



ARKANSAS

ENERGY & ENVIRONMENT

January 26, 2023

Michael Bochanski, JR
Assistant Vice President
Wilmington Trust, N.A., as Trustee

Submitted via Intralinks

Dear Mr. Bochanski:

The Arkansas Department of Energy and Environment (E&E), hereby submits its semi-annual report for the period between July 1, 2022 and December 31, 2022 in accordance with the requirements of Paragraph 5.3 of the Environmental Mitigation Trust Agreement for State Beneficiaries.

We have attached a comprehensive Excel workbook report detailing our activities for each program.

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

Sincerely,

A handwritten signature in blue ink, appearing to read "Dw" followed by a long horizontal stroke.

David Witherow, P.E.
Associate Director, Office of Air Quality

**Division of Environmental Quality
Arkansas Mitigation Trust Reporting Form**

Eligible Mitigation Action	EV Infrastructure
Project ID #	Level 2 EVSE Program
Reporting Period	July 1, 2022-Dec. 31, 2022
Mitigation Funds Allocated	1,014,412

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WORKPLAN BUDGET	BUDGET	ACTUAL	REMAINDER	PERCENT REMAINING
Subrecipient Support	\$1,014,412.00	\$674,523.22	\$339,888.78	33.51%
Mandatory Cost-Share*	\$112,712.44	\$459,024.92	-\$346,312.48	-307.25%
Total Voluntary Matching Funds	\$0.00	\$0.00	\$0.00	#DIV/0!
Administrative Costs	\$88,000.00	\$88,000.00	\$0.00	0.00%
Total Project Costs	\$1,215,124.44	\$762,523.22	\$452,601.22	37.25%

double check

*Estimate

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

	Mitigation Funds Expended for Current Reporting Period/Not Previously Accounted for (See Table 3)	Mandatory Cost-Share Expended for Current Reporting Period	Voluntary Match Expended for-Current Reporting Period	Cumulative Mitigation Funds Expended	Cumulative Mandatory Cost-Share Expended	Cumulative Voluntary Match Expended
Subrecipient Support	\$272,258.78	\$225,942.98	\$0.00	\$674,523.22	\$459,024.92	\$0.00
Administrative	\$0.00	\$0.00	\$0.00	\$88,000.00	\$0.00	\$0.00
TOTALS	\$272,258.78	\$225,942.98	\$0.00	\$762,523.22	\$0.00	\$0.00

Table 2. Narrative Responses

Question	Answer
What actual accomplishments occurred during the reporting period?	47 applications were approved for rebates.
Were funds awarded for any projects under the Eligible Mitigation Action Plan during the current reporting period? If so, list the recipients and how much funding they received.	Yes - see attached sheet titled Approved Rebates
Provide a comparison of actual accomplishments with the anticipated outputs/outcomes and timelines/milestones specified in the Eligible Mitigation Action Management Plan.	None to report during this period.
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?	Anticipated outputs/outcomes were met.
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 Eligible Mitigation Action Management Plan.	No problems encountered during this reporting period.
If any cost-shares are reported for this Reporting Period in Table 1 above, identify the source of the funds.	None reported
Did any public relations events regarding this grant take place during the reporting period?	Presentation at Women in Transportation Winter Meeting; 11/14/22 Presentation to Arkansas Advanced Energy Association Meeting; 12/5/22
What is the URL for the state website where members of the public can find information about implementation of this Eligible Mitigation Action?	https://www.adeg.state.ar.us/air/planning/vw.aspx

Division of Environmental Quality
Arkansas Mitigation Trust Reporting Form

Eligible Mitigation Action	EV Infrastructure
Project ID #	DC Fast Charging EVSE
Reporting Period	July 1, 2022-Dec. 31, 2022
Mitigation Funds Allocated	1,182,745

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WORKPLAN BUDGET	BUDGET	ACTUAL	REMAINDER	PERCENT REMAINING
Subrecipient Support	\$1,116,745.00	\$0.00	\$1,116,745.00	100.00%
Mandatory Cost-Share*	\$372,248.33	\$0.00	\$372,248.33	100.00%
Total Voluntary Matching Funds	\$0.00	\$0.00	\$0.00	#DIV/0!
Administrative Costs	\$66,000.00	\$66,000.00	\$0.00	0.00%
Total Project Costs	\$1,554,993.33	\$66,000.00	\$1,488,993.33	95.76%

***Estimate**

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

	Mitigation Funds Expended for Current Reporting Period/Not Previously Accounted for (See Table 3)	Mandatory Cost-Share Expended for Current Reporting Period	Voluntary Match Expended for-Current Reporting Period	Cumulative Mitigation Funds Expended	Cumulative Mandatory Cost-Share Expended	Cumulative Voluntary Match Expended
Subrecipient Support	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Administrative	\$0.00	\$0.00	\$0.00	\$66,000.00	\$0.00	\$0.00
TOTALS	\$0.00	\$0.00	\$0.00	\$66,000.00	\$0.00	\$0.00

Table 2. Narrative Responses

Question	Answer
What actual accomplishments occurred during the reporting period?	3 Awardees Selected: Entergy Arkansas, Francis Energy and Shell ReCharge Awardees have or are in the process of executing Memorandums of Agreement with E&E to begin procurement phase
Were funds awarded for any projects under the Eligible Mitigation Action Plan during the current reporting period? If so, list the recipients and how much funding they received.	No
Provide a comparison of actual accomplishments with the anticipated outputs/outcomes and timelines/milestones specified in the Eligible Mitigation Action Management Plan.	Anticipation of making the awards and executing MOAs with Awardees was realized.
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?	No.
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 Eligible Mitigation Action Management Plan.	N/A
If any cost-shares are reported for this Reporting Period in Table 1 above, identify the source of the funds.	None reported
Did any public relations events regarding this grant take place during the reporting period?	Presentation at Women in Transportation Winter Meeting; 11/14/22 Presentation to Arkansas Advanced Energy Association Meeting; 12/5/22
What is the URL for the state website where members of the public can find information about implementation of this Eligible Mitigation Action?	https://www.adeg.state.ar.us/air/planning/vw.aspx

**Division of Environmental Quality
Arkansas Mitigation Trust Reporting Form**

Eligible Mitigation Action	Buses and Medium Trucks
Project ID #	Clean Fuels
Reporting Period	July 1, 2022-Dec. 31, 2022
Mitigation Funds Allocated	2,941,176

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WORKPLAN BUDGET CLEAN FUELS YEAR 1	BUDGET	ACTUAL	REMAINDER	PERCENT REMAINING
Subrecipient Support	\$2,499,999.60	\$1,091,554.00	\$1,408,445.60	56.34%
Mandatory Cost-Share*	\$1,630,435.93	\$1,630,435.93	\$0.00	0.00%
Total Voluntary Matching Funds	\$0.00	\$0.00	\$0.00	#DIV/0!
Administrative Costs	\$441,176.40	\$66,000.00	\$375,176.40	85.04%
Total Project Costs	\$4,571,611.93	\$2,787,989.93	\$1,783,622.00	39.02%

***Estimate**

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

	Mitigation Funds Expended for Current Reporting Period/Not Previously Accounted for	Mandatory Cost- Share Expended for Current Reporting Period	Voluntary Match Expended for Current Reporting Period	Cumulative Mitigation Funds Expended	Cumulative Mandatory Cost- Share Expended	Cumulative Voluntary Match Expended
Subrecipient Support	\$600,000.00	\$1,391,236.63	\$0.00	\$1,091,554.00	\$1,630,435.93	\$0.00
Administrative	\$0.00	\$0.00	\$0.00	\$66,000.00	\$0.00	\$0.00
TOTALS	\$600,000.00	\$1,391,236.63	\$0.00	\$1,157,554.00	\$1,630,435.93	\$0.00

Table 2. Narrative Responses

Question	Answer
What actual accomplishments occurred during the reporting period?	Rock Region Metropolitan Transit Authority and Fort Smith School District successfully completed projects under the Clean Fuels Program.

<p>Were funds awarded for any projects under the Eligible Mitigation Action Plan during the current reporting period? If so, list the recipients and how much funding they received.</p>	<p>DEQ processed reimbursement requests for Rock Region Metropolitan Transit Authority and Fort Smith School District for \$400,000 and \$200,000 respectively.</p>
<p>Provide a comparison of actual accomplishments with the anticipated outputs/outcomes and timelines/milestones specified in the Eligible Mitigation Action Management Plan (EMAM).</p>	<p>DEQ anticipated progress or completion of Jacksonville North Pulaski School District's (JNSPD) Clean Fuels Year 2 project and Year 3 recommended projects. JNSPD has yet to receive replacement vehicles, and the anticipated date of arrival is unclear. Concerning Year 3 projects, Lazer Spot, Inc. withdrew their project due to the original site recommended in their project proposal no longer being a viable location for equipment replacement. City of Fort Smith still anticipates completing their project in 2023; however, the approximate receipt date of new equipment continues to be pushed back with a new anticipated arrival of one truck delivered in Q2, one in Q3, and one in Q4.</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>The supply chain continues to present issues with part availability and assembly of equipment.</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 Eligible Mitigation Action Management Plan.</p>	<p>DEQ is unaware of any solutions at its disposal in order to accelerate replacement. DEQ anticipates that JNSPD and City of Fort Smith will continue contact with the manufacturer to ensure completion of the project.</p>
<p>If any cost-shares are reported for this Reporting Period in Table 1 above, identify the source of the funds.</p>	<p>N/A</p>
<p>Did any public relations events regarding this grant take place during the reporting period?</p>	<p>No public relations events were held during the reporting period.</p>
<p>What is the URL for the state website where members of the public can find information about implementation of this Eligible Mitigation Action?</p>	<p>https://www.adeg.state.ar.us/air/planning/vw.aspx</p>

**Division of Environmental Quality
Arkansas Mitigation Trust Reporting Form**

Eligible Mitigation Action	Large Trucks
Project ID #	SAFER
Reporting Period	July 1, 2022-Dec. 31, 2022
Mitigation Funds Allocated	1,168,200

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WORKPLAN BUDGET	BUDGET	ACTUAL	REMAINDER	PERCENT REMAINING
Subrecipient Support	\$1,103,450.37	\$1,109,790.00	-\$6,339.63	-0.57%
Mandatory Cost-Share*	\$0.00	\$0.00	\$0.00	0.00%
Total Voluntary Matching Funds	\$0.00	\$0.00	\$0.00	0.00%
Administrative Costs	\$64,749.63	\$64,749.63	\$0.00	0.00%
Total Project Costs	\$1,168,200.00	\$64,749.63	\$1,103,450.37	94.46%

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

	Mitigation Funds Expended for Current Reporting Period/Not Previously Accounted for	Mandatory Cost-Share Expended for Current Reporting Period	Voluntary Match Expended for Current Reporting Period	Cumulative Mitigation Funds Expended	Cumulative Mandatory Cost-Share Expended	Cumulative Voluntary Match Expended
Subrecipient Support	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Administrative	\$0.00	\$0.00	\$0.00	\$64,749.63	\$0.00	\$0.00
TOTALS	\$0.00	\$0.00	\$0.00	\$64,749.63	\$0.00	\$0.00

Table 2. Narrative Responses

Question	Answer
What actual accomplishments occurred during the reporting period?	ARDOT completed their project and submitted documetation for reimbursment on 8/4/2022
Were funds awarded for any projects under the Eligible Mitigation Action Plan during the current reporting period? If so, list the recipients and how much funding they received.	ARDOT requested at total of \$1,109,790 for the replacement of 7 pieces of diesel powerd equipment.
Provide a comparison of actual accomplishments with the anticipated outputs/outcomes and timelines/milestones specified in the Eligible Mitigation Action Management Plan.	ARDOT struggled with meeting deadlines due to the on going supply chain issues however they were able to finalize their project as required by the Trust Agreement
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?	Due to ongoing supply chain issues, DEQ timelines were relaxed to ensure project were able to be completed.
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 Eligible Mitigation Action Management Plan.	Project is complete
If any cost-shares are reported for this Reporting Period in Table 1 above, identify the source of the funds.	No cost shares were reported for this reporting period
Did any public relations events regarding this grant take place during the reporting period?	No public relation events took place during this reporting period.
What is the URL for the state website where members of the public can find information about implementation of this Eligible Mitigation Action?	https://www.adeg.state.ar.us/air/planning/vw.aspx

See attached EPA Quarterly report

**Division of Environmental Quality
Arkansas Mitigation Trust Reporting Form**

Eligible Mitigation Action	Bus fleets
Project ID #	ABC
Reporting Period	July 1, 2022-Dec. 31, 2022
Mitigation Funds Allocated	8,084,488

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WORKPLAN BUDGET	BUDGET	ACTUAL	REMAINDER	PERCENT REMAINING
Subrecipient Support	\$7,815,000.00	\$0.00	\$7,815,000.00	100.00%
Mandatory Cost-Share*	\$0.00	\$0.00	\$0.00	0.00%
Total Voluntary Matching Funds	\$0.00	\$0.00	\$0.00	0.00%
Administrative Costs	\$269,488.00	\$269,488.00	\$0.00	0.00%
Total Project Costs	\$8,084,488.00	\$269,488.00	\$7,815,000.00	96.67%

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

	Mitigation Funds Expended for Current Reporting Period/Not Previously Accounted for	Mandatory Cost-Share Expended for Current Reporting Period	Voluntary Match Expended for Current Reporting Period	Cumulative Mitigation Funds Expended	Cumulative Mandatory Cost-Share Expended	Cumulative Voluntary Match Expended
Subrecipient Support	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Administrative	\$0.00	\$0.00	\$0.00	\$269,488.00	\$0.00	\$0.00
TOTALS	\$0.00	\$0.00	\$0.00	\$269,488.00	\$0.00	\$0.00

Table 2. Narrative Responses

Question	Answer
What actual accomplishments occurred during the reporting period?	Projects were selected for recommendation, and Memorandums of Agreement (MOAs) and all supplemental attachments were provided to applicants to be signed. Signed MOAs were returned to DEQ prior to the end of the reporting period for signature by DEQ's Chief Administrator, Environment.
Were funds awarded for any projects under the Eligible Mitigation Action Plan during the current reporting period? If so, list the recipients and how much funding they received.	No funds were awarded under the ABC program during the reporting period.
Provide a comparison of actual accomplishments with the anticipated outputs/outcomes and timelines/milestones specified in the Eligible Mitigation Action Management Plan.	Anticipated outcomes were achieved for the reporting period. The program was opened for applications. Although the first application period was not successful, the program was reopened, and four eligible projects were recommended for award.
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?	N/A
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 Eligible Mitigation Action Management Plan.	N/A
If any cost-shares are reported for this Reporting Period in Table 1 above, identify the source of the funds.	N/A
Did any public relations events regarding this grant take place during the reporting period?	No public relation events were held during the reporting period.
What is the URL for the state website where members of the public can find information about implementation of this Eligible Mitigation Action?	https://www.adeg.state.ar.us/air/planning/vw.aspx

Rebate Recipient	Amount Rebated	Government (G) or Non- Government (N) Workplace (W) or Multi- Unit (M)	EVSE Manufacturer
Clay County Electric 1 - TPI, Inc	\$7,225.00	N	Chargepoint
EV Charging Solutions - Home2Suites 1	\$5,325.00	N	Blink
EV Charging Solutions - Home2Suites 2	\$5,325.00	N	Blink
EV Charging Solutions - Home2Suites 3	\$5,325.00	N	Blink
EV Charging Solutions - Comfort Inn 1	\$5,055.74	N	Blink
EV Charging Solutions - Comfort Inn 2	\$5,055.74	N	Blink
EV Charging Solutions - Comfort Inn 3	\$5,055.74	N	Blink
EV Charging Solutions - Comfort Inn 4	\$5,090.74	N	Blink
UACCB 1	\$5,671.93	G	Juice
UACCB 2	\$5,671.93	G	Juice
EV Charging Solutions - La Quinta 3	\$4,962.54	N	Blink
EV Charging Solutions - La Quinta 2	\$4,962.54	N	Blink
EV Charging Solutions - La Quinta 1	\$4,962.54	N	Blink
Tropical Smoothie - Cantrell 1	\$3,889.00	N	Juice
Tropical Smoothie - Cantrell 2	\$3,889.00	N	Juice
Ozarks Elec. Coop - Summerhill Racquet & Athletic Club	\$7,225.00	N	Chargepoint
Lindsey's Hospitality House	\$5,098.56	N	Juice
Lindsey's Hospitality House 2	\$5,098.56	N	Juice
Audubon Delta	\$4,259.61	N	WallBox
Audubon Delta 2	\$4,259.61	N	WallBox
Insurance Advantage	\$7,225.00	N	SemaConnect
Today's Power - Heber Springs	\$7,225.00	N	Chargepoint
Today's Power 2	\$7,225.00	N	Chargepoint
Today's Power	\$7,225.00	N	Chargepoint
Today's Power - Stonebridge Meadow Golf Course	\$7,225.00	N	Chargepoint
Today's Power - Ward City Hall	\$7,225.00	N	Chargepoint
Today's Power - City of Austin	\$7,225.00	N	Chargepoint
Stanley Wood Chevrolet Company 1	\$5,325.00	N	Blink
Scott Wood Chrysler Dodge Jeep & Ram 1	\$5,325.00	N	Blink
Stanley Wood Chevrolet Company 2	\$5,325.00	N	Blink
Scott Wood Chrysler Dodge Jeep & Ram 2	\$5,325.00	N	Blink
Lewis Ford Sales 2	\$7,225.00	N	SemaConnect
Lewis Ford Sales 3	\$7,225.00	N	SemaConnect
Lewis Ford Sales 4	\$7,225.00	N	SemaConnect
Lewis Chrysler Dodge 1	\$7,225.00	N	SemaConnect
Lewis Chrysler Dodge 2	\$7,225.00	N	SemaConnect
Lewis Chrysler Dodge 3	\$7,225.00	N	SemaConnect
Lewis Chrysler Dodge 4	\$5,325.00	N	SemaConnect

Springdale Ford 3	\$7,225.00	N	SemaConnect
Springdale Ford 2	\$7,225.00	N	SemaConnect
Springdale Ford 1	\$7,225.00	N	SemaConnect
Econolodge Inn and Suites	\$5,325.00	N	Blink
Econolodge Inn and Suites	\$5,325.00	N	Blink
Economy Inn	\$5,325.00	N	Blink
Grand Inn & Suites	\$5,325.00	N	Blink
Grand Inn & Suites	\$5,325.00	N	Blink
	\$272,258.78		

Mandatory Cost-Share Expended for Current Reporting
Period \$225,942.98

EVSE Level Output (kW)	EVSE Model	EVSE Equipment Price	EVSE Installation Price	Total EVSE Price
7.2	CT4021-GW1	\$15,613.80	\$1,600.00	\$17,213.80
16.9	IQ-200	\$5,876.00	\$1,750.00	\$7,626.00
16.9	IQ-200	\$5,876.00	\$1,750.00	\$7,626.00
16.9	IQ-200	\$5,616.00	\$5,616.00	\$11,232.00
16.9	IQ-200	\$5,722.48	\$1,500.00	\$7,222.48
16.9	IQ-200	\$5,722.48	\$1,500.00	\$7,222.48
16.9	IQ-200	\$5,722.48	\$1,500.00	\$7,222.48
16.9	IQ-200	\$5,772.48	\$1,500.00	\$7,272.48
9.6	JuiceBox Pro 40	\$3,050.00	\$3,252.14	\$6,302.14
9.6	JuiceBox Pro 40	\$3,050.00	\$3,252.14	\$6,302.14
16.9	IQ-200	\$5,622.67	\$1,466.67	\$7,089.34
16.9	IQ-200	\$5,622.67	\$1,466.67	\$7,089.34
16.9	IQ-200	\$5,622.67	\$1,466.67	\$7,089.34
9.6	JuiceBox Pro 40	\$3,050.00	\$2,505.72	\$5,555.72
9.6	JuiceBox Pro 40	\$3,050.00	\$2,505.72	\$5,555.72
7.6	CT4021-GW1	\$13,064.37	\$3,240.00	\$16,304.37
9.6	JuiceBox Pro 40	\$3,050.00	\$4,233.66	\$7,283.66
9.6	JuiceBox Pro 40	\$3,050.00	\$4,233.66	\$7,283.66
7	Pulsar Plus 48 amp	\$826.23	\$5,258.93	\$6,085.16
7	Pulsar Plus 48 amp	\$826.23	\$5,258.93	\$6,085.16
9.8	880	\$13,533.20	\$4,500.00	\$18,033.20
7.2	CT4021-GW1	\$15,613.80	\$1,600.00	\$17,213.80
7.2	CT4021-GW1	\$15,613.80	\$1,600.00	\$17,213.80
7.2	CT4021-GW1	\$15,613.00	\$1,600.00	\$17,213.00
7.2	CT4021-GW1	\$15,613.00	\$1,600.00	\$17,213.00
7.2	CT4021-GW1	\$15,613.00	\$1,600.00	\$17,213.00
7.2	CT4021-GW1	\$15,613.00	\$1,600.00	\$17,213.00
7.2	IQ-200	\$4,985.00	\$2,650.00	\$7,635.00
16.9	IQ-200	\$4,985.00	\$2,650.00	\$7,635.00
7.2	IQ-200	\$4,985.00	\$2,650.00	\$7,635.00
7.2	IQ-200	\$4,985.00	\$2,650.00	\$7,635.00
19.2	Series 8 Plus	\$10,612.72	\$2,333.21	\$12,945.93
19.2	Series 8 Plus	\$10,612.72	\$2,333.21	\$12,945.93
19.2	Series 8 Plus	\$10,612.72	\$2,333.21	\$12,945.93
19.2	Series 8 Plus	\$10,612.72	\$2,333.21	\$12,945.93
19.2	Series 8 Plus	\$10,612.72	\$1,853.88	\$12,466.60
19.2	Series 8 Plus	\$10,612.72	\$1,853.88	\$12,466.60
19.2	Series 8 Plus	\$10,612.72	\$1,853.88	\$12,466.60

19.2	Series 8 Plus	\$10,600.00	\$2,775.14	\$13,375.14
19.2	Series 8 Plus	\$10,600.00	\$2,775.14	\$13,375.14
19.2	Series 8 Plus	\$10,600.00	\$2,775.14	\$13,375.14
7.2	IQ-200	\$7,498.58	\$3,750.00	\$11,248.58
7.2	IQ-200	\$7,498.58	\$3,750.00	\$11,248.58
7.2	IQ-200	\$8,082.23	\$4,800.00	\$12,882.23
7.2	IQ-200	\$7,498.58	\$3,000.00	\$10,498.58
7.2	IQ-200	\$7,498.58	\$3,000.00	\$10,498.58
				\$498,201.76

Location	Installation Address	Installation Address	City
2302 Old County Road	Pocahontas	Randolph Clay	
Home2Suites	106 Catalina Circle	Hot Spring Garland	
Home2Suites	106 Catalina Circle	Hot Spring Garland	
Home2Suites	106 Catalina Circle	Hot Spring Garland	
Comfort Inn	3627 Central Ave	Hot Spring Garland	
Comfort Inn	3627 Central Ave	Hot Spring Garland	
Comfort Inn	3627 Central Ave	Hot Spring Garland	
Comfort Inn	3627 Central Ave	Hot Spring Garland	
University of Arkansas - Batesville	2005 White Dr	Batesville Independence	
University of Arkansas - Batesville	2005 White Dr	Batesville Independence	
La Quinta	4523 Central Ave.	Hot Spring Garland	
La Quinta	4523 Central Ave.	Hot Spring Garland	
La Quinta	4523 Central Ave.	Hot Spring Garland	
Tropical Smoothie Cantrell	17710 Cantrell Rd	Little Rock Pulaski	
Tropical Smoothie Cantrell	17710 Cantrell Rd	Little Rock Pulaski	
Summerhill Racquet & Athletic Club	3641 W WEDINGTON DR	Fayettevill Washington	
Lindsey's Hospitality House	207 Curtis Sykes Drive	North Little Pulaski	
Lindsey's Hospitality House	207 Curtis Sykes Drive	North Little Pulaski	
Audubon Delta	4500 Springer Blvd	Little Rock Pulaski	
Audubon Delta	4500 Springer Blvd	Little Rock Pulaski	
Insurance Advantage	1200 W Main St	Jacksonvill Pulaski	
City of Heber Springs Community Center	201 Bobbie Jean Lane	Heber Spri Cleburne	
East AR Community College	1700 New Castle Road	Forrest Cit St. Francis	
Farmers Electric Cooperative	300 AR-367	Newport Jackson	
Stonebridge Meadow Golf Course	3495 East Goff Farm Road	Fayettevill Washington	
Ward City Hall	405 Hickory St	Ward Lonoke	
Austin City Hall	3181 Hwy 367 N	Austin Lonoke	
Stanley Wood Chevrolet Company	1647 Batesville Blvd	Southside Independence	
Scott Wood Chrysler Dodge Jeep & Ram	1676 Batesville BLVD	Southside Independence	
Stanley Wood Chevrolet Company	1647 Batesville Blvd	Southside Independence	
Scott Wood Chrysler Dodge Jeep & Ram	1676 Batesville BLVD	Southside Independence	
Lewis Ford	3373 N College Ave	Fayettevill Washington	
Lewis Ford	3373 N College Ave	Fayettevill Washington	
Lewis Ford	3373 N College Ave	Fayettevill Washington	
Lewis Chrysler Dodge	3311 N College Ave	Fayettevill Washington	
Lewis Chrysler Dodge	3111 N College Ave	Fayettevill Washington	
Lewis Chrysler Dodge	3111 N College Ave	Fayettevill Washington	
Lewis Chrysler Dodge	3111 N College Ave	Fayettevill Washington	

Springdale Ford	2259 N Thompson St	Sprindale Washington
Springdale Ford	2259 N Thompson St	Sprindale Washington
Springdale Ford	2259 N Thompson St	Sprindale Washington
Econolodge Inn and Suites	5811 Pritchard Dr	North Little Pulaski
Econolodge Inn and Suites	5811 Pritchard Dr	North Little Pulaski
Economy Inn	9709 Interstae - 30	Little Rock Pulaski
Grand Inn & Suites	3801 W 8th St	Little Rock Pulaski
Grand Inn & Suites	3801 W 8th St	Little Rock Pulaski

#####	72703	1
#####	72703	1
#####	72703	1
#####	72117	1
#####	72117	1
#####	72209	1
#####	72204	1
#####	72204	1

	Budget - Sub Supp	Budget - Man Cost Share	Bud - Admin Costs	Bud Tot	Actual Sub Support	Act. Cost Share
2020 A	\$862,252.00	\$89,477.00	\$329,573.45	\$1,281,302.45	\$-	\$-
2021 A	\$1,014,412.00	\$112,712.44	\$88,000.00	\$1,215,124.44	\$104,600.50	\$49,436.01
2021 B	\$1,014,412.00	\$112,712.44	\$88,000.00	\$1,215,124.44	\$215,111.55	\$134,166.37
2022 A	\$1,014,412.00	\$112,712.44	\$88,000.00	\$1,215,124.44	\$402,264.44	\$233,081.94
2022 B	\$1,014,412.00	\$112,712.44	\$88,000.00	\$1,215,124.44	\$674,523.22	\$459,024.92

Act. Admin Costs	Act TOT	Remainder Support	Remain Cost Share	Remainder
\$84,997.94	\$84,997.94	\$862,252.00	\$89,477.00	\$1,196,304.51
\$88,000.00	\$192,600.50	\$909,811.50	\$63,276.43	\$1,022,523.94
\$88,000.00	\$303,111.55	\$799,300.45	(\$21,453.93)	\$912,012.89
\$88,000.00	\$490,264.44	\$612,147.56	(\$120,369.50)	\$724,860.00
\$88,000.00	\$762,523.22	\$251,888.78	(\$346,312.48)	\$452,601.22

U. S. Environmental Protection Agency
DERA (Diesel Emissions Reduction Act) State Grant Program
Project Quarterly AND Final Reporting Template

Instructions

Per grant agreement terms and conditions, this reporting template should be submitted 1) quarterly throughout the project period of performance and 2) a Final Report (120-days after) the completion of the grant period. Information that is submitted on quarterly reports should NOT be changed in future quarterly report submissions unless approved by EPA. Please only update information for the specific quarter in which this report is being submitted. The grant recipient only needs to fill out shaded cells highlighted blue with a diagonal pattern (///). Cells highlighted orange are simply for informative purposes and/or automated from other tabs in this spreadsheet. Please complete tabs in this workbook according to the instructions below.

Excel Workbook Tab	Definition
1. Instructions	Basic instructions for all worksheets in this reporting workbook.
2. Financial Summary	Financial summary for the entire grant period of performance. Please only complete shaded cells highlighted blue with a diagonal pattern (///) that contain grantee and original project budget information. Other cells on this worksheet will automatically feed from information in tabs 3-7 (Year 1-Year 5). If a modification to the grant is approved, please update the financial tabs accordingly.
3. Year 1	Financial summary for the first year of the project period. For each quarterly report, please complete all financial and narrative descriptive cells highlighted blue with a diagonal pattern (///) for each quarter the report is submitted. Other cells in this worksheet are informative or may be automated from subsequent tabs. Below the financial information, please ensure to complete the programmatic questions regarding the grant.
4. Year 2	Financial summary for the second year of the project period if grant period of performance is longer than one year. For each quarterly report, please complete all shaded financial and narrative descriptive cells highlighted blue with a diagonal pattern (///) for each quarter the report is submitted. Other cells in this worksheet are informative or may be automated from subsequent tabs. Below the financial information, please ensure to complete the programmatic questions regarding the grant.
5. Year 3	Financial summary for the third year of the project period if grant period of performance is longer than two years. For each quarterly report, please complete all shaded financial and narrative descriptive cells highlighted blue with a diagonal pattern (///) for each quarter the report is submitted. Other cells in this worksheet are informative or may be automated from subsequent tabs. Below the financial information, please ensure to complete the programmatic questions regarding the grant.
6. Year 4 (Tab Hidden)	Financial summary for the fourth year of the project period, if needed. If project period of performance lasts more than three years, please unhide this tab by right clicking on '1. Instructions', select '...Unhide', and click 'Year 4'. For each quarterly report, please complete all shaded financial and narrative descriptive cells highlighted blue with a diagonal pattern (///) for each quarter the report is submitted. Other cells in this worksheet are informative or may be automated from subsequent tabs. Below the financial information, please ensure to complete the programmatic questions regarding the grant.
7. Year 5 (Tab Hidden)	Financial summary for the fifth year of the project period, if needed. If project period of performance lasts more than four years, please unhide this tab by right clicking on '1. Instructions', select '...Unhide', and click 'Year 5'. For each quarterly report, please complete all shaded financial and narrative descriptive cells highlighted blue with a diagonal pattern (///) for each quarter the report is submitted. Other cells in this worksheet are informative or may be automated from subsequent tabs. Below the financial information, please ensure to complete the programmatic questions regarding the grant.
8. Fleet Description	The tab should be completed based upon the final workplan fleet sheet submitted and approved by EPA. The Fleet Description should be updated quarterly with any revisions to vehicle and engine information. Please refer to additional information on field definitions in tab 11 (Data Definitions).
9. Final Report	Final project details including actual emission and programmatic results. Please only complete shaded cells highlighted blue with a diagonal pattern (///). Emissions results should be copy and pasted from DEQ results.
10. Data Dictionary	Please refer to the dictionary on this tab for support in completing the Fleet Description (tab 8).

**U. S. Environmental Protection Agency
DERA State Grant Report
Financial Summary - Project Lifetime**

Grant Recipient	Arkansas E&E
Project Period of Performance	October 1, 2021 - May 30, 2024
Grant Number	02F01001
Project Title	Go RED

DERA State Grant Fiscal Summary Year #1	
Program Fiscal Year	FY2021 DERA State Grant
Federal (EPA) Project Award Amount Year #1	\$ 513,944
Total Cost Share Amount	\$ 342,629
Total Voluntary Matching Funds	\$ 342,629
Total Mandatory Cost Share Amount	\$ -
Total Project Costs (Fed. + Cost Share)	\$ 856,573

DERA State Grant Fiscal Summary TOTAL Year #1 + Year #2	
Federal (EPA) Project Award Amount Total	\$ 1,208,131
Total Cost Share Amount	\$ 695,968
Total Project Costs (Fed. + Cost Share)	\$ 1,904,099
Federal (EPA) Funds Expended to Date	\$ 64,256
Federal (EPA) Funds Remaining	\$ 1,143,875

DERA State Grant Fiscal Summary Year #2	
Program Fiscal Year	FY2022 DERA State Grant
Federal (EPA) Project Award Amount Year #2	\$ 694,187
Total Cost Share Amount	\$ 353,339
Total Voluntary Matching Funds	\$ 353,339
Total Mandatory Cost Share Amount	\$ -
Total Project Costs (Fed. + Cost Share)	\$ 1,047,526

Table 1. Summary Rate of Expenditure
Record project budget funds ONLY from approved final workplan. All other numbers will reflect automatically from subsequent tabs.

Financial Summary	Total Project Budget					Total Expenses to Date					Remaining Balance				
	Federal (EPA) Funds	Mandatory Cost Share	Voluntary Cost Share		Total Project Cost	Federal (EPA) Funds	Mandatory Cost Share	Voluntary Cost Share		Total Project Cost	Federal (EPA) Funds	Mandatory Cost Share	Voluntary Cost Share		Total Project Cost
			VW Mitigation Funds	Other Funds				VW Mitigation Funds	Other Funds				VW Mitigation Funds	Other Funds	
Personnel	\$ 36,858	\$ -	\$ 12,193	\$ 12,378	\$ 61,429	\$ 8,768	\$ -	\$ 2,298	\$ 3,186	\$ 14,252	\$ 28,090	\$ -	\$ 9,895	\$ 9,192	\$ 47,177
Fringe Benefits	\$ 13,449	\$ -	\$ 4,449	\$ 4,517	\$ 22,415	\$ 4,093	\$ -	\$ 1,489	\$ 1,164	\$ 6,746	\$ 9,356	\$ -	\$ 2,960	\$ 3,353	\$ 15,669
Travel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12	\$ -	\$ -	\$ -	\$ 12	\$ (12)	\$ -	\$ -	\$ -	\$ (12)
Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Supplies	\$ 502	\$ -	\$ 160	\$ 175	\$ 837	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 502	\$ -	\$ 160	\$ 175	\$ 837
Contractual	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subawards	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Participant Support Costs (e.g., Rebates)	\$ 1,138,400	\$ -	\$ 329,482	\$ 320,000	\$ 1,787,882	\$ 48,618	\$ 321,870	\$ 28,006	\$ -	\$ 398,494	\$ 1,089,782	\$ (321,870)	\$ 301,476	\$ 320,000	\$ 1,389,388
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct Cost Total	\$ 1,189,209	\$ -	\$ 346,284	\$ 337,070	\$ 1,872,563	\$ 61,491	\$ 321,870	\$ 31,793	\$ 4,350	\$ 419,504	\$ 1,127,719	\$ (321,870)	\$ 314,491	\$ 332,720	\$ 1,453,059
Indirect Charges	\$ 18,922	\$ -	\$ 7,055	\$ 5,559	\$ 31,536	\$ 2,765	\$ -	\$ -	\$ 1,843	\$ 4,608	\$ 16,157	\$ -	\$ 7,055	\$ 3,716	\$ 26,928
TOTALS	\$ 1,208,131	\$ -	\$ 353,339	\$ 342,629	\$ 1,904,099	\$ 64,256	\$ 321,870	\$ 31,793	\$ 6,193	\$ 424,112	\$ 1,143,875	\$ (321,870)	\$ 321,546	\$ 336,436	\$ 1,479,987

EPA Budget Details by Fiscal Year

Financial Summary	FY2021 DERA State Grant					FY2022 DERA State Grant					Total Project Budget				
	Federal (EPA) Funds	Mandatory Cost Share	Voluntary Cost Share		Total Project Cost	Federal (EPA) Funds	Mandatory Cost Share	Voluntary Cost Share		Total Project Cost	Federal (EPA) Funds	Mandatory Cost Share	Voluntary Cost Share		Total Project Cost
			VW Mitigation Funds	Other Funds				VW Mitigation Funds	Other Funds				VW Mitigation Funds	Other Funds	
Personnel	\$ 18,568	\$ -	\$ -	\$ 12,378	\$ 30,946	\$ 18,290	\$ -	\$ 12,193	\$ -	\$ 30,483	\$ 36,858	\$ -	\$ 12,193	\$ 12,378	\$ 61,429
Fringe Benefits	\$ 6,775	\$ -	\$ -	\$ 4,517	\$ 11,292	\$ 6,674	\$ -	\$ 4,449	\$ -	\$ 11,123	\$ 13,449	\$ -	\$ 4,449	\$ 4,517	\$ 22,415
Travel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Supplies	\$ 262	\$ -	\$ -	\$ 175	\$ 437	\$ 240	\$ -	\$ 160	\$ -	\$ 400	\$ 502	\$ -	\$ 160	\$ 175	\$ 837
Contractual	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subawards	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Participant Support Costs (e.g., Rebates)	\$ 480,000	\$ -	\$ -	\$ 320,000	\$ 800,000	\$ 658,400	\$ -	\$ 329,482	\$ -	\$ 987,882	\$ 1,138,400	\$ -	\$ 329,482	\$ 320,000	\$ 1,787,882
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct Cost Total	\$ 505,605	\$ -	\$ -	\$ 337,070	\$ 842,675	\$ 683,604	\$ -	\$ 346,284	\$ -	\$ 1,029,888	\$ 1,189,209	\$ -	\$ 346,284	\$ 337,070	\$ 1,872,563
Indirect Charges	\$ 8,339	\$ -	\$ -	\$ 5,559	\$ 13,898	\$ 10,583	\$ -	\$ 7,055	\$ -	\$ 17,638	\$ 18,922	\$ -	\$ 7,055	\$ 5,559	\$ 31,536
TOTALS	\$ 513,944	\$ -	\$ -	\$ 342,629	\$ 856,573	\$ 694,187	\$ -	\$ 353,339	\$ -	\$ 1,047,526	\$ 1,208,131	\$ -	\$ 353,339	\$ 342,629	\$ 1,904,099

Table 2. Annual Rate of Expenditure
No Entry Needed - ALL numbers will reflect automatically from subsequent tabs.

Financial Summary	Year 1					Year 2					Year 3				
	Federal (EPA) Funds	Mandatory Cost Share	Voluntary Cost Share		Total Project Cost	Federal (EPA) Funds	Mandatory Cost Share	Voluntary Cost Share		Total Project Cost	Federal (EPA) Funds	Mandatory Cost Share	Voluntary Cost Share		Total Project Cost
			VW Mitigation Funds	Other Funds				VW Mitigation Funds	Other Funds				VW Mitigation Funds	Other Funds	
Personnel	\$ 4,779	\$ -	\$ -	\$ 3,186	\$ 7,965	\$ 3,989	\$ -	\$ 2,298	\$ -	\$ 6,287	\$ -	\$ -	\$ -	\$ -	\$ -
Fringe Benefits	\$ 1,746	\$ -	\$ -	\$ 1,164	\$ 2,910	\$ 2,347	\$ -	\$ 1,489	\$ -	\$ 3,836	\$ -	\$ -	\$ -	\$ -	\$ -
Travel	\$ 12	\$ -	\$ -	\$ -	\$ 12	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Supplies	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Contractual	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subawards	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Participant Support Costs (e.g., Rebates)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 48,618	\$ 321,870	\$ 28,006	\$ -	\$ 398,494	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct Cost Total	\$ 6,537	\$ -	\$ -	\$ 4,350	\$ 10,887	\$ 54,954	\$ 321,870	\$ 31,793	\$ -	\$ 408,617	\$ -	\$ -	\$ -	\$ -	\$ -
Indirect Charges	\$ 2,765	\$ -	\$ -	\$ 1,843	\$ 4,608	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTALS	\$ 9,302	\$ -	\$ -	\$ 6,193	\$ 15,495	\$ 54,954	\$ 321,870	\$ 31,793	\$ -	\$ 408,617	\$ -	\$ -	\$ -	\$ -	\$ -

Financial Summary	Year 4					Year 5				
	Federal (EPA) Funds	Mandatory Cost Share	Voluntary Cost Share		Total Project Cost	Federal (EPA) Funds	Mandatory Cost Share	Voluntary Cost Share		Total Project Cost
			VW Mitigation Funds	Other Funds				VW Mitigation Funds	Other Funds	
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fringe Benefits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Travel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Supplies	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Contractual	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subawards	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Participant Support Costs (e.g., Rebates)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct Cost Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Indirect Charges	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTALS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



**U. S. Environmental Protection Agency
DERA State Grant Report
Financial and Narrative Summary - Year 1**

Grant Recipient	Arkansas
Grant Number	02F01001
Project Title	Go RED

Total Federal Funds Expended: Year 1	\$	9,302
Project Reporting Period	Jul. to Sep. 2022	

Table 3. Year 1 Annual Rate of Expenditure
Record and update project expenses quarterly. Previous quarters should remain and edits should be made to the quarterly report being submitted.

Financial Summary	Quarter 1					Quarter 2				
	Please select reporting quarter.					Please select reporting quarter.				
	Federal Funds Expended the Reporting Period	Mandatory Cost Share Expended the Reporting Period	Voluntary Match Expended this Reporting Period		Total Project Cost	Federal Funds Expended the Reporting Period	Mandatory Cost Share Expended the Reporting Period	Voluntary Match Expended this Reporting Period		Total Project Cost
		VW Mitigation Funds	Other Funds				VW Mitigation Funds	Other Funds		
Personnel	\$ 2,364			\$ 1,576	\$ 3,940	\$ 1,550			\$ 1,033	\$ 2,583
Fringe Benefits	\$ 864			\$ 576	\$ 1,440	\$ 566			\$ 378	\$ 944
Travel					\$ -	\$ 12				\$ 12
Equipment					\$ -					\$ -
Supplies					\$ -					\$ -
Contractual					\$ -					\$ -
Subawards					\$ -					\$ -
Participant Support Costs (e.g., Rebates)					\$ -					\$ -
Other					\$ -					\$ -
Direct Cost Total	\$ 3,228	\$ -	\$ -	\$ 2,152	\$ 5,379	\$ 2,128	\$ -	\$ -	\$ 1,411	\$ 3,539
Indirect Charges	\$ 1,368			\$ 911	\$ 2,279	\$ 897			\$ 598	\$ 1,495
TOTALS	\$ 4,595	\$ -	\$ -	\$ 3,063	\$ 7,658	\$ 3,025	\$ -	\$ -	\$ 2,009	\$ 5,033
Financial Summary	Quarter 3					Quarter 4				
	Please select reporting quarter.					Please select reporting quarter.				
	Federal Funds Expended this Reporting Period	Mandatory Cost Share Expended this Reporting Period	Voluntary Match Expended this Reporting Period		Total Project Cost	Federal Funds Expended this Reporting Period	Mandatory Cost Share Expended this Reporting Period	Voluntary Match Expended this Reporting Period		Total Project Cost
		VW Mitigation Funds	Other Funds				VW Mitigation Funds	Other Funds		
Personnel	\$ 451			\$ 301	\$ 752	\$ 414			\$ 276	\$ 690
Fringe Benefits	\$ 165			\$ 110	\$ 275	\$ 151			\$ 101	\$ 252
Travel					\$ -					\$ -
Equipment					\$ -					\$ -
Supplies					\$ -					\$ -
Contractual					\$ -					\$ -
Subawards					\$ -					\$ -
Participant Support Costs (e.g., Rebates)					\$ -					\$ -
Other					\$ -					\$ -
Direct Cost Total	\$ 616	\$ -	\$ -	\$ 411	\$ 1,027	\$ 566	\$ -	\$ -	\$ 377	\$ 943
Indirect Charges	\$ 261			\$ 174	\$ 435	\$ 240			\$ 160	\$ 399
TOTALS	\$ 877	\$ -	\$ -	\$ 585	\$ 1,461	\$ 805	\$ -	\$ -	\$ 537	\$ 1,342

Table 4. Project Updates - Narrative Responses

Record and update project updates quarterly.

Please paste the planned activities, outputs, and outcome from the submitted workplan information. Provide updates and if any changes occurred, please provide that information accordingly. In the 'Progress to Date' column, please use the dropdown to indicate if the activity is 1) Not yet started, 2) In progress, or 3) Completed. Please indicate the fiscal year of DERA grant funds used for the activity described within the table.

Fiscal Year	Activities	Anticipated Outputs	Anticipated Outcomes	Progress to Date				Progress Notes
				Q1	Q2	Q3	Q4	Write below, as appropriate.
2022	Fall/Winter 2021: DEQ publicizes applicant guidance and application deadlines through news releases, the DEQ website, and the Go RED! email list.	Applicant guidance made public by Dec. 1st 2021	First applications start coming in by Dec. 31 2021	Completed	Completed	Completed	Completed	
2022	January 2022: Quarterly report due to EPA	1st quarterly report prepared, reviewed and approved before Jan. deadline	Quarterly report submitted to EPA	Completed	Completed	Completed	Completed	
2022	December 2021 - April 30, 2022: DEQ evaluates proposals from Go RED! applicants, selects projects, and enters into MOAs for selected projects.	Proposal reviewed within a week after each of the rolling deadline	MOA completed and signed by Applicants and DEQ	In Progress	Completed	Completed	Completed	
2022	April 2022: Quarterly report due to EPA	2nd quarterly report prepared, reviewed and approved before April. deadline	Quarterly report submitted to EPA	Completed	Completed	Completed	Completed	
2022	Spring/Summer 2022: DEQ will coordinate with Go RED! selected recipients to ensure successful completion of their projects by August 31, 2023	Continued coordination with Program participants through out the project process	Projects completed by August 31st	Not Yet Started	In Progress	In Progress	In Progress	Due to supply chain constraints, no applicants were able to complete their projects by August 31, 2022.
2022	July 2022: Quarterly report due to EPA	3rd quarterly report prepared, reviewed and approved before July. deadline	Quarterly report submitted to EPA	Not Yet Started	Not Yet Started	In Progress	Completed	
2022	August 2022: Projects completed by Go RED! recipients	Projects completed by August 31st	Projects completed by August 31st	Not Yet Started	Not Yet Started	Not Yet Started	In Progress	
2022	September 2022: Project partners reimbursed upon demonstration that MOA terms have been met	Program participants submit reimbursement requests	Program participants receive reimbursements	Not Yet Started	Not Yet Started	Not Yet Started	In Progress	Due to supply chain constraints, no applicants were able to complete their projects by August

Please provide programmatic and narrative financial updates on the project. As quarterly reports are submitted, indicate updates or changes for each quarter. For each quarter, please indicate if there was a change from the previous quarter. If yes, please provide an explanation in the subsequent cell.

Question	Quarter 1 Update	Quarter 2 Update	Quarter 3 Update	Quarter 4 Update
Provide a comparison of accomplishments with the anticipated outputs/outcomes and timelines /milestones specified in the project Work Plan. Please include financial, technical, and programmatic.	DEQ provided a news release on November 30, 2021, announcing funding for the Fall 2021 application period of December 1, 2021, through April 30, 2022, and provided an application guidance for applicants concerning eligibility, deadlines, and other pertinent information. DEQ specified that applications would be received for rolling deadlines ending at the end of each month or until all funds were expended. DEQ anticipated opening the application period on December 1, 2021, and achieved this goal. One (1) application was initially submitted in December 2021 via the specified online form.	DEQ received 6 applications for our GO RED program during this reporting period. An incomplete application was submitted by Nucor-Yamato Steel Company. Complete applications were submitted by Clinton School District, Mountainburg School District, Ozark Public Schools, Shirley School District, and Two Rivers School District. Proposed project applications were reviewed and scored. All applicants with complete applications were recommended for award. Memorandums of Agreement (MOAs) were drafted and finalized, then sent out to recommended project applicants for signature, which DEQ anticipated would be completed by March 31. As of April 19, 2022, Clinton School District and Ozark Public Schools have been authorized to begin projects, and DEQ is waiting for final signatures to authorize the remaining recommended projects.	All recommended projects, submitted by Clinton School District, Mountainburg School District, Ozark Public Schools, Shirley School District, and Two Rivers School District, have been authorized to begin. DEQ has authorized all recommended projects to begin. DEQ is currently on track to meet expected outcomes and timelines.	DEQ anticipated that all projects recommended from the December 1, 2021, through April 30, 2022, application period would be completed by September 5, 2022. However, due to supply and demand, there has been a significant delay in project completion. Projects that are still underway anticipate completion in the next quarter.
Have any vehicles in this project changed from the last quarter? (i.e. vehicles added to the Fleet Description or taken off the Fleet Description)	No Changes	No Changes	No Changes	no changes
Did you award any rebates or subawards during the reporting period? If so, list the recipients and how much funding they received.	No reimbursements were issued during this reporting period.	No reimbursements were issued during this reporting period.	No reimbursements were issued during this reporting period.	No funds were disbursed during Q4. However, Clinton School District requested reimbursement for \$50,000 in Q4 of year 1 and was reimbursed in Q1 of year 2. This reimbursement will be reflected in the next quarterly report.

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 project objectives?	DEQ met its goals concerning funding availability and application start date.	Review and signature of MOAs took longer than anticipated. Additionally, DEQ was notified by Clinton School District concerning bus supply chain issues, as vendors indicated that they could not meet or could not ensure that projects would be complete by the deadline.	Applicants have communicated concerns that bus supply will impact their ability to complete their project by the initial deadline. However, the potential delay is not impacting early milestones applicable to this reporting period.	Project managers communicated concerns that bus supply will impact their ability to complete their project by the initial deadline. Project managers have continued communications and effort after the anticipated deadline to fulfill project goals as soon as possible.
If any cost-share or additional leveraged funds are reported for this Reporting Period in Table 3 above, identify the source of the funds.	No cost share have been received during this reporting period.	No cost share have been received during this reporting period.	No cost share have been received during this reporting period.	No cost share for this reporting period
Have there been any major personnel changes during this reporting period?	No Personnel changes	No Personnel changes	No Personnel changes	During the reporting period, we added a new member to our team, Katrina Jones, Policy Development Coordinator, that will be the primary contact for Go RED! in the 2022/2023 application period.
Did any public relations events regarding this grant take place during the reporting period?	1 (News release November 30, 2021)	DEQ sent out an email on February 28, 2022 to 138 organizations that may operate or work with parties who operate eligible equipment to inform them that there was still funding available for additional projects.	No public relations events were held regarding this grant during the reporting period.	No, no public relations events were held during this reporting period.
Are you using websites or other tools used to relay information about this grant to the public?	Information and the a link to the applicant guide have been posted on DEQ's website at https://www.adeg.state.ar.us/air/planning/gored/ .	Information and the a link to the applicant guide have been posted on DEQ's website at https://www.adeg.state.ar.us/air/planning/gored/ .	Information and the a link to the applicant guide have been posted on DEQ's website at https://www.adeg.state.ar.us/air/planning/gored/ .	Information and the a link to the applicant guide have been posted on DEQ's website at https://www.adeg.state.ar.us/air/planning/gored/ .
What project activities are planned for the next reporting period?	quarters 1-3 were reported on old template	DEQ will continue to work with applicants to answer questions and clarify program requirements.	DEQ will continue to provide support to potential and current applicants by by answering questions and clarifying program requirements.	We anticipate giving a news release for the 2022 application period, opening the application form, and providing support to potential applicants.
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 during this reporting period.	No program income was generated during this reporting period.	No program income was generated during this reporting period.	No program income was generated during this reporting period
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.	Information and the a link to the applicant guide have been posted on DEQ's website at https://www.adeg.state.ar.us/air/planning/gored/ .	Information and the a link to the applicant guide have been posted on DEQ's website at https://www.adeg.state.ar.us/air/planning/gored/ .	Information and the a link to the applicant guide have been posted on DEQ's website at https://www.adeg.state.ar.us/air/planning/gored/ .	Information and the a link to the applicant guide have been posted on DEQ's website at https://www.adeg.state.ar.us/air/planning/gored/ .
Do you have any other comments or feedback?	DEQ will continue to work with applicants to answer questions and clarify program requirements.	N/A	N/A	N/A

Subaward Reporting Requirements

Please provide subaward updates on the project. As quarterly reports are submitted, indicate updates or changes for each quarter. For each quarter, please indicate if there was a change from the previous quarter. If yes, please provide an explanation in the subsequent cell.

Question	Quarter 1 Update	Quarter 2 Update	Quarter 3 Update	Quarter 4 Update
Summaries of results of reviews of financial and programmatic reports.	Not applicable to participant support program structures	Not applicable to participant support program structures	Not applicable to participant support program structures	Not applicable to participant support program structures
Summaries of findings from site visits and/or desk reviews to ensure effective subrecipient performance.	Not applicable to participant support program structures	Not applicable to participant support program structures	Not applicable to participant support program structures	Not applicable to participant support program structures
Environmental results the subrecipient achieved	Not applicable to participant support program structures	Not applicable to participant support program structures	Not applicable to participant support program structures	Not applicable to participant support program structures
Summaries of audit findings and related pass-through entity management decisions	Not applicable to participant support program structures	Not applicable to participant support program structures	Not applicable to participant support program structures	Not applicable to participant support program structures
Actions the pass-through entity has taken to correct deficiencies such as those specified at 2 CFR 200.332, 2 CFR 200.208 and the 2 CFR 200.339 Remedies for Noncompliance	Not applicable to participant support program structures	Not applicable to participant support program structures	Not applicable to participant support program structures	Not applicable to participant support program structures

U. S. Environmental Protection Agency
DERA State Grant Report
Financial and Narrative Summary - Year 2

Grant Recipient	Arkansas E&E
Grant Number	02F01001
Project Title	Go RED

Total Federal Funds Expended: Year 2	\$ 54,954
Project Reporting Period	Oct. to Dec. 2022

Table 5. Year 2 Annual Rate of Expenditure										
<i>Record and update project expenses quarterly. Previous quarters should remain and edits should be made to the quarterly report being submitted.</i>										
Financial Summary	Quarter 1					Quarter 2				
	Please select reporting quarter.					Please select reporting quarter.				
	Federal Funds Expended the Reporting Period	Mandatory Cost Share Expended the Reporting Period	Voluntary Match Expended this Reporting Period		Total Project Cost	Federal Funds Expended the Reporting Period	Mandatory Cost Share Expended the Reporting Period	Voluntary Match Expended this Reporting Period		Total Project Cost
VW Mitigation Funds			Other Funds	VW Mitigation Funds				Other Funds		
Personnel	\$ 3,989		\$ 2,298		\$ 6,287					\$ -
Fringe Benefits	\$ 2,347		\$ 1,489		\$ 3,836					\$ -
Travel					\$ -					\$ -
Equipment					\$ -					\$ -
Supplies					\$ -					\$ -
Contractual					\$ -					\$ -
Subawards					\$ -					\$ -
Participant Support Costs (e.g., Rebates)	\$ 48,618	\$ 321,870	\$ 28,006		\$ 398,494					\$ -
Other					\$ -					\$ -
Direct Cost Total	\$ 54,954	\$ 321,870	\$ 31,793	\$ -	\$ 408,617	\$ -	\$ -	\$ -	\$ -	\$ -
Indirect Charges					\$ -					\$ -
TOTALS	\$ 54,954	\$ 321,870	\$ 31,793	\$ -	\$ 408,617	\$ -	\$ -	\$ -	\$ -	\$ -
Financial Summary	Quarter 3					Quarter 4				
	Please select reporting quarter.					Please select reporting quarter.				
	Federal Funds Expended this Reporting Period	Mandatory Cost Share Expended this Reporting Period	Voluntary Match Expended this Reporting Period		Total Project Cost	Federal Funds Expended this Reporting Period	Mandatory Cost Share Expended this Reporting Period	Voluntary Match Expended this Reporting Period		Total Project Cost
VW Mitigation Funds			Other Funds	VW Mitigation Funds				Other Funds		
Personnel					\$ -					\$ -
Fringe Benefits					\$ -					\$ -
Travel					\$ -					\$ -
Equipment					\$ -					\$ -
Supplies					\$ -					\$ -
Contractual					\$ -					\$ -
Subawards					\$ -					\$ -
Participant Support Costs (e.g., Rebates)					\$ -					\$ -
Other					\$ -					\$ -
Direct Cost Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Indirect Charges					\$ -					\$ -
TOTALS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Table 6. Project Updates - Narrative Responses

Record and update project updates quarterly.

Please paste the planned activities, outputs, and outcome from the submitted workplan information. Provide updates and if any changes occurred, please provide that information accordingly. In the 'Progress to Date' column, please use the dropdown to indicate if the activity is 1) Not yet started, 2) In progress, or 3) Completed. Please indicate the fiscal year of DERA grant funds used for the activity described within the table.

Fiscal Year	Activities	Anticipated Outputs	Anticipated Outcomes	Progress to Date				Progress Notes
				Q1	Q2	Q3	Q4	
2023	Fall/Winter 2022/Fall/Winter 2022: DEQ publicizes applicant guidance and application deadlines through news releases, the DEQ website, and the Go RED! email list.	Applicant guidance made public by Dec. 1st 2022	First applications start coming in by Dec. 2 2022	Completed	Not Yet Started	Not Yet Started	Not Yet Started	
2023	January 2023: Quarterly report due to EPA	1st quarterly report prepared, reviewed and approved before deadline	Quarterly report submitted to EPA	Completed	Not Yet Started	Not Yet Started	Not Yet Started	Due to supply chain constraints, applicants were expecting delays already.
2023	December 2021 - April 30, 2022/December 2022 - April 30, 2023: DEQ evaluates proposals from Go RED! applicants, selects projects, and enters into MOAs for selected projects.	Proposal reviewed within a week after each of the rolling deadline	MOA completed and signed by Applicants and DEQ	In Progress	Not Yet Started	Not Yet Started	Not Yet Started	
2023	April 2023: Quarterly report due to EPA	2nd quarterly report prepared, reviewed and approved before deadline	Quarterly report submitted to EPA	Not Yet Started	Not Yet Started	Not Yet Started	Not Yet Started	
2023	Spring/Summer 2022/Spring/Summer 2023: DEQ will coordinate with Go RED! selected recipients to ensure successful completion of their projects by August 31, 2023	Continued coordination with Program participants through out the project process	Projects completed by August 31st.	Not Yet Started	Not Yet Started	Not Yet Started	Not Yet Started	
2023	July 2023: Quarterly report due to EPA	3rd quarterly report prepared, reviewed and approved before deadline	Quarterly report submitted to EPA	Not Yet Started	Not Yet Started	Not Yet Started	Not Yet Started	
2023	October 2023: Quarterly report due to EPA	4rd quarterly report prepared, reviewed and approved before deadline	Quarterly report submitted to EPA	Not Yet Started	Not Yet Started	Not Yet Started	Not Yet Started	
2023	January 2024: Quarterly report due to EPA	5th quarterly report prepared, reviewed and approved before deadline	Final report submitted to EPA	Not Yet Started	Not Yet Started	Not Yet Started	Not Yet Started	
2023	March 31, 2024: Projects completed by Go RED! recipients	Projects completed	Projects completed	Not Yet Started	Not Yet Started	Not Yet Started	Not Yet Started	
2023	April 2024: Project partners reimbursed upon demonstration that MOA terms have been met	Program participants submit reimbursement requests	Program participants receive reimbursements	Not Yet Started	Not Yet Started	Not Yet Started	Not Yet Started	Grant period extended due to supply chain constraints.
2023	April 2024: Quarterly Report due to EPA	6th quarterly report prepared, reviewed and approved before deadline	Quarterly report submitted to EPA	Not Yet Started	Not Yet Started	Not Yet Started	Not Yet Started	
2023	May 30, 2024: FY 2021 and 2022 State Clean Diesel Program work complete and closed out			Not Yet Started	Not Yet Started	Not Yet Started	Not Yet Started	
2023	July 2024: Final report due to EPA	Final report prepared, reviewed and approved before December. deadline	Final report submitted to EPA	Not Yet Started	Not Yet Started	Not Yet Started	Not Yet Started	

Please provide programmatic and narrative financial updates on the project. As quarterly reports are submitted, indicate updates or changes for each quarter. For each quarter, please indicate if there was a change from the previous quarter. If yes, please provide an explanation in the subsequent cell.

Question	Quarter 1 Update	Quarter 2 Update	Quarter 3 Update	Quarter 4 Update
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<p>Provide a comparison of accomplishments with the anticipated outputs/outcomes and timelines /milestones specified in the project Work Plan. Please include financial, technical, and programmatic.</p>	<p>DEQ anticipated the completion of all 2021/2022 projects awarded. However, only Clinton School District and Two Rivers School District completed their projects. Mountainburg School District, Ozark Public Schools, and Shirley School District are continuing to work on their projects. For the 2022/2023 grant year, DEQ provided a news release, Twitter post, and Facebook post on November 28, 2022, announcing funding for the Fall 2022 application period of December 1, 2022, through April 30, 2023, and provided an application guidance for applicants concerning eligibility, deadlines, and other pertinent information. DEQ specified that applications would be received for rolling deadlines ending at the end of each month or until all funds were expended. Over 700 emails were sent out, on the last week of November 2022, with a flyer providing information about Go RED! and directing them to the DEQ Go RED! website. DEQ anticipated opening the application period on December 1, 2022, and achieved this goal. Three (3) applications were initially submitted in December 2022 via the specified online form.</p>			
<p>Have any vehicles in this project changed from the last quarter? (i.e. vehicles added to the Fleet Description or taken off the Fleet Description)</p>	<p>No Changes</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>DEQ processed reimbursement requests for Clinton School District and Two Rivers School District for for \$50,000 and \$26,623.35 respectively.</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 project objectives?</p>	<p>DEQ met its goals concerning funding availability and application start date. Due to supply chain constraints, applicants were expecting delays already.</p>			
<p>If any cost-share or additional leveraged funds are reported for this Reporting Period in Table 3 above, identify the source of the funds.</p>	<p>Total cost share for this reporting period is \$231,870.05 and were paid by our two program participants: Clinton School District and Two Rivers School district; who have completed their projects.</p>			
<p>Have there been any major personnel changes during this reporting period?</p>	<p>Katrina Jones is the primary contact for Go RED! in the 2022/2023 application period. Mikayla Shaddon remains the Go RED! contact for the 2021/2022 projects in progress.</p>			
<p>Did any public relations events regarding this grant take place during the reporting period?</p>	<p>DEQ sent out emails on the last week of November 2022 to over 700 organizations that may operate or work with parties who operate eligible equipment to inform them about Go RED!.</p>			

<p>Are you using websites or other tools used to relay information about this grant to the public?</p>	<p>Information and the a link to the applicant guide have been posted on DEQ's website at https://www.adeg.state.ar.us/air/planning/gored/. DEQ provided a new release, a post on DEQ Twitter, and a post on DEQ Facebook page. These posts gave information about Go RED! and directed people to the DEQ Go RED! website and application guide.</p>			
<p>What project activities are planned for the next reporting period?</p>	<p>DEQ will continue to provide support to potential and current applicants by by answering questions and clarifying program requirements.</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>			

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.	Information and the a link to the applicant guide have been posted on DEQ's website at https://www.adeg.state.ar.us/air/planning/gored/ .			
Do you have any other comments or feedback?	Due to supply chain constraints, applicants were expecting delays, thus an extension was requested from EPA.			

Subaward Reporting Requirements				
<i>Please provide subaward updates on the project. As quarterly reports are submitted, indicate updates or changes for each quarter. For each quarter, please indicate if there was a change from the previous quarter. If yes, please provide an explanation in the subsequent cell.</i>				
Question	Quarter 1 Update	Quarter 2 Update	Quarter 3 Update	Quarter 4 Update
Summaries of results of reviews of financial and programmatic reports.	Not applicable to participant support program structures			
Summaries of findings from site visits and/or desk reviews to ensure effective subrecipient performance.	Not applicable to participant support program structures			
Environmental results the subrecipient achieved	Not applicable to participant support program structures			
Summaries of audit findings and related pass-through entity management decisions	Not applicable to participant support program structures			
Actions the pass-through entity has taken to correct deficiencies such as those specified at 2 CFR 200.332, 2 CFR 200.208 and the 2 CFR 200.339 Remedies for Noncompliance	Not applicable to participant support program structures			

U. S. Environmental Protection Agency
 DERA State Grant Report
 Financial and Narrative Summary - Year 3

Grant Recipient: **Arkansas E&E**
 Grant Number: **02F01001**
 Project Title: **Go RED**

Total Federal Funds Expended: Year 3: \$ -
 Project Reporting Period: Please select reporting quarter.

Table 7. Year 3 Annual Rate of Expenditure										
Record and update project expenses quarterly. Previous quarters should remain and edits should be made to the quarterly report being submitted.										
Financial Summary	Quarter 1 Please select reporting quarter.					Quarter 2 Please select reporting quarter.				
	Federal Funds Expended the Reporting Period	Mandatory Cost Share Expended the Reporting Period	Voluntary Match Expended this Reporting Period		Total Project Cost	Federal Funds Expended the Reporting Period	Mandatory Cost Share Expended the Reporting Period	Voluntary Match Expended this Reporting Period		Total Project Cost
			VW Mitigation Funds	Other Funds				VW Mitigation Funds	Other Funds	
Personnel					\$ -					\$ -
Fringe Benefits					\$ -					\$ -
Travel					\$ -					\$ -
Equipment					\$ -					\$ -
Supplies					\$ -					\$ -
Contractual					\$ -					\$ -
Subawards					\$ -					\$ -
Participant Support Costs (e.g., Rebates)					\$ -					\$ -
Other					\$ -					\$ -
Direct Cost Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Indirect Charges					\$ -					\$ -
TOTALS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Financial Summary	Quarter 3 Please select reporting quarter.					Quarter 4 Please select reporting quarter.				
	Federal Funds Expended this Reporting Period	Mandatory Cost Share Expended this Reporting Period	Voluntary Match Expended this Reporting Period		Total Project Cost	Federal Funds Expended this Reporting Period	Mandatory Cost Share Expended this Reporting Period	Voluntary Match Expended this Reporting Period		Total Project Cost
			VW Mitigation Funds	Other Funds				VW Mitigation Funds	Other Funds	
Personnel					\$ -					\$ -
Fringe Benefits					\$ -					\$ -
Travel					\$ -					\$ -
Equipment					\$ -					\$ -
Supplies					\$ -					\$ -
Contractual					\$ -					\$ -
Subawards					\$ -					\$ -
Participant Support Costs (e.g., Rebates)					\$ -					\$ -
Other					\$ -					\$ -

If any cost-share or additional leveraged funds are reported for this Reporting Period in Table 3 above, identify the source of the funds.				
Have there been any major personnel changes during this reporting period?				
Did any public relations events regarding this grant take place during the reporting period?				
Are you using websites or other tools used to relay information about this grant to the public?				
What project activities are planned for the next reporting period?				
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>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>Do you have any other comments or feedback?</p>				

Subaward Reporting Requirements				
<p><i>Please provide subaward updates on the project. As quarterly reports are submitted, indicate updates or changes for each quarter. For each quarter, please indicate if there was a change from the previous quarter. If yes, please provide an explanation in the subsequent cell.</i></p>				
Question	Quarter 1 Update	Quarter 2 Update	Quarter 3 Update	Quarter 4 Update
<p>Summaries of results of reviews of financial and programmatic reports.</p>				
<p>Summaries of findings from site visits and/or desk reviews to ensure effective subrecipient performance.</p>				
<p>Environmental results the subrecipient achieved</p>				
<p>Summaries of audit findings and related pass-through entity management decisions</p>				
<p>Actions the pass-through entity has taken to correct deficiencies such as those specified at 2 CFR 200.332, 2 CFR 200.208 and the 2 CFR 200.339 Remedies for Noncompliance</p>				

U. S. Environmental Protection Agency
DERA State Grant Report
Fleet Description

Grant Recipient	Arkansas E&E
Program FY(s)	Please include the fiscal year(s) covered in this fleet description.
Grant Number	02F01001
Project Title	Go RED

Number of Fleets	
Total # of All Vehicles	

INSTRUCTIONS: This Fleet Description should detail all vehicles and engines impacted under the project. The fields below align with EPA's Diesel Emission Quantifier (DEQ), a requirement for the application, workplan, and final reports as part of program grant requirements. **The Fleet Description should be updated quarterly with all vehicle and engine upgrades completed.** This Fleet Description is broken into two sections: 1) Current Vehicle and Engine Information and 2) New Vehicle and Engine Upgrade Information. All rows of data are required, unless specified as not being applicable to the Equipment Type or Target Fleet. These exceptions are highlighted in parentheses in the table below. Please refer to the Fleet Description data definitions on tab 11 (Data Dictionary) for additional guidance on each field.

Each vehicle/engine group column below can represent one or more similar pieces of equipment operating in the same fleet. You can copy and paste additional columns as needed to capture all vehicle/engine groups. Please indicate in the Financial Information row the fiscal year of funds used for the activity described within the table.

Note: Individual marine vessels must be listed in separate vehicle/engine group columns. If both auxiliary and propulsion engines on an individual vessel are part of a project, these different engine types must be listed in separate vehicle/engine group columns.

Fleet Information		<i>Example</i>	Project Complete Group 1	Project Complete Group 2	Group 3	Group 4	Group 5	Project Complete Group 6	Group 7	Group 8
Financial Information	Fiscal Year of EPA Funds Used	2022	Please select fiscal year from the drop down menu.	Please select fiscal year from the drop down menu.	Please select fiscal year from the drop down menu.	Please select fiscal year from the drop down menu.	Please select fiscal year from the drop down menu.	Please select fiscal year from the drop down menu.	FY2022 DERA State Grant	FY2022 DERA State Grant
CURRENT VEHICLE AND ENGINE INFORMATION										
Basic Fleet Information	Group Name:	Sample	Clinton School District Bus #1	Clinton School District Bus #2	Mountainburg School District	Ozark Public Schools	Shirley School District	Two Rivers School District	Mena Public Schools	City of Fort Smith
	Fleet Owner:	Sarah	Clinton School District Bus #1	Clinton School District Bus #2	Mountainburg School District	Ozark Public Schools	Shirley School District	Two Rivers School District	Mena Public Schools	City of Fort Smith
	Publicly or Privately Owned?:	Publicly	Publicly	Publicly	Publicly	Publicly	Publicly	Publicly	Publicly	Publicly
	Place of Performance									
	- State(s):	Arizona	Arkansas	Arkansas	Arkansas	Arkansas	Arkansas	Arkansas	Arkansas	Arkansas
	- County(s):	Maricopa	Van Buren	Van Buren	Crawford	Franklin	Van Buren	Yell	Polk	Sebastian
	- City(s):	Phoenix	Clinton	Clinton	Mountainburg	Ozark	Shirley	Ola	Mena	Fort Smith
	- Zip Code(s):	85308; 85306	72031	72031	72946	72949	72153	72853	71953	72916
	- % of Time operated in each Zip Code	80% in 85308; 20% in 85306	100%	100%	100%	90%	100%	100%	100%	100%
	Equipment Type:	Onroad	Onroad	Onroad	Onroad	Onroad	Onroad	Onroad	Onroad	Onroad
Target Fleet:	Transit Bus	School Bus	School Bus	School Bus	School Bus	School Bus	School Bus	School Bus	School Bus	
Class (onroad vehicles, as defined in data dictionary):	Class 6	Class 6	Class 6	Class 4	Class 3	Class 6	Class 6	Class 6	Class 8	
Vehicle or Engine Group Sector:	Municipal	School Bus	School Bus	School Bus	School Bus	School Bus	School Bus	School Bus	School Bus	
Vocation (on-highway, short-haul, and marine only):	Other	School Bus	School Bus	School Bus	School Bus	School Bus	School Bus	School Bus	School Bus	
Quantity (number of vehicles in group):	4	1/2	2/2	1	1	1	1	1	1	
Current Vehicle Information	Vehicle Identification Number(s):	1234567891011	4DRBVAAN299710	4DRBUAAPX6B233357	1BAAGCSH6MF042884	1T88S4B29Y1083340	4DRGSAAN7SA066773	18ABKCOA84F215300	1GDM7T1C22J502699	1M2AU02CXBM004998
	Vehicle Make:	Ford	International	International	Blue Bird	THOMAS	AMTRAN	Blue Bird	Blue Bird	Mack
	Vehicle Model:	Taurus	School Bus	School Bus	TC/2000	Forward Control	IS 3609	School Bus	Coventional	LEU613
	Baseline Vehicle Model Year:	1995	2006	2006	1991	1999	1994	2003	2002	2011
Current Engine Information	Engine Serial Number(s) :	4548154	466HM2U2084728	466HM2U2074797	44556825	45849009	1823820c1	HEP18368	CKM24690	527601
	Engine Make:	ABC	International	International	Cummins	Cummins	Navistar	CAT	CAT	MACK
	Engine Model:	ABC	International dt 466	International dt 466	6BTA-5.9	EFiSB210	A190	3126	3126	MP-325M
	Engine Model Year:	1995	2005	2005	1991	1999	1994	2003	2001	2010
	Engine Tier (nonroad, locomotive, and marine only):	Tier 2	Tier 2	Tier 2				Tier 2		
	Tier 4 Standards (Tier 4 only):	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Engine After-Treatment Technology (Tier 4 nonroad only):	No DPF, Yes SCR	Do not know	Do not know	Do not know	Do not know	Do not know	Do not know	Do not know	Do not know
	Engine Horsepower:	660	210	220	180	210	190	230	190	325
	Engine Cylinder Displacement (liters/cylinder; marine only):	5.0 <= size <15.0								
	Engine Number of Cylinders (# of cylinders per engine; marine only):	N/A	n/a	n/a	n/a	n/a	n/a	n/a	n/a	N/A
	Engine Total Displacement (liters per engine; marine only):	N/A	n/a	n/a	n/a	n/a	n/a	n/a	n/a	N/A
	Engine Family Name (if unregulated, then NA):	N/A	5NVXHO466AEA	5NVXHO466AEA				3CPXH0442HBX	1CPXH0442HBK	9VPTH10.8H03
	Baseline Engine Fuel Type:	ULSD (diesel)	ULSD (diesel)	ULSD (diesel)	ULSD (diesel)	ULSD (diesel)	ULSD (diesel)	ULSD (diesel)	ULSD (diesel)	ULSD (diesel)
Total # of Propulsion Engines (per vessel; marine only):	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Total # of Auxiliary Engines (per vessel; marine only):	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

U. S. Environmental Protection Agency
DERA State Grant Report
Fleet Description

Grant Recipient		Arkansas E&E					Number of Fleets				
Program FY(s)		Please include the fiscal year(s) covered in this fleet description.					Total # of All Vehicles				
Grant Number		02F01001									
Project Title		Go RED									
Current Annual Vehicle Data	Annual Amount of Fuel Used (gallons/year per engine):	6000	1630	1854	2225	920	1667	1090	1380	3171	
	Annual Usage Hours (hours per year per engine; includes idling hours; nonroad, locomotive, and marine only):	3000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	Annual Miles Traveled (miles per vehicle; on-highway only):	12000	10856	10567	8900	7800	9950	7200	8720	13430	
	Annual Idling Hours (hours per engine; on-highway only):	1500	40	40	178	50	133.5	160	108	416	
	Annual Hoteling Hours (hours per year per engine; class 8 long-haul combination only):	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Remaining Life of Baseline Engine/Vehicle (years per engine; total # of years of engine life remaining at time of upgrade action):	3	14	14	3	5	3	5	3	4		
NEW VEHICLE AND ENGINE UPGRADE INFORMATION											
Upgrade Information	Year of Upgrade Action:	2018	2023	2023							
	Upgrade Type:	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement					Vehicle Replacement	Vehicle Replacement	
	Upgrade Specific:	Diesel Oxidation Catalyst + Diesel Particulate Filter	Vehicle Replacement - ULSD (diesel)	Vehicle Replacement - ULSD (diesel)				Vehicle Replacement - ULSD (diesel)			
	Class (onroad vehicles, as defined in data dictionary):	Class 6	Class 6	Class 6							
	VIN for New Vehicle(s):	1234567890ABCDE	4DRBUC8N8PB785912	4DRBUC8NXPB785913				4UZABRFXPCUB6514			
	Total Cost Per Unit (equipment plus labor):	\$ 175,000.00	\$ 101,000	\$ 101,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Upgrade Equipment Cost only Per Unit:	\$ 150,000.00									
	Upgrade Labor Cost only Per Unit:	\$ 25,000.00									
Total Federal Funds Expended Per Unit (\$ of Total Cost per Unit):	\$ 50,000.00	\$ 25,000.00	\$ 25,000.00				\$26,623.35				
Federal Cost Share Expended Per Unit (% of Total Cost per Unit):	29%	25%	25%	#DIV/0!	#DIV/0!	#DIV/0!	#REF!	#DIV/0!	#DIV/0!		
New Engine Information	New Engine Model Year:	2018	2023	2023				2022			
	New Engine Tier (nonroad, locomotive, and marine only):	Tier 2									
	Tier 4 Standards (Tier 4 only):	N/A	N/A	N/A							
	New Engine After-Treatment Technology (Tier 4 nonroad only):	No DPF, Yes SCR									
	New Engine Horsepower:	750	250	250				220			
	New Engine Duty Cycle (line-haul locomotive only):	N/A	N/A	N/A							
	New Engine Cylinder Displacement (liters per cylinder per engine; marine only):	5.0 <= size <15.0									
	New Engine Total Displacement (liters per engine; marine only):	N/A	N/A	N/A							
	New Engine Number of Cylinders (per engine; marine only):	N/A	n/a	n/a							
	New Engine Family Name:	ABC	MCEXH0408BCA	MCEXH0408BCA				NCEXH0408BCA			
New Engine Fuel Type:	ULSD (diesel)	ULSD (diesel)	ULSD (diesel)				ULSD (diesel)				
New Annual Vehicle Data	New Annual Idling Hours (hours per vehicle; on-highway only):	N/A	20	20				125			
	New Annual Hoteling Hours (hours per vehicle; class 8 long-haul combination only):	N/A	N/A	N/A							
	New Annual Fuel Volume (estimated gallons/year per engine):	6000	10656	10367				225			

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Grant Recipient	Arkansas E&E
Program FY(s)	Please include the fiscal year(s) covered in this final report
Grant Number	02F01001
Project Title	Go RED

Total EPA Funds Awarded	\$	1,208,131
Total Voluntary Matching Funds	\$	7,055
Total Mandatory Cost Share Amount	\$	353,339
Total Project Costs (Fed. + Cost Share)	\$	1,568,525
Federal (EPA) Funds Expended to Date	\$	-
Federal (EPA) Funds Remaining	\$	1,208,131

Table 14. Final Emissions - Actual Results

Record final project information for DEQ results. Each fiscal year of funding should be reported separately (emission results for the first fiscal year should be reported in the first results table and emission results from the second fiscal year should be reported in the second results table). Tip: Copy and paste results from the Diesel Emission Quantifer Results webpage or excel export file.

Please select fiscal year from the drop down menu.						
<u>Annual Results (short tons)</u>	NOx	PM2.5	HC	CO	CO2	Fuel
Baseline for Upgraded Vehicles/Engines						
Amount Reduced After Upgrades						
Percent Reduced After Upgrades						
<u>Lifetime Results (short tons)</u>						
Baseline for Upgraded Vehicles/Engines						
Amount Reduced After Upgrades						
Percent Reduced After Upgrades						
<u>Lifetime Cost Effectiveness (\$/short ton reduced)</u>						
Capital Cost Effectiveness (unit & labor costs only)						
Total Cost Effectiveness (includes all project costs)						

Please select fiscal year from the drop down menu.						
<u>Annual Results (short tons)</u>	NOx	PM2.5	HC	CO	CO2	Fuel
Baseline for Upgraded Vehicles/Engines						
Amount Reduced After Upgrades						
Percent Reduced After Upgrades						
<u>Lifetime Results (short tons)</u>						
Baseline for Upgraded Vehicles/Engines						
Amount Reduced After Upgrades						
Percent Reduced After Upgrades						
<u>Lifetime Cost Effectiveness (\$/short ton reduced)</u>						
Capital Cost Effectiveness (unit & labor costs only)						
Total Cost Effectiveness (includes all project costs)						

Table 15. Project Updates - Narrative Responses

Record final project information.

Please paste the planned activities, outputs, and outcome from the last quarterly report. Please indicate the final results below. Please select the fiscal year of funds used for the activity described in the table.

Fiscal Year	Activities	Anticipated Outputs	Anticipated Outcomes	ACTUAL Results
Please select fiscal year from the drop down menu.				
Please select fiscal year from the drop down menu.				

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Federal (EPA) Funds Expended to Date	\$	-
Federal (EPA) Funds Remaining	\$	1,208,131

Please select fiscal year from the drop down menu.				
Please select fiscal year from the drop down menu.				
Please select fiscal year from the drop down menu.				
Please select fiscal year from the drop down menu.				
Please select fiscal year from the drop down menu.				
Please select fiscal year from the drop down menu.				
Please select fiscal year from the drop down menu.				
Please select fiscal year from the drop down menu.				
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Please provide programmatic and narrative financial results on the project.

Question	Answer
Provide a narrative description of the project and summarize the accomplishments that occurred during the grant period.	
Did you award any rebates or subawards during the grant period? If so, list the recipients, how much funding they received, and the good/services provided.	
Provide a comparison of actual accomplishments with the anticipated outputs/outcomes and timelines/milestones specified in the original project Work Plan. This information may include: <input type="checkbox"/> Number of replaced or retrofitted engines/vehicles/equipment and/or hours of idling reduced; <input type="checkbox"/> Adoption of an idle-reduction policy or changes in driver behavior regarding idling practices <input type="checkbox"/> Dissemination of the project information and increased knowledge via list serves, websites, journals, and press/outreach events (provide web links where applicable); <input type="checkbox"/> Widespread adoption of the implemented technology; <input type="checkbox"/> Increased public awareness of project and results <input type="checkbox"/> Other	
If anticipated outputs/outcomes and/or timelines/milestones from the original submitted proposal were not met, why not? Did you encounter any problems during the grant period which may have precluded you from meeting the project objectives?	
How did you remedy any problems? Detail how and the date you had to address any problems that changed the original work plan and/or work plan schedule.	
Provide a narrative discussion of the successes and lessons learned for the entire project.	

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<p>If any cost-share funds are reported, identify the source of the funds.</p>	
<p>Was any program income generated during the project period? Identify amount of program income, how it was generated, and how the program income was used.</p>	
<p>For projects involving vehicle/equipment replacement and repowers provide: 1) Evidence that the replacement activity is an "early replacement," and would not have occurred during the project period through normal attrition (i.e. without the financial assistance provided by EPA). Supporting evidence can include verification that the vehicles or equipment replaced had useful life left and fleet characterization showing fleet age ranges and average turnover rates per the vehicle or fleet owner's budget plan, operating plan, standard procedures, or retirement schedule; and 2) Evidence of appropriate scrappage or remanufacture, including the engine serial number and/or the vehicle identification number (VIN). <i>*Include Attachments as Necessary</i></p>	
<p>For projects that take place in an area affected by, or that include affected vehicles, engines or equipment affected by, Federal, State or local law mandating emissions reductions, provide evidence that emission reductions funded with EPA funds were implemented prior to the effective date of the mandate and/or are in excess of (above and beyond) those required by the applicable mandate. <i>*Include Attachments as Necessary</i></p>	
<p>Did you include at least one photo of successful, new equipment(s) or vehicle(s) employed? If yes, please indicate if you approve of permission for EPA's future use of the photo(s) in future internal and external documents including, but not limited to Reports to Congress and case studies highlighting DERA success stories.</p>	

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<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>Do you have any other comments or feedback?</p>	

Subaward Reporting Requirements

Please provide subaward information on the project and an explanation in each cell below.

Question	Answer
Summaries of results of reviews of financial and programmatic reports.	
Summaries of findings from site visits and/or desk reviews to ensure effective subrecipient performance.	
Environmental results the subrecipient 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 200.332, 2 CFR 200.208 and the 2 CFR 200.339 Remedies for Noncompliance	

Fleet Description Data Fields: Please refer to the following data field dictionary for support in completing tab 8 (Fleet Description).

CURRENT VEHICLE AND ENGINE UPGRADE INFORMATION	
Basic Fleet Information	
Group Name	Enter the group name of the fleet.
Fleet Owner	Enter the first and last name of the individual or organization that owns the fleet.
Publicly or Privately Owned?	If the vehicles are part of a public fleet or benefit the public (i.e., a private school bus company contracted by a public school, garbage vehicles that serve a port; private construction equipment contracted to a public works project, etc) enter "Publicly", otherwise enter "Privately".
Place of Performance	Enter the next four fields for each vehicle's place(s) of performance.
- State(s):	Enter the two letter postal code for the state in which the vehicle(s) will operate.
- County(s):	Enter the county in which the vehicle(s) will operate.
- City(s):	Enter the city in which the vehicle(s) will operate.
- Zip Code(s):	Enter the zip code which the vehicle(s) will operate.
- % of Time operated in each Zip Code (Total to Equal 100%)	Enter the percent of time the vehicle group operates in each zip code, if there is more than one. For example, 80% of time in 85510 and 20% of time in 85308.
Equipment Type	Enter the vehicle type from the dropdown, OnRoad Vehicle, NonRoad Equipment, Locomotive, or Marine.
Target Fleet	Select the target fleet from the dropdown menu.
Class	Select from the dropdown menu the Vehicle/Equipment Class for onroad vehicles, as appropriate.
Vehicle or Engine Group Sector:	Using the drop down, enter the sector associated with the vehicle or engine group.
Vocation	Select the vocation type from the dropdown menu.
Quantity	Enter the number of vehicles defined in the group.
Current Vehicle Information	
Vehicle Identification Number(s):	Enter the Serial number or VIN number for each engine or vehicle
Vehicle Make	Enter the manufacturer of the existing vehicle
Vehicle Model	Enter the model of the existing vehicle
Baseline Vehicle Model Year:	Enter the model year of the existing vehicle.
Current Engine Information	
Engine Serial Number(s) :	Enter the engine Serial # for each vehicle or engine to be scrapped/replaced.
Engine Make:	Enter the manufacturer of the existing Engine.
Engine Model:	Enter the model of the existing Engine.
Engine Model Year:	Enter the model year of this engine set.
Engine Tier (nonroad, locomotive, and marine only):	For REPOWERS AND UPGRADES ONLY, Select from the dropdown menu the Current Tier Level.
Tier 4 Standards (Tier 4 only):	For tier 4 only engines, please use the drop down to indicate interim for final.
Engine After-Treatment Technology	Enter the appropriate drop down for collection on emission control technologies for the current engine.
Engine Horsepower:	Enter the average horsepower of the engine/equipment.
Engine Cylinder Displacement (liters/cylinder; marine only):	Enter the engine displacement per cylinder in liters.
Engine Number of Cylinders (# of cylinders per engine):	Enter the number of cylinders per engine.
Engine Total Displacement (liters per engine; marine only)	Enter the engine displacement per cylinder in liters.
Engine Family Name (if unregulated, then NA):	Enter the Engine Family name of the existing Engine. NOTE: unregulated engines will not have an Engine Family Name. Engine Optional for Idle Reduction, Aerodynamic Technology, Low Rolling Resistance Tires, and Fuels projects.
Baseline Engine Fuel Type:	Select the type of fuel that is currently being used (prior to any clean diesel activity change).
Total # of Propulsion Engines (per vessel; marine only):	Enter the total number of propulsion engines on the vessel.
Total # of Auxiliary Engines (per vessel; marine only):	Enter the total number of auxiliary engines on the vessel.
Current Annual Vehicle Data	
Annual Amount of Fuel Used (gallons/year per engine):	Enter the amount of fuel used in gallons/year.

Annual Usage Hours (hours per year per engine; includes idling hours; nonroad, locomotive, and marine only)	Enter the average number of hours the equipment is used per year.
Annual Miles Traveled (miles per vehicle; on-highway only):	Enter the average number of vehicle miles traveled per year per vehicle.
Annual Idling Hours (hours per engine; on-highway only):	Enter the average number of hours the vehicle idles per year.
Annual Hoteling Hours (hours per year per engine; class 8 long-haul combination only):	Enter the average number of hoteling hours per year, per engine.
Remaining Life of Baseline Engine/Vehicle (years per engine; total # of years of engine life remaining at time of upgrade action):	Enter the remaining life of baseline engine/vehicle in years at the time of the upgrade action
NEW VEHICLE AND ENGINE UPGRADE INFORMATION	
Upgrade Information	
Year of Upgrade Action:	Enter the year in which the upgrade will take place (i.e., if in 2010, you're replacing a 1995 bus with a 2007 bus, the upgrade year is 2010.)
Upgrade Type:	Enter the type of upgrade that will take place from the dropdown menu.
Upgrade Specific:	Using the drop down, enter the specific type of upgrade that will take place during the project.
Class (onroad vehicles):	Using the drop down list provided, select the appropriate vehicle class (for onroad vehicles only).
VIN for New Vehicle(s):	Please enter the vehicle identification numbers for the new vehicle(s) being replaced.
Total Cost per Unit (equipment cost plus labor):	Automated cell that will sum the upgrade equipment cost (row 55) and labor cost (row 56).
Upgrade Equipment Cost only per unit:	Enter the cost of the technology or equipment cost per unit.
Upgrade Labor Cost only per unit:	Enter the cost of installing or labor cost of the technology per unit.
Total Federal Funds Expended per Unit (\$ Total Cost per Unit):	Enter the federal funds expended in dollars per unit.
Federal Cost Share Expended per Unit (% Total Cost per Unit):	Automated cell that will calculate the federal cost share based upon the federal funds expended entered in row 57.
New Engine Information	
New Engine Model Year:	For REPLACEMENTS AND REPOWERS ONLY, Enter the model year of the new vehicle/engine.
New Engine Tier (nonroad, locomotive, and marine only):	For REPLACEMENTS, REPOWERS AND UPGRADES ONLY, Select from the dropdown menu the new Tier Level.
Tier 4 Standards (Tier 4 only):	For tier 4 only engines, please use the drop down to indicate interim for final.
New Engine After-Treatment Technology (Tier 4 nonroad only):	Enter the appropriate drop down for collection on emission control technologies for the new engine.
New Engine Horsepower:	Enter the new horsepower of the engine or equipment.
New Engine Duty Cycle (line-haul locomotive only):	Please enter the new engine duty cycle - for line-haul locomotive ONLY.
New Engine Cylinder Displacement (liters per cylinder per engine; marine only):	Enter the new engine displacement per cylinder in liters.
New Engine Total Displacement (liters per engine; marine only)	Select from the dropdown menu the displacement per cylinder in liters.
New Engine Number of Cylinders (per engine; marine only):	Enter the number of cylinders in the new engine.
New Engine Family Name:	For REPLACEMENTS AND REPOWERS ONLY, Enter the Engine Family Name of the new engine.
New Engine Fuel Type:	Select the type of fuel that is for the new engine or vehicle.
New Annual Vehicle Data	
Annual Idling Hours Reduced (hours per vehicle; on-highway only):	For IDLE REDUCTION STRATEGIES ONLY, Enter the average number of idling hours reduced for the engine.
Annual Hoteling Hours Reduced (hours per vehicle; class 8 long-haul combination only):	Enter the average number of hoteling hours per year, per engine.
New Annual Fuel Volume (estimated gallons/year per engine):	Please enter the new annual fuel volume, in gallons. New Annual Fuel Volume should be from new engine efficiency, not changes in use.