



# ARKANSAS ENERGY & ENVIRONMENT

January 30, 2020

Russell Crane  
Assistant Vice President  
Wilmington Trust, N.A., as Trustee

Submitted via Intralinks

Dear Mr. Crane:

The Arkansas Department of Energy and Environment, Division of Environmental Quality (DEQ), hereby submits its first semi-annual report in accordance with the requirements of Paragraph 5.3 of the Environmental Mitigation Trust Agreement for State Beneficiaries.

On August 10, 2019, funds were disbursed to DEQ for projects funded through the DERA option. To date, funds have not been disbursed through any other eligible mitigation action included in Arkansas's Beneficiary Mitigation Plan, as amended. Therefore, DERA Quarterly Programmatic Reports satisfy beneficiary reporting obligations for this submission.

Please find enclosed the DERA Quarterly Programmatic Reports for the following reporting periods:

- October 1, 2018 -December 31, 2018
- Jan 1, 2019 -March 31, 2019
- April 1, 2019 -June 30, 2019
- July 1, 2019 -Sept. 30, 2019

I attest that I have the authority to submit this report on behalf of DEQ, that the information contained in the report is true and correct, and that this submission is made under penalty of perjury.

Sincerely,

A handwritten signature in blue ink, appearing to read 'M. Simpson', written over a large, stylized blue scribble.

Mitchell Simpson  
Senior Associate Director, Division of Environmental Quality  
Arkansas Department of Energy and Environment  
5301 Northshore Drive, North Little Rock, AR 72118

Enclosures

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

<b>Grant Recipient</b>	Arkansas
<b>Grant #</b>	01F36601
<b>Reporting Period</b>	October 1, 2018 -December 31, 2018

**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	FY18
<b>Total EPA Funds Awarded</b>	\$412,599.00
<b>Total Mandatory Cost-Share</b>	\$0.00
<b>Total Voluntary Matching Funds</b>	\$275,066.00
<b>Total Project Costs</b>	\$687,665.00

**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	
			Mitigation Funds	Other Funds			Mitigation Funds	Other Funds
			Personnel	\$1,068.79			\$0.00	\$712.52
Fringe Benefits	\$375.36	\$0.00	\$250.24	\$0.00	\$375.36	\$0.00	\$250.24	\$0.00
Travel	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Supplies	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Contractual	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sub awards		\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00
Participant Support Costs (e.g., Rebates)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Indirect Charges	\$421.00	\$0.00	\$280.66	\$0.00	\$1,683.89	\$0.00	\$280.66	\$0.00
<b>TOTALS</b>	<b>\$1,865.15</b>	<b>\$0.00</b>	<b>\$1,243.42</b>	<b>\$0.00</b>	<b>\$3,128.04</b>	<b>\$0.00</b>	<b>\$1,243.42</b>	<b>\$0.00</b>

**Table 2. Narrative Responses**

Question	Answer
What actual accomplishments occurred during the reporting period?	Reporting period opened October 1st. Press release was issued to notify applicants of submission acceptance opened on Dec 1 2018. ADEQ received 7 submissions by deadline date of December 31, 2018.
Did you award any rebates or sub awards during the reporting period? If so, list the recipients and how much funding they received.	no reimbursment were issued for this reporting cycle
Provide a comparison of actual accomplishments with the anticipated outputs/outcomes and timelines/milestones specified in the project Work Plan.	ADEQ received 7 proposal submissions by deadline December 31, 2018
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?	ADEQ did not encounter any problems this reporting cycle
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.	ADEQ did not encounter any problems this reporting cycle
If any cost-shares are reported for this Reporting Period in Table 1 above, identify the source of the funds.	ADEQ incurred \$1,243.42 expenses for administravie costs that are coming from the VW Mitigation funds
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.	No program income was generated for this reporting period.

Did any public relations events regarding this grant take place during the reporting period?	ADEQ published a press release announcing the opening of our Go RED program on Dec 1rd 2018
What is the URL for the state website listing the total number and dollar amount of sub awards, 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.	information and the a link to the applicant guide have been posted on ADEQ's website. <a href="https://www.adeg.state.ar.us/air/planning/gored/">https://www.adeg.state.ar.us/air/planning/gored/</a>
What project activities are planned for the next reporting period?	ADEQ will evaluate proposals received, prepare MOAs and work with applicants to answer questions and clarify program requirements.

**Table 3. Sub award Reporting Requirements**

Requirement	Response
Summaries of results of reviews of financial and programmatic reports	
Summaries of findings from site visits and/or desk reviews to ensure effective sub recipient performance	
Environmental results the sub recipient achieved	
Summaries of audit findings and related pass-through entity management decisions	
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 Part 200.338 Remedies for Noncompliance	

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

<b>Grant Recipient</b>	Arkansas
<b>Grant #</b>	01F36601
<b>Reporting Period</b>	Jan 1, 2019 -March 31, 2019

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

<b>WORKPLAN BUDGET</b>	<b>FY17</b>
<b>Total EPA Funds Awarded</b>	\$412,599.00
<b>Total Mandatory Cost-Share</b>	\$0.00
<b>Total Voluntary Matching Funds</b>	\$275,066.00
<b>Total Project Costs</b>	\$687,665.00

**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	
			Mitigation Funds	Other Funds			Mitigation Funds	Other Funds
Personnel	\$1,631.14	\$0.00	\$1,087.42	\$0.00	\$2,699.92	\$0.00	\$1,799.95	\$0.00
Fringe Benefits	\$572.84	\$0.00	\$381.89	\$0.00	\$948.20	\$0.00	\$632.13	\$0.00
Travel	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Supplies	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Contractual	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sub awards		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant Support Costs (e.g., Rebates)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Indirect Charges	\$642.50	\$0.00	\$428.34	\$0.00	\$1,063.50	\$0.00	\$709.00	\$0.00
<b>TOTALS</b>	<b>\$2,846.48</b>	<b>\$0.00</b>	<b>\$1,897.65</b>	<b>\$0.00</b>	<b>\$4,711.62</b>	<b>\$0.00</b>	<b>\$3,141.08</b>	<b>\$0.00</b>

**Table 2. Narrative Responses**

<b>Question</b>	<b>Answer</b>
What actual accomplishments occurred during the reporting period?	ADEQ received 2 submissions by deadline date of January 31, 2019.
Did you award any rebates or sub awards during the reporting period? If so, list the recipients and how much funding they received.	no reimbursement were issued for this reporting cycle
Provide a comparison of actual accomplishments with the anticipated outputs/outcomes and timelines/milestones specified in the project Work Plan.	ADEQ received 2 proposal submissions by deadline January 31, 2019
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?	ADEQ did not encounter any problems this reporting cycle
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.	ADEQ did not encounter any problems this reporting cycle
If any cost-shares are reported for this Reporting Period in Table 1 above, identify the source of the funds.	ADEQ incurred \$1,897.65 expenses for administrative costs that are coming from the VW Mitigation funds
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.	No program income was generated for this reporting period.

<p>Did any public relations events regarding this grant take place during the reporting period?</p>	<p>ADEQ published a press release announcing the opening of our Go RED program on Dec 1rd 2018</p>
<p>What is the URL for the state website listing the total number and dollar amount of sub awards, 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>information and the a link to the applicant guide have been posted on ADEQ's website. <a href="https://www.adeg.state.ar.us/air/planning/gored/">https://www.adeg.state.ar.us/air/planning/gored/</a></p>
<p>What project activities are planned for the next reporting period?</p>	<p>ADEQ will evaluate proposals received, prepare MOAs and work with applicants to answer questions and clarify program requirements.</p>

**Table 3. Sub award Reporting Requirements**

Requirement	Response
Summaries of results of reviews of financial and programmatic reports	
Summaries of findings from site visits and/or desk reviews to ensure effective sub recipient performance	
Environmental results the sub recipient achieved	
Summaries of audit findings and related pass-through entity management decisions	
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 Part 200.338 Remedies for Noncompliance	

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

<b>Grant Recipient</b>	Arkansas
<b>Grant #</b>	01F36601
<b>Reporting Period</b>	April 1, 2019 -June 30, 2019

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

<b>WORKPLAN BUDGET</b>	<b>FY18</b>
<b>Total EPA Funds Awarded</b>	\$412,599.00
<b>Total Mandatory Cost-Share</b>	\$275,066.00
<b>Total Voluntary Matching Funds</b>	
<b>Total Project Costs</b>	\$687,665.00

**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	
			Mitigation Funds	Other Funds			Mitigation Funds	Other Funds
Personnel	\$1,197.05	\$0.00	\$798.03	\$0.00	\$3,896.97	\$0.00	\$2,597.98	\$0.00
Fringe Benefits	\$420.41	\$0.00	\$280.27	\$0.00	\$1,368.61	\$0.00	\$912.40	\$0.00
Travel	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Supplies	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Contractual	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sub awards		\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00
Participant Support Costs (e.g., Rebates)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Indirect Charges	\$471.52	\$0.00	\$314.35	\$0.00	\$1,535.02	\$0.00	\$1,023.35	\$0.00
<b>TOTALS</b>	\$2,088.98	\$0.00	\$1,392.65	\$0.00	\$6,800.60	\$0.00	\$4,533.73	\$0.00

**Table 2. Narrative Responses**

<b>Question</b>	<b>Answer</b>
What actual accomplishments occurred during the reporting period?	Reporting period of April 1st through June 30 ADEQ received 2 submissions by deadline date of April 30, 2019, for a total of 11 applicants for the 2018 DERA grant year. All MOA were sent out to applicants for review, approval and start of applicant projects.
Did you award any rebates or sub awards during the reporting period? If so, list the recipients and how much funding they received.	no reimbursement were issued for this reporting cycle
Provide a comparison of actual accomplishments with the anticipated outputs/outcomes and timelines/milestones specified in the project Work Plan.	ADEQ received 2 more proposal submissions by deadline April 30, 2019. 11 MOA were sent to applicants. 10 MOA were signed and returned. Heber Springs submitted their reimbursement package in May
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?	Applicant Prescott School District withdrew proposal upon receiving MOA stating concerns with the ability to complete project due to time constraints. Applicant UCA proposal was in eligible due to proposed buses not meeting eligible weight class. Heber Springs submitted their reimbursement package in May. Reimbursement had to be put on hold due to fiscal year close out for our agency
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.	ADEQ pulled Prescott's proposal from the que. ADEQ suggested to the applicant to reapply in the next years funding opportunity Heber Springs reimbursement had to be put on hold due to fiscal year close out for our agency. Reimbursement was set to be processed July 8th 2019
If any cost-shares are reported for this Reporting Period in Table 1 above, identify the source of the funds.	ADEQ incurred \$1392.65 expenses for administrative costs that are coming from the VW Mitigation funds
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.	No program income was generated for this reporting period.



<p>Did any public relations events regarding this grant take place during the reporting period?</p>	<p>ADEQ published a press release reminder of the available funding of our Go RED program on April 1st 2019</p>
<p>What is the URL for the state website listing the total number and dollar amount of sub awards, 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>information and the a link to the applicant guide have been posted on ADEQ's website. <a href="https://www.adcq.state.ar.us/air/planning/gored/">https://www.adcq.state.ar.us/air/planning/gored/</a></p>
<p>What project activities are planned for the next reporting period?</p>	<p>ADEQ will evaluate reimbursement submissions received, prepare requests for reimbursement and work with applicants to answer questions and clarify program requirements.</p>

**Table 3. Sub award Reporting Requirements**

Requirement	Response
Summaries of results of reviews of financial and programmatic reports	
Summaries of findings from site visits and/or desk reviews to ensure effective sub recipient performance	
Environmental results the sub recipient achieved	
Summaries of audit findings and related pass-through entity management decisions	
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 Part 200.338 Remedies for Noncompliance	

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

<b>Grant Recipient</b>	Arkansas
<b>Grant #</b>	01F36601
<b>Reporting Period</b>	July 1, 2019 -Sept. 30, 2019

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

<b>WORKPLAN BUDGET</b>	<b>FY18</b>
<b>Total EPA Funds Awarded</b>	\$412,599.00
<b>Total Mandatory Cost-Share</b>	
<b>Total Voluntary Matching Funds</b>	\$275,066.00
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	Federal Funds Expended this Reporting Period	Mandatory Cost-Share Expended this Reporting Period	Voluntary Match Expended this Reporting Period		Cumulative Federal Funds Expended	Cumulative Mandatory Cost-Share Expended	Cumulative Voluntary Match Expended	
			Mitigation Funds	Other Funds			Mitigation Funds	Other Funds
Personnel	\$2,302.02	\$0.00	\$1,534.68	\$0.00	\$7,930.94	\$0.00	\$4,132.66	\$0.00
Fringe Benefits	\$808.46	\$0.00	\$538.98	\$0.00	\$2,801.28	\$0.00	\$1,451.38	\$0.00
Travel	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Supplies	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Contractual	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sub awards		\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00
Participant Support Costs (e.g., Rebates)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other	\$171,949.96	\$0.00	\$114,633.31	\$0.00	\$285,627.73	\$0.00	\$114,633.31	\$0.00
Indirect Charges	\$1,033.83	\$0.00	\$689.22	\$0.00	\$3,326.59	\$0.00	\$1,712.57	\$0.00
<b>TOTALS</b>	<b>\$176,094.27</b>	<b>\$0.00</b>	<b>\$117,396.19</b>	<b>\$0.00</b>	<b>\$299,686.54</b>	<b>\$0.00</b>	<b>\$121,929.92</b>	<b>\$0.00</b>

**Table 2. Narrative Responses**

<b>Question</b>	<b>Answer</b>
What actual accomplishments occurred during the reporting period?	Reporting period of July 1st through Sept 30 ADEQ received 9 reimbursement requests by deadline date of Sept 5, 2019, .
Did you award any rebates or sub awards during the reporting period? If so, list the recipients and how much funding they received.	9 reimbursement checks were sent for the 9 projects that submitted reimbursement requests.
Provide a comparison of actual accomplishments with the anticipated outputs/outcomes and timelines/milestones specified in the project Work Plan.	ADEQ received 9 reimbursement requests complete and on time.
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?	Bentonville school District was unable to complete their project on time and requested an extension till February. Deer/Mt Judea School district signed the MOA but failed to submit any communication regarding their project.
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.	ADEQ requested for an extension of the 2018 Grant to accommodate Bentonville's project delay. ADEQ reached out to Deer/Mt Judea's project manager to check on status but reply was not made in adequate time to complete project on time. Their project proposal was removed from reimbursement consideration.
If any cost-shares are reported for this Reporting Period in Table 1 above, identify the source of the funds.	ADEQ incurred \$2073.66 expenses for administrative costs that are coming from the VW Mitigation funds. And an additional \$114,633.31 in project reimbursement expenses
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.	No program income was generated for this reporting period.

Did any public relations events regarding this grant take place during the reporting period?	no public relations events were scheduled for this reporting period, however ADEQ staff remained available to answer questions during the program.
What is the URL for the state website listing the total number and dollar amount of sub awards, 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.	information and the a link to the applicant guide have been posted on ADEQ's website. <a href="https://www.adec.state.ar.us/air/planning/gored/">https://www.adec.state.ar.us/air/planning/gored/</a>
What project activities are planned for the next reporting period?	ADEQ will evaluate final reimbursement submission when received, prepare request for reimbursement and work with applicants to answer questions and clarify program requirements.

**Table 3. Sub award Reporting Requirements**

Requirement	Response
Summaries of results of reviews of financial and programmatic reports	
Summaries of findings from site visits and/or desk reviews to ensure effective sub recipient performance	
Environmental results the sub recipient achieved	
Summaries of audit findings and related pass-through entity management decisions	
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 Part 200.338 Remedies for Noncompliance	

Grant Recipient	Arkansas
Grant #	01F36601
Reporting Period	July 1, 2019 -Sept. 30, 2019

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

Instructions / Units	Fleet Information	Group 12 DERA 18	Group 12 DERA 18	Group 13 DERA 18	Group 13 DERA 18	Group 14 DERA 18	Group 14 DERA 18
	Fiscal Year of EPA Funds Used:	2019	2019	2019	2019	2019	2019
	Vehicle Or Engine Group Name:	Clinton School District	Clinton School District	Dover School District	Dover School District	Barton-Lexa School District	Barton-Lexa School District
	Fleet Owner:	Clinton School District	Clinton School District	Dover School District	Dover School District	Barton-Lexa School District	Barton-Lexa School District
	Vehicle or Engine Group Type:	On Highway	On Highway	On Highway	On Highway	On Highway	On Highway
	Primary Place of Performance	Clinton School District	Clinton School District	Dover School District	Dover School District	Barton-Lexa School District	Barton-Lexa School District
	- State(s):	Arkansas	Arkansas	Arkansas	Arkansas	Arkansas	Arkansas
	- County:	Van Buren	Van Buren	Pope	Pope	Phillips	Phillips
	- City:	Clinton	Clinton	Dover	Dover	Barton	Barton
	- Zip Code:	72031-6836	72031-6836	72837-0325	72837-0325	72312	72312
	Target:	School Bus	School Bus	School Bus	School Bus	School Bus	School Bus
	Vehicle Class or Equipment Type:	School Buses	School Buses	School Buses	School Buses	School Buses	School Buses
	Quantity:	1	1	1	1	1	1
	Vehicle Identification Number(s):			1BAAHCSH1VF073135	1BAAHCSHXVF073134	IHVBBABP9VH467715	ITYU4C2241137956
	Vehicle Make:						
	Vehicle Model:						
	Vehicle Model Year:						
	Engine Serial Number(s) :			4539426	45394296	454461	ER3126E230
	Engine Make:	Cummins	International	Cummins	Cummins	International	Caterpillar
	Engine Model:	5.9	444	TC2000	TC2000	T444	C7-3126
	Engine Model Year:	1999	2001	1997	1997	1996	2003
	Engine Tier:						
Nonroad and locomotive only	Engine Horsepower:			160	160	210	246
Liters per cylinder	Engine Cylinder Displacement:			5.9	5.9	7.3L	7.2L
Number of Cylinders per engine if unregulated, then NA	Engine Number of Cylinders:						
Gallons per year per engine	Engine Family Name:					SNV44C8DARW	3CFXHD442HBX
Hours per year per engine; Includes idling hours; Nonroad and locomotive only	Engine Fuel Type:	ULSD	ULSD	ULSD	ULSD	ULSD	ULSD
Miles per vehicle; On-Highway only	Annual Amount of Fuel Used:	1050	1300	2670	2137	793.6	989
Hours per year per engine; Class 8 Long-Haul Combination only	Annual Usage Rate:						
Hours per year per engine; On-Highway only	Annual Miles Traveled:	10500	10500	13350	10688	5184	4149
Years per engine; Total number of years of engine life remaining at time of upgrade action; Year in which vehicle would normally be retired/sold by the fleet owner if not for the grant	Annual Idling Hours:	20	20	45	45	200	270
	Annual Hoteling Hours:						
	Remaining Life:	3	5	1	1	1	7
	Normal Attrition Year:						

	Year of Upgrade Action:	2019	2019	2019	2019	2019	2019
	Upgrade Type:	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement
	Upgrade:	Vehicle Replacement - Diesel	Vehicle Replacement - Diesel	Vehicle Replacement - Diesel	Vehicle Replacement - Diesel	Vehicle Replacement - Diesel	Vehicle Replacement - Diesel
	Upgrade Cost Per Unit:	82970	82970	89995	89995	86000	86000
	Upgrade Labor Cost Per Unit:	0	0	0	0	0	0
	New Engine Model Year:	2018	2018	2019	2019	2019	2019
Nonroad and locomotive only	New Engine Tier:						
	New Engine Horsepower:	250	250	250	250	250	250
Line-Haul Locomotive only	New Engine Duty Cycle:						
Liters per cylinder per engine Per engine	New Engine Cylinder Displacement:	1.12	1.12	6.7	6.7	6.7	6.7
	New Engine Number of Cylinders:					6	6
	New Engine Family Name:	Cummins	Cummins	Cummins	Cummins	KCEX0408BBAT	KCEX0408BBAT
	New Engine Fuel Type:	ULSD	ULSD	ULSD	ULSD	ULSD	ULSD
Hours per vehicle; On-Highway only	Annual Idling Hours Reduced:	5	5				
Hours per vehicle; Class 8 Long-Haul Combination only	Annual Hoteling Hours Reduced:						
Gallons per year per engine	Annual Diesel Gallons Reduced:						

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

Instructions / Units	Fleet Information	Group 15 DERA 18 2019	Group 16 DERA 18 2019	Group 17 DERA 18 2019	Group 18 DERA 18 2019	Group 19 DERA 18 2019	Group 19 DERA 18 2019
	Fiscal Year of EPA Funds Used:	2019	2019	2019	2019	2019	2019
	Vehicle Or Engine Group Name:	Horatio School District	Mayflower School District	County Line School District	Hackett School District	Bentonville School District	Bentonville School District
	Fleet Owner:	Horatio School District	Mayflower School District	County Line School District	Hackett School District	Bentonville School District	Bentonville School District
	Vehicle or Engine Group Type:	On Highway	On Highway	On Highway	On Highway	On Highway	On Highway
	Primary Place of Performance	Horatio School District	Mayflower School District	County Line School District	Hackett School District	Bentonville School District	Bentonville School District
	- State(s):	Arkansas	Arkansas	Arkansas	Arkansas	Arkansas	Arkansas
	- County:	Sevier	Faulkner	Franklin	Sebastian	Benton	Benton
	- City:	Horatio	Mayflower	Branch	Hackett	Bentonville	Bentonville
	- Zip Code:	71842-0435	72106-8802	72928-9000	72937-4756	72712-4368	72712-4368
	Target:	School Bus	School Bus	School Bus	School Bus	School Bus	School Bus
	Vehicle Class or Equipment Type:	School Buses	School Buses	School Buses	School Buses	School Buses	School Buses
	Quantity:	1	1	1	1	1	1
	Vehicle Identification Number(s):	1BAAHCSHOFT067517	1BAAHC(H91F201804	4UZAAXOC24CM82596	IT88R3B2821116325	1HVBBABP9XH2	1GBL7T1C2YJ52
	Vehicle Make:						
	Vehicle Model:						
	Vehicle Model Year:						
	Engine Serial Number(s) :	45210544	46056533	KAL 06200	46134277		
	Engine Make:	Cummins	Cummins	Caterpillar	Cummins	International	Caterpillar
	Engine Model:	5.9	504	C-7	ISB225	DT444E	CAT C-7
	Engine Model Year:	1996	2001	2004	2002	1999	2001
	Engine Tier:						
	Engine Horsepower:	180	217	190	210	190	250
	Engine Cylinder Displacement:	5.9	5.9	7.2	5.9	466	441
	Engine Number of Cylinders:						
	Engine Family Name:	AAAD6D953ECS	24V	ACERT	n/a		
	Engine Fuel Type:	ULSD	ULSD	ULSD	ULSD	ULSD	ULSD
	Annual Amount of Fuel Used:	1378	2500	280	280	2000	2000
	Annual Usage Rate:						
	Annual Miles Traveled:	5792	14952	2100	2100	11000	11000
	Annual Idling Hours:	2456	180	95	95		
	Annual Hoteling Hours:						
	Remaining Life:	1	5	4	3	3	5
	Normal Attrition Year:						



	Year of Upgrade Action:	2019	2019	2019	2019		
	Upgrade Type:	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement		
	Upgrade:	Vehicle Replacement - Diesel	Vehicle Replacement - Diesel	Vehicle Replacement - Diesel	Vehicle Replacement - Diesel		
	Upgrade Cost Per Unit:	93687	75500	91110	887476.85		
	Upgrade Labor Cost Per Unit:	275	273.75	0	0		
	New Engine Model Year:	2019	2018	2019	2018		
Nonroad and locomotive only	New Engine Tier:						
	New Engine Horsepower:	250	250	220	220		
Line-Haul Locomotive only	New Engine Duty Cycle:						
Liters per cylinder per engine	New Engine Cylinder Displacement:	6.7	6.7	6.7	6.7		
Per engine	New Engine Number of Cylinders:						
	New Engine Family Name:	KCEX0408BAT	JCEX0408BAT	KCEX0408BAT	Cummins		
	New Engine Fuel Type:	ULSD	ULSD	ULSD	ULSD		
Hours per vehicle; On-Highway only	Annual Idling Hours Reduced:						
Hours per vehicle; Class 8 Long-Haul Combination only	Annual Hoteling Hours Reduced:						
Gallons per year per engine	Annual Diesel Gallons Reduced:						

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

Instructions / Units	Fleet Information	Group 20 DERA 18	Group 20 DERA 18	Group 20 DERA 18	Group 21 DERA 18
	Fiscal Year of EPA Funds Used:	2019	2019	2019	2019
	Vehicle Or Engine Group Name:	Jasper School District	Jasper School District	Jasper School District	Heber Springs School District
	Fleet Owner:	Jasper School District	Jasper School District	Jasper School District	Heber Springs School District
	Vehicle or Engine Group Type:	On Highway	On Highway	On Highway	On Highway
	Primary Place of Performance	Jasper School District	Jasper School District	Jasper School District	Heber Springs School District
	- State(s):	Arkansas	Arkansas	Arkansas	Arkansas
	- County:	Newton, Madison, Johnson	Newton, Madison, Johnson	Newton, Madison, Johnson	Cleburn
	- City:	Jasper	Jasper	Jasper	Heber Springs
	- Zip Code:	72641-8802	72641-8802	72641-8802	72543-110
	Target:	School Bus	School Bus	School Bus	School Bus
	Vehicle Class or Equipment Type:	School Buses	School Buses	School Buses	School Buses
	Quantity:	1	1	1	1
	Vehicle Identification Number(s):	4UZAAXDDX4CM57275	4UZ6CJAA6XCA87733	1GBL7T1C8XJ104523	1BAAKCAPAXYF093580
	Vehicle Make:				
	Vehicle Model:				
	Vehicle Model Year:				
	Engine Serial Number(s) :	KAL00564	70551023	7AS75410	45907277
	Engine Make:	Caterpillar	Caterpillar	Caterpillar	Cummins
	Engine Model:	C7	3126	3126	ISB190
	Engine Model Year:	2004	1999	1999	1999
Nonroad and locomotive only	Engine Tier:				
Liters per cylinder	Engine Horsepower:	190	190	190	
Number of Cylinders per engine	Engine Cylinder Displacement:	7.2	7.2	7.2	
If unregulated, then NA	Engine Number of Cylinders:				
	Engine Family Name:				YCEXH0359BAP
Gallons per year per engine	Engine Fuel Type:	ULSD	ULSD	ULSD	
Hours per year per engine; Includes idling hours; Nonroad and locomotive only	Annual Amount of Fuel Used:	2136	2136	2136	1483
Miles per vehicle; On-Highway only	Annual Usage Rate:				
Hours per engine; On-Highway only	Annual Miles Traveled:	10000	8000	10000	8900
Hours per year per engine; Class 8 Long-Haul Combination only	Annual Idling Hours:	120	100	120	95
	Annual Hoteling Hours:				

Years per engine; Total number of years of engine life remaining at time of upgrade action	<b>Remaining Life:</b>	8	3	3	3
Year in which vehicle would normally be retired/sold by the fleet owner if not for the grant	<b>Normal Attrition Year:</b>				

	Year of Upgrade Action:	2019	2019	2019	2019
	Upgrade Type:	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement
	Upgrade:	Vehicle Replacement - Diesel	Vehicle Replacement - Diesel	Vehicle Replacement - Diesel	Engine Replacement - Diesel
	Upgrade Cost Per Unit:	85429	85429	92282	
	Upgrade Labor Cost Per Unit:	900			
	New Engine Model Year:	2020	2020	2020	2018
Nonroad and locomotive only	New Engine Tier:				
	New Engine Horsepower:	250	250	250	250
Line-Haul Locomotive only	New Engine Duty Cycle:				
Liters per cylinder per engine	New Engine Cylinder Displacement:				6.7
Per engine	New Engine Number of Cylinders:				6.7
	New Engine Family Name:	Cummins	Cummins	Cummins	JCEXH0408BAT
	New Engine Fuel Type:	ULSD	ULSD	ULSD	ULSD
Hours per vehicle; On-Highway only	Annual Idling Hours Reduced:	50	50	50	
Hours per vehicle; Class 8 Long-Haul Combination only	Annual Hoteling Hours Reduced:				
Gallons per year per engine	Annual Diesel Gallons Reduced:				

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

Applicant did not complete project    Applicant did not complete project    Applicant withdrew proposal    Applicant withdrew proposal    Ineligible Project (did not meet Class 6-8 category)    Ineligible Project (did not meet Class 6-8 category)

Instructions / Units	Fleet Information	Group 22 DERA 18	Group 22 DERA 18	Group 23 DERA 18	Group 23 DERA 18	Group 24 DERA 18	Group 24 DERA 18
	Fiscal Year of EPA Funds Used:	2019	2019	2019	2019	2019	2019
	Vehicle Or Engine Group Name:	Deer/ Mt. Judea School Distict	Deer/ Mt. Judea School Distict	Prescott School District	Prescott School District	University of Central of Arkansas	University of Central of Arkansas
	Fleet Owner:	Deer/ Mt. Judea School Distict	Deer/ Mt. Judea School Distict	Prescott School District	Prescott School District	UCA	UCA
	Vehicle or Engine Group Type:	On Highway	On Highway	On Highway	On Highway	On Highway	On Highway
	Primary Place of Performance	Deer/ Mt. Judea School Distict	Deer/ Mt. Judea School Distict	Prescott School District	Prescott School District	UCA	UCA
	- State(s):	Arkansas	Arkansas	Arkansas	Arkansas	Arkansas	Arkansas
	- County:	Newton	Newton	Navada	Navada	Faulker	Faulker
	- City:	Deer	Deer	Prescott	Prescott	Conway	Conway
	- Zip Code:	72628-0056	72628-0056	71857-2749	71857-2749	72035	72035
	Target:	School Bus	School Bus	School Bus	School Bus	School Bus	School Bus
	Vehicle Class or Equipment Type:	School Buses	School Buses	School Buses	School Buses	School Buses	School Buses
	Quantity:	1	1	1	1	1	1
	Vehicle Identification Number(s):	4UZAAXAK01CH62608	1HVBBAA6XH656759	4DRBRABP52A944304	4DRBUAFP65A982802	1FDWE35P05HB19402	1FDWE35P65HB00854
	Vehicle Make:						
	Vehicle Model:						
	Vehicle Model Year:						
	Engine Serial Number(s) :						
	Engine Make:	International	Freightliner	International	International	International	International
	Engine Model:			T444E	VT365	VT365	VT365
	Engine Model Year:	1998	2000	2002	2005	2005	2005
Nonroad and locomotive only	Engine Tier:						
	Engine Horsepower:			190	190	325	325
Liters per cylinder	Engine Cylinder Displacement:			7.3	6	6	6
Number of Cylinders per engine	Engine Number of Cylinders:						
If unregulated, then NA	Engine Family Name:			Powerstroke	Powerstroke		
	Engine Fuel Type:	ULSD	ULSD	ULSD	ULSD	ULSD	ULSD
Gallons per year per engine	Annual Amount of Fuel Used:	313	534	3250	3250	500	400
Hours per year per engine; Includes idling hours; Nonroad and locomotive only	Annual Usage Rate:						
Miles per vehicle; On-Highway only	Annual Miles Traveled:	2500	4272	17880	17880	3000	2800
Hours per engine; On-Highway only	Annual Idling Hours:	30	178			1200	1200
Hours per year per engine; Class 8 Long-Haul Combination only	Annual Hoteling Hours:						
Years per engine; Total number of years of engine life remaining at time of upgrade action	Remaining Life:	4	2	6	9		
Year in which vehicle would normally be retired/sold by the fleet owner if not for the grant	Normal Attrition Year:						

	NEW VEHICLE/UPGRADE INFORMATION	Year of Upgrade Action:						
		Upgrade Type:						
		Upgrade:						
		Upgrade Cost Per Unit:						
		Upgrade Labor Cost Per Unit:						
		New Engine Model Year:						
Nonroad and locomotive only		New Engine Tier:						
		New Engine Horsepower:						
Line-Haul Locomotive only		New Engine Duty Cycle:						
Liters per cylinder per engine		New Engine Cylinder Displacement:						
Per engine		New Engine Number of Cylinders:						
		New Engine Family Name:						
		New Engine Fuel Type:						
Hours per vehicle; On-Highway only		Annual Idling Hours Reduced:						
Hours per vehicle; Class 8 Long-Haul Combination only	Annual Hotelling Hours Reduced:							
Gallons per year per engine	Annual Diesel Gallons Reduced:							