.50	207,138.37	141,931.67	218,435.70	
	Percentage	100%	73.58%	15.85%	10.57%	100%	72.86%	16.11%	11.04%		

2. FY21 DERA

DEQ was awarded \$516,695 on September 30, 2021 by EPA for the FY21 DERA program. DEQ submitted a D-4 to the Trust for \$344,463.00, with Project ID# DS-02F00301-0, on October 20, 2021 and approval was received on December 21, 2021. A grant solicitation was published on October 20, 2021 and applications were received until December 10, 2021. The grant solicitation is included as Appendix B of this report. Applications are currently being scored and the recipients are expected to be announced during the next reporting period.

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, two Attachment A's were approved. One Attachment A was submitted on June 30, 2021 and approved on July 6, 2021 for \$139,344.00, and one Attachment A was submitted on August 31, 2021 and approved on September 1, 2021 for \$342,715.23. 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 reporting period, two awardees completed their projects and received their reimbursements. The three remaining projects are still encountering delays specifically in the delivery of their buses, but they have generally been able to make progress elsewhere. Unfortunately, there are still some delays relating to the COVID-19 pandemic, but recent progress has shown that outstanding entities should be able to finish their projects in the next reporting period.

The projects under years 2 and 3 for this program are combined in the summary table (Table 2) 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. These entities were approved to begin work on their projects in March of 2021.

During this reporting period, one awardee completed their project, and their reimbursement is currently being processed as the last of their documents are assembled for official submittal. The last remaining entity has been able to progress on their project, but they are still encountering some delays due to COVID-19 and lingering effects from the national auto shortages. This entity anticipated their bus delivery to take place in Spring of 2022, which should allow them to complete their project in the next reporting period.

TABLE 2: FY 2019 (YEAR 2) AND FY 2020 (YEAR 3) ALTERNATIVE FUEL SCHOOL BUS 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 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 (EMYS 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 (EMYS 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	52.17
Replacement of two diesel school buses (EMYS 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 (EMYS 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 (EMYS 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	\$255,627	130,369.77	125,257.23	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	280.76
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				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	\$207,112	115,278.00	91,834.00	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 CITY PUBLIC SCHOOLS	268,616.28	153,111.28	115,505.00				-	
Replacement of two diesel school buses (EMYS 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 (EMYS 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				125,257.23	
Replacement of three diesel school buses (EMYS 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	\$278,688	139,344.00	139,344.00	139,344.00	-
Replacement of two diesel school buses (EMYS 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 (EMYS 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				-	
	Administrative	126,000.00	-	126,000.00	38,795.58	-	38,795.58	65,000.00	
	Project Totals	5,936,807.24	2,905,403.62	3,031,403.62	2,090,235.58	1,066,699.80	1,023,535.78	1,300,954.36	332.93
	Percentage	100.0%	48.9%	51.1%	100.0%	51.0%	49.0%		

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/>.

The D-4 for Part 1, with Project ID #OK-EVSE, was closed out and \$116,882.44 of remaining funds were returned to the Trust in May of 2021. 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. During this reporting period three Attachment A's were approved. One Attachment A for \$545,728.13 was submitted on June 30, 2021 and approved on July 6, 2021. One Attachment A for \$98,544.80 was submitted on August 23, 2021 and approved on August 24, 2021. One additional Attachment A for \$147,000.00 was submitted on August 31, 2021 and approved on September 1, 2021.

Three of the six projects in Round 2 have been reimbursed. One project (Broken Bow) has been withdrawn. One project (Comanche) has been partially reimbursed with the remainder of the reimbursement packet in progress, and one project (Perry) is still in the construction phase.

TABLE 3: 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	1,584,054.92	\$177,312.08	177,312.08	-
Install 2 level 3 chargers in Broken Bow OK	Green Energy Solutions	154,214.40	46,264.32	107,950.08				21,080.80	21,080.80
Install 2 level 3 chargers in the City of Comanche OK	City of Comanche	88,140.00	17,628.00	70,512.00	76,640.00	15,328.00	61,312.00	70,512.00	
Install 1 level 3 charger in the City of Perry OK	City of Perry	66,759.00	13,352.00	55,407.20				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	317,720.79	64,027.19	253,693.60	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	123,576.03	25,031.23	98,544.80	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	154,644.51	33,087.71	121,556.80	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	207,640.14	41,528.03	166,112.11	170,477.73	4,365.62
	Administrative	121,180.91	-	121,180.91	38,521.15	-	38,521.15	121,180.91	
	Project Totals	3,252,508.47	1,950,120.47	1,304,388.20	2,935,615.62	1,890,810.08	1,044,805.54	1,217,518.92	25,446.42
	Percentage	100%	59.96%	40.10%	100%	64.41%	35.59%		

TABLE 4: ChargeOK ROUND 2 PROJECT STATUS

Project Description	Project Partner	STATUS UPDATE
Install 2 level 3 chargers in the City of Comanche OK	City of Comanche	Partially reimbursed. Almost complete
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	Reimbursed
Install 2 level 3 chargers in the City of Duncan OK	ASAP Energy	Reimbursed
Install 2 level 3 chargers in the City of Weatherford OK	ASAP Energy	Reimbursed
Install 2 level 3 chargers in the City of Okemah OK	Excel Food Mart	Reimbursed
Install 2 level 3 chargers in the City of Broken Bow OK	Green Energy Solutions	Project cancelled

D. On-Road Vehicle Program

Three D-4s were submitted for this program. 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 one Attachment A was submitted on December 15, 2021 and approved on December 16, 2021 for \$66,198.00. One medium truck project was completed for the D4 ID# OK-OnRd-2 and is waiting for reimbursement.

Award recipients and projects are 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 5: 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					
	Administrative	47,000.00	-	47,000.00	26,653.78	-	26,653.78	47,000.00	
	Project Totals	1,835,882.00	672,221.00	1,163,661.00	26,653.78	-	26,653.78	47,000.00	-
	Percentage	100%	36.62%	63.38%	100%	0.00%	100.00%		

TABLE 6: 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				66,198.00	
1 - Class 7 CNG trash collector (revised)	City of Moore	216,204.00	54,051.00	162,153.00					
	Administrative	48,330.00	-	48,330.00	14,772.22	-	14,772.22	45,670.00	
	Project Totals	352,799.00	76,118.00	276,681.00	14,772.22	-	14,772.22	111,868.00	
	Percentage	100%	21.58%	78.42%	100%	0.00%	100.00%		

TABLE 7: 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	SYSKO 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					
	Administrative	48,330.00	-	48,330.00	43,527.18	-	43,527.18	48,330.00	
	Project Totals	6,858,542.16	4,139,756.77	2,718,785.39	43,527.18	-	43,527.18	48,330.00	-
	Percentage	100%	60.36%	39.64%	100%	0.00%	100.00%		

III. FUNDING AND EMISSIONS OVERVIEW

A. D-4 Submittal Summary

During this project period, one initial D-4 was submitted for DERA FY21, ID# DS-02F00301-0. 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 8: 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
12	DERA FY21	DS-02F00301-0	October 20, 2021	December 21, 2021	\$344,463.00	1.65	\$50,726.00	14.73	0.24
TOTAL					\$12,812,370.93	61.24	\$688,062.26	n/a	3.29

*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. 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 9 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 allocations.

The BMP was amended on August 16, 2021. This update incorporated the most recent National Emissions Inventory data and resulted in a modified list of priority counties for mobile NOx. The amendment was posted online for a 30-day comment period on July 12th. The comment period closed on August 11th with no comments received.

TABLE 9: 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	\$1,449,916.29	\$642,332.22
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 10: 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	**	1,208.70	**
2	DERAFY18	DS-01F36801-0 (2)	DEQ	lifetime short tons	14.38	1.1	2.2	6.79	**	2,019.60	**
3	AFSB1	OK-AFSB-1	DEQ	lifetime short tons	28.49	1.94	3.67	10.96	**	3,825.00	**
4	Oklahoma EVSE Program FY19***	OK-EVSE	GREET	5 yr short tons	14.15	**	**	171.12	**	18,253.80	16.96
5	Oklahoma EVSE Program FY19***	OK-EVSE-2	GREET	5 yr short tons	9.44	**	**	122.24	**	13,299.30	2
6	DERAFY19	DS-01F65501-0	DEQ	lifetime short tons	9.489	0.41	0.994	2.728	**	2,073.90	**
7	AFSB2*	OK-AFSB-2	DEQ	lifetime short tons	24.75	1.51	3.07	9.73	**	4,590.00	**
8	DERAFY20*	DS-01F65501-1	DEQ	Lifetime short tons	8.852	0.691	1.509	3.897	**	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	**	**	1,279.00	**	**
12	Oklahoma DERA FY21*	DS-02F00301-0	DEQ	lifetime short tons	5.01	0.0187	0.155	**	**	76.5	**
TOTAL					183.62	9.25	12.90	331.51	1,415.00	51,479.50	18.96

* 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 period included:
April 2021 - September 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. The Volkswagen report for the July-December timeframe includes DERA quarterly reports for the April-September timeframe.

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

Grant Recipient	OK Dept. of Environmental Quality
Grant #	01F65501-1
Reporting Period	April - June 2021

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

WORKPLAN BUDGET	FY19	FY20
Total EPA Funds Awarded	\$480,188.00	\$507,011.00
Total Mandatory Cost-Share	\$2,112,324.00	\$2,353,185.00
Total Voluntary Matching Funds	\$320,110.00	\$338,007.00
Total Project Costs	\$2,912,622.00	\$3,198,203.00

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	\$5,736.76		\$3,824.49		\$22,143.16		\$14,761.85	
Fringe Benefits	\$3,180.05		\$2,119.77		\$41,327.05		\$8,549.84	
Travel								
Equipment								
Supplies								
Contractual								
Subawards								
Participant Support Costs (e.g., Rebates)								
Other					\$416,591.80		\$277,727.86	
Indirect Charges	\$2,295.09		\$1,529.92		\$9,192.09		\$6,127.85	
TOTALS	\$11,211.90	\$0.00	\$7,474.18	\$0.00	\$489,254.10	\$0.00	\$307,167.40	\$0.00

Table 2. Narrative Responses

Question	Answer
What actual accomplishments occurred during the reporting period?	<p>All of the projects for the FY19 grant have been completed and reimbursements received.</p> <p>During this time period DEQ obtained the final outstanding Purchase Orders and sent out the last of the Notices to Proceed so that all schools were able to work on their projects. For the FY20 grant, three schools have completed their projects and have requested their reimbursement. Eight of the remaining schools have made significant progress during this reporting period and expect to complete their projects on time during the next period. The last remaining school is facing a delay with receiving their buses and expects to file for an extension.</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>No schools were awarded during this period. See the "FY20 Awardees" tab for more information.</p>
<p>Provide a comparison of actual accomplishments with the anticipated outputs/outcomes and timelines/milestones specified in the project Work Plan.</p>	<p>DEQ expected to continue project implementation, procurement of new school buses, and monitoring/oversight of ongoing projects during this reporting period. DEQ is on track with all milestones outlined in the DERA workpan and anticipates timely completion of grant projects thanks to a year extension provided by EPA.</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>During this reporting period DEQ transitioned from a work from home status to a blended work from home and in office status, which came with its own set of challenges. Additionally, the primary project manager began extended leave near the end of the period and the interim project manager has taken over duties. Even with delays associated with these challenges we expect the projects to be finished by the deadline. The ability of DEQ to meet the established timelines is partially thanks to the 1-year extension provided by EPA: September 1, 2022.</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>One school has shown a slight delay and will file for an extension of 1-3 months because the program deadline for schools is September 1, 2021 but they will not received their bus until November 2021. 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 "FY20 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>https://www.deq.ok.gov/air-quality-division/air-grants-funding-programs/air-funding-program-recipients; AND https://www.vwenvironmentalmitigationtrust.com</p>
<p>What project activities are planned for the next reporting period?</p>	<p>During the next quarter DEQ plans to continue oversight of outstanding projects and manage reimbursement requests as most schools will complete their projects.</p>

Table 3. Subaward Reporting Requirements

Requirement	Response
Summaries of results of reviews of financial and programmatic reports	During this quarter, \$11,211.90 of federal funds have been used. The cumulated federal funds expended is \$489,254.10. 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 \$0.00. These funds would represent the subgrantees' portions of all vehicles and/or equipment purchased. This quarter, \$7,474.18 of Oklahoma VW funds have been used with a cumulative total of \$307,167.40. These funds went toward subawards only.
Summaries of findings from site visits and/or desk reviews to ensure effective subrecipient performance	No site visits were done during this quarter.
Environmental results the subrecipient achieved	<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. During this quarter three schools were reimbursed which resulted in a lifetime emissions reduction of 0.7 lifetime short tons² of NO_x, 0.034 lifetime short tons² of PM 2.5, 0.097 lifetime short tons² of HC, and 0.229 lifetime short tons² 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 19.05 lifetime short tons² of NO_x, 1.135 lifetime short tons² of PM2.5, 2.6 lifetime short tons² of HC, and 6.854 lifetime short tons² of CO.</p>
Summaries of audit findings and related pass-through entity management decisions	No audits or pass-through entity management decisions have been made.
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	N/A

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	\$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
TOTALS	\$701,189.25	\$615,585.91	\$2,166,005.34

Reimbursed this quarter

Project Partner	Estimated Award Amount	Actual Reimbursement	Cost Shares
Allen	\$26,742.25		
Cave Springs	\$19,882.25		
Central High	\$18,954.00	\$18,954.00	\$75,816.00
Claremore	\$21,955.25		
Enid	\$38,375.00		
Fairland	\$19,000.00		
Kingfisher	\$40,000.00		
Mannford	\$21,000.00		
Miami	\$41,104.00	\$41,104.00	\$164,416.00
Mustang	\$71,124.75		
Shady Grove	\$19,700.00		
Talihina	\$19,675.00	\$19,675.00	\$78,699.00
Taloga	\$21,230.00		
Yukon	\$84,893.00		
Zaneis	\$20,495.00		
TOTALS	\$484,130.50		

Reimbursed this quarter

2019

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:	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:	1HVBBAAAM9VH493612	1BAKFCKH69F256806		
	Vehicle Make:	INTL	BLUBRD		
	Vehicle Model:	380	BBCV		
Use pull-down menu	Vehicle Model Year:	1997	2009		
	Engine Serial Number:	N4V1STAR 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		

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			

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			

Grant Recipient	Edmond Public Schools
Reporting Period	April - June 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 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
This is On Highway	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
Leave this row blank	Vehicle Type:	On Highway	On Highway	On Highway	On Highway	On Highway	On Highway	On Highway	On Highway	On Highway	On Highway
	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:	4DRBUAAN88B633547	4DRBUAAN88B633546	4DRBUAAN88B633545	4DRBRAAN13B960804	4DRBRAAN2B947357	4DRBRAAN2B947350	4DRBUAAN88B633543	4DRBUAAN59B068143	4DRBUAAN28B633544	4DRBUAAN99B068145
	Vehicle Make:	International	International	International	International	International	International	International	International	International	International
	Vehicle Model:	CE300	CE300	CE300	IC35530	IC35530	IC35530	CE300	CE300	CE300	CE300
Use pull-down menu	Vehicle Model Year:	2008	2008	2008	2003	2002	2002	2008	2008	2008	2009
	Engine Serial Number:	466HM2U3002847	466HM2U3002503	466HM2U3002442	470HM2U1397568	470HM2U1349470	470HM2U1348623	466HM2U3002450	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
	Engine Model Year:	2007	2007	2007	2003	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
Use pull-down menu	Engine Number of Cylinders:	6	6	6	6	6	6	6	6	6	6
	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
Use pull-down menu	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	

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			

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		

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			

Grant Recipient	Mustang Public Schools
Reporting Period	April - June 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:	XNVXH044ANR	CKM54879	YNVXH0444ANB	
	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		

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):	Okalahoma			
	- 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			

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		

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:	1BAKGC6H68F250041			
	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:	2021			
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:				
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:				

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	Remaining Life:	6	6	6	
Year in which vehicle would normally be	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	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	Annual Idling Hours Reduced:				
Gallons per year; Number of gallons not	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:	Vehicle Replacement			
Use pull-down menu	Upgrade:	Vehicle Replacement - Gasoline			
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:	0			
Use pull-down menu	New Engine Model Year:	2021			
	New Engine Horsepower:	320			
Liters per cylinder	New Engine Cylinder Displacement:	Line haul			
	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			

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:	1HVBBAA2XH696046			
	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:	2021			
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:	\$87,821.00			
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:	2022			
	New Engine Horsepower:	260			
Liters per cylinder	New Engine Cylinder Displacement:	Line haul			
	New Engine Number of Cylinders:	6			
Use pull-down menu	New Engine Fuel Type:	USLD			
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:	1020 hours			
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	N/A			

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:	2021			
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:	153,500.00			
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:	2022			
	New Engine Horsepower:	300			
Liters per cylinder	New Engine Cylinder Displacement:	Line haul			
	New Engine Number of Cylinders:	6			
Use pull-down menu	New Engine Fuel Type:	USLD			
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:	400			
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	1000			

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:	2021			
Use pull-down menu	Upgrade Type:	Vehicle Replacement			
Use pull-down menu	Upgrade:	Vehicle Replacement - Gasoline			
Cost of vehicle or equipment only	Upgrade Cost Per Unit:	\$78,732.00			
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:	350HP			
Liters per cylinder	New Engine Cylinder Displacement:	7.3L			
	New Engine Number of Cylinders:	8			
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:	23			
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	42			

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:	2021	2021		
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:	\$79,529.00	\$79,529.00		
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	2021		
	New Engine Horsepower:	220	220		
Liters per cylinder	New Engine Cylinder Displacement:				
	New Engine Number of Cylinders:	6	6		
Use pull-down menu	New Engine Fuel Type:	USLD	USLD		
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:	NA At This Time	NA At This Time		
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	NA At This Time	NA At This Time		

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:	2021			
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:	\$81,928			
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:	2022			
	New Engine Horsepower:	220			
Liters per cylinder	New Engine Cylinder Displacement:	Line haul			
	New Engine Number of Cylinders:	6			
Use pull-down menu	New Engine Fuel Type:	USLD			
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:	50 estimated			
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	100 estimated			

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	1HVBBAAP2XH676721		
	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:	2021	2021		
Use pull-down menu	Upgrade Type:	Vehicle Replacement	Vehicle Replacement		
Use pull-down menu	Upgrade:				
Cost of vehicle or equipment only	Upgrade Cost Per Unit:	82,208.00	82,208.00		
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:	2017	2017		
	New Engine Horsepower:	220	220		
Liters per cylinder	New Engine Cylinder Displacement:	Line haul	Line haul		
	New Engine Number of Cylinders:	6.7	6.7		
Use pull-down menu	New Engine Fuel Type:	USLD	USLD		
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:	500	250		
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	500	250		

Grant Recipient	Mustang Public Schools
Reporting Period	April - June 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:	2021	2021	2021	
Use pull-down menu	Upgrade Type:	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	
Use pull-down menu	Upgrade:	Vehicle Replacement - Gasoline	Vehicle Replacement - Gasoline	Vehicle Replacement - Gasoline	
Cost of vehicle or equipment only	Upgrade Cost Per Unit:	\$98,626	\$98,626	\$98,626	
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 Emission Control
	New Engine Horsepower:	350	350	350	
Liters per cylinder	New Engine Cylinder Displacement:				7.3
	New Engine Number of Cylinders:	8	8	8	
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 vehicle/equipment	Annual Idling Hours Reduced:	TBD	TBD	TBD	Expected November Delivery
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	TBD	TBD	TBD	Expected November Delivery

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:	2021			
Use pull-down menu	Upgrade Type:	Vehicle Replacement			
Use pull-down menu	Upgrade:	School Bus			
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			

Instructions / Units	Fleet Information	Group 1	Group 2
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	

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			
Use pull-down menu	Engine Model:	3126			
	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:	2021			
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:	\$84,400			
Cost of labor to install equipment ("N/A" if vehicle replacement)	Upgrade Labor Cost Per Unit:				
Use pull-down menu	New Engine Model Year:	2022			
	New Engine Horsepower:	200-325			
Liters per cylinder	New Engine Cylinder Displacement:	Line haul			
	New Engine Number of Cylinders:	6			
Use pull-down menu	New Engine Fuel Type:	USLD			
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:	100			
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	1500			

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	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:	2021	2021	2021	2021
Use pull-down menu	Upgrade Type:	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement
Use pull-down menu	Upgrade:	School Bus	School Bus	School Bus	School Bus
Cost of vehicle or equipment only	Upgrade Cost Per Unit:				
Cost of labor to install equipment ("NA" 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			
Use pull-down menu	Engine Model:	C7			
	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:	2021			
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:	84877			
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:	2022			
	New Engine Horsepower:	220hp @ 2400rpm			
Liters per cylinder	New Engine Cylinder Displacement:	Line haul			
	New Engine Number of Cylinders:	6			
Use pull-down menu	New Engine Fuel Type:	USLD			
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:	0			
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	0			

CURRENT VEHICLE INFORMATION

NEW VEHICLE/UPGRADE INFORMATION

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**

Grant Recipient	OK Dept. of Environmental Quality
Grant #	01F65501-1
Reporting Period	July - September 2021

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

WORKPLAN BUDGET	FY19	FY20
Total EPA Funds Awarded	\$480,188.00	\$507,011.00
Total Mandatory Cost-Share	\$2,112,324.00	\$2,353,185.00
Total Voluntary Matching Funds	\$320,110.00	\$338,007.00
Total Project Costs	\$2,912,622.00	\$3,198,203.00

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	\$3,388.69		\$2,259.07		\$25,531.85		\$17,022.92	
Fringe Benefits	\$1,488.58		\$992.40		\$42,815.63		\$9,542.24	
Travel								
Equipment								
Supplies								
Contractual								
Subawards								
Participant Support Costs (e.g., Rebates)								
Other	\$125,109.80	\$718,031.75	\$83,406.50		\$541,701.60	\$3,518,606.75	\$361,134.36	
Indirect Charges	\$1,133.50		\$755.61		\$10,325.59		\$6,883.46	
TOTALS	\$131,120.57	\$718,031.75	\$87,413.58	\$0.00	\$620,374.67	\$3,518,606.75	\$394,582.98	\$0.00

Table 2. Narrative Responses

Question	Answer
What actual accomplishments occurred during the reporting period?	<p>All of the projects for the FY19 grant have been completed and reimbursements received.</p> <p>During this quarter eight schools have been reimbursed for their buses; Allen, Central High, Kingfisher, Mannford, Miami, Talihina, Taloga, and Zaneis. One school, Shady Grove, has filed for reimbursement and is awaiting funds. Six schools have filed for an extension; Cave Springs, Claremore, Enid, Fairland, Mustang, and Yukon.</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>No schools were awarded during this period. See the "FY20 Awardees" tab for more information.</p>
<p>Provide a comparison of actual accomplishments with the anticipated outputs/outcomes and timelines/milestones specified in the project Work Plan.</p>	<p>DEQ expected to continue project implementation, procurement of new school buses, and monitoring/oversight of ongoing projects during this reporting period. DEQ is on track with all milestones outlined in the DERA workpan and anticipates timely completion of grant projects thanks to a year extension provided by EPA.</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>At this time there is a nation-wide school bus shortage that has caused schools to have to get an extension on their deadlines. Even with delays associated with this challenge we expect the projects to be finished by the deadline. The ability of DEQ to meet the established timelines is partially thanks to the 1-year extension provided by EPA: September 1, 2022.</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>DEQ has granted extensions to six schools due to a national school bus shortage and delay on bus parts. The longest extension granted is March 1, 2022 for Cave Springs and Mustang. We will continue communications with schools to stay apprised of their project status and monitor for further complications.</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 "FY20 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>https://www.deq.ok.gov/air-quality-division/air-grants-funding-programs/air-funding-program-recipients; AND https://www.vwenvironmentalmitigationtrust.com</p>
<p>What project activities are planned for the next reporting period?</p>	<p>During the next quarter DEQ plans to continue oversight of outstanding projects and manage reimbursement requests as most schools will complete their projects.</p>

Table 3. Subaward Reporting Requirements

Requirement	Response
Summaries of results of reviews of financial and programmatic reports	During this quarter, \$131,120.57 of federal funds have been used. The cumulated federal funds expended is \$620,374.67. 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 \$718,031.75. These funds would represent the subgrantees' portions of all vehicles and/or equipment purchased. This quarter, \$87,413.58 of Oklahoma VW funds have been used with a cumulative total of \$3,518,606.75. These funds went toward subawards only.
Summaries of findings from site visits and/or desk reviews to ensure effective subrecipient performance	DEQ keeps in touch with awardees through emails and phone calls. We determine compliance through review of photographs of VIN numbers for old and new vehicles and photographs of destruction old vehicles. The DEQ also reviews the Certificate of Destruction once it is signed and dated. We review dated invoices and receipts from vendors to schools showing final purchase price of new vehicles. No site visits were done during this quarter.
Environmental results the subrecipient achieved	<p>Through the scrapping 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. During this quarter eight schools were reimbursed for their buses which resulted in a lifetime emissions reduction of 3.801 lifetime short tons² of NO_x, 0.287 lifetime short tons² of PM 2.5, 0.565 lifetime short tons² of HC, and 1.617 lifetime short tons² of CO, based on the Diesel Emissions Calculator.</p> <p>The cumulative FY19 and FY20 program emission benefits from October 1, 2019 to September 30, 2021 are 12.673 lifetime short tons² of NO_x, 0.63 lifetime short tons² of PM_{2.5}, 1.46 lifetime short tons² of HC, and 3.974 lifetime short tons² of CO.</p>
Summaries of audit findings and related pass-through entity management decisions	No audits or pass-through entity management decisions have been made.
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	N/A

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	\$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
TOTALS	\$701,189.25	\$615,585.91	\$2,166,005.34

Project Partner	Estimated Award Amount	Actual Reimbursement	Cost Shares
Allen	\$26,742.25	\$26,742.25	\$86,756.75
Cave Springs	\$19,882.25		
Central High	\$18,954.00	\$18,954.00	\$75,816.00
Claremore	\$21,955.25		
Enid	\$38,375.00		
Fairland	\$19,000.00		
Kingfisher	\$40,000.00	\$40,000.00	\$123,080.00
Mannford	\$21,000.00	\$20,482.00	\$61,446.00
Miami	\$41,104.00	\$41,104.00	\$164,416.00
Mustang	\$71,124.75		
Shady Grove	\$19,700.00		
Talihina	\$19,675.00	\$19,675.00	\$78,699.00
Taloga	\$21,230.00	\$21,100.00	\$63,400.00
Yukon	\$84,893.00		
Zaneis	\$20,495.00	\$20,459.00	\$64,418.00
TOTALS		\$208,516.25	\$718,031.75

Reimbursed this quarter
Filed for Reimbursement

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:	50			
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	200			

Grant Recipient	Edmond Public Schools
Reporting Period	July - September, 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 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 #51	School Bus #3	School Bus #62	School Bus #58	School Bus #76	School Bus #25
This is On Highway	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
Leave this row blank	Vehicle Type:	On Highway	On Highway	On Highway	On Highway	On Highway	On Highway	On Highway	On Highway	On Highway	On Highway
	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
Quantity is "1" (Enter one vehicle per column)	Quantity:	1	1	1	1	1	1	1	1	1	1
	Vehicle Identification Number:	4DRBUAAN88B633547	4DRBUAAN88B633546	4DRBUAAN88B633545	4DRBRAAN13B960804	4DRBRAAN2B947357	4DRBRAAN22B947350	4DRBUAAN88B633543	4DRBUAAN5B908143	4DRBUAAN28B633544	4DRBUAAN9B08145
	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:	466HMZU3002847	466HMZU3002503	466HMZU3002442	470HMZU1397568	470HMZU1348470	470HMZU1348823	466HMZU30002450	466HMZU3031471	466HMZU3002498	466HMZU3031465
	Engine Make:	International	International	International	International	International	International	International	International	International	International
	Engine Model:	D7466	D7466	D7466	D7466E	D7466E	D7466E	D7466	D7466	D7466	D7466
Use pull-down menu	Engine Model Year:	2007	2007	2007	2003	2002	2002	2007	2008	2007	2008
	Engine Horsepower:	210	210	195	195	195	210	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	16,650
Hours per engine	Annual Idling Hours:	80	60	52	45	50	35	65	62	62	77
Remaining at time of upgrade action	Remaining Life:	13	13	13	6	7	7	13	14	13	14
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
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
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
Summed 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

2019

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:	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:	1HVBBAAAM9VH493612	1BAKFCKH69F256806		
	Vehicle Make:	INTL	BLUBRD		
	Vehicle Model:	380	BBCV		
Use pull-down menu	Vehicle Model Year:	1997	2009		
	Engine Serial Number:	N4V1STAR 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		

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			

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	

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			

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		

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			

Grant Recipient	Mustang Public Schools
Reporting Period	July - September, 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	1HVBBABN1H397950	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	YNVXH0444ANB	
	Engine Make:	IHC - Navistay	CAT	IHC	
Use pull-down menu	Engine Model:	T-444e	3126	T-444E	
	Engine Model Year:	2000	2000	2003	
	Engine Horsepower:	330	207	210	
Liters per cylinder	Engine Cylinder Displacement:	7.3	7.3	7.3	
Use pull-down menu	Engine Number of Cylinders:	8	8	8	
	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		

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):	Okalahoma			
	- 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			

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:	2021			
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:	117,333			
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:	2022			
	New Engine Horsepower:	260 HP 660ft-lb torque diesel engine			
Liters per cylinder	New Engine Cylinder Displacement:	Line haul			
	New Engine Number of Cylinders:	8			
Use pull-down menu	New Engine Fuel Type:	USLD			
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:	50			
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	200			

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:	1BAKF0PH1FF306354	1BAKF0PH4HF325564	1BAKG0PH6F325577	
	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 replaced	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:	Vehicle Replacement			
Use pull-down menu	Upgrade:	Vehicle Replacement - Gasoline			
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:	0			
Use pull-down menu	New Engine Model Year:	2021			
	New Engine Horsepower:	320			
Liters per cylinder	New Engine Cylinder Displacement:	Line haul			
	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			

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:	1HVBBAAP2XH696046			
	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:	2021			
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:	\$87,821.00			
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:	2022			
	New Engine Horsepower:	260			
Liters per cylinder	New Engine Cylinder Displacement:	Line haul			
	New Engine Number of Cylinders:	6			
Use pull-down menu	New Engine Fuel Type:	USLD			
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:	1020 hours			
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	N/A			

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:	2021			
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:	153,500.00			
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:	2022			
	New Engine Horsepower:	300			
Liters per cylinder	New Engine Cylinder Displacement:	Line haul			
	New Engine Number of Cylinders:	6			
Use pull-down menu	New Engine Fuel Type:	USLD			
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:	400			
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	1000			

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			
Use pull-down menu	Engine Model:	C7			
	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:	2021			
Use pull-down menu	Upgrade Type:	Vehicle Replacement			
Use pull-down menu	Upgrade:	Vehicle Replacement - Gasoline			
Cost of vehicle or equipment only	Upgrade Cost Per Unit:	\$78,732.00			
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:	350HP			
Liters per cylinder	New Engine Cylinder Displacement:	7.3L			
	New Engine Number of Cylinders:	8			
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:	23			
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	42			

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:	2021	2021		
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:	\$79,529.00	\$79,529.00		
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:	2021	2021		
	New Engine Horsepower:	220	220		
Liters per cylinder	New Engine Cylinder Displacement:	Line Haul	Line Haul		
	New Engine Number of Cylinders:	6	6		
Use pull-down menu	New Engine Fuel Type:	USLD	USLD		
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:	NA At This Time	NA At This Time		
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	NA At This Time	NA At This Time		

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:	2021			
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:	\$81,928			
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:	2022			
	New Engine Horsepower:	220			
Liters per cylinder	New Engine Cylinder Displacement:	Line haul			
	New Engine Number of Cylinders:	6			
Use pull-down menu	New Engine Fuel Type:	USLD			
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:	50 estimated			
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	100 estimated			

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	1HVBBAAP2XH676721		
	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:	2021	2021		
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:	82,208.00	82,208.00		
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:	2017	2017		
	New Engine Horsepower:	220	220		
Liters per cylinder	New Engine Cylinder Displacement:	Line haul	Line haul		
	New Engine Number of Cylinders:	6.7	6.7		
Use pull-down menu	New Engine Fuel Type:	USLD	USLD		
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:	500	250		
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	500	250		

Grant Recipient	Mustang Public Schools
Reporting Period	July - September, 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:	2021	2021	2021	
Use pull-down menu	Upgrade Type:	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	
Use pull-down menu	Upgrade:	Vehicle Replacement - Gasoline	Vehicle Replacement - Gasoline	Vehicle Replacement - Gasoline	
Cost of vehicle or equipment only	Upgrade Cost Per Unit:	\$98,626	\$98,626	\$98,626	
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:	350	350	350	
Liters per cylinder	New Engine Cylinder Displacement:	Line haul	Line haul	Line haul	
	New Engine Number of Cylinders:	8	8	8	
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 vehicle/equipment	Annual Idling Hours Reduced:	TBD	TBD	TBD	Expected November Delivery
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	TBD	TBD	TBD	Expected November Delivery

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:	2021			
Use pull-down menu	Upgrade Type:	Vehicle Replacement			
Use pull-down menu	Upgrade:	School Bus			
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			

Instructions / Units	Fleet Information	Group 1	Group 2
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:	Vehicle Replacement	
Use pull-down menu	Upgrade:	Vehicle Replacement - Diesel	
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:	Line Haul	
	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:	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:	2021			
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:	\$84,400			
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:	2022			
	New Engine Horsepower:	200-325			
Liters per cylinder	New Engine Cylinder Displacement:	Line haul			
	New Engine Number of Cylinders:	6			
Use pull-down menu	New Engine Fuel Type:	USLD			
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:	100			
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	1500			

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	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 Leave this row blank	Vehicle Type:	On Highway	On Highway	On Highway	On Highway
	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:	2021	2021	2021	2021
Use pull-down menu	Upgrade Type:	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
Cost of vehicle or equipment only	Upgrade Cost Per Unit:	\$85,900	\$85,900	\$100,537	
Cost of labor to install equipment ("N/A" if vehicle replacement)	Upgrade Labor Cost Per Unit:	NA	NA	NA	NA
Use pull-down menu	New Engine Model Year:	2020	2020	2021	
	New Engine Horsepower:	350	350	320	
Liters per cylinder	New Engine Cylinder Displacement:	Switch	Switch	Switch	
	New Engine Number of Cylinders:	8	8	10	
Use pull-down menu	New Engine Fuel Type:	Gasoline	Gasoline	Gasoline	Gasoline
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:				

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			
Use pull-down menu	Engine Model:	C7			
	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:	2021			
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:	84877			
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:	2022			
	New Engine Horsepower:	220hp @ 2400rpm			
Liters per cylinder	New Engine Cylinder Displacement:	Line haul			
	New Engine Number of Cylinders:	6			
Use pull-down menu	New Engine Fuel Type:	USLD			
Hours per vehicle; Number of idling hours that will not occur due to new vehicle/equipment	Annual Idling Hours Reduced:	0			
Gallons per year; Number of gallons not consumed due to new vehicle/equipment	Annual Diesel Gallons Reduced:	0			

CURRENT VEHICLE INFORMATION

NEW VEHICLE/UPGRADE INFORMATION

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

APPENDIX B
DERA FY21 Grant Solicitation



**OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
FISCAL YEAR 2021 OKLAHOMA CLEAN DIESEL GRANT PROGRAM
GRANT SOLICITATION**

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**OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
FISCAL YEAR 2021 OKLAHOMA CLEAN DIESEL GRANT PROGRAM
GRANT SOLICITATION**

I. FUNDING OPPORTUNITY DESCRIPTION

A. Summary

The Oklahoma Department of Environmental Quality (DEQ) is soliciting proposals for projects that reduce emissions from and improve fuel efficiency of school buses. Only school buses are eligible for replacement. Potential projects include the replacement of diesel school buses throughout Oklahoma with new diesel, gasoline, all-electric, propane (LPG), or natural gas (LNG or CNG) school buses. The grant funds will be for the purchase of school buses certified by the Environmental Protection Agency (EPA). While projects from the entire state will be accepted, special consideration will be given to projects in counties that are in potential non-attainment for one or more of the National Ambient Air Quality Standards (NAAQS), counties with toxic air pollutant concerns as identified from the National Air Toxics Assessment (NATA) data, and counties containing Federal Class I areas. Priority will be given to projects that will result in the greatest decrease in emissions. See section II.D.7 of this document for more information on selection criteria.

B. Funding

The total funding for this competitive opportunity is \$734,342. DEQ will award the assistance agreements for projects resulting from this announcement. The anticipated number of awards is variable due to the number and type of applications received as well as available funding, but based on past experience, DEQ anticipates replacing approximately 25 buses. Funding will be in the form of cooperative agreements; each successful subgrant recipient must enter into a grant agreement in the form of a Memorandum of Agreement (MOA) with DEQ. Funding will be paid out as reimbursements after the applicant has initially expended funds from another funding source.

C. Funding Closing Date

Applications will be accepted until close of business (4:30 p.m. CST) on **December 10, 2021**. Additionally, applications submitted by 4:30 p.m. CST on **November 26, 2021** will be screened for completeness; more information on application screening is listed in Section II.D. All projects (except for all-electric vehicle replacement projects) must be completed and all monies must be spent by September 1, 2022. All-electric vehicle projects must be completed and all monies must be spent by September 1, 2023. If funds are not fully awarded after the closing date and initial selection process, DEQ may elect to extend the application deadline.

II. ELIGIBILITY INFORMATION

A. Eligible Entities

The Fiscal Year 2021 Oklahoma Clean Diesel grant program will be open to all school districts that transport students in grades pre-Kindergarten through 12.

B. Eligible Projects

Applications containing projects that will achieve emissions reductions through school bus replacements will be considered. Potential projects are described below.

Vehicle Replacements

Types A-D diesel school buses are eligible to be replaced with newer, cleaner school buses that operate on diesel, gasoline, all-electric, LPG, or CNG and meet a more stringent set of engine emission standards certified by EPA. The following restrictions apply:

- i. Eligible Buses to be replaced must meet all the following:
 - a. must be identified with the words “School Bus” and be painted National School Bus Glossy Yellow.
 - b. must be diesel fueled.
 - c. must be fully operational.
 - d. must be owned and operated by participating fleet owner for the two years prior to upgrade.
 - e. must have at least three years of remaining life at the time of upgrade.
 - i. Remaining life is the fleet owner’s estimate of the number of years until the unit would have been retired from service.
 - f. must have accumulated at least 7,000 miles/year during the two years prior to upgrade, or during calendar year 2019.
 - g. must have an engine model year (EMY) 2009 or older, if being replaced with a bus that has an engine certified to meet EPA emissions standards.
 - h. must have an EMY 2016 or older, if being replaced with a zero emission vehicle or with a bus that has an engine certified to meet CARB low-NOx emission standards.
 - i. must be School Bus Type A, B, C, or D.
- ii. Eligible Replacement Projects must include all of the following:
 - a. a new school bus or buses operating on one of the following fuel types: diesel, gasoline, all-electric, LPG, or LNG/CNG.
 - b. a new replacement school bus or buses with EMY 2019 or newer.
 - c. bus or buses with a Type A, B, C, or D that is the same Type as the Eligible Bus to be replaced.
 - d. The new replacement vehicle must not be of a larger class of Gross Vehicle Weight Rating (GVWR) than the existing vehicle.
 - i. Class 5: 16,001 – 19,500 lbs GVWR
 - ii. Class 6: 19,501 – 26,000 lbs GVWR
 - iii. Class 7: 26,001 – 33,000 lbs GVWR

- iv. Class 8: 33,001 lbs GVWR and over
- e. the new bus or buses must meet EPA's heavy-duty highway engine emission standards, CARB's Low-NOx emission standards, or be a zero emissions vehicle. More information on emissions standards are below.

EPA's annual certification data for vehicles, engines, and equipment may be found at: www.epa.gov/compliance-and-fueleconomy-data/annual-certification-data-vehicles-engines-and-equipment. EPA's engine emission standards may be found at: www.epa.gov/emission-standards-reference-guide/allepa-emission-standards. Engines certified by CARB may be found by searching CARB's Executive Orders for Heavy-duty Engines and Vehicles, found at: www.arb.ca.gov/msprog/onroad/cert/cert.php. Please see the Low-NOx Engine fact sheet found at <https://www.epa.gov/sites/production/files/2021-01/documents/420f21002.pdf> for guidance on identifying engines certified to meet CARB's Optional Low NOx Standards. All-electric vehicles qualify as zero emission vehicles and do not need to be CARB or EPA certified.

The replacement vehicle must perform the same function and be of the same type and similar gross vehicle weight rating (GVWR) or horsepower as the vehicle that is being replaced; vehicle right-sizing is not permitted under this grant. The new replacement vehicle should resemble the replaced vehicle in form and function. The cost of optional components or "add-ons" that significantly increase the cost of the vehicle may not be eligible for funding under the grant.

All eligible replacement projects must be early attrition projects. Early attrition refers to a project where a vehicle is replaced before that vehicle is scheduled to be replaced. For the purposes of this grant, any vehicle that is due to be replaced, scheduled to be replaced, or has a life expiration date before September 30, 2024 is considered to be normal attrition and therefore not eligible for FY 2021 Oklahoma Clean Diesel Grant Program.

The vehicle being replaced must be scrapped within 90 days, and proof of scrappage must be provided to DEQ prior to reimbursement. "Scrapped" is defined as having a greater than three-inch hole drilled through the engine block and cutting both frame rails.

C. Special Requirements for Eligibility

1. Successful subgrant recipients shall already have or shall implement a fleet-wide idle reduction policy. Unnecessary vehicle idling pollutes the air, wastes fuel, and causes excess engine wear. Reducing idling saves money for fleets. Idling should be limited to the engine manufacturer's recommendation (generally no more than five minutes). Subgrant recipients should specify the policy to be implemented, including (but not limited to) idling time limits, idling exceptions, expected fuel savings, etc. For subgrant recipients with an idle reduction policy already in place, please thoroughly describe the specifics of the policy in the application or include a copy of the policy. Failure to either have or to instate an idle reduction policy is cause for disqualification; an idle reduction policy is required for all applicants.
2. Subgrant recipients will be required to provide matching funds according to the guideline listed below. For all projects, subgrant recipients who offer higher matching funds on their application

will be more likely to receive awards than other subgrant recipients offering lower matching funds.

a. Reimbursement amounts:

- i. Oklahoma may fund up to 25% of the cost of a new 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>. (**Application Tip:** *Currently, all diesel school buses fall in the category for 25% reimbursement.*)
- ii. Oklahoma may fund up to 35% of the cost of a new replacement vehicle powered by a 2019 model year or newer engine certified to meet CARB's Optional Low-NOx Standards. For help identifying Low-NOx certified engines see <https://www.epa.gov/sites/production/files/2021-01/documents/420f21002.pdf>. A list of certified vehicles is available at: <https://www.arb.ca.gov/msprog/onroad/cert/cert.php>.
- iii. Oklahoma may fund up to 45% of the cost of a new 2019 model year or newer zero-emission (all-electric) replacement vehicle. Eligible cost can include the purchase and installation of one charging unit per vehicle, including the unit and charging cable, mount and/or pedestal.

3. Successful subgrant recipients must use a competitive process for obtaining contracts for products and services and conduct cost and price analyses to the extent required in Title 2 Code of Federal Regulations (C.F.R.) Part 200, as applicable, as well as any regulations covered by state, local, or internal procurement requirements. All contracts and the purchase of equipment must be conducted in a manner providing free and open competition, to the maximum extent practicable. As such, subgrant recipients should refrain from mentioning specific technology producers in their applications unless they are sole source providers. Subgrant recipients are not required to identify contractors or consultants in the application. If subgrant recipients have named a specific contractor or consultant in the application DEQ approves, it does not relieve the subgrant recipient of obligations to comply with competitive procurement requirements, as well as any federal, state, local, or internal procurement laws, regulations, or requirements. Subgrant recipients should describe their competitive bid process in the application. Two quotes are required in the application as either an attachment or described in detail. If the quote is for an all-electric vehicle and if the project cost or intended matching costs includes the cost of charging infrastructure, such charging infrastructure costs must be itemized on the quote.

Subgrant recipients have the option to purchase a vehicle as negotiated by OMES Division of Capital Assets Management/Central Purchasing, which can be found on their website ([https://www.ok.gov/DCS/Central_Purchasing/CP_Processes, Rules & Statutes/index.html](https://www.ok.gov/DCS/Central_Purchasing/CP_Processes,_Rules_&_Statutes/index.html)). If a subgrant recipient wishes to purchase from the list of state-approved vehicles or equipment, it is not required to engage in the competitive bidding process and does not need to provide vehicle quotes in the application.

4. Each replacement and/or modified vehicle must operate primarily in the state of Oklahoma for five years following project completion.

5. Subgrant recipients will be required to keep the replacement and/or modified vehicle in good working order for a minimum of five years. The recipient's fleet may be audited by DEQ for a period of up to five years to ensure equipment remains in service for the specified time.
6. Quarterly reporting will be required for one year from the project start date.
7. Upon awarding the grants, the subgrant recipient must enter into an MOA with DEQ committing to the terms of the award. This agreement will establish project timelines, establish the reimbursement process, establish reporting requirements (minimum of quarterly reports), ensure the subgrant recipient will adhere to the competitive bid/procurement process, and other applicable information. Failure to comply with the terms of the award outlined in the MOA may jeopardize subgrant recipient's reimbursement.
8. All subgrant recipients must have registered/renewed with the System for Award Management (SAM) (<https://www.sam.gov/SAM/>) and have a registered Data Universal Numbering System (DUNS) number (<http://fedgov.dnb.com/webform>).
9. Outstanding projects or late completion of projects previously awarded under the Oklahoma Clean Diesel Program may affect eligibility for this funding opportunity.

D. Evaluation Criteria

Program eligibility, as indicated in this announcement, must be demonstrated within the application. Additionally, a successful application must meet all of the requirements in items 1-6 below. Each application will be ranked according to the evaluation criteria in item 7 below.

1. Applications must support Goal 1 of EPA's 2018-2022 Strategic Plan, Addressing Climate Change and Improving Air Quality. Because this funding originated from EPA, projects funded with this grant money must support 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." Specifically, the grant projects funded under this program must reduce emissions from diesel fleets, thereby reducing local and regional air pollution.

The FY 2018-2022 EPA Strategic Plan may be found at:

<https://www.epa.gov/sites/production/files/2018-02/documents/fy-2018-2022-epa-strategic-plan.pdf>

2. Screening Deadline: Applications submitted by 4:30pm CST on November 26, 2021 will be screened for completeness by DEQ. A completeness screening includes, and is limited to, a confirmation by DEQ that any necessary attachments (listed at the end of the application) are included, all application questions are fully answered, and that the applicant has met the match and eligibility requirements. If an application turned in by the screening deadline is found to be incomplete, DEQ will contact the applicant by email and provide a list of findings. The applicants

will then have until December 10, 2021 to submit an amended application. **A finding of completeness through screening by DEQ does not guarantee funding or eligibility.**

3. Applications must be received by DEQ on or before December 10, 2021. DEQ may choose to extend the program application deadline if deemed necessary. If a deadline extension is granted, applications must be received on or before the new extended deadline.
4. Applications must be complete and with sufficient details.
5. Projects must operate primarily within the State of Oklahoma.
6. Applications must describe the applicant's capability to complete the project in a timely manner.
7. Final selection will be based primarily upon project type and which projects will achieve the greatest emissions reductions for the greatest population at the least cost in award monies. The following selection criteria apply, which are listed in general order of highest priority to lowest priority.
 - i. DEQ encourages the use of leveraged funds to enhance and expand proposed projects. Proposals with higher percentages of match funds will receive higher rankings during the evaluation process.
 - ii. Projects affecting counties that are potential non-attainment, are identified by NATA data, and/or contain Federal Class I areas will have priority over projects affecting other counties. These counties include Bryan, Canadian, Carter, Cleveland, Comanche, Creek, Grady, Lincoln, Logan, McClain, Oklahoma, Okmulgee, Osage, Pawnee, Rogers, Tulsa, and Wagoner.
 - a. Tulsa and Oklahoma counties are given additional priority as they are both NATA and potential non-attainment counties.
 - iii. Projects achieving greater emissions reductions will receive priority over projects with lesser emissions reductions. Emission reductions will be calculated by DEQ utilizing data compiled from the submitted application. The program used for calculation emissions is the Diesel Emissions Quantifier:
<https://cfpub.epa.gov/quantifier/index.cfm?action=main.home>
 - iv. Applications from public schools will receive priority over applications from private schools.
 - v. Projects affecting vehicles that will have longer working life expectancies will have priority over vehicles with shorter life expectancies.
 - vi. Projects with older fleets will receive priority over projects with newer fleets.
 - vii. Larger projects (i.e. projects with a larger number of vehicles) will receive priority over smaller projects.
 - viii. Projects with a greater number of affected households will receive priority over projects with fewer affected households.

- ix. Applications providing thorough explanations and relevant details of the project may be scored higher.
- x. Projects affecting areas that have proportionately higher than average traffic from diesel engines, such as (but not limited to) the I-40 and I-35 corridors, will have priority over other areas.

III. AWARD INFORMATION

A. Amount of Funding Available

DEQ has \$734,342 available under this announcement for grants.

B. Funding Type

Funding will be in the form of reimbursement upon receipt of invoice(s) from the subgrant recipient. The subgrant recipient is responsible for expending its own monies first and then is reimbursed for the award amount specified in the signed agreement with DEQ. Subgrant recipients must have a prior executed MOA with DEQ to receive reimbursements.

All subgrant recipients must have registered/renewed with the System for Award Management (SAM) (<https://www.sam.gov/SAM/>) and have a registered Data Universal Numbering System (DUNS) number (<http://fedgov.dnb.com/webform>).

C. Start Date/Project Duration/Timeline

All projects should be started as soon as possible after the MOA has been executed and subgrantee has received a Notice to Proceed. Vehicles should be replaced and/or equipment should be installed within 120 days of signing the final MOA with DEQ; extensions of this 120-day requirement must be based on a demonstrated need and approved in writing by DEQ. All projects must be completed and all invoices submitted by September 1, 2022. Vehicles and/or equipment must be maintained for five years. The recipient's fleet may be audited by DEQ for a period of up to five years to ensure equipment remains in service for the specified time. Quarterly reporting will be required for one year from the project start date.

D. Partial Funding

Partial funding may be offered to subgrant recipients as deemed applicable and necessary when making the awards.

IV. PROJECT PERIOD

Upon selection of successful applicants, DEQ will announce funding recipients. These recipients will receive an award packet with documents necessary for the project such as the Memorandum of Agreement (MOA). The recipient will first need to read, initial, and sign the MOA, which must be returned to DEQ for final execution. Once DEQ finalizes the MOA, the recipient will receive a copy of the final MOA, a Purchase Order, and an official Notice to Proceed that signals the beginning of the project. Please note that until recipients receive this Notice to Proceed, they are not permitted to begin work on their approved project and any funds spent prior to official notification will not be reimbursed.

All projects should begin as soon as possible after receipt of the Notice to Proceed. Vehicles should be replaced and all required paperwork submitted by close of business, 4:30 pm CST, September 1, 2022, unless the new vehicle is an all-electric bus. The deadline for all-electric vehicle replacements is September 1, 2023. Deadline extensions will only be granted based on a demonstrated need and must be approved in writing by DEQ prior to the project deadline. All-

electric vehicle replacements may not be eligible for extension. Requests for deadline extension to other projects must be submitted to DEQ by close of business, 4:30 pm CST, August 1, 2022.

V. APPLICATION AND SUBMISSION INFORMATION

A. How to Apply

Applications can be found at the following website address:

PDF format <https://www.deq.ok.gov/air-quality-division/clean-diesel-dera/>

Applications must be received by DEQ on or before December 10, 2021 by 4:30 p.m. CST. Subgrant recipients may submit their applications by email or hardcopy submission to one of the following addresses:

Oklahoma Department of Environmental Quality
AQD - Clean Diesel Grant Program
707 N. Robinson
P.O. Box 1677
Oklahoma City, OK 73101-1677
cleandiesel@deq.ok.gov

Submitting an application package does not guarantee that funding will be awarded.

The subgrant recipient must have been awarded the funding via an executed MOA with DEQ in order to receive reimbursement. The subgrant recipient is responsible for expending its own monies first and then is reimbursed for the award amount specified in the signed agreement with DEQ. Without a fully executed MOA in place and receipt of Notice to Proceed, the subgrant recipient assumes all costs for the purchases and installation.

Subgrant recipient must execute the MOA with DEQ and receive a written work commencement notification before any work on the project is started. Any funds spent by the subgrant recipient before official notification will not be reimbursed.

For further questions, please visit the DEQ Clean Diesel webpage, <https://www.deq.ok.gov/air-quality-division/clean-diesel-dera/>, or contact Cecelia Kleman by email or phone at Cecelia.kleman@deq.ok.gov, (405)702-4166.