



## Colorado VW Diesel Emission Mitigation Program Semiannual Report

<b>Lead Agency</b>	Colorado Department of Health and Environment
<b>Partner Agency</b>	Regional Air Quality Council
<b>Program Name</b>	ALT Fuels Colorado
<b>Eligible Mitigation Action</b>	Heavy Duty Local Freight, School & Shuttle Buses, Freight Switchers, Class 4-7 Local Freight Trucks (Medium Duty), Airport Ground Support Equipment, Forklifts
<b>Reporting Period</b>	July 1, 2022- December 31, 2022
<b>Project Narrative</b>	
<p>This semiannual report documents the progress and implementation for the ALT Fuels Colorado program throughout the state of Colorado. Funds for Class 4-7 local freight, Class 8 local freight, School &amp; Shuttle buses, freight switchers, and airport GSE are awarded through the ALT Fuels Colorado grant program and administered by the Regional Air Quality Council.</p>	
<b>Summary of Monthly Activities</b>	
<p>To date, the Alt Fuels Colorado grant program has completed seven application rounds (September 2018, January 2019, October 2019, March 2020, December 2020, July 2021, and October 2021). Notification of application rounds are posted a month beforehand on <a href="http://raqc.org">raqc.org</a>, <a href="http://cleanairfleets.org">cleanairfleets.org</a>, and <a href="http://cdphe.colorado.gov/Volkswagen-diesel-emissions-settlement">cdphe.colorado.gov/Volkswagen-diesel-emissions-settlement</a>. Email notifications are sent to listservs hosted by the Colorado Department of Health and Environment and the Regional Air Quality Council. After the application round closes, applications are reviewed, and applicants are notified of their award status. Following award notification, awarded applicants attend a training meeting and/or webinar and then are issued a purchase order which grants permission to proceed with purchasing new equipment and scrapping old equipment.</p>	

The tables that follow below are reflective of all active projects funded through VW. Projects that have been outlined in previous versions of this report, and the entire funding request has since closed, have been removed from the tables. Additionally, projects that have not been included

on a D4 funding request are not outlined below. Due to project cancellations and returned funds, staff is assessing the best approach for including those projects on future D4 submissions.

### Funding & Awards Summary by EMA

EMA 6		Class 4-7 Local Freight Trucks (Medium Duty)				
Beneficiary Project ID		ALT Fuels 9E18AD				
Funding Request No.	Equipment Funds Obligated (D4)	Admin Funds Obligated (D4)	Total Funds Obligated (D4)	Equipment Funds Expended (RAQC)	Admin Funds Expended	Total Funds Expended
Rd 5	1,055,255.00	\$111,649.18	\$1,166,874.18	\$1,055,225.00	\$111,649.18	\$1,166,874.18
Rd 6-7*	\$603,263.00	\$90,371.38	\$693,634.38	\$0.00	\$0.00	\$0.00
*Round 6 and 7 applications were submitted on one D4 certificate.						

Awards to date		Class 4-7 Local Freight Trucks (Medium Duty)				
Beneficiary Project ID		ALT Fuels 9E18AD				
Project Name	Equipment Type	Number	Equipment Funds Obligated	Equipment Funds Expended	Status and Estimated Completion Date	
<b>Funding Request No.</b>	<b>Rd. 6</b>					



ECOS Environmental	Class 4 Box Truck	1	\$150,161.00	\$0.00	Vehicle has been delivered. Charger installation is complete. New vehicle is experiencing technical issues. Awardee working to resolve this with vendor and anticipates Q2, 2023 reimbursement.
<b>Funding Request No.</b>	<b>Rd. 7</b>				
Aurora Public Schools	Class 6 Box Truck*	2*	\$516,957.00*	\$0.00	Awardee secured new vendor. Will now be awarded for 2 trucks instead of 3. Revising D4 due to this change. Anticipate completion May 2023. *
<b>Totals</b>		5	\$667,118.00*	\$0.00	
<p><i>Notes:</i> * A revised D4 has been submitted to the Trust to adjust funds for the cancellation of one Box truck. A new award amount was assessed based on the updated costs for the two class 6 box trucks. Increased funding will be documented in the revised D4 and in the next semiannual report once the funding is approved by the Trust.</p>					



EMA 1		Class 8 Local Freight (Heavy Duty)				
Beneficiary Project ID		ALT Fuels 9U18AD				
Funding Request No.	Equipment Funds Obligated (D4)	Admin Funds Obligated (D4)	Total Funds Obligated (D4)	Equipment Funds Expended (RAQC)	Admin Funds Expended	Total Funds Expended
R2- 9U18AD	\$1,580,000.00	\$176,285.00	\$1,756,285.80	\$0.00	\$176,285.00	\$176,285.00
Revision 6/17/21	\$1,660,937.23 (additional \$80,937.23 requested)	\$246,133 (additional \$69,848 requested)	\$1,907,070.23	\$519,435.0	\$176,285.00	\$695,720.00
Revision 5/18/22*	\$1,980,846.23 (additional \$319,909 requested)	\$292,118.10 (additional \$45,985 requested)	\$2,272,964.33	\$705,514.23	\$252,855.71	\$958,369.94
<b>Revised Totals</b>	<i>\$1,980,846.23</i>	<i>\$292,118.10</i>	<i>\$2,272,964.33</i>	<i>\$705,514.23</i>	<i>\$252,855.71</i>	<i>\$958,369.94</i>

*\*Revision to this D4 included Funding Request No. 5-7.*

Awards to date		Class 8 Local Freight (Heavy Duty)			
Beneficiary Project ID		ALT Fuels 9U18AD			
Project Name	Equipment Type	Number	Equipment Funds Obligated	Equipment Funds Expended	Status and Estimated Completion Date
<b>Funding Request No.</b>		<b>R- 5</b>			
Western Disposal	Refuse Truck	4	\$185,229.00	\$185,229.00	Project Completed



FedEx Ground	Class 8 – Yard Tractor	1	\$167,500.00	\$0.00	FedEx is working on reimbursement paperwork. Anticipate February 2023 completion.
McLane	Yard Tractor	1	\$206,038.00	\$0.00	McLane working on last reimbursement requirement. Will be submitted with January 2023 invoicing.
<b>Funding Request No.</b>	<b>R- 6</b>				
Western Disposal	Refuse Truck	3	\$178,623.00	\$0.00	2 out of the 3 vehicles have been delivered. Parts for the 3 <sup>rd</sup> truck are on back order. Anticipates Q2, 2023 completion.
Eco-Cycle	Refuse Truck	1	\$485,807.00	\$0.00	Vehicle to be delivered February. Received charger and construction to install will take place February as well. Expect completion Q2, 2023.
<b>Funding Request No.</b>	<b>R- 7</b>				
Western Disposal	Refuse Truck	1	\$52,135.00	\$0.00	Awardee reports delays due to raw material shortages, supply chain disruptions, and challenges in the labor market. Vehicle delivery not anticipated until Q4 2023.



<b>Totals</b>		<b>11</b>	\$1,275,332.00*	\$185,229.00	
<i>Notes: * Projects completed from the prior semiannual report are not represented in this list.</i>					

<b>EMA 2</b>	<b>Class 4-8 School &amp; Shuttle Buses</b>					
<b>Beneficiary Project ID</b>	<b>ALT Fuels 9A18AD</b>					
<b>Funding Request No.</b>	<b>Equipment Funds Obligated (D4)</b>	<b>Admin Funds Obligated (D4)</b>	<b>Total Funds Obligated (D4)</b>	<b>Equipment Funds Expended (RAQC)</b>	<b>Admin Funds Expended</b>	<b>Total Funds Expended</b>
R3 – 9A18AD  Revised D4 Approved* 5/18/22	\$3,400,995.00	\$491,815	\$3,892,810	\$3,400,955.00	\$491,815	\$3,892,810
R6-7*	\$8,674,169.00	\$905,896	\$9,580,065	\$2,315,792.00	\$197,991.88	\$2,513,783.88
<b>Totals</b>	<b>\$12,075,164.00</b>	<b>\$1,397,711</b>	<b>\$13,472,875</b>	<b>\$5,716,747.00</b>	<b>\$689,807</b>	<b>\$6,406,594</b>
<i>Notes: *A D4 has been revised and approved by the Trust, combining funding from Round 3 with funding for Round 5.</i>						

<b>Awards to date</b>	<b>Class 4-8 School &amp; Shuttle Buses</b>
<b>Beneficiary Project ID</b>	<b>ALT Fuels 9A18AD</b>




Project Name	Equipment Type	Number	Equipment Funds Obligated	Equipment Funds Expended	Status and Estimated Completion Date
<b>Funding Request No.</b>		<b>R-6</b>			
Boulder Valley SD	School Bus	5	\$1,648,016.00	\$0.00	4 out of 5 buses have been delivered. 5 <sup>th</sup> bus is having issues with power steering and awardee is working with vendor to resolve this issue. Charging stations are being installed and expect a May 2023 completion.
Aspen SD	School Bus	4	\$1,362,812.00	\$0.00	New buses to be delivered in February. Awardee will then scrap their diesels. Anticipate March of 2023 completion.
Buena Vista SD	School Bus, & Charger	1, 1	\$348,910.00	\$348,910.00	Project Completed
Hayden SD	School Bus, & Charger	1, 1	\$325,823.00	\$325,823.00	Project Completed
James Irwin Charter Schools	School Bus	2	\$652,411.00	\$0.00	Completed. Submitted for reimbursement with December's invoicing.
Steamboat Springs SD	School Bus, & Charger	4, 4	\$1,387,552.00	\$1,387,552.00	Project Completed
<b>Funding Request No.</b>		<b>R-7</b>			
Boulder Valley SD	School Bus	3	\$1,030,563.00	\$0.00	Buses are to be scrapped in May and new bus delivery anticipated to be completed June of 2023.
Colorado Rocky Mtn. School	School Bus	1	\$167,783.00	\$0.00	Awardee is actively securing a new vendor. Previous vendor unexpectedly communicated that they do not have the battery needed for the current vehicle and are unable to obtain it. New vendor to honor current pricing and deadline.



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Denver Public Schools	School Bus	2	\$738,490.00	\$0.00	Completed. Awardee working on reimbursement paperwork. Expect February 2023 completion.
Fountain Ft. Carson SD	School Bus, & Charger	1, 1	\$262,507.00	\$262,507.00	Project Complete
Steamboat Springs SD	School Bus	2	\$749,302.00	\$0.00	Awaiting delivery of the vehicles, they are currently in production. Stations have been installed but are currently not operational as the vendor has yet to provide the switchgear necessary to operate them. Anticipate Q2, 2023 completion.
<b>Totals</b>		19	\$7,026,153.00*	\$2,34,792.00	

\* Projects completed from the prior semiannual report are not represented in this list.

This information is true and correct and submission is made under penalty of perjury.	
	January 27, 2023
Signature	Date
Christine Hoefler Colorado Department of Public Health & Environment	