

## VW Environmental Mitigation Trust - Semi Annual Report

<b>Beneficiary</b>	North Carolina
<b>Lead Agency</b>	NC Department of Environmental Quality
<b>Reporting Period</b>	July 1, 2021 to December 31, 2021

Funding Totals	Reporting Period	Previous Reporting Period	Cumulative
<b>Trust Funds Received</b>	\$357,163.00	\$29,193,718.52	\$29,550,881.52
<b>Funds Expended - Equipment</b>	\$1,229,741.20	\$0.00	\$1,229,741.20
<b>Funds Expended - Administrative</b>	\$164,029.63	\$803,325.97	\$967,355.60
<b>Remaining Balance</b>		\$28,390,392.55	\$27,353,784.72

Summary of All Costs for Reporting Period											
Project	Total Funds Budgeted	Total Funds Received This Reporting Period	Equipment Funds				Administrative Funds				Notes
			Received	Expended	Previous Balance	Balance Remaining	Received	Expended	Previous Balance	Balance Remaining	
EMA 1 - Class 8 Local Freight Trucks	\$3,856,728.00	\$0.00	\$0.00	\$380,258.00	\$3,456,728.00	\$3,076,470.00	\$0.00	\$41,007.41	\$209,975.23	\$168,967.82	
EMA 2 - Class 4-8 School Bus, Shuttle Bus, or Transit Bus	\$18,851,277.00	\$0.00	\$0.00	\$194,858.00	\$18,426,277.00	\$18,231,419.00	\$0.00	\$52,489.48	\$142,959.64	\$90,470.16	
EMA 3 - Freight Switchers	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
EMA 4 - Ferries/Tugs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
EMA 5 - Ocean Going Vessels (OGV) Shorepower	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
EMA 6 - Class 4-7 Local Freight Trucks	\$883,682.00	\$0.00	\$0.00	\$0.00	\$783,682.00	\$783,682.00	\$0.00	\$9,841.78	\$53,483.46	\$43,641.68	
EMA 7 - Airport Ground Support Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
EMA 8 - Forklifts and Port Cargo Handling Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
EMA 9 - Light Duty Zero Emission Vehicle Supply Equipmen	\$5,110,546.00	\$0.00	\$0.00	\$654,625.20	\$4,585,546.00	\$3,930,920.80	\$0.00	\$60,690.96	\$240,255.70	\$179,564.74	
EMA 10 - Diesel Emission Reduction Act (DERA) Optior	\$848,650.11	\$357,163.00	\$357,163.00	\$0.00	\$0.00	\$357,163.00	\$0.00	\$0.00	\$0.00	\$0.00	
<b>TOTALS</b>	<b>\$29,550,883.11</b>	<b>\$357,163.00</b>	<b>\$357,163.00</b>	<b>\$1,229,741.20</b>	<b>\$27,252,233.00</b>	<b>\$26,379,654.80</b>	<b>\$0.00</b>	<b>\$164,029.63</b>	<b>\$646,674.03</b>	<b>\$482,644.40</b>	

Eligible Mitigation Action	Beneficiary Plan Project Title	Reporting Period Project Summary
EMA 1 - Class 8 Local Freight Trucks	NCDEQ-Class 8 Trucks-FY20	Mecklenburg County completed the replacement and destruction of two of three refuse trucks during the reporting period under two separate contracts. The third vehicle replacement is delayed due to supply chain issues. All other projects are in the vehicle purchasing stage, and some are experiencing delays due to supply chain issues. Awardees have indicated that they will monitor their scheduled delivery dates and update NCDAQ as necessary to request extensions to contracts as appropriate.
EMA 2 - Class 4-8 School Bus, Shuttle Bus, or Transit Bus	NCDEQ-Class 4-8-Buses-FY20	No transit/shuttle bus projects were completed during this reporting period and no funds were expended. Multiple project are slated to be completed during the next reporting period. Polk County Schools completed the replacement and destruction of two school buses during the reporting period. All other projects are in the process of purchasing and receiving the new school buses.
EMA 3 - Freight Switchers		
EMA 4 - Ferries/Tugs		
EMA 5 - Ocean Going Vessels (OGV) Shorepower		
EMA 6 - Class 4-7 Local Freight Trucks	NCDEQ-Class 4-7 Trucks-FY20	The Town of Warrenton has completed the replacement and destruction of one of the two vehicles under their contract and submitted a claim for 90% of the contracted amount in December 2021. Currently NCDAQ is processing the reimbursement, and it will be included in the next semi-annual report. The City of Henderson made the decision to terminate the project in August 2021 due to technical issues surrounding the ability to repower their vehicle. All other projects are in the vehicle purchasing stage, and some are experiencing delays due to supply chain issues. Awardees have indicated that they will monitor their scheduled delivery dates and update NCDAQ as necessary to request extensions to contracts as appropriate.
EMA 7 - Airport Ground Support Equipment		

EMA 8 - Forklifts and Port Cargo Handling Equipment		
EMA 9 - Light Duty Zero Emission Vehicle Supply Equipment	NCDEQ-ZEVSE-FY20	<p>By December 1 2021, 23 Level 2 claims had been submitted in the Grants Management System. 12 Level 2 claims were approved for reimbursement while 11 were incomplete and returned to their awardee. All other Level 2 projects were in progress, and rebate extensions of 180 days were offered to all awardees with concern to the continuing effects of COVID-19. One Level 2 awardee officially terminated their project.</p> <p>By December 1 2021, eight DC Fast claims have been submitted in the Grants Management System. 15 DC Fast sites out of 26 are completed and operational with 7 claims submitted and approved for reimbursement during this reporting period. All other awarded DC Fast projects are in progress to completion although some awardees have reported delays due to supply chain issues.</p>
EMA 10 - Diesel Emission Reduction Act (DERA) Option	NCDEQ-DERA-FY-2020-01	Two of the projects funded under this EMA (City of Wilmington and Town of Cary EV Refuse Truck Replacements) have run into issues associated with the operation requirements of rear loading and right-side drive for both the City and the Town and their equipment vendor not being able to produce such a refuse truck. NCDAQ, representatives of the municipalities and EPA have been meeting to try to resolve these issues so that the projects can continue to completion. Both projects will require extensions to their contracts and will likely not be completed until 2023. The remaining projects have all had their vehicles/equipment ordered and expect to be completed during 2022.
	NCDEQ-DERA-FY-2021-01	NCDAQ received the EPA award letter for this grant cycle on August 26, 2021. A request for proposal was issued by NCDAQ on September 15, 2021 which closed on December 10, 2021 (original closing date was November 30, 2021 but clarifications to several applications required the December 10, 2021 date). Nine applications were received and are currently being evaluated to by staff and recommendations will be sent to management during the next reporting period.
This information is true and correct and the submission is made under penalty of perjury.	<i>Michael A. Abraczinskas</i>	
	Michael A. Abraczinskas, Director	Date: 1/31/22

**NCDEQ Diesel Bus & Vehicle Program - EMA 1 Class 8 Local Freight Trucks**

<b>Beneficiary</b>	North Carolina
<b>Lead Agency</b>	NC Department of Environmental Quality
<b>Reporting Period</b>	July 1, 2021 to December 31, 2021

Equipment & Administrative Funding	Reporting Period	Previous Reporting Period	Cumulative
<b>Trust Funds Received</b>	\$0.00	\$3,856,728.00	\$3,856,728.00
<b>Funds Expended - Equipment</b>	\$421,265.41	\$0.00	\$421,265.41
<b>Funds Expended - Administrative</b>	\$41,007.41	\$190,024.77	\$231,032.18
<b>Remaining Balance</b>		\$3,666,703.23	\$3,204,430.41

Summary of EMA 1 Costs for Reporting Period								
# of Class 8 Truck Replacement Projects Completed	Number of Trucks Replaced	Funds Expended (Equipment & Administrative) for Reporting Period	Equipment Funds Expended for Reporting Period	Administrative Funds Expended for Reporting Period	Cumulative Funds Expended (Equipment & Administrative)	Cumulative Equipment Funds Expended	Cumulative Administrative Funds Expended	Notes
CNG/Propane	0							
Diesel	1	\$421,265.41	\$380,258.00	\$41,007.41	\$611,290.18	\$380,258.00	\$231,032.18	
<b>TOTALS</b>	<b>1</b>	<b>\$421,265.41</b>	<b>\$380,258.00</b>	<b>\$41,007.41</b>	<b>\$611,290.18</b>	<b>\$380,258.00</b>	<b>\$231,032.18</b>	

Vehicle List												
Contract Number	Recipient	Original Vehicle VIN	Replacement Vehicle VIN	Awarded Amount	Reimbursement Amount	Cost Share Amount	Original Vehicle Fuel Type	Replacement Vehicle Fuel Type	Original Vehicle Engine Model Year	Replacement Vehicle Engine Model Year	Reimbursement Date	Notes
2000045598VW	Mecklenburg County	4V5KC96F87N477349	1NPCL40X2MD758129	\$190,129.00	\$190,129.00	\$11,989.00	Diesel	Diesel	2006	2020		New vehicle actual cost \$202,118 which was over contract budget. Therefore, awardee did incur a cost share for the vehicle of \$11,989.
2000045863VW	Mecklenburg County	1M2AG11C66M043575	1NPCL40X2MD758128	\$190,129.00	\$190,129.00	\$11,989.00	Diesel	Diesel	2005	2020		New vehicle actual cost \$202,118 which was over contract budget. Therefore, awardee did incur a cost share for the vehicle of \$11,989.

Eligible Mitigation Action	Beneficiary Plan Project Title	Reporting Period Project Summary
EMA 1 - Class 8 Local Freight Trucks	NCDEQ-Class 8 Trucks-FY20	Mecklenburg County completed the replacement and destruction of two of three refuse trucks during the reporting period under two separate contracts. The third vehicle replacement is delayed due to supply chain issues. All other projects are in the process of purchasing the new vehicles and have indicated that due to supply chain issues will monitor their scheduled delivery dates and update NCDAQ as necessary to request extensions to contracts as appropriate.

## NCDEQ Diesel Bus & Vehicle Program - EMA 2 Class 4-8 School, Shuttle, & Transit Buses

<b>Beneficiary</b>	North Carolina
<b>Lead Agency</b>	NC Department of Environmental Quality
<b>Reporting Period</b>	July 1, 2021 to December 31, 2021

Equipment & Administrative Funding	Reporting Period	Previous Reporting Period	Cumulative
<b>Trust Funds Received</b>	\$0.00	\$18,851,277.00	\$18,851,277.00
<b>Funds Expended - Equipment</b>	\$194,858.00	\$0.00	\$194,858.00
<b>Funds Expended - Administrative</b>	\$52,489.48	\$236,210.12	\$288,699.60
<b>Remaining Balance</b>		\$18,851,277.00	\$18,656,419.00

Summary of EMA 2 Costs for Reporting Period								
# of Class 4-8 Bus Replacement Projects Completed	Number of Buses Replaced	Funds Expended (Equipment & Administrative) for Reporting Period	Equipment Funds Expended for Reporting Period	Administrative Funds Expended for Reporting Period	Cumulative Funds Expended (Equipment & Administrative)	Cumulative Equipment Funds Expended	Cumulative Administrative Funds Expended	Notes
School Bus - All Electric	0	\$247,347.48	\$194,858.00	\$52,489.48	\$483,557.60	\$194,858.00	\$288,699.60	
School Bus - Propane	0							
School Bus - Diesel	2							
Shuttle/Transit Bus - All Electric	0							
Shuttle/Transit Bus - Bi-Fuel	0		\$0.00					
Shuttle/Transit Bus - CNG	0							
<b>TOTALS</b>	<b>2</b>		\$194,858.00		\$483,557.60	\$194,858.00	\$288,699.60	

Vehicle List											
Contract Number	Recipient	Original Vehicle VIN	Replacement Vehicle VIN	Awarded Amount	Reimbursement Amount	Cost Share Amount	Original Vehicle Fuel Type	Replacement Vehicle Fuel Type	Original Vehicle Engine Model Year	Replacement Vehicle Engine Model Year	Notes
2000045419VW	Polk County Schools	1HVBBNKN5NH406688	4UZABRFC2NCNN8227	\$97,429.00	\$97,429.00	\$6,443.00	Diesel	Diesel	1991	2021	New school bus actual cost \$103,872 which was over the contract budget. Therefore, awardee did incur a cost share for the vehicle of \$6,443.
		1HVBBAAAM35H680341	4UZABRFC0NCNN8226	\$97,429.00	\$97,429.00	\$6,443.00	Diesel	Diesel	1994	2021	New school bus actual cost \$103,872 which was over the contract budget. Therefore, awardee did incur a cost share for the vehicle of \$6,443.

Eligible Mitigation Action	Beneficiary Plan Project Title	Reporting Period Project Summary
EMA 2 Class 4-8 School, Shuttle, & Transit Buses	NCDEQ-Class 4-8-Buses-FY20	<p>No transit/shuttle bus projects were completed during this reporting period and no funds were expended. Multiple project are slated to be completed during the next reporting period.</p> <p>Polk County Schools completed the replacement and destruction of two school buses during the reporting period. All other projects are in the process of purchasing and receiving the new school buses.</p>

**NCDEQ Diesel Bus & Vehicle Program - EMA 3 Freight Switchers**

<b>Beneficiary</b>	North Carolina
<b>Lead Agency</b>	NC Department of Environmental Quality
<b>Reporting Period</b>	July 1, 2021 to December 31, 2021

Equipment & Administrative Funding	Reporting Period	Previous Reporting Period	Cumulative
Trust Funds Received			
Funds Expended - Equipment			
Funds Expended - Administrative			
Remaining Balance			

Summary of EMA 3 Costs for Reporting Period								
# of Freight Switcher Replacement Projects Completed	Number of Freight Switchers Replaced	Funds Expended (Equipment & Administrative) for Reporting Period	Equipment Funds Expended for Reporting Period	Administrative Funds Expended for Reporting Period	Cumulative Funds Expended (Equipment & Administrative)	Cumulative Equipment Funds Expended	Cumulative Administrative Funds Expended	Notes
All Electric	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
CNG/Propane	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Plug-in Hybrid	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Hybrid	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
<b>TOTALS</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	

Vehicle List											
Contract Number	Recipient	Original Vehicle VIN	Replacement Vehicle VIN	Awarded Amount	Reimbursement Amount	Cost Share Amount	Original Vehicle Fuel Type	Replacement Vehicle Fuel Type	Original Vehicle Engine Model Year	Replacement Vehicle Engine Model Year	Notes

Eligible Mitigation Action	Beneficiary Plan Project Title	Reporting Period Project Summary
EMA 3 Freight Switchers		

## NCDEQ Diesel Bus & Vehicle Program - EMA 4 Ferries/Tugs

<b>Beneficiary</b>	North Carolina
<b>Lead Agency</b>	NC Department of Environmental Quality
<b>Reporting Period</b>	July 1, 2021 to December 31, 2021

Equipment & Administrative Funding	Reporting Period	Previous Reporting Period	Cumulative
Trust Funds Received	\$0.00	\$0.00	\$0.00
Funds Expended - Equipment	\$0.00	\$0.00	\$0.00
Funds Expended - Administrative			
Remaining Balance	\$0.00	\$0.00	\$0.00

### Summary of EMA 4 Costs for Reporting Period

# of Ferry/Tug Repower Projects Completed	Number of Ferries/Tugs Repowered	Funds Expended (Equipment & Administrative) for Reporting Period	Equipment Funds Expended for Reporting Period	Administrative Funds Expended for Reporting Period	Cumulative Funds Expended (Equipment & Administrative)	Cumulative Equipment Funds Expended	Cumulative Administrative Funds Expended	Notes
All Electric	0							
CNG/Propane	0							
Plug-in Hybrid	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Hybrid	0							
<b>TOTALS</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	

### Vehicle List

Contract Number	Recipient	Original Vehicle VIN	Replacement Vehicle VIN	Awarded Amount	Reimbursement Amount	Cost Share Amount	Original Vehicle Fuel Type	Replacement Vehicle Fuel Type	Original Vehicle Engine Model Year	Replacement Vehicle Engine Model Year	Notes

Eligible Mitigation Action	Beneficiary Plan Project Title	Reporting Period Project Summary
EMA 4 Ferries/Tugs		

**NCDEQ Diesel Bus & Vehicle Program - EMA 5 Ocean Going Vessels Shorepower**

<b>Beneficiary</b>	North Carolina
<b>Lead Agency</b>	NC Department of Environmental Quality
<b>Reporting Period</b>	July 1, 2021 to December 31, 2021

Equipment & Administrative Funding	Reporting Period	Previous Reporting Period	Cumulative
Trust Funds Received			
Funds Expended - Equipmen			
Funds Expended - Administrativ			
Remaining Balance			

Summary of EMA 5 Costs for Reporting Period								
# of OGV Shorepower Projects Completed	Number of OGV Shorepower Systems Installed	Funds Expended (Equipment & Administrative) for Reporting Period	Equipment Funds Expended for Reporting Period	Administrative Funds Expended for Reporting Period	Cumulative Funds Expended (Equipment & Administrative)	Cumulative Equipment Funds Expended	Cumulative Administrative Funds Expended	Notes
All Electric	0	\$0.00	\$0.00	\$0.00				
CNG/Propane	0	\$0.00	\$0.00	\$0.00				
Plug-in Hybrid	0	\$0.00	\$0.00	\$0.00				
Hybrid	0	\$0.00	\$0.00	\$0.00				
<b>TOTALS</b>	0	\$0.00	\$0.00	\$0.00				

Vehicle List											
Contract Number	Recipient	Original Vehicle VIN	Replacement Vehicle VIN	Awarded Amount	Reimbursement Amount	Cost Share Amount	Original Vehicle Fuel Type	Replacement Vehicle Fuel Type	Original Vehicle Engine Model Year	Replacement Vehicle Engine Model Year	Notes

Eligible Mitigation Action	Beneficiary Plan Project Title	Reporting Period Project Summary
EMA 5 Ocean Going Vessels Shorepower		

## NCDEQ Diesel Bus & Vehicle Program - EMA 6 Class 4-7 Local Freight Trucks

<b>Beneficiary</b>	North Carolina
<b>Lead Agency</b>	NC Department of Environmental Quality
<b>Reporting Period</b>	July 1, 2021 to December 31, 2021

Equipment & Administrative Funding	Reporting Period	Previous Reporting Period	Cumulative
Trust Funds Received	\$0.00	\$883,682.00	\$883,682.00
Funds Expended - Equipment	\$0.00	\$0.00	\$0.00
Funds Expended - Administrative	\$9,841.78	\$44,289.40	\$54,131.18
Remaining Balance		\$839,392.60	\$883,682.00

Summary of EMA 6 Costs for Reporting Period								
# of Class 4-7 Local Freight Trucks Replacement/Repower Projects Completed	Number of Vehicles Replaced/Repowered	Funds Expended (Equipment & Administrative)	Equipment Funds Expended	Administrative Funds Expended	Cumulative Funds Expended (Equipment & Administrative)	Cumulative Equipment Funds Expended	Cumulative Administrative Funds Expended	Notes
CNG/Propane	0							
Diesel	0	\$9,841.78	\$0.00	\$9,841.78	\$54,131.18	\$0.00	\$54,131.18	
<b>TOTALS</b>	<b>0</b>	<b>\$9,841.78</b>	<b>\$0.00</b>	<b>\$9,841.78</b>	<b>\$54,131.18</b>	<b>\$0.00</b>	<b>\$54,131.18</b>	

Vehicle List											
Contract Number	Recipient	Original Vehicle VIN	Replacement Vehicle VIN	Awarded Amount	Reimbursement Amount	Cost Share Amount	Original Vehicle Fuel Type	Replacement Vehicle Fuel Type	Original Vehicle Engine Model Year	Replacement Vehicle Engine Model Year	Notes

Eligible Mitigation Action	Beneficiary Plan Project Title	Reporting Period Project Summary
EMA 6 Class 4-7 Local Freight Trucks	NCDEQ-Class 4-7 Trucks-FY20	The Town of Warrenton has completed the replacement and destruction of one of the two vehicles under their contract and submitted a claim for 90% of the contracted amount in December 2021. Currently NCDAQ is processing the reimbursement and it will be included in the next semi-annual report. The City of Henderson made the decision due to technical issues surrounding the ability to repower their vehicle to terminate the project in August 2021. All other projects are in the process of purchasing the new vehicles and have indicated that due to supply chain issues will monitor their scheduled delivery dates and update NCDAQ as necessary to request extensions to contracts as appropriate.



## NCDEQ Diesel Bus & Vehicle Program - EMA 7 Airport Ground Support Equipment

<b>Beneficiary</b>	North Carolina
<b>Lead Agency</b>	NC Department of Environmental Quality
<b>Reporting Period</b>	July 1, 2021 to December 31, 2021

Equipment & Administrative Funding	Reporting Period	Previous Reporting Period	Cumulative
Trust Funds Received			
Funds Expended - Equipmen			
Funds Expended - Administrativ			
Remaining Balance			

Summary of EMA 7 Costs for Reporting Period								
# of Airport Ground Support Equipment Replacement Projects Completed	Number of Equipment Replaced	Funds Expended (Equipment & Administrative) for Reporting Period	Equipment Funds Expended for Reporting Period	Administrative Funds Expended for Reporting Period	Cumulative Funds Expended (Equipment & Administrative)	Cumulative Equipment Funds Expended	Cumulative Administrative Funds Expended	Notes
All Electric	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
<b>TOTALS</b>	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	

Vehicle List											
Contract Number	Recipient	Original Vehicle VIN	Replacement Vehicle VIN	Awarded Amount	Reimbursement Amount	Cost Share Amount	Original Vehicle Fuel Type	Replacement Vehicle Fuel Type	Original Vehicle Engine Model Year	Replacement Vehicle Engine Model Year	Notes

Eligible Mitigation Action	Beneficiary Plan Project Title	Reporting Period Project Summary
EMA 7 Airport Ground Support Equipment		

**NCDEQ Diesel Bus & Vehicle Program - EMA 8 Forklifts and Port Cargo Handling Equipment**

<b>Beneficiary</b>	North Carolina
<b>Lead Agency</b>	NC Department of Environmental Quality
<b>Reporting Period</b>	July 1, 2021 to December 31, 2021

Equipment & Administrative Funding	Reporting Period	Previous Reporting Period	Cumulative
Trust Funds Received			
Funds Expended - Equipment			
Funds Expended - Administrative			
Remaining Balance			

Summary of EMA 8 Costs for Reporting Period								
# of Forklifts and Port Cargo Handling Equipment Replacement Projects Completed	Number of Forklifts and Port Cargo Handling Equipment Replaced	Funds Expended (Equipment & Administrative) for Reporting Period	Equipment Funds Expended for Reporting Period	Administrative Funds Expended for Reporting Period	Cumulative Funds Expended (Equipment & Administrative)	Cumulative Equipment Funds Expended	Cumulative Administrative Funds Expended	Notes
All Electric	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
<b>TOTALS</b>	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	

Vehicle List											
Contract Number	Recipient	Original Vehicle VIN	Replacement Vehicle VIN	Awarded Amount	Reimbursement Amount	Cost Share Amount	Original Vehicle Fuel Type	Replacement Vehicle Fuel Type	Original Vehicle Engine Model Year	Replacement Vehicle Engine Model Year	Notes

Eligible Mitigation Action	Beneficiary Plan Project Title	Reporting Period Project Summary
EMA 8 Forklifts and Port Cargo Handling Equipment		

## NCDEQ DC Fast and Level 2 Infrastructure Programs - EMA 9 Electric Vehicle Supply Equipment

Beneficiary	North Carolina
Lead Agency	NC Department of Environmental Quality
Reporting Period	July 1, 2021 to December 31, 2021

Equipment & Administrative Funding	Reporting Period	Previous Reporting Period	Cumulative
Trust Funds Received	\$0.00	\$5,110,546.00	\$5,110,546.00
Funds Expended - Equipment	\$654,625.20	\$0.00	\$654,625.20
Funds Expended - Administrative	\$60,690.96	\$273,117.95	\$333,808.91
Remaining Balance		\$4,837,428.05	\$4,122,111.89

Summary of EMA 9 Costs for Reporting Period								
Charger Type	Number Completed	Funds Expended (Equipment & Administrative)	Equipment Funds Expended	Administrative Funds Expended	Cumulative Funds Expended (Equipment & Administrative)	Cumulative Equipment Funds Expended	Cumulative Administrative Funds Expended	Notes
DC Fast	7	\$715,316.16	\$483,625.20	\$60,690.96	\$988,434.11	\$654,625.20	\$333,808.91	
Level 2	25		\$171,000.00					
<b>TOTALS</b>	<b>32</b>	<b>\$715,316.16</b>	<b>\$654,625.20</b>	<b>\$60,690.96</b>	<b>\$988,434.11</b>	<b>\$654,625.20</b>	<b>\$333,808.91</b>	

Charging Equipment							
Agreement/Contract Number	Serial Number	Total Cost	VW Funds	Cost Share	Date Reimbursed	Charging kW	Type
2000045816VW	211341013533	\$19,651.00	\$10,000.00	\$9,651.00	9/9/2021	7.2	Level 2-Public
2000045799VW	210941010362	\$17,941.04	\$10,000.00	\$7,941.04	9/9/2021	7.2	Level 2-Public
2000045802VW	BAE601417	\$29,003.48	\$20,000.00	\$9,003.48	9/9/2021	7.2	Level 2-Public
	BAE601418					7.2	
	BAE602131					7.2	
	BAE601415					7.2	
2000046166VW	210841008358	\$30,578.84	\$12,000.00	\$18,578.84	9/9/2021	7.2	Level 2-Not Public
	210841008355					7.2	
2000046146VW	210741007420	\$17,410.18	\$10,000.00	\$7,410.18	10/6/2021	6.6	Level 2-Public
2000046182VW	204941041840	\$33,763.00	\$25,000.00	\$8,763.00	10/6/2021	7.2	Level 2-Public
	204941041826					7.2	
	204941041836					7.2	
2000045758VW	211041010865	\$34,457.24	\$20,000.00	\$14,457.24	10/6/2021	7.2	Level 2-Not Public
	210941009732					7.2	
2000045916VW	211441014404	\$11,702.94	\$10,000.00	\$1,702.94	10/6/2021	7.2	Level 2-Public
2000045914VW	SE1-2109-00007	\$44,592.00	\$24,000.00	\$20,592.00	10/6/2021	7.6	Level 2-Public
	SE1-2109-00013					7.6	
	SE1-2109-00014					7.6	
	SE1-2109-00015					7.6	
	SE1-2109-00016					7.6	
	SE1-2109-00051					7.6	
2000046089VW	210841008357	\$42,930.33	\$12,000.00	\$30,930.33	10/13/2021	7.2	Level 2-Not Public
	210841008373					7.2	
2000077725VW	211541014893	\$16,995.68	\$10,000.00	\$6,995.68	11/19/2021	7.2	Level 2-Public
2000047710VW	212641029307	\$16,690.89	\$8,000.00	\$8,690.89	12/20/2021	7.2	Level 2-Public
2000045820VW	211215004561	\$119,906.70	\$74,543.13	\$45,363.57	11/30/2021	62.5	DC Fast-Public
2000045498VW	211215004552	\$126,698.87	\$71,415.70	\$55,283.17	10/14/2021	62.5	DC Fast-Public
2000045499VW	210915002709	\$121,347.84	\$53,525.00	\$67,822.84	10/25/2021	62.5	DC Fast-Public
2000045524VW	191502006421	\$121,347.84	\$61,883.61	\$59,464.23	10/14/2021	62.5	DC Fast-Public
2000045525VW	211215004560	\$123,032.92	\$74,534.13	\$48,498.79	10/14/2021	62.5	DC Fast-Public
2000045526VW	211215004548	\$119,541.01	\$74,543.13	\$44,997.88	11/30/2021	62.5	DC Fast-Public
2000045520VW	211215004559	\$132,286.07	\$73,180.50	\$59,105.57	10/14/2021	62.5	DC Fast-Public

Eligible Mitigation Action	Beneficiary Plan Project Title	Reporting Period Project Summary
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EMA 9 - Electric Vehicle Supply Equipment	NCDEQ-ZEVSE-FY20	<p>By December 1 2021, 23 Level 2 claims had been submitted in the Grants Management System. 12 Level 2 claims were approved for reimbursement while 11 were incomplete and returned to their awardee. All other Level 2 projects were in progress, and rebate extensions of 180 days were offered to all awardees with concern to the continuing effects of COVID-19. One Level 2 awardee officially terminated their project.</p>
		<p>By December 31, 2021, eight DC Fast claims have been submitted in the Grants Management System. 15 DC Fast sites out of 26 are completed and operational with 7 claims submitted and approved for reimbursement during this reporting period. All other awarded DC Fast projects are in progress to completion, although some awardees have reported some slow downs due to supply chain issues.</p>

**NCDEQ Diesel Bus & Vehicle Program - EMA 10 DERA Option**

<b>Beneficiary</b>	North Carolina
<b>Lead Agency</b>	NC Department of Environmental Quality
<b>Reporting Period</b>	July 1, 2021 to December 31, 2021

Equipment & Administrative Funding	Reporting Period	Previous Reporting Period	Cumulative
Trust Funds Received	\$357,163.00	\$491,487.11	\$848,650.11
Funds Expended - Equipment	\$0.00	\$0.00	\$0.00
Funds Expended - Administrative	\$0.00	\$0.00	\$0.00
<b>Remaining Balance</b>	\$357,163.00	\$491,487.11	\$848,650.11

Summary of EMA 10 Costs for Reporting Period								
# of DERA Option Replacement Projects Completed	Number of DERA Option Equipment/Vehicles Replaced	Funds Expended (Equipment & Administrative) for Reporting Period	Equipment Funds Expended for Reporting Period	Administrative Funds Expended for Reporting Period	Cumulative Funds Expended (Equipment & Administrative)	Cumulative Equipment Funds Expended	Cumulative Administrative Funds Expended	Notes
All Electric	0							
CNG/Propane	0							
Plug-in Hybrid	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Hybrid	0							
<b>TOTALS</b>	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	

Vehicle List												
Contract Number	Recipient	Original Vehicle VIN	Replacement Vehicle VIN	VW Awarded Amount	Reimbursement Amount	DERA Awarded Amount	Cost Share Amount	Original Vehicle Fuel Type	Replacement Vehicle Fuel Type	Original Vehicle Engine Model Year	Replacement Vehicle Engine Model Year	Notes

Eligible Mitigation Action	Beneficiary Plan Project Title	Reporting Period Project Summary
EMA 10 DERA Option	NCDEQ-DERA-FY-2020-01	Two of the projects funded under this EMA (City of Wilmington and Town of Cary EV Refuse Truck Replacements) have run into issues associated with the operation requirements of rear loading and right-side drive for both the City and the Town and their equipment vendor not being able to produce such a refuse truck. NCDAQ, representatives of the municipalities and EPA have been meeting to try to resolve these issues so that the projects can continue to completion. Both projects will require extensions to their contracts and will likely not be completed until 2023. The remaining projects have all had their vehicles/equipment ordered and expect to be completed during 2022.
	NCDEQ-DERA-FY-2021-01	NCDAQ received the EPA award letter for this grant cycle on August 26, 2021. A request for proposal was issued by NCDAQ on September 15, 2021 which closed on December 10, 2021 (original closing date was November 30, 2021 but clarifications to several applications required the December 10, 2021 date). Nine applications were received and are currently being evaluated by staff and recommendations will be sent to management during the next reporting period.