

VW Settlement Decree
State of Alaska Project 001 - FY17/FY18 DERA Genset Replacement - Semi Annual Report

Grant Recipient	Alaska Energy Authority
Grant Cycle	FY17/FY18 DERA Genset Replacement
Reporting Period	July 2021 - December 2021

CUMULATIVE WORKPLAN BUDGET	FY21
Running Total of VW Settlement Funds Disbursed to AEA	\$7,817,908.00
Interest Earned on VW Funds	\$12,933.26
Total VW Funds Obligated	\$7,817,908.00
Total VW Funds Expended	\$6,099,883.64
Total VW Funds On Hand	\$1,730,957.62

Summary of Project 001 Costs							
	Total Funds Obligated	Total Funds Expended	VW Mitigation Funds		AEA Match Funds (DC, EPA, & SOA appropriation)		Notes
			Obligated	Expended	Obligated	Expended	
Circle Electric	\$324,000.00	\$313,281.66	\$104,948.13	\$101,353.15	\$219,051.87	\$211,928.51	
Takotna Community Association	\$420,000.00	\$394,546.60	\$135,925.50	\$128,227.66	\$284,074.50	\$266,318.94	
Tuluksak Native Community	\$253,425.00	\$253,425.00	\$82,059.80	\$82,059.80	\$171,365.20	\$171,365.20	
Chignik Lake Village Council	\$342,000.00	\$342,000.12	\$110,776.57	\$110,776.57	\$231,223.43	\$231,223.55	
Administrative Costs	\$234,075.00	\$172,709.93	\$63,739.00	\$47,491.73	\$170,336.00	\$125,218.20	
RETURN TO VW TRUST							
Unused project funds							\$11,292.82
Unused administrative funds							\$16,247.27
Interest Earnings							\$3,654.85
TOTALS	\$1,573,500.00	\$1,475,963.31	\$497,449.00	\$469,908.91	\$1,076,051.00	\$1,006,054.40	\$31,194.94

Project Narrative	
Eligible Mitigation Actions	Project Status
Circle Electric	Two diesel engine gensets and switchgear were installed in August 2020. This project has been completed and a final report was submitted to EPA 12/30/21. This project will result in a reduction of 2.47 tons of NOx per year. This project was completed below budget; \$3,594.98 will be returned to Alaska's Trust Subaccount.
Takotna Community Association	Two diesel engine gensets and switchgear upgrades were installed in October 2020. This project has been completed and a final report was submitted to EPA 12/30/21. This project will result in a reduction of 1.88 tons of NOx per year. This project was completed below budget; \$7,697.84 will be returned to Alaska's Trust Subaccount.
Tuluksak Native Community	One diesel genset was replaced in December 2019. This project has been completed and a final report was submitted to EPA 12/30/21. This project will result in a reduction of 1.99 tons of NOx per year.
Chignik Lake Village Council	Two diesel engine gensets and switchgear upgrades were installed in September 2020. This project has been completed and a final report was submitted to EPA 12/30/21. This project will result in a reduction of 1.19 tons of NOx per year.
PROJECT COMPLETED	These projects have been completed. A final report was submitted to EPA 12/30/21 and is attached. The matching funds above reflect the matching funds that were obligated, expended and reported to the EPA for the DERA FY17/FY18 projects. These projects will result in a reduction of 7.53 tons of NOx per year. There is a \$27,540.09 balance plus \$3,654.85 interest earned that will be returned to the Trustee to be deposited into Alaska's Trust Subaccount.
This information is true and correct and the submission is made under penalty of perjury	 Betsy McGregor Preliminary Design and Environmental Manager
	1/31/22 Date

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

Grant Recipient	Alaska Energy Authority
Grant #	01J36001
Reporting Period	Final

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

WORKPLAN BUDGET	FY17	FY18
Total EPA Funds Awarded	\$335,024.00	\$411,150.00
Total Mandatory Cost-Share	\$139,593.00	\$137,050.00
Total Voluntary Matching Funds	\$276,583.00	\$274,100.00
Total Project Costs	\$751,200.00	\$822,300.00

	Federal Funds Expended	Mandatory Cost-Share Expended	Voluntary Match Expended	
			Voluntary Match - Other Funds	Other Funds
Personnel	\$64,879.63	\$28,970.27	\$42,880.30	\$4,664.96
Fringe Benefits				
Travel	\$6,064.38	\$2,372.89	\$4,284.35	\$461.40
Equipment				
Supplies				
Contractual	\$462.96	\$181.16	\$327.08	\$35.22
Subawards	\$600,559.39	\$234,491.35	\$422,417.18	\$45,785.34
Participant Support Costs (e.g., Rebates)				
Other				
Indirect Charges	\$17,125.45			
TOTALS	\$689,091.81	\$266,015.67	\$469,908.91	\$50,946.92

Question	Answer
Summarize the accomplishments that occurred during the grant period.	All four DERA projects are completed. Tuluksak received (1) new diesel genset, Circle received (2) new diesel gensets, Chignik Lake received (2) new diesel gensets and Takotna received (2) new diesel gensets. Additionally, the switchgear was significantly upgraded in Circle, Chignik Lake and Takotna. Circle experienced warranty issues, and as a result, two fuel injectors were replaced. On-going trouble shooting and fuel quality issues continue to be observed, but the project is operating as expected. Chignik Lake experienced an issue with the new generator end on #1. A new gen end is being shipped to Chignik Lake under suspected warranty.
Did you award any rebates or subawards during the grant 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 original project Work Plan.	AEA completed the tasks outlined in the work plan, replacing 6 diesel gensets with newer, cleaner prime power machines. All tasks and milestones have been met. This project was extended due to delays caused by Covid-19.
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?	Regulatory relief was a moving target, but has been signed into law. Waiting for regulatory relief delayed the projects, however, the work plan was amended to reflect the change. All project objectives have been met.
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.	AEA worked closely with our Project Officer and other EPA staff to push along the regulatory relief that was needed in Alaska. This close work kept everyone informed of the schedule changes needed to complete the project. Tuluksak did not need the regulatory relief to proceed due to the type of engine they were receiving. This project was put out on it's own in late 2019. In 2020 a global pandemic hit. Close work with the local communities to determine when it was safe to travel and where contractors could be located to cause no harm to the remote community members while on site was a constant discussion. Projects were completed in 2020, but left open for an additional year to ensure they were operating as expected.
Identify the source of any cost-share or additional leveraged funds reported for this grant period in Table 1 above.	Cost share funds come from Volkswagen Settlement funding and the Denali Commission. State capital funds will remain as the Mandatory Cost Share.
Was any program income generated during the grant period? Identify the amount of program income, how it was generated, and how the program income was used.	No
Did any public relations events regarding this grant take place during the reporting period? Briefly describe these events	No
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.	http://www.akenergyauthority.org/What-We-Do/Rural-Energy-Assistance/Diesel-Emission-Reduction-Act-DERA-Program

Table 3. Subaward Reporting Requirements	
Requirement	Response
Summaries of results of reviews of financial and programmatic reports	N/A
Summaries of findings from site visits and/or desk reviews to ensure effective subrecipient performance	N/A
Environmental results the subrecipient achieved	Results are reported under the "Marine Vessel" tabs and named by community.
Summaries of audit findings and related pass-through entity management decisions	N/A
Actions the pass-through entity has taken to correct deficiencies such as those specified at 2 CFR 200.331(e), 2 CFR 200.207 and the 2 CFR 200.338 Remedies for Noncompliance	N/A

Table 3: Summary of Total Emissions Reduction per Fiscal Year (Emission Reductions Created)					
Fiscal Year Funding	Project Name	Entity	EPA Funding Expended	Emission Reductions (tons/yr)	Emission Reductions (lifetime tons)
Fiscal Year 2017&2018	Circle	Circle Electric Company		HC: .11	HC: 1.13
				CO: .44	CO: 4.36
				NOx: 2.47	NOx: 24.71
				PM: 0.07	PM: 0.67
				CO ₂ : 351.4	CO ₂ : 3514.2
Fiscal Year 2017&2018	Takotna	Takotna Community Association		HC: 0.11	HC: 1.10
				CO: 0.27	CO: 2.71
				NOx: 1.88	NOx: 18.82
				PM: 0.06	PM: 0.62
				CO ₂ : 232.6	CO ₂ : 2325.9
Fiscal Year 2017&2018	Tuluksak	Tuluksak Traditional Power Utility		HC: 0.07	HC: 0.66
				CO: 0.40	CO: 3.97
				NOx: 1.99	NOx: 19.87
				PM: 0.04	PM: 0.40
				CO ₂ : 240.2	CO ₂ : 2401.8
Fiscal Year 2017&2018	Chignik Lake	Chignik Lake Electric Utility		HC: 0.05	HC: 0.54
				CO: 0.21	CO: 2.11
				NOx: 1.19	NOx: 11.87
				PM: 0.03	PM: 0.32
				CO ₂ : 177.50	CO ₂ : 1775.0

Instructions / Units	Fleet Information	Group 1	Group 2
	Fiscal Year of EPA Funds Used:	2017	
	Name of Vessel:	Tuluksak, AK	
Per Vessel	Total # of Propulsion Engines	0	
Per Vessel	Total # of Auxiliary Engines	1	
	Vehicle Or Engine Group Name:	Prime Power	
	Fleet Owner:	Tuluksak Traditional Power Utility	
	Application:	Other	
	Primary Place of Performance	Tuluksak	
	- State(s):	Alaska	
	- County:		
	- City:	Tuluksak	
	- Zip Code:	99645	
	Engine Group Type:	auxilliary	
Number of engines in group	Quantity:	1	
	Engine Serial Number(s):	RG6076A153166	
	Engine Make:	John Deere	
	Engine Model:	6076AF00 Noncertified	
	Engine Model Year:	2012	
	Engine Tier:	Tier 2	
	Engine Horsepower:	235.1723814	
Liters per cylinder per engine	Engine Cylinder Displacement:	1.2 <= size <2.5	
Per engine	Engine Number of Cylinders:	6	
Liters per engine	Engine Total Displacement:	7.6 liters	
If unregulated, then NA	Engine Family Name:	N/A	
	Engine Fuel Type:	ULSD	
Gallons per year per engine	Annual Amount of Fuel Used:	23210	
Hours per year per engine	Annual Usage Rate:	1.3 GPH	
Years; Total number of years of engine life remaining at time of upgrade action	Remaining Life:	3	
Year in which engines would normally be retired/sold by the fleet owner if not for the grant	Normal Attrition Year:	2022	
	Year of Upgrade Action:	2019	
	Upgrade Type:	Engine Replacement	
	Upgrade:	Engine Replacement - Diesel	
Equipment price not including labor/installation	Upgrade Cost Per Unit:	194200	
Labor cost for installation	Upgrade Labor Cost Per Unit:		
	New Engine Model Year:	2013	
	New Engine Tier:	Tier 3	
Per engine	New Engine Horsepower:	223	
Liters per cylinder	New Engine Cylinder Displacement:	0.9 <= size < 1.2	
Per engine	New Engine Number of Cylinders:	6	
Liters per engine	New Engine Total Displacement:	6.8 liters	
	New Engine Family Name:	DJDXN06.8148	
	New Engine Fuel Type:	ULSD	
Gallons per year per engine	Annual Diesel Gallons Reduced:	1860 gallons	

Instructions / Units	Fleet Information	Group 1	Group 2
	Fiscal Year of EPA Funds Used:	2017/2018	2017/2018
	Name of Vessel:	Circle, Alaska	Circle, Alaska
Per Vessel	Total # of Propulsion Engines	0	0
Per Vessel	Total # of Auxiliary Engines	1	1
	Vehicle Or Engine Group Name:	Prime Power	Prime Power
	Fleet Owner:	Circle Electric, LLC	Circle Electric, LLC
	Application:	other	other
	Primary Place of Performance	Circle	Circle
	- State(s):	Alaska	Alaska
	- County:		
	- City:	Circle	Circle
	- Zip Code:	99733	99733
	Engine Group Type:	auxilliary	auxilliary
Number of engines in group	Quantity:	1	1
	Engine Serial Number(s):	SE4045L462531	8N5751
	Engine Make:	John Deere	Caterpillar
	Engine Model:	4045HF285 NR Tier 3	3304 Noncertified
	Engine Model Year:	2015	1984
	Engine Tier:	Tier 3	NonCertified
	Engine Horsepower:	158	160
Liters per cylinder per engine	Engine Cylinder Displacement:	0.9 <= size < 1.2	0.9 <= size < 1.2
Per engine	Engine Number of Cylinders:	4	4
Liters per engine	Engine Total Displacement:	4.5 liters	7 liters
If unregulated, then NA	Engine Family Name:	N/A	N/A
	Engine Fuel Type:	ULSD	ULSD
Gallons per year per engine	Annual Amount of Fuel Used:	17745 gallons	17745 gallons
Hours per year per engine	Annual Usage Rate:	4.1 GPH	4.1 GPH
Years; Total number of years of engine life remaining at time of upgrade action	Remaining Life:	6	5
Year in which engines would normally be retired/sold by the fleet owner if not for the grant	Normal Attrition Year:	2024	2023
	Year of Upgrade Action:	2020	2020
	Upgrade Type:	Engine Replacement	Engine Replacement
	Upgrade:	Engine Replacement - Diesel	Engine Replacement - Diesel
Equipment price not including labor/installation	Upgrade Cost Per Unit:	\$256,307	\$256,307
Labor cost for installation	Upgrade Labor Cost Per Unit:		
	New Engine Model Year:	2020	2020
	New Engine Tier:	Tier 3	Tier 3
Per engine	New Engine Horsepower:	148	148
Liters per cylinder	New Engine Cylinder Displacement:	0.9 <= size < 1.2	0.9 <= size < 1.2
Per engine	New Engine Number of Cylinders:	4	4
Liters per engine	New Engine Total Displacement:	4.5 liters	4.5 liters
	New Engine Family Name:	LJDXN06.8148	LJDXN06.8148
	New Engine Fuel Type:	ULSD	ULSD
Gallons per year per engine	Annual Diesel Gallons Reduced:	1456	1456

Instructions / Units	Fleet Information	Group 1	Group 2
	Fiscal Year of EPA Funds Used:	2017/2018	2017/2018
	Name of Vessel:	Chignik Lake, AK	Chignik Lake, AK
Per Vessel	Total # of Propulsion Engines	0	0
Per Vessel	Total # of Auxiliary Engines	1	1
	Vehicle Or Engine Group Name:	Prime Power	Prime Power
	Fleet Owner:	Chignik Lake Village Council	Chignik Lake Village Council
	Application:	Other	Other
	Primary Place of Performance	Chignik Lake	Chignik Lake
	- State(s):	Alaska	Alaska
	- County:		
	- City:	Chignik Lake	Chignik Lake
	- Zip Code:	99548	99548
	Engine Group Type:	auxilliary	auxilliary
Number of engines in group	Quantity:	1	1
	Engine Serial Number(s):	RG6081A100210	PE4045T442624
	Engine Make:	John Deere	John Deere
	Engine Model:	6081AF001 - NR Tier 1	4045T250 - Noncertified
	Engine Model Year:	2000	2005
	Engine Tier:	Tier 1	NonCetified
	Engine Horsepower:	300	134
Liters per cylinder per engine	Engine Cylinder Displacement:	1.2 <= size <2.5	0.9 <= size < 1.2
Per engine	Engine Number of Cylinders:	6	4
Liters per engine	Engine Total Displacement:	8.1 liters	4.5 liters
If unregulated, then NA	Engine Family Name:	YJDXL08.1008	N/A
	Engine Fuel Type:	ULSD	ULSD
Gallons per year per engine	Annual Amount of Fuel Used:	8443	8443
Hours per year per engine	Annual Usage Rate:	3.86 GPH	3.86 GPH
Years; Total number of years of engine life remaining at time of upgrade action	Remaining Life:	5	5
Year in which engines would normally be retired/sold by the fleet owner if not for the grant	Normal Attrition Year:	2023	2023
	Year of Upgrade Action:	2020	2020
	Upgrade Type:	Engine Replacement	Engine Replacement
	Upgrade:	Engine Replacement - Diesel	Engine Replacement - Diesel
Equipment price not including labor/installation	Upgrade Cost Per Unit:	\$237,655	\$237,655
Labor cost for installation	Upgrade Labor Cost Per Unit:		
	New Engine Model Year:	2019	2020
	New Engine Tier:	Tier 3	Tier 3
Per engine	New Engine Horsepower:	223	98
Liters per cylinder	New Engine Cylinder Displacement:	0.9 <= size < 1.2	0.9 <= size < 1.2
Per engine	New Engine Number of Cylinders:	6	4
Liters per engine	New Engine Total Displacement:	6.8 liters	4.5 liters
	New Engine Family Name:	KJDXN06.8148	LJDXN04.5146
	New Engine Fuel Type:	ULSD	ULSD
Gallons per year per engine	Annual Diesel Gallons Reduced:	653	653

Instructions / Units	Fleet Information	Group 1	Group 2
	Fiscal Year of EPA Funds Used:	2017	2017
	Name of Vessel:	Takotna, AK	Takotna, AK
Per Vessel	Total # of Propulsion Engines	0	0
Per Vessel	Total # of Auxiliary Engines	1	1
	Vehicle Or Engine Group Name:	Prime Power	Prime Power
	Fleet Owner:	Takotna Community Association	Takotna Community Association
	Application:	Other	Other
	Primary Place of Performance	Takotna	Takotna
	- State(s):	Alaska	Alaska
	- County:		
	- City:	Takotna	Takotna
	- Zip Code:	99675	99675
	Engine Group Type:	auxilliary	auxilliary
Number of engines in group	Quantity:	1	1
	Engine Serial Number(s):	TO4039T482449	PE3029T446639
	Engine Make:	John Deere	John Deere
	Engine Model:	4039TF002 Noncertified	3029TF150 Noncertified
	Engine Model Year:	1993	2005
	Engine Tier:	Non-Certified	Non Certified
	Engine Horsepower:	100	64
Liters per cylinder per engine	Engine Cylinder Displacement:	0.9 <= size < 1.2	0.9 <= size < 1.2
Per engine	Engine Number of Cylinders:	4	3
Liters per engine	Engine Total Displacement:	3.9 liters	2.9 liters
If unregulated, then NA	Engine Family Name:	N/A	N/A
	Engine Fuel Type:	ULSD	ULSD
Gallons per year per engine	Annual Amount of Fuel Used:	9926	9926
Hours per year per engine	Annual Usage Rate:	2.83 GPH	2.83 GPH
Years; Total number of years of engine life remaining at time of upgrade action	Remaining Life:	5	5
Year in which engines would normally be retired/sold by the fleet owner if not for the grant	Normal Attrition Year:	2023	2023
	Year of Upgrade Action:	2020	2020
	Upgrade Type:	Engine Replacement	Engine Replacement
	Upgrade:	Engine Replacement - Diesel	Engine Replacement - Diesel
Equipment price not including labor/installation	Upgrade Cost Per Unit:	194200	194200
Labor cost for installation	Upgrade Labor Cost Per Unit:		
	New Engine Model Year:	2020	2020
	New Engine Tier:	Tier 3	Tier 3
Per engine	New Engine Horsepower:	99	99
Liters per cylinder	New Engine Cylinder Displacement:	0.9 <= size < 1.2	0.9 <= size < 1.2
Per engine	New Engine Number of Cylinders:	4	4
Liters per engine	New Engine Total Displacement:	4.5 Liters	4.5 Liters
	New Engine Family Name:	LJDXN04.5146	LJDXN04.5146
	New Engine Fuel Type:	ULSD	ULSD
Gallons per year per engine	Annual Diesel Gallons Reduced:	1209	1209

FEDERAL FINANCIAL REPORT

(Follow form instructions)

1. Federal Agency and Organizational Element to Which Report is Submitted United States Environmental Protection Agency		2. Federal Grant or Other Identifying Number Assigned by Federal Agency (To report multiple grants, use FFR Attachment) <div style="text-align: center; font-size: 1.2em;">DS-01J36001-4</div>			Page	of	
					1	1	
3. Recipient Organization (Name and complete address including Zip code) <div style="text-align: center;"> Alaska Energy Authority 813 West Northern Lights Boulevard Anchorage, AK 99503-2407 </div>							
4a. DUNS Number 0540726080000	4b. EIN 92-6001185	5. Recipient Account Number or Identifying Number (To report multiple grants, use FFR Attachment) Project Code 350331	6. Report Type <input type="checkbox"/> Quarterly <input type="checkbox"/> Semi-Annual <input type="checkbox"/> Annual <input checked="" type="checkbox"/> Final	7. Basis of Accounting <input type="checkbox"/> Cash <input checked="" type="checkbox"/> Accrual			
8. Project/Grant Period From: (Month, Day, Year) <div style="text-align: center;">10/1/2017</div>		To: (Month, Day, Year) <div style="text-align: center;">9/30/2021</div>		9. Reporting Period End Date (Month, Day, Year) <div style="text-align: center;">9/30/2021</div>			
10. Transactions					Cumulative		
<i>(Use lines a-c for single or multiple grant reporting)</i>							
Federal Cash (To report multiple grants, also use FFR Attachment):							
a. Cash Receipts							
b. Cash Disbursements							
c. Cash on Hand (line a minus b)							
<i>(Use lines d-o for single grant reporting)</i>							
Federal Expenditures and Unobligated Balance:							
d. Total Federal funds authorized					\$746,174.00		
e. Federal share of expenditures					\$689,091.81		
f. Federal share of unliquidated obligations							
g. Total Federal share (sum of lines e and f)					\$689,091.81		
h. Unobligated balance of Federal funds (line d minus g)					\$57,082.19		
Recipient Share:							
i. Total recipient share required					\$827,326.00		
j. Recipient share of expenditures					\$786,871.50		
k. Remaining recipient share to be provided (line i minus j)					\$40,454.50		
Program Income:							
l. Total Federal program income earned							
m. Program income expended in accordance with the deduction alternative							
n. Program income expended in accordance with the addition alternative							
o. Unexpended program income (line l minus line m or line n)							
11. Indirect Expense	a. Type	b. Rate	c. Period From	Period To	d. Base	e. Amount Charged	f. Federal Share
	Predetermined	10% de Minimis - 2CFR.414(f)	10/1/2017	9/30/2021	See attached calc	\$17,125.45	\$17,125.45
g. Totals:						\$17,125.45	\$17,125.45
12. Remarks: Attach any explanations deemed necessary or information required by Federal sponsoring agency in compliance with governing legislation: AEA utilizes the 10% de Minimis rate allowed under 2CFR.414(f). See attached spreadsheet with indirect cost calculation.							
13. Certification: By signing this report, I certify that it is true, complete, and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent information may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)							
a. Typed or Printed Name and Title of Authorized Certifying Official <div style="text-align: center;">Dona Keppers, AIDEA/AEA CFO</div>				c. Telephone (Area code, number and extension) <div style="text-align: right;">907-771-3000</div>			
b. Signature of Authorized Certifying Official 				d. Email address <div style="text-align: right;">dkeppers@aidea.org</div>			
				e. Date Report Submitted (Month, Day, Year) <div style="text-align: right; color: blue;">12/22/21</div>			
14. Agency use only: Federal Share Calculation 46.69%							

Standard Form 425
 OMB Approval Number: 0348-0061
 Expiration Date: 02/28/2015

Paperwork Burden Statement

According to the Paperwork Reduction Act, as amended, no persons are required to respond to a collection of information unless it displays a valid OMB Control Number. The valid OMB control number for this information collection is 0348-0061. Public reporting burden for this collection of information is estimated to average 1.5 hours per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0060), Washington, DC 20503.

Summary Trial Balance

Friday, December 17, 2021 4:16 PM

Includes Activities from January 1, 2001 to December 31, 2021

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AIDEA and/or AEA

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Accounts without activities during the above period are not included.

G/L Account: No.: 7*, Global Dimension 2 Filter: <>599995, Transaction Type Filter: Actual, Fund Filter: E*, Global Dimension 4 Filter: ???1????, Global Dimension 5 Filter: 22000

G/L Entry: Entry No.: 1..2993317, Closing Entry: No

Beginning Balances are set to zero due to existence of G/L Entry filters.

No.	Name	Beginning Balance	Total Debit Activities	Total Credit Activities	Ending Balance
Account: 72250	Field Travel-In State	Beginning Balan			0.00
72250	Field Travel-In State		4,807.58	59.80	4,747.78
Account: 72508	Field Per Diem-In State	Beginning Balan			0.00
72508	Field Per Diem-In State		1,316.60		1,316.60
Account: 73141	Legal Services-SOA	Beginning Balan			0.00
73141	Legal Services-SOA		152.45		152.45
Account: 73150	AIDEA Staff-Prof Services	Beginning Balan			0.00
73150	AIDEA Staff-Prof Services		66,035.33	1,155.70	64,879.63
Account: 73906	Other Fees & Expenses	Beginning Balan			0.00
73906	Other Fees & Expenses		310.51		310.51
Account: 77530	Subrec Grant-AEA Mngd Contract	Beginning Balan			0.00
77530	Subrec Grant-AEA Mngd Contract		597,855.06		597,855.06
Account: 77540	Subrec Grant-AEA Mngd Freight	Beginning Balan			0.00
77540	Subrec Grant-AEA Mngd Freight		36.08	14.30	21.78
Account: 77550	Subrec Grant-AEA Mngd Parts & Materi	Beginning Balan			0.00
77550	Subrec Grant-AEA Mngd Parts & Materi		2,682.55		2,682.55
	Report Totals	0.00	673,196.16	1,229.80	671,966.36

Summary Trial Balance

Friday, December 17, 2021 4:42 PM

Includes Activities from January 1, 2001 to December 31, 2021

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AIDEA and/or AEA

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Accounts without activities during the above period are not included.

G/L Account: No.: 7*, Global Dimension 2 Filter: 350331|350340|350341|350342|350343, Transaction Type Filter: Actual, Fund Filter: E*, Global Dimension 4 Filter: 10170001, Global Dimension 5 Filter: 32000

G/L Entry: Entry No.: 1..2993317, Closing Entry: No

Beginning Balances are set to zero due to existence of G/L Entry filters.

No.	Name	Beginning Balance	Total Debit Activities	Total Credit Activities	Ending Balance
Account: 72250	Field Travel-In State	Beginning Balan			0.00
72250	Field Travel-In State		3,396.52	42.25	3,354.27
Account: 72508	Field Per Diem-In State	Beginning Balan			0.00
72508	Field Per Diem-In State		930.08		930.08
Account: 73141	Legal Services-SOA	Beginning Balan			0.00
73141	Legal Services-SOA		107.71		107.71
Account: 73150	AIDEA Staff-Prof Services	Beginning Balan			0.00
73150	AIDEA Staff-Prof Services		43,696.82	816.52	42,880.30
Account: 73906	Other Fees & Expenses	Beginning Balan			0.00
73906	Other Fees & Expenses		219.37		219.37
Account: 77530	Subrec Grant-AEA Mngd Contract	Beginning Balan			0.00
77530	Subrec Grant-AEA Mngd Contract		420,589.54	83.01	420,506.53
Account: 77540	Subrec Grant-AEA Mngd Freight	Beginning Balan			0.00
77540	Subrec Grant-AEA Mngd Freight		15.38		15.38
Account: 77550	Subrec Grant-AEA Mngd Parts & Materi	Beginning Balan			0.00
77550	Subrec Grant-AEA Mngd Parts & Materi		1,917.31	22.04	1,895.27
	Report Totals	0.00	470,872.73	963.82	469,908.91

Summary Trial Balance

Friday, December 17, 2021 4:35 PM

Includes Activities from January 1, 2001 to December 31, 2021

Page 1

AIDEA and/or AEA



AEAMAINOBERKLUND

Accounts without activities during the above period are not included.

G/L Account: No.: 7*, Global Dimension 2 Filter: 350331|350340|350341|350342|350343, Transaction Type Filter: Actual, Fund Filter: E*, Global Dimension 4 Filter: 2222222, Global Dimension 5 Filter: 21270

G/L Entry: Entry No.: 1..2993317, Closing Entry: No

Beginning Balances are set to zero due to existence of G/L Entry filters.

No.	Name	Beginning Balance	Total Debit Activities	Total Credit Activities	Ending Balance
Account: 72250	Field Travel-In State	Beginning Balan			0.00
72250	Field Travel-In State		365.79	4.55	361.24
Account: 72508	Field Per Diem-In State	Beginning Balan			0.00
72508	Field Per Diem-In State		100.16		100.16
Account: 73141	Legal Services-SOA	Beginning Balan			0.00
73141	Legal Services-SOA		11.60		11.60
Account: 73150	AIDEA Staff-Prof Services	Beginning Balan			0.00
73150	AIDEA Staff-Prof Services		4,752.88	87.92	4,664.96
Account: 73906	Other Fees & Expenses	Beginning Balan			0.00
73906	Other Fees & Expenses		23.62		23.62
Account: 77530	Subrec Grant-AEA Mngd Contract	Beginning Balan			0.00
77530	Subrec Grant-AEA Mngd Contract		45,236.40		45,236.40
Account: 77540	Subrec Grant-AEA Mngd Freight	Beginning Balan			0.00
77540	Subrec Grant-AEA Mngd Freight		1.66		1.66
Account: 77550	Subrec Grant-AEA Mngd Parts & Materi	Beginning Balan			0.00
77550	Subrec Grant-AEA Mngd Parts & Materi		547.28		547.28
	Report Totals	0.00	51,039.39	92.47	50,946.92

Summary Trial Balance

Monday, December 20, 2021 1:41 PM

Includes Activities from January 1, 2001 to December 31, 2021

Page 1

AIDEA and/or AEA

AEAMAINOBERKLUND



Accounts without activities during the above period are not included.

G/L Account: No.: 7*, Global Dimension 2 Filter: 599995, Transaction Type Filter: Actual, Fund Filter: E*, Global Dimension 5 Filter: 33089

G/L Entry: Closing Entry: No

Beginning Balances are set to zero due to existence of G/L Entry filters.

No.	Name	Beginning Balance	Total Debit Activities	Total Credit Activities	Ending Balance
Account: 73150	AIDEA Staff-Prof Services	Beginning Balan			0.00
73150	AIDEA Staff-Prof Services		17,409.81	284.36	17,125.45
	Report Totals	0.00	17,409.81	284.36	17,125.45

SUMMARY BY EXPENSE CATEGORY

Prior Posting Dates 01/01/01..09/30/2021
Prior Entry No's 1..2972860|2993732..2993737
Curr Posting Dates 01/01/01..12/31/2021
Curr Entry No's 2972861..2993317|2993762..2993767
Gap Posting Date 10/01/2021..12/31/2021
Fund No's E1200..E9999|T2983..T2986|Z2100..Z2300
Contract No's 33089
Contract AR No's ???11????
Match AR No's ??13????|??14????

EPA

Expense Category	Budget	Previous Expenditures	Expenditures This Period	Total Expended
Personnel Services	71,216.00	62,007.47	2,872.16	64,879.63
Travel	22,920.00	5,843.25	221.13	6,064.38
Contractual Services	0.00	462.96	0.00	462.96
Commodities	0.00	0.00	0.00	0.00
Grant Benefits	605,647.65	588,444.94	12,114.45	600,559.39
Indirect Charges	34,000.00	16,816.12	309.33	17,125.45
Total	733,783.65	673,574.74	15,517.07	689,091.81

STATE

Match Budget	Previous Match	Match This Period	Total Match
26,793.00	27,846.42	1,123.85	28,970.27
8,804.00	2,286.36	86.53	2,372.89
0.00	181.16	0.00	181.16
0.00	0.00	0.00	0.00
236,482.46	229,750.91	4,740.44	234,491.35
0.00	0.00	0.00	0.00
272,079.46	260,064.85	5,950.82	266,015.67

SUMMARY BY EXPENSE CATEGORY

Prior Posting Dates 01/01/01..09/30/2021
Prior Entry No's 1..2972860
Curr Posting Dates 01/01/01..12/31/2021
Curr Entry No's 2972861..2993317
Gap Posting Date 10/01/2021..12/31/2021
Fund No's E1200..E9999|T2983..T2986|Z2100..Z2300
Contract No's 33090
Contract AR No's 19170001
Match AR No's <>19170001

VW

Expense Category	Budget	Previous Expenditures	Expenditures This Period	Total Expended
Personnel Services	48,231.00	40,851.13	2,029.17	42,880.30
Travel	15,508.00	4,128.12	156.23	4,284.35
Contractual Services	0.00	327.08	0.00	327.08
Commodities	0.00	0.00	0.00	0.00
Grant Benefits	426,012.16	413,858.07	8,559.11	422,417.18
Indirect Charges	0.00	0.00	0.00	0.00
Total	489,751.16	459,164.40	10,744.51	469,908.91

SUMMARY BY EXPENSE CATEGORY

Prior Posting Dates 01/01/01..09/30/2021
Prior Entry No's 1..2972860
Curr Posting Dates 01/01/01..12/31/2021
Curr Entry No's 2972861..2993317
Gap Posting Date 10/01/2021..12/31/2021
Fund No's E1200..E9999|T2983..T2986|Z2100..Z2300
Contract No's 31379
Contract AR No's 13110015|14110015
Match AR No's <>13110015&<>14110015
Project No's 350331|350340|350341|350342|350343

DC

Expense Category	Budget	Previous Expenditures	Expenditures This Period	Total Expended
Personnel Services	4,835.00	4,446.41	218.55	4,664.96
Travel	1,768.00	444.58	16.82	461.40
Contractual Services	0.00	35.22	0.00	35.22
Commodities	0.00	0.00	0.00	0.00
Grant Benefits	45,829.33	44,863.59	921.75	45,785.34
Indirect Charges	0.00	0.00	0.00	0.00
Total	52,432.33	49,789.80	1,157.12	50,946.92

**ALASKA ENERGY AUTHORITY
INDIRECT COST CALCULATION - EPA DS-01J36001
ENTRY # 2993317 - PE 09/30/2021 FINAL**

PER CONVERSATION WITH REBECCA GARRETT ON 04/19/2019 - INDIRECTS ARE BASED ON 10% OF AEA EMPLOYEE TIME/TRAVEL + 10% OF THE FIRST \$25,000 OF EACH GRANT AND PROCUREMENT CONTRACT. THERE ARE 4 GRANTS IN PROCESS, ONE PROCUREMENT CONTRACT HAS BEEN EXECUTED, AND AT LEAST ONE (POSSIBLY TWO) ADDITIONAL PROCUREMENT CONTRACTS ARE PLANNED. THE INDIRECT BUDGET AMOUNT IS MOST LIKELY ABOUT \$5K HIGHER THAN WE WILL COLLECT.

Ctl. Fund No.	Posting Date	Entry No.	G/L Account No.	Fund No.	Transaction Type	External Document No.	Description	Ar Code	Contract Code	Project Code	Stage Code	Amount	Department Code	Award Code	FINANCE TYPE	Source No.	G/L Register No.	Document No.	User ID				
Grant #1 - CIRCLE DERA - PRIOR BALANCE												138,438.78											
E2701	7/1/2021	2979799	77530	E2830	Actual	3023235	04/2021 Fuel Testing for Circle DERA	14110015	33089	350340	00	534.76		7110054									
E2701	9/30/2021	2988898	77530	E2830	Actual	1183	09/2021 Filter install/injector replace/engine exam	14110015	33089	350340	00	5,001.88		7110054			INLETE	273606	PP1134715	AEAMAIN\FGALVEZ			
E2701	9/30/2021	2988927	77550	E2830	Actual	1184	Replacement Filters for Circle DERA	14110015	33089	350340	00	393.91		7110054			49THST	274047	PP1135001	AEAMAIN\AGREEN			
Total Grant #1 - CIRCLE DERA												144,369.33		<i>Ties to TB</i>									
Indirect Cost												2,500.00		(10% of first \$25,000)									
Grant #2 - TAKOTNA DERA - PRIOR BALANCE												181,491.44											
Total Grant #2 - TAKOTNA DERA												181,491.44		<i>Ties to TB</i>									
Indirect Cost												2,500.00		(10% of first \$25,000)									
Grant #3 - TULUKSAK DERA - PRIOR BALANCE												116,935.46											
Total Grant #3 - TULUKSAK DERA												116,935.46		<i>Ties to TB</i>									
Indirect Cost												2,500.00		(10% of first \$25,000)									
Grant #4 - CHIGNIK LAKE DERA - PRIOR BALANCE												151,579.26											
E2830	12/3/2021	2988476	77530	E2830	Actual	T24452-2	T24452 RECL CHIGNIK LAKE DERA ST TO FED	14110015	33089	350343	24	6,183.90		7110055			273961	GJ098380	AEAMAIN\JBROWN				
Total Grant #4 - CHIGNIK LAKE DERA												157,763.16		<i>Ties to TB</i>									
Indirect Cost												2,500.00		(10% of first \$25,000)									
AEA PROJECT MANAGEMENT - PRIOR BALANCE												68,161.23											
A1101	9/30/2021	2990898	72250	E2830	Actual	REGTRAV004	Garrett 21-096 09/10 IRC	13110015	33089	350331	00	150.29					274145	GJ098426	AEAMAIN\OBERKLUND				
A1101	9/30/2021	2990910	72508	E2830	Actual	REGTRAV004	Garrett 21-096 09/10 IRC	13110015	33089	350331	00	70.84					274145	GJ098426	AEAMAIN\OBERKLUND				
E2830	9/30/2021	2990193	73150	E2830	Actual	SEP21PR#3	Timesheet for REBECCA GARRETT - 09/06/21	13110015	33089	350331	00	327.58	RPO		785010000	GARRR	274132	GJ098417	AEAMAIN\OBERKLUND				
E2830	9/30/2021	2990194	73150	E2830	Actual	SEP21PR#3	Timesheet for JUSTIN J. TUOMI - 09/06/21	13110015	33089	350331	00	42.74	RPO		785010000	TUOMJ	274132	GJ098417	AEAMAIN\OBERKLUND				
E2830	9/30/2021	2990195	73150	E2830	Actual	SEP21PR#3	Timesheet for REBECCA GARRETT - 09/20/21	13110015	33089	350331	00	760.44	RPO		785010000	GARRR	274132	GJ098417	AEAMAIN\OBERKLUND				
E2830	9/30/2021	2990196	73150	E2830	Actual	SEP21PR#3	Timesheet for KYLER S. KILLMER - 09/20/21	13110015	33089	350331	00	25.60	RPO		785010000	KILLK	274132	GJ098417	AEAMAIN\OBERKLUND				
E2830	9/30/2021	2990197	73150	E2830	Actual	SEP21PR#3	Timesheet for JUSTIN J. TUOMI - 09/20/21	13110015	33089	350331	00	64.11	RPO		785010000	TUOMJ	274132	GJ098417	AEAMAIN\OBERKLUND				
E2830	9/30/2021	2990198	73150	E2830	Actual	SEP21PR#3	Timesheet for REBECCA GARRETT - 09/30/21	13110015	33089	350331	00	350.98	RPO		785010000	GARRR	274132	GJ098417	AEAMAIN\OBERKLUND				
E2830	9/30/2021	2990199	73150	E2830	Actual	SEP21PR#3	Timesheet for KYLER S. KILLMER - 09/30/21	13110015	33089	350331	00	1,279.34	RPO		785010000	KILLK	274132	GJ098417	AEAMAIN\OBERKLUND				
E2830	9/30/2021	2990200	73150	E2830	Actual	SEP21PR#3	Timesheet for JUSTIN J. TUOMI - 09/30/21	13110015	33089	350331	00	21.37	RPO		785010000	TUOMJ	274132	GJ098417	AEAMAIN\OBERKLUND				
Total AEA Project Management												71,254.52		<i>Ties to TB</i>									
Indirect Cost												7,125.45		(10% of AEA Project Management)									
Total Indirects for Project												17,125.45											
Indirects Previously Billed												16,009.01											
Total Indirects for SF270												1,116.44											
Total EPA Expenditures (Sum)												671,966.36		<i>Bal Chg</i>									
Total EPA Expenditures (TB)												671,966.36											
Expenditures Previously Reimbursed												646,468.85											
Current Reimbursement Amount												25,497.51											
E2701	1/31/2019	2584472	73141	E2830	Actual	100029305	01/19 FY19 AEA Internal Legal Svcs PR#6	13110015	33089	350331	00	152.45	000				SOA-LAW	248444	PP1121786	AEAMAIN\OBERKLUND			
Total expenditures not included indirect calculation												152.45											

Category	Budget	Est. IDCR**	Budg. IDCR	Diff
Personal Svcs	91,216.00	9,121.60	9,121.60	-
Travel	22,920.00	2,292.00	2,292.00	-
Grant Benefits**	271,604.00	17,500.00	22,586.40	5,086.40
Total	385,740.00	28,913.60	34,000.00	5,086.40

**Est. IDCR for Grant Benefits is based on 4 grants x \$2,500 per grant plus 3 procurement contracts x \$2,500 per contract. One procurement contract has been executed and the Project Manager is expecting at least one, possibly two additional procurements.

Project Title: FFY17/18 EPA DERA AK Clean Diesel Project
 Project No: 350331|350340|350341|350342|350343
 Posting Dates: 01/01/01..12/31/2021

Purchase Orders Encumbered																			
Document No.	Line No.	Order No.	Name	G/L Acct	Description	Original	Spent	Remaining	Fund	AR Code	Contract	Stage	Award	Status	Last Invoice Date/ Encumbered Date				
PO010250	10000	20053	STURGEON ELECTRIC COMPANY, INC	77530	Chignik Lake DERA	24,028.00	0.00	24,028.00	E2830	19140015	00000	24	7110055	Approved					
						24,028.00	0.00	24,028.00											
						Total Shoud Be Per PO Table		24,028.00	0.00	Edit Chk									
Purchase Requests Committed																			
RQ. No.	RQ Ln No.	Posting Description			G/L Acct	Description	Requested For	Posting Date	Amount	Fund	AR Code	Contract	Stage	Award	Status				
									0.00										
									Total Shoud Be Per REquisitionTable		0.00	0.00	Edit Chk						
									Total Purchase Orders and Requests		24,028.00								

This commitment is not tied to the DERA award.

**VW Settlement Decree
State of Alaska Project 002 - Public Transit Bus Replacement - Semi Annual Report**

Grant Recipient	Alaska Energy Authority
Grant Cycle	Public Transit Bus Replacement
Reporting Period	July 2021 - December 2021

CUMULATIVE WORKPLAN BUDGET	FY21
Running Total of VW Settlement Funds Disbursed to AEA	\$7,817,908.00
Interest Earned on VW Funds	\$12,933.26
Total VW Funds Obligated	\$7,817,908.00
Total VW Funds Expended	\$6,099,883.64
Total VW Funds On Hand	\$1,730,957.62

Summary of Project 002 Costs							
	Total Funds Obligated	Total Funds Expended	VW Mitigation Funds		Match Funds		Notes
			Obligated	Expended	Obligated	Expended	
City and Borough of Juneau	\$1,170,022.00	\$1,058,656.90	\$233,960.00	\$179,578.27	\$936,062.00	\$879,078.63	
Administrative Costs	\$87,751.00	\$35,094.00	\$87,751.00	\$35,094.00	\$0.00	\$0.00	
TOTALS	\$1,257,773.00	\$1,093,750.90	\$321,711.00	\$214,672.27	\$936,062.00	\$879,078.63	

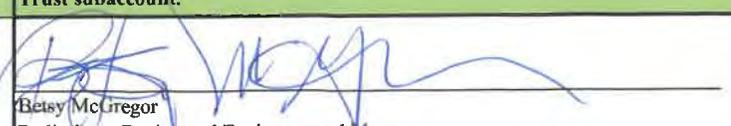
Project Narrative	
Eligible Mitigation Actions	Project Status
City and Borough of Juneau	<p>The model of the electric bus was changed to the newer Proterra ZXK. The bus has been received; operators, maintenance staff and the fire department have been trained on the equipment. The bus went into service April 2021. The old diesel bus has been destroyed. A Proterra DC Fast charger with modular cabinet and dispenser were received and installed; consultants continue to work with staff on the most efficient and cost effective charging method at the Maintenance facility. This project will result in a lifetime reduction of NOx by 2.2 tons.</p>
<p>This information is true and correct and the submission is made under penalty of perjury</p>	 Betsy McGregor Preliminary Design and Environmental Manager
	<p>1/31/22 Date</p>

VW Settlement Decree
State of Alaska Project 003 - Spring 2019 School Bus Replacement - Semi Annual Report

Grant Recipient	Alaska Energy Authority
Grant Cycle	Spring 2019 School Bus Replacement
Reporting Period	July 2021 - December 2021

CUMULATIVE WORKPLAN BUDGET	FY21
Running Total of VW Settlement Funds Disbursed to AEA	\$7,817,908.00
Interest Earned on VW Funds	\$12,933.26
Total VW Funds Obligated	\$7,817,908.00
Total VW Funds Expended	\$6,099,883.64
Total VW Funds On Hand	\$1,730,957.62

Summary of Project 003 Costs							
	Total Funds Obligated	Total Funds Expended	VW Mitigation Funds		Match Funds		Notes
			Obligated	Expended	Obligated	Expended	
Anchorage School District	\$886,278.00	\$800,371.56	\$886,278.00	\$800,371.56	\$0.00	\$0.00	6 of 13 buses
Kenai Peninsula Borough School District	\$592,620.00	\$532,085.71	\$592,620.00	\$532,085.71	\$0.00	\$0.00	4 of 7 buses
Tok Transportation LLC	\$465,065.00	\$464,496.09	\$407,465.00	\$407,465.00	\$57,600.00	\$57,031.09	
Administrative Costs	\$282,954.00	\$201,375.80	\$282,954.00	\$201,375.80	\$0.00	\$0.00	
RETURN TO VW TRUST							
Unused project funds							\$146,440.73
Unused administrative costs							\$81,578.20
Interest Earnings							\$5,284.63
TOTALS	\$2,226,917.00	\$1,998,329.16	\$2,169,317.00	\$1,941,298.07	\$57,600.00	\$57,031.09	\$233,303.56

Project Narrative	
Eligible Mitigation Actions	Project Status
Anchorage School District	ASD was awarded the replacement of a total of 13 school buses under Project 003 (6), Project 004 (6), and Project 005 (1). Under Project 003, ASD has been reimbursed for the destruction of three 2001 and three 2003 diesel school buses and the purchase of six Type-D 84-passenger 2021 school buses. The buses have been on-boarded and are active in ASD's system and scheduled on the routes for school start. COVID-19 school closures through early 2021 delayed use of the buses. This project has been completed; the Grantee has been fully reimbursed and will provide annual operation reports for the next five years. This project will result in a lifetime reduction of 6.905 tons of NOx. This project was completed below budget; \$85,906.44 will be returned to Alaska's Trust Subaccount.
Kenai Peninsula Borough School District	KPBSD was awarded the replacement of a total of 7 school buses under Project 003 (4), Project 004 (2), and Project 005 (1). Under Project 003, KPBSD replaced two 1999 and two 2000 model year diesel buses. All of the new buses are in service and the old diesel buses have been destroyed. No reimbursements occurred during this period. The Grantee has been fully reimbursed and will provide annual operation reports for the next five years. This project has been completed; the Grantee has been fully reimbursed and will provide annual operation reports for the next five years. This project will result in a lifetime reduction of 4.186 tons of NOx. This project was completed below budget; \$60,534.29 will be returned to Alaska's Trust Subaccount.
Tok Transportation, LLC	Tok Transportation LLC procured and registered an all-electric Thomas Saf-T-Liner C2 school bus and charging equipment. The replaced bus was destroyed by cutting the chassis and a 3-inch hole in the engine block and then disposed. The bus new has been in operation on its designated route and the grantee has reported mileage, diesel replacement, and performance statistics. This project has been completed; the Grantee has been fully reimbursed and will provide annual operation reports for the next five years. This project will result in a lifetime reduction of 0.708 tons of NOx.
PROJECT COMPLETED	These projects have been completed. These projects will result in a lifetime reduction of 11.8 tons of NOx. There is a \$228,018.93 balance plus \$5,284.63 interest earned that will be returned to the Trustee to be deposited into Alaska's Trust subaccount.
This information is true and correct and the submission is made under penalty of perjury	 Betsy McGregor Preliminary Design and Environmental Manager
	1/31/22 Date

VW Settlement Decree
State of Alaska Project 004 - Fall 2019 School Bus Replacement - Semi Annual Report

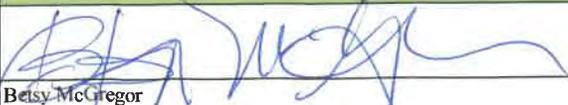
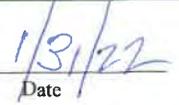
Grant Recipient	Alaska Energy Authority
Grant Cycle	Fall 2019 School Bus Replacement
Reporting Period	July 2021 - December 2021

CUMULATIVE WORKPLAN BUDGET	FY21
Running Total of VW Settlement Funds Disbursed to AEA	\$7,817,908.00
Interest Earned on VW Funds	\$12,933.26
Total VW Funds Obligated	\$7,817,908.00
Total VW Funds Expended	\$6,099,883.64
Total VW Funds On Hand	\$1,730,957.62

Summary of Project 004 Costs							
	Total Funds Obligated	Total Funds Expended	VW Mitigation Funds		Grantee Match Funds		Notes
			Obligated	Expended	Obligated	Expended	
Anchorage School District	\$882,821.00	\$800,371.56	\$882,821.00	\$800,371.56	\$0.00	\$0.00	6 of 13 buses
Kenai Peninsula Borough School District	\$296,310.00	\$266,042.86	\$296,310.00	\$266,042.86	\$0.00	\$0.00	2 of 7 buses
Kake City School District	\$123,457.00	\$121,417.38	\$108,457.00	\$108,457.00	\$15,000.00	\$12,960.38	1 of 2 buses
First Student, Inc.	\$95,000.00	\$95,000.00	\$95,000.00	\$95,000.00	\$0.00	\$0.00	1 of 6 buses
Southeast Island School District	\$497,992.00	\$441,764.00	\$400,000.00	\$400,000.00	\$97,992.00	\$41,764.00	4 buses
Administrative Costs	\$284,337.00	\$201,753.58	\$284,337.00	\$201,753.58	\$0.00	\$0.00	
RETURN TO VW TRUST							
Unused project funds							\$112,716.58
Unused administrative costs							\$82,583.42
Interest Earnings							\$1,095.26
TOTALS	\$2,179,917.00	\$1,926,349.38	\$2,066,925.00	\$1,871,625.00	\$112,992.00	\$54,724.38	\$196,395.26

VW Settlement Decree
State of Alaska Project 004 - Fall 2019 School Bus Replacement - Semi Annual Report

Grant Recipient	Alaska Energy Authority
Grant Cycle	Fall 2019 School Bus Replacement
Reporting Period	July 2021 - December 2021

Project Narrative	
Eligible Mitigation Actions	Project Status
Anchorage School District	<p>ASD was awarded the replacement of a total of 13 school buses under Project 003 (6), Project 004 (6), and Project 005 (1). Under Project 004, ASD has been reimbursed for the destruction of three 2001 and three 2003 diesel school buses and the purchase of six Type-D 84-passenger 2021 school buses. The buses have been on-boarded and are active in ASD's system and scheduled on the routes for school start. COVID-19 school closures through early 2021 delayed use of the buses. This project has been completed; the Grantee has been fully reimbursed and will provide annual operation reports for the next five years. This project will result in a lifetime reduction of 4.643 tons of NOx. This project was completed below budget; \$82,449.44 will be returned to Alaska's Trust Subaccount.</p> <p><u>Note:</u> AEA obligated more funds than ASD needed to complete their project. At the same time, Kake City SD needed additional funds to install marine grade plywood floors that are required in southeast AK school buses, which were not included in the original quote. AEA de-obligated \$3,457 of VW Trust funds from ASD and added it to the Kake City SD VW obligation.</p>
Kenai Peninsula Borough School District	<p>KPBSD was awarded the replacement of a total of 7 school buses under Project 003 (4), Project 004 (2), and Project 005 (1). Under Project 004, KPBSD replaced two 1999 model year diesel buses. All of the new buses are in service and the old diesel buses have been destroyed. This project has been completed; the Grantee has been fully reimbursed and will provide annual operation reports. This project will result in a lifetime reduction of 1.223 tons of NOx. This project was completed below budget; \$30,267.14 will be returned to Alaska's Trust Subaccount.</p>
Kake City School District	<p>KCSD was awarded the replacement of a total of 2 school buses under Project 004 (1) and Project 005 (1). Under Project 004, KCSD has destroyed one 2002 model year bus and replaced it with a Thomas Saf-T-Liner C2 221TS. All of the new buses are in service and the old diesel buses have been destroyed. This project has been completed; the Grantee has been fully reimbursed and will provide annual operation reports for the next five years. This project will result in a lifetime reduction of 0.452 tons of NOx.</p> <p><u>Note:</u> AEA obligated more funds than ASD needed to complete their project. At the same time, Kake City SD needed additional funds to install marine grade plywood floors that are required in southeast AK school buses, which were not included in the original quote. AEA de-obligated \$3,457 of VW Trust funds from ASD and added it to the Kake City SD VW obligation.</p>
First Student, Inc.	<p>First Student Inc. was awarded the replacement of a total of six school buses under Project 004 (1) and Project 005 (5). First Student, Inc. ordered six model year 2021 Thomas Saf-T-Liner C2 281 buses which have been delivered to the Matanuska-Susitna Borough, Juneau, and Kodiak Island school districts. The old diesel buses have been destroyed. This project has been completed; the Grantee has been fully reimbursed and will provide annual operation reports for the next five years. This project will result in a lifetime reduction of 0.424 tons of NOx.</p>
Southeast Island School District	<p>SEISD was awarded the replacement of four school buses of model years 2005 (2), 2008 (1), and 2009 (1). The old buses were destroyed by cutting chassis and 3-inch hole in engine blocks. Two 2021 Thomas C2 68-passenger and two Thomas C2 48-passenger buses were purchased, shipped, on-boarded and are in service. This project has been completed; the Grantee has been fully reimbursed and will provide annual operation reports for the next five years. This project will result in a lifetime reduction of xx tons of NOx.</p> <p><u>Note:</u> The final project costs were less than the D-4 estimates, reducing the need for the Grantee to provide all of the planned matching funds noted in the D-4 and associated semi-annual reports.</p>
PROJECT COMPLETED	<p>These projects have been completed. These projects will result in a lifetime reduction of 9.87 tons of NOx. There is a \$195,300.00 balance plus \$1,095.26 interest earned that will be returned to the Trustee to be deposited into Alaska's Trust subaccount.</p>
This information is true and correct and the submission is made under penalty of perjury	<div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;">  Betsy McGregor Preliminary Design and Environmental Manager </div> <div style="text-align: right;">  1/31/22 Date </div> </div>

VW Settlement Decree
State of Alaska Project 005 - Supplemental School Bus Replacement - Semi Annual Report

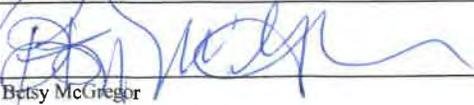
Grant Recipient	Alaska Energy Authority
Grant Cycle	Supplemental School Bus Replacement
Reporting Period	July 2021 - December 2021

CUMULATIVE WORKPLAN BUDGET	FY21
Running Total of VW Settlement Funds Disbursed to AEA	\$7,817,908.00
Interest Earned on VW Funds	\$12,933.26
Total VW Funds Obligated	\$7,817,908.00
Total VW Funds Expended	\$6,099,883.64
Total VW Funds On Hand	\$1,730,957.62

Summary of Project 005 Costs							
	Total Funds Obligated	Total Funds Expended	VW Mitigation Funds		Grantee Match Funds		Notes
			Obligated	Expended	Obligated	Expended	
Anchorage School District	\$144,256.00	\$133,395.26	\$144,256.00	\$133,395.26	\$0.00	\$0.00	1 of 13 buses
Kenai Peninsula Borough School District	\$148,155.00	\$133,021.43	\$148,155.00	\$133,021.43	\$0.00	\$0.00	1 of 7 buses
First Student, Inc.	\$481,000.00	\$481,000.00	\$481,000.00	\$481,000.00	\$0.00	\$0.00	5 of 6 buses
Kake City School District	\$123,457.00	\$121,417.38	\$108,457.00	\$108,457.00	\$15,000.00	\$12,960.38	1 of 2 buses
Administrative Costs	\$127,630.00	\$11,039.53	\$127,630.00	\$11,039.53	\$0.00	\$0.00	
TOTALS	\$1,024,498.00	\$879,873.60	\$1,009,498.00	\$866,913.22	\$15,000.00	\$12,960.38	

VW Settlement Decree
State of Alaska Project 005 - Supplemental School Bus Replacement - Semi Annual Report

Grant Recipient	Alaska Energy Authority
Grant Cycle	Supplemental School Bus Replacement
Reporting Period	July 2021 - December 2021

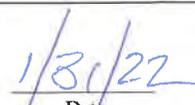
Project Narrative	
Eligible Mitigation Actions	Project Status
Anchorage School District	<p>ASD was awarded the replacement of a total of 13 school buses under Project 003 (6), Project 004 (6), and Project 005 (1). Under Project 005, ASD has been reimbursed for the destruction of one diesel school bus and the purchase of one 2001 model year Type-D 84-passenger 2021 school bus. The new buses have been purchased, shipped, and on-boarded and are active in ASD's system and scheduled on the routes for school start. COVID-19 school closures through early 2021 delayed use of the buses. The Grantee has been fully reimbursed and will provide annual operation reports for the next five years. This project will result in a lifetime reduction of 0.958 tons of NOx.</p> <p><u>Note:</u> AEA obligated more funds than ASD needed to complete their project. At the same time, Kake City SD needed additional funds to install marine grade plywood floors that are required in southeast AK school buses, which were not included in the original quote. AEA de-obligated \$3,457 of VW Trust funds from ASD and added it to the Kake City SD VW obligation.</p>
Kenai Peninsula Borough School District	<p>KPBSD was awarded the replacement of a total of 7 school buses under Project 003 (4), Project 004 (2), and Project 005 (1). Under Project 005, KPBSD replaced one 1995 model year diesel bus. All of the new buses are in service and the old diesel buses have been destroyed. The Grantee has been fully reimbursed and will provide annual operation reports for the next five years. This project will result in a lifetime reduction of 0.5 tons of NOx.</p>
First Student, Inc.	<p>First Student Inc. was awarded the replacement of a total of six school buses under Project 004 (1) and Project 005 (5). First Student, Inc. ordered six model year 2021 Thomas Saf-T-Liner C2 281 buses which have been delivered to the Matanuska-Susitna Borough, Juneau, and Kodiak Island school districts. The old diesel buses have been destroyed. The Grantee has been fully reimbursed and will provide annual operation reports for the next five years. This project will result in a lifetime reduction of 1.341 tons of NOx.</p> <p><u>Note:</u> First Student Inc. was granted \$6,000 more in VW Trust funds than reported on the June 2021 Semi-annual report. Accordingly, \$6,000 of VW Trust funds were de-obligated from administration and added it to the First Student Inc. VW obligation.</p>
Kake City School District	<p>KCSD was awarded the replacement of a total of 2 school buses under Project 004 (1) and Project 005 (1). Under Project 005, KCSD replaced one 2006 model year diesel bus with a model year 2021 Thomas Saf-T-Liner C2 221TS. There was a delay in shipping because the manufacturer did not initially install amber flashers. The Grantee has been fully reimbursed and will provide annual operation reports for the next five years. This project will result in a lifetime reduction of 0.438 tons of NOx.</p> <p><u>Note:</u> AEA obligated more funds than ASD needed to complete their project. At the same time, Kake City SD needed additional funds to install marine grade plywood floors that are required in southeast AK school buses, which were not included in the original quote. AEA de-obligated \$3,457 of VW Trust funds from ASD and added it to the Kake City SD VW obligation.</p>
General Note	<p>Administrative costs were allocated amongst the bus replacement projects (#s 002, 003, 004 and 005) to allow for closure of completed projects. As a result, the administrative fees reported for Project 005 are less than what was reported in June 2021.</p>
This information is true and correct and the submission is made under penalty of perjury	 Betsy McGregor Preliminary Design and Environmental Manager  Date

VW Settlement Decree
State of Alaska Project 006 - FY19 DERA Genset Replacement - Semi Annual Report

Grant Recipient	Alaska Energy Authority
Grant Cycle	FY19 DERA Genset Replacement
Reporting Period	July 2021 - December 2021

CUMULATIVE WORKPLAN BUDGET	FY21
Running Total of VW Settlement Funds Disbursed to AEA	\$7,817,908.00
Interest Earned on VW Funds	\$12,933.26
Total VW Funds Obligated	\$7,817,908.00
Total VW Funds Expended	\$6,099,883.64
Total VW Funds On Hand	\$1,730,957.62

Summary of Project 006 Costs							
	Total Funds Obligated	Total Funds Expended	VW Mitigation Funds		Match Funds		Notes
			Obligated	Expended	Obligated	Expended	
Arctic Village	\$340,000.00	\$340,000.00	\$139,832.00	\$139,832.00	\$200,168.00	\$200,168.00	
Chenega Bay	\$325,000.00	\$318,216.00	\$139,830.00	\$135,760.34	\$185,170.00	\$182,455.66	
Anvik	\$158,604.00	\$158,604.00	\$0.00	\$0.00	\$158,604.00	\$158,604.00	
Administrative Costs	\$122,920.00	\$62,246.83	\$35,846.00	\$21,054.72	\$87,074.00	\$41,192.11	
TOTALS	\$946,524.00	\$879,066.83	\$315,508.00	\$296,647.06	\$631,016.00	\$582,419.77	

Project Narrative	
Eligible Mitigation Actions	Project Status
Arctic Village	Three diesel gensets and new switchgear were installed in Arctic Village in October 2021. The project will remain open one year for troubleshooting assistance. The estimated reduction in NOx emissions is 6 tons annually.
Chenega Bay	Project designed and bid. Project will replace one diesel engine and one diesel micro turbine, construction is scheduled for January 2022. The estimated reduction in NOx emissions is 0.1 ton annually.
GENERAL NOTE	The Anvik project is part of the EPA DERA project and is included in the D-4, but it did not receive any VW Trust funds. The matching funds above reflect the mandatory and voluntary matching funds that were obligated, expended and reported to the EPA for the DERA FY19 projects.
This information is true and correct and the submission is made under penalty of perjury	 Betsy McGregor Preliminary Design and Environmental Manager
	 Date

VW Settlement Decree
State of Alaska Project 007 - EV Charging Infrastructure Network - Semi Annual Report

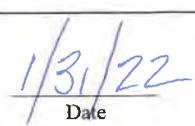
Grant Recipient	Alaska Energy Authority
Grant Cycle	EV Charging Infrastructure
Reporting Period	July 2021 - December 2021

CUMULATIVE WORKPLAN BUDGET	FY21
Running Total of VW Settlement Funds Disbursed to AEA	\$7,817,908.00
Interest Earned on VW Funds	\$12,933.26
Total VW Funds Obligated	\$7,817,908.00
Total VW Funds Expended	\$6,099,883.64
Total VW Funds On Hand	\$1,730,957.62

Summary of Project 007 Costs							Notes
	Total Funds Obligated	Total Funds Expended	VW Mitigation Funds		Match Funds		
			Obligated	Expended	Obligated	Expended	
Seward Chamber of Commerce	\$118,849.00	\$0.00	\$95,079.00	\$0.00	\$23,770.00	\$0.00	
APS Investments, Inc.	\$220,201.00	\$140,000.00	\$100,000.00	\$100,000.00	\$120,201.00	\$40,000.00	
Northern Outdoors/Grizzly Lodge	\$425,936.00	\$280,000.00	\$200,000.00	\$200,000.00	\$225,936.00	\$80,000.00	
Dimond Center Holdings, LLC	\$138,256.00	\$68,399.83	\$100,000.00	\$58,399.83	\$38,256.00	\$10,000.00	
Three Bears Alaska, Inc.	\$515,603.00	\$0.00	\$300,000.00	\$0.00	\$215,603.00	\$0.00	
Jack River Properties	\$99,155.00	\$72,205.34	\$79,324.00	\$72,205.34	\$19,831.00	\$0.00	
TBD	\$469,496.25	\$0.00	\$375,597.00	\$0.00	\$93,899.25	\$0.00	
Administrative Costs	\$187,500.00	\$8,213.94	\$187,500.00	\$8,213.94	\$0.00	\$0.00	
TOTALS	\$2,174,996.25	\$568,819.11	\$1,437,500.00	\$438,819.11	\$737,496.25	\$130,000.00	

VW Settlement Decree
State of Alaska Project 007 - EV Charging Infrastructure Network - Semi Annual Report

Grant Recipient	Alaska Energy Authority
Grant Cycle	EV Charging Infrastructure
Reporting Period	July 2021 - December 2021

Project Narrative	
Eligible Mitigation Actions	Project Status
Seward Chamber of Commerce	Selected site host in Seward for 1 50kW DCFC and 1 networked L2 charger. Amount of obligated funds noted above is based on the applicant's final project budget. Matching funds meet the 20% requirement of Trust agreement.
APS Investments, Inc.	Two battery-integrated 60kW DCFCs were commissioned September 2021. Matching funds exceed 20% requirement of Trust agreement.
Northern Outdoors/Grizzly Lodge	Selected site hosts in Soldotna and Cooper Landing for 2 battery-integrated 60kW DCFCs at each site. Amount of obligated match funds noted above is based on budgets in grant agreements. Matching funds exceed 20% requirement of Trust agreement.
Dimond Center Holdings, LLC	Selected site host in Anchorage for 1 50kW DCFC. Amount of obligated funds noted above is based on the applicant's final project budget. Matching funds meet 20% requirement of Trust agreement.
Three Bears Alaska, Inc.	Selected site hosts in Chugiak, Trapper Creek, and Healy for 2 50kW DCFCs and 2 networked L2 chargers at each site. Amount of obligated funds noted above is based on budgets in grant agreements. Matching funds exceed 20% requirement of Trust agreement.
Jack River Properties	Selected site host in Cantwell for 1 50kW DCFC and 1 networked L2 charger. Amount of obligated funds noted above is based on budget in grant agreement. Matching funds meet the 20% requirement of Trust agreement.
GENERAL NOTE	Thus far 9 site hosts have been selected for the installation of fast charging stations, grant agreements are in place, and \$874,403 of VW Trust funds have been obligated with \$643,597 obligated as matching funds, far exceeding the required 20% match in the Trust agreement and AEA's 20% assumption in the D-4. The TBD noted above indicates the remaining unobligated VW Trust funds of this D-4 with the minimum 20% match noted as obligated match funds. AEA is holding off on opening a solicitation to use these funds for EVSE projects until the federal government provides guidance for the IIJA National EV Charging Program. The guidance will inform how AEA will use the VW Trust funds for EVSE.
This information is true and correct and the submission is made under penalty of perjury	 Betsy McGregor Preliminary Design and Environmental Manager  Date