

August 18, 2020

Volkswagen Diesel Emissions Environmental Mitigation Trust
for State Beneficiaries, Puerto Rico, and District of Columbia
c/o Wilmington Trust, N.A. as Trustee
Wilmington Trust, National Association
Rodney Square North
1100 North Market Street
Attn: Capital Markets & Agency Services
Wilmington, DE 19890

RE: State of Connecticut VW Settlement- 1st Semiannual Report
Reporting Period: January 1, 2020 to June 30, 2020

Dear Mr. Crane,

On January 29, 2018, Wilmington Trust (the "Trustee") filed a Notice of Beneficiary Designation with the United States District Court for the Northern District of California (the "Court"), designating Connecticut as a Beneficiary of the State Trust. As required by the Trust Agreement, Section 5.3 *Beneficiary Reporting Obligations*, beneficiaries are required to submit a semiannual report six months after initial disbursement of Trust Assets. On January 14, 2020, Connecticut's first disbursement of Trust Assets occurred; beginning Connecticut's Reporting Obligations to the Trustee. DEEP has collected the data relevant to reporting requirements for the six-month period of January 1, 2020 to June 30, 2020.

The State of Connecticut Department of Energy and Environmental Protection (DEEP) has enclosed the information necessary to complete the semi-annual reporting requirement found in paragraph 5.3 of the Volkswagen Environmental Mitigation Trust Agreement for State Beneficiaries. Specifically, Connecticut's Reporting Obligations include:

1. The progress implementing each Eligible Mitigation Action during the six-month period leading up to the reporting date (including a summary of all costs expended on the Eligible Mitigation Action through the reporting date), and
2. The status (including actual or projected termination date), development, implementation, and any modification of each approved Eligible Mitigation Action.

Connecticut is grouping all updates on our approved Eligible Mitigation Actions into this single report.

Connecticut Semi-annual Report Jan. 1 – June 30, 2020

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I attest that based on information and belief, all information contained in this report is true and correct and the submission is made under penalty of perjury. If you should have any questions on the enclosed Semi Annual Report, please do not hesitate to contact Lakiesha Christopher at Lakiesha.Christopher@ct.gov or (860) 424-3189.

Sincerely,

A handwritten signature in black ink that reads "Paul E. Farrell". The signature is written in a cursive style with a large, stylized "P" and "F".

Paul E. Farrell
Director, Air Planning
Department of Energy &
Environmental Protection

Attachments:

Semi-Annual Report to the Trustee
Semi-Annual Report Summary Tables
DERA Quarterly Reports

**Semi Annual Report to the Trustee
State of Connecticut
Reporting Period - January 1, 2020 through June 30, 2020**

Overview: On October 2, 2017, the Mitigation Trust Agreement, upon court approval, became effective. On October 18, 2017, DEEP submitted its Certification for Beneficiary Status Under Environmental Mitigation Trust Agreement to the Trustee, the United States and the court overseeing the VW action. On January 29, 2018, the Trustee filed a Notice of Beneficiary Designation under the VW Diesel Emissions Environmental Mitigation Trust for State Beneficiaries designating Connecticut as a Beneficiary under the Trust¹. As such, Connecticut is eligible to receive \$55,721,169 (1.90% of the \$2.9 billion made available to states and Tribes) from the Trust as specified in Appendix D to the Mitigation Trust Agreement.

The State of Connecticut (State), pursuant to the 2018 Mitigation Plan, filed with Wilmington Trust (WT) on April 26, 2018,² outlined a protocol for the selection of on-road vehicle replacement projects to protect the state's air quality and the health of vulnerable populations. The primary goal of the State's 2018 Mitigation Plan is to improve and protect ambient air quality by selecting and implementing eligible mitigation projects that will (1) achieve significant and sustained cost effective reductions in Nitrogen Oxide (NO_x) emissions, (2) support statewide energy, environmental and economic development goals and (3) reduce impacts on environmental justice and other impacted communities. Connecticut's Diesel Emissions Mitigation Program (DEMP) provides funds for use by non-government and government entities towards projects that achieve these goals.

Connecticut has participated in the Diesel Emission Reduction Act (DERA) State Clean Diesel Grant Program for many years prior to the establishment of the Trust. DEEP intends to amplify this participation by exercising the DERA Option (Eligible Mitigation Action (EMA) 10), utilizing Trust funds to match its State DERA allocation to allow for a greater variety of eligible projects. The rest of the allocated funds will be used for the remaining categories of eligible projects, outlined in the Mitigation Trust Agreement,³ that are aligned with the funding priorities presented in the State of Connecticut Mitigation Plan.

DEMP Round 1: For Round 1 solicitation, DEEP conducted an open and competitive solicitation process for VW funds that was initiated on May 30, 2018. Projects were selected and announced on November 13, 2018. Funding was awarded to both government and non-government projects totaling \$12.18 million. Funds for Round 1 of the Diesel Emissions Mitigation Program financed projects that replaced or repowered an array of aging diesel mobile sources and/or non-road equipment. Projects, as awarded, for CT Diesel Emissions Reduction Program Round 1 funding, broken out by Eligible Mitigation Action, include:

EMA 1 - Class 8 Local Freight Trucks and Port Dravage Trucks (Eligible Large Trucks)

Bozzuto's Incorporated

Amount Awarded: \$1,050,000

Location: Cheshire

Project Description: Replacement of 35, MY 1999, Class 8 diesel trucks (tractors) with 35, MY 2019, diesel equivalents.

¹ Notice of Beneficiary Designation, January 29, 2018, <https://portal.ct.gov/-/media/DEEP/air/mobile/VW/20180129VWBeneficiaryDesignationpdf.pdf>

² State of Connecticut Mitigation Plan <https://portal.ct.gov/-/media/DEEP/air/mobile/VW/CTVWFinalMitigationPlanpdf.pdf>

³ Environmental Mitigation Trust Agreement for State Beneficiaries, as Modified on May 19, 2020 <https://portal.ct.gov/-/media/DEEP/air/mobile/VW/20200519--Final-Modified-State-Trust-Agreement-effective-June-18-2020.pdf>

H.I. Stone and Son

Amount Awarded: \$303,200

Location: Southbury

Project Description: Replacement of seven, MY 1995-2006, Class 8 diesel trucks with seven, MY 2019, diesel equivalents.

USA Hauling & Recycling

Amount Awarded: \$1,127,750.00

Location: Ansonia, Bridgeport, Bristol, Derby, East Hartford, East Haven, Enfield, Hartford, Meriden, Naugatuck, New Britain, New Haven, Plymouth, Torrington, Waterbury, West Haven

Project Description: Replacement of sixteen (16), MY 1999-2007, Class 8, diesel-powered refuse trucks with 16 MY 2020 compressed natural gas (CNG)-powered equivalents.

EMA 2 - Class 4-8 School Bus, Shuttle Bus, or Transit Bus (Eligible Buses)

CT Department of Transportation

Amount Awarded: \$4,901,169.00

Location: New Haven

Project Description: Replacement of 12, MY 2005, diesel transit buses with 12 full electric powered transit buses along with installation of associated charging infrastructure.

Durham School Services, Stratford

Amount Awarded: \$488,553.00

Location: Stratford

Project Description: Replacement of 23, MY 2005, diesel school buses with 23, MY 2019, diesel equivalents.

First Student, Inc.

Amount Awarded: \$1,338,780.00

Location: Ellington, CREC (Hartford), Middlebury/Southbury

Project Description: Replacement of 22, MY 2006, diesel school buses with 22, MY 2018, diesel equivalents.

University of Connecticut

Amount Awarded: \$1,378,000

Location: Stamford, Storrs

Project Description: Replacement of two, MY 2005, diesel shuttle buses with two full electric powered shuttle buses along with installation of associated charging infrastructure.

EMA 4 - Ferries/Tugs

Block Island Express

Amount Awarded: \$971,720.00

Location: New London

Project Description: Replacement of four, MY 2003, EPA Tier 1 diesel propulsion engines on the M/V Cecilia Ann with EPA Tier 3 diesel propulsion engines and replacement of two, MY 2011, EPA Tier 1 auxiliary engines (generators) with EPA Tier 3 diesel equivalents.

EMA 6 - Class 4-7 Local Freight Trucks (Medium Trucks)

Eder Brothers, Inc.

Amount Awarded: \$157,500.00

Location: West Haven

Project Description: Replacement of seven, MY 2005-2007, Class 7 diesel delivery trucks with seven, MY 2020, diesel equivalents.

John DeGrand & Son, Inc.

Amount Awarded: \$61,250.00

Location: West Haven

Project Description: Replace two, MY 2009-2011, Class 7 diesel delivery trucks with two, MY 2019, diesel equivalents.

EMA 10 - Diesel Emission Reduction Act (DERA) Option

Atlas Concrete Products

Amount Awarded: \$76,280.79

Location: New Britain

Project Description: Replacement of one, MY 2002, Class 8 flatbed truck with hydraulic crane, with a MY 2019 diesel equivalent flatbed with hydraulic loader crane.

Sysco Leasing, LLC

Amount Awarded: \$149,233.61

Location: Rocky Hill

Project Description: Replace two Class 7 and five Class 8 MY 2005 – 2006 diesel delivery trucks with two MY 2019 Class 7 and five MY 2019 Class 8 diesel equivalents.

In 2019, the State of Connecticut submitted Beneficiary Eligible Mitigation Action Certification (Appendix D-4) Forms for Round 1 to Wilmington Trust for approval. Although all submitted Eligible Mitigation Action Certification (Appendix D-4) Forms have been approved by WT, not all of the Beneficiaries have requested trust funds during this reporting period. Reimbursement for seven (7) of the twelve (12) Round 1 projects were dispersed in the first half of 2020.

Round 1 Approved Beneficiary Eligible Mitigation Action Certification (Appendix D-4) Forms

EMA	Beneficiary Eligible Mitigation Action Title	Approval Date
1	Class 8 Local Freight Trucks and Port Drayage Trucks (Eligible Large Trucks)	January 21, 2020
2	Class 4-8 School Bus (Eligible Buses)	January 21, 2020
4	Ferries/Tugs	January 21, 2020
6	Class 4-7 Local Freight Trucks (Medium Trucks)	September 6, 2019
10	Diesel Emission Reduction Act (DERA) Option	November 26, 2019

Round 1 Approved Eligible Mitigation Action Funds Disbursed in the Reporting Period

Funding Request	Beneficiary	EMA	Budgeted Amount	Amount Reimbursed	Reimbursement Date
1	Eder Brothers, Inc.	6	\$157,500.00	\$143,121.56	January 14, 2020
2	H.I. Stone & Son	1	\$303,200.00	\$301,788.59	March 7, 2020
3	Atlas Concrete Products	10	\$76,280.79	\$76,280.79	March 7, 2020

4	USA Hauling & Recycling	1	\$1,127,750.00	\$1,127,750.00	May 14, 2020
5	John DeGrand & Son	6	\$61,250.00	\$46,617.50	June 1, 2020
6	First Student	2	\$1,338,780.00	\$1,186,468.40	June 2, 2020
7	Sysco Corporation	10	\$149,233.61	\$149,233.61	June 30, 2020

DEMP Round 2: For Round 2 solicitation, DEEP conducted an open and competitive solicitation process for VW funds that was initiated on August 1, 2019. Projects were selected and announced on November 22, 2019. Awards for Round 2 totaled \$6.25 million. Projects awarded for CT Diesel Emissions Reduction Program Round 2 funding, broken out by Eligible Mitigation Action, include:

EMA 1 - Class 8 Local Freight Trucks and Port Drayage Trucks (Eligible Large Trucks)

Bozzuto's Inc.

Amount Awarded: \$175,000.00

Location: New London, Ansonia, Waterbury, Derby, New Britain, Hartford, Bridgeport, Windham, Bristol, Meriden, Torrington, Enfield, Naugatuck, New Haven, and East Haven, CT

Project Description: Replace five (5) Class 8 diesel-powered tractors, the oldest in the proposal, with MY 2021 diesel-powered equivalents.

H. I. Stone and Son, Inc.⁴

Amount Awarded: \$72,302.26

Location: New Haven, Stamford and Waterbury, CT

Project Description: Replace two (2) , Class 8 MY 1995, diesel-powered trucks with MY 2020 equivalents.

R + L Transfer, Inc.

Amount Awarded: \$183,720.00

Location: South Windsor and Wallingford, CT

Project Description: Replace eight (8) Class 8, MY 2004-2007, diesel tractors with MY 2019 diesel-powered equivalents.

Sysco Leasing, LLC

Amount Awarded: \$346,500

Location: Rocky Hill and Hartford, CT

Project Description: Replace fifteen (15) Class 8, MY 2006-2009, diesel-powered heavy duty local freight trucks with MY 2020 diesel-powered equivalents.

Town of East Hartford

Amount Awarded: \$637,780.00

Location: East Hartford, CT

Project Description: Replace four (4) Class 8, MY 1999-2007, diesel-powered refuse trucks with two MY 2020 CNG-powered equivalents and two MY 2021 diesel-powered equivalents.

USA Waste & Recycling

Amount Awarded: \$591,600.00

⁴ H.I. Stone & Son, Inc. was awarded one project during Round 2 to replace two Class 5 trucks and two Class 8 trucks. For Semi-Annual reporting purposes, H.I. Stone is treated as one project. However, two separate D-4s were submitted for H.I. Stone based on the associated Eligible Mitigation Actions (EMA 1 and EMA 6.)

Location: Waterbury, New Britain, Hartford, Bridgeport, East Hartford, Bristol, Meriden, Enfield, Naugatuck, and New Haven, CT

Project Description: Replace eight (8) Class 8, MY 1997-2006, diesel-powered refuse trucks, the oldest in the proposal, with MY 2021, Class 8 CNG-powered refuse trucks.

EMA 2 - Class 4-8 School Bus, Shuttle Bus, or Transit Bus (Eligible Buses)

Connecticut Department of Transportation

Amount Awarded: \$576,225.00

Location: Windham, CT

Project Description: Replace one (1) Class 7, MY 2005, diesel-powered transit bus, with a MY 2020 full electric transit bus and install associated charging infrastructure.

DATTCO, Inc.

Amount Awarded: \$122,689.00

Location: Middletown, CT

Project Description: Replace one (1) Class 4, MY 2009, diesel powered school bus with a MY 2020 electric powered school bus.

First Student, Inc.

Amount Awarded: \$668,398.00

Location: Watertown, Ridgefield, Hamden, Weston and New Fairfield, CT

Project Description: Replace twelve (12) Class 6 and Class 7, engine model year (EMY) 2006-2007 school buses, the oldest in the proposal, with EMY 2021 diesel-powered equivalents

Student Transportation of America, Inc. (Naugatuck)

Amount Awarded: \$912,070.00

Location: Naugatuck, CT

Project Description: Replace eighteen (18) Class 7, MY 2008, school buses with MY 2019 diesel-powered equivalents.

Yale University

Amount Awarded: \$505,500.00

Location: New Haven, CT

Project Description: Replace one (1) Class 8, MY 2009, diesel-powered shuttle bus with a MY 2020 electric equivalent and install associated charging structure.

EMA 4 - Ferries/Tugs

Fisher's Island Ferry District

Amount Awarded: \$819,260.00

Location: New London, CT

Project Description: Replace EMY 1985 propulsion engines, gearboxes, auxiliary generator sets and related equipment in the ferry M/V Race Point.

EMA 6 - Class 4-7 Local Freight Trucks (Medium Trucks)

Eversource Energy Service Company

Amount Awarded: \$326,083.00

Location: Berlin, Hartford and Torrington, CT

Project Description: Replace five (5) Class 7, MY 2007 & 2009, diesel-powered utility bucket trucks with MY 2020 diesel-powered hybrid electric utility buckets trucks.

H. I. Stone and Son, Inc.³

Amount Awarded: \$79,858.75

Location: New Haven, Stamford and Waterbury, CT

Project Description: Replace two (2) Class 5, MY 2004 & 2006, diesel-powered with MY 2020 equivalents.

Hocon Gas, Inc.

Amount Awarded: \$139,805.00

Location: Waterbury, CT

Project Description: Replace four (4) Class 7 diesel-powered delivery trucks with MY 2020 propane-powered equivalents.

State Line Propane, LLC

Amount Awarded: \$96,264.00

Location: Granby, CT

Project Description: Replace three (3) Class 7, MY 1995 & 2000, diesel-powered delivery fuel trucks with one MY 2020 diesel-powered and two MY 2020 propane-powered delivery fuel trucks.

EMA 10 - Diesel Emission Reduction Act (DERA) Option⁵

F&F Concrete Corporation:

Amount Awarded: \$172,181.32

Location: Hartford, Middlesex and New Haven Counties

Project Description: Replacement of three Class 8 concrete trucks with MY 2020 diesel-powered equivalents.

Gateway Terminal, LLC:

Amount Awarded: \$386,083.12; \$285,637.60 will come from the “DERA Option” under VW NOx Mitigation Trust Agreement, \$100,445.52 from FY 2017-2018 State DERA allocation and bonus, and \$15,059.15 is from State SEP funds.

Location: New Haven, CT

Project Description: Replacement of six Class 8 diesel drayage trucks, MY 2006-2009, with 202 MY diesel equivalents.

Kay's Trucking

Amount Awarded: \$57,733.69

Location: South Windsor, CT

Project Description: Replacement of two (2) Class 8 diesel-powered tractors with two MY 2019-2020 diesel-powered equivalents.

Target Enterprises

Amount Awarded: \$37,885.74

Location: Thomaston, CT

Project Description: Replace one MY 2007 Class 7 diesel-powered flatbed truck with hydraulic crane with a 2019 diesel-powered equivalent.

⁵ Please refer to the two attached DERA Quarterly Reports, covering the reporting period of January 1 to June 30, 2020, for a summary of the VW DERA Option Projects (Eligible Mitigation Action 10)

Town of Weston:

Amount Awarded: \$83,287.74; the funds will come from a combination of State DERA funds (\$31,238.49) and the **"DERA Option" under VW NOx Mitigation Trust Agreement (\$52,049.25).**

Location: Weston, CT

Project Description: Replacement of two Class 8, MY 1995 & 2001, diesel-powered maintenance dump trucks with MY 2019 diesel-powered equivalents.

Round 2 Submitted and Approved Beneficiary Eligible Mitigation Action Certification (Appendix D-4) Forms

EMA	Beneficiary Eligible Mitigation Action Title	Submittal Date	Approval Date
1	Class 8 Local Freight Trucks and Port Drayage Trucks (Eligible Large Trucks)	June 4, 2020	
2	Class 4-8 School Bus, Shuttle Bus, or Transit Bus (Eligible Buses)	June 9, 2020	
4	Ferries/Tugs	June 18, 2020	
6	Class 4-7 Local Freight Trucks (Medium Trucks)	April 7, 2020	June 7, 2020
10	Diesel Emission Reduction Act (DERA) Option	May 7, 2020	July 6, 2020

During the reporting period, no funds have been disbursed for CT Diesel Emissions Reduction Program Round 2 projects.

Connecticut is tracking administration expenses by EMA; however, Connecticut has not yet included any administrative expenses in a reimbursement request to Wilmington Trust.

**Volkswagen Diesel Emission Environmental Mitigation Trust for States
Semi-Annual Report**

Beneficiary	Connecticut
Lead Agency	Department of Energy and Environmental Protection (DEEP)
Reporting Period	January 1, 2020 - June 30, 2020

	Reporting Period	Cumulative	Beneficiary Total in Trust
Total Trust Funds Allocated		\$55,721,169.00	\$57,842,000.00 ¹
Interest Earned	\$315,000.00 ²	\$869,000.00	
Funds Expended	\$3,031,260.45	\$3,031,260.45	
Remaining Balance	\$53,004,908.55	\$53,558,908.55	

¹ Balance of \$57,842,000.00 listed in the Table was obtained from *the Volkswagen Diesel Emissions Mitigation Trust for State Beneficiaries, Puerto Rico, and District of Columbia Semi Annual Report for the Reporting Period Ending December 31, 2019*.

² Interest earned for this reporting period is estimated from the December 31, 2019 financials provided by Wilmington Trust in the *Volkswagen Diesel Emissions Mitigation Trust for State Beneficiaries, Puerto Rico, and District of Columbia Semi Annual Report for the Reporting Period Ending December 31, 2019*.

Summary of All Costs				
Project	Total Funds Budgeted	Total Funds Received	Eligible Administrative Costs	Notes
EMA 1 - Class 8 Local Freight Trucks and Port Drayage Trucks (Eligible Large Trucks)	\$2,480,950.00	\$1,429,538.59	\$372,142.50	Two (H.I. Stone & Son, Inc. and USA Hauling & Recycling) out of the three projects in EMA 1 have been completed and funds have been disbursed. Bozzuto's is the remaining project that has yet to reach completion; therefore, no funds have been disbursed for Bozzuto's project in the reporting period.
EMA 2 - Class 4-8 School Bus, Shuttle Bus, or Transit Bus (Eligible Buses)	\$1,827,333.00	\$1,186,468.40	\$274,099.95	Only one project (First Student) from this Eligible Mitigation Action Category has been completed and funds have been disbursed by the Trustee.
EMA 3 - Freight Switchers	\$0	\$0	\$0	
EMA 4 - Ferries/Tugs	\$971,720.00	\$0	\$145,758.00	The Block Island Express project has not been completed; therefore, no funds have been disbursed for EMA 4.
EMA 5 - Ocean Going Vessels (OGV) Shorepower	\$0	\$0	\$0	
EMA 6 - Class 4-7 Local Freight Trucks (Medium Trucks)	\$205,179.67	\$189,739.06	\$30,776.95	Both projects, Eder Brothers and John DeGrand and Son, Inc., in EMA 6 have been completed and Trust funds have been disbursed.
EMA 7 - Airport Ground Support Equipment	\$0	\$0	\$0	
EMA 8 - Forklifts and Port Cargo Handling Equipment	\$0	\$0	\$0	
EMA 9 - Light Duty Zero Emission Vehicle Supply Equipment	\$0	\$0	\$0	
EMA 10 - Diesel Emission Reduction Act (DERA) Option	\$225,514.40	\$225,514.40	\$33,827.16	For the DERA Option projects, both projects have been completed and the grantees have been reimbursed.
Administrative Costs	\$856,604.56	\$0	\$856,604.56	No administrative funds have been disbursed by the Trustee during this reporting period.
Totals	\$6,567,301.63	\$3,031,260.45	\$856,604.56	

Project Narrative					
Eligible Action Category	VW Funding Round	Grantee	Beneficiary Mitigation Plan Project Title	Project Description	Project Status
6	1	Eder Brothers	Replacement Beverage Trucks	The project replaced seven trucks (one Class 5 and six Class 7 trucks) with 2020 Model Year (MY) Hinodi, model 338 units. The trucks will be used to transport beverages in New Haven County and statewide.	Eder Brothers successfully replaced seven (7) beverage delivery trucks. The old delivery trucks were scrapped and documentation was provided and reviewed by CT DEEP. The project has been completed and Trust funds have been disbursed.
1	1	H.I. Stone & Son	Replacement of Seven Class 8 Diesel Trucks	H.I. Stone & Son Inc. replaced seven Class 8 diesel trucks with equivalent diesel trucks. The new trucks will be used for various purposes in some of the more congested areas in Connecticut including Waterbury, Hartford and Stamford.	H.I. Stone replaced seven (7) Class 8 diesel trucks with equivalent diesel trucks. The old Class 7 trucks were scrapped and documentation was provided and reviewed by CT DEEP. The project has been completed and Trust funds have been disbursed.
10	1	Atlas Concrete Products	2019 Mack Truck with Crane Replacement	The purpose of this project is to replace, for the Atlas Concrete Products (Atlas Concrete), one 2002 model year (MY) Mack Class 8 flatbed truck with hydraulic crane. The vehicle was replaced with a 2019 MY Mack Granite 64 FR with a Palfinger hydraulic loader crane.	Atlas has taken ownership of the new 2019 MY Mack Granite 64 FR with a Palfinger hydraulic loader crane. The old flatbed truck and hydraulic crane were scrapped and documentation was provided and reviewed by CT DEEP. The project has been completed and Trust funds have been disbursed.
1	1	USA Hauling & Recycling	16 CNG Refuse Trucks	USA Hauling & Recycling's project replaced sixteen (16) Class 8, diesel-powered refuse trucks with 16 2020 Model Year (MY) compressed natural gas (CNG)-powered equivalents. The trucks will be used to collect refuse and recyclables in and around Oakville and Waterbury, CT.	The Scope of Work was revised to reflect USA Hauling purchasing sixteen CNG-powered refuse trucks rather than the seventeen trucks awarded as part of the project. The grant amount was reduced from \$1,203,250.00 to \$1,127,750.00 accordingly. USA Hauling & Recycling has received the sixteen new CNG refuse trucks. The old diesel-powered refuse trucks were scrapped and documentation was provided and

					reviewed by CT DEEP. The project has been completed and Trust funds have been disbursed.
6	1	John DeGrand & Son, Inc.	J. DeGrand and Son Vehicle Update	The purpose of this project is to replace two trucks for John DeGrand and Son, Inc. a 2009 Model year (MY) International 7300 4x4 Series Van with a 2019 MY Workstar series 4x4 truck and a 2011 MY International 4000 Series Truck with a 2019 MY International MV series truck. The trucks will be used to transport supplies from West Haven, Connecticut, to New England and the Tri-state area, along major highway corridors in the state (I-91, I-95 and I-84).	The project is complete, the two (2) new 2019 MY International MV series trucks have been received and the old trucks have been scrapped. John DeGrand purchased the new vehicles at a cost less than the original proposal. Thus, there was a decrease in reimbursement payment. Trust funds have been disbursed for this project.
2	1	First Student	First Student - CT VW Round 1	This project replaced the twenty-two (22) MY 2006 school buses with 2018 MY Thomas Built Safe-T-Liner equivalents. These are the oldest buses in a fleet used to transport school students in Middlebury, Southbury, Hartford and Ellington, CT.	Twenty-two (22) buses instead of twenty-nine (29) buses were replaced and scrapped as a revision to First Student's original grant. To reflect the reduction in the number of buses, the original award amount of \$1,674,023.00 was adjusted to \$1,186,468.40. The project has been completed and Trust funds have been disbursed.
10	1	Sysco Corporation	2018 Sysco Connecticut Diesel Truck Emission Reduction	Replacement of two Class 7 and five Class 8 trucks with two MY 2019 Class 7 International 4300 SBA 4x2 and five MY 2019 Class 8 Mack Anthem 42T units occurred as part of this project. The trucks will be used to transport food products from Rocky Hill, Connecticut to restaurants, healthcare and educational facilities throughout the state.	The project is complete; the seven (7) new Sysco trucks, five (5) Class 8 and two (2) Class 7, have been received and the old trucks have been scrapped. Trust funds have been disbursed for this project.
1	1	Bozzuto's Inc.	Bozzuto's Inc. Fleet Truck Repower	This project replaces thirty-five (35) of Bozzuto's Class 8 trucks with MY 2020 Freightliner Cascadia and Ottawa units. The trucks will be used to transport food and household products from Cheshire, CT to retailers in Connecticut, New England, New York and New Jersey.	Bozzuto's was awarded \$1,050,000,00 towards the scrapping and Replacement of thirty-five (35) Class 8 diesel-powered tractors and yard tractors with 35 MY 2019 Class 8 diesel-powered equivalents. Bozzuto's has received and put into service thirty-five (35) brand new 2020 model tractors. All tractors have been removed

					from service and destroyed. Bozzuto's is compiling documents for its reimbursement.
2	1	Durham School Service	Durham School Bus Replacements, Stratford	The purpose of this project is to replace twenty-two (22) 2005 Model Year (MY) school buses with 2019 MY IC Integrated equivalents. The buses will be used to transport school students in Stratford, CT.	Durham has revised the scope of work to purchase twenty-two (22) instead of twenty-three (23) school buses awarded under the original grant. DEEP approved Durham's written request to modify the Scope of Work to 22 buses. Durham has issued purchase orders for all 22 buses. Durham has accepted delivery of 11 buses; the 11 replaced buses have been scrapped and the documentation has been received from the vendor. Durham has paid for eleven of the buses for a total of \$977,346.81. Delivery and scrapping of the remaining buses was delayed due to Covid-19 shutdowns and Durham has been granted an extension to July 31, 2020 to complete the project.
2	1	CT Department of Transportation (CT DOT)	Replacement of 12 Diesel Transit Buses with Battery Electric Transit Buses	The State of Connecticut Department of Transportation (CT DOT) will replace 12 model year 2005 diesel transit buses with 12 battery electric transit buses and associated charging infrastructure. The new electric buses will be garaged in Hamden, CT and operate in the New Haven, CT area.	In November 2018, the VW grant was awarded to CT DOT to purchase twelve (12) battery electric buses (BEBs) with associated electrical modifications and charging infrastructure. The electric bus Request for Proposals (RFPs) development was completed and started through the State of Connecticut competitive procurement process. CTDOT decided to issue a no award and re-advertise the RFPs after several changes were made to the RFP. The revised RFP response period concluded at the end of May 2020. DOT is actively reviewing the proposals and expects a vendor to be selected very soon. A contract was awarded to the engineering services firm to plan/design the facility electrical and bus charging infrastructure. The engineering

					firm completed assessments for the Hamden depot where the electric buses will be housed. The final assessment for the Hamden Depot has been reviewed and finalized.
4	1	Block Island Express	Repower of the M/V Cecelia Ann	The purpose of this project is for Block Island Express, LLC (Block Island Express) to repower the M/V Cecelia Ann by replacing its four existing Tier-1 compliant propulsion engines and two existing Tier-1 auxiliary generator sets with 2018 or 2019 EPA certified Tier-3 engines. The existing Tier 1 engines are higher emitting and will be replaced with more efficient engines. The project will also require new gearboxes, keel coolers, engine controls and engine management systems.	<p>Block Island Express, with the assistance of a technical consultant, conducted a competitive procurement for engines and equipment necessary for the repower of the vessel. The procurement followed an RFP process, where a detailed scope of supply was provided to ten different equipment vendors and Block Island Express received responses from five potential suppliers. Evaluation of equipment RFP responses was completed and a purchase order was issued.</p> <p>Block Island Express's technical consultant prepared an equipment installation RFP. Block Island Express, with the assistance of the technical consultant, conducted a competitive procurement for equipment installation. The procurement followed an RFP process, where a detailed scope of supply was provided to 12 different northeast and east coast shipyards; Block Island Express received responses from two vendors, one of whom provided a pricing estimate and one that declined to offer pricing. Block Island Express evaluated the results of the installation services RFP in the context of compliance with competitive procurement rules and determined that it was appropriate to move forward with the shipyard that provided pricing, and a</p>

					<p>purchase order was issued to Thames Shipyard.</p> <p>The vessel, engines and equipment were delivered to the shipyard and a delivery payment was made. Thames Shipyard repowered the vessel. The vessel successfully completed sea trials and the United States Coast Guard (USCG) inspection. The vessel returned to service on June 19, 2020. The grantee is in the process of preparing close-out documentation for the project.</p>
2	1	University of Connecticut (UCONN)	University of Connecticut Electric Transit Bus Replacement Project	Two 2005 MY transit buses owned and operated by UCONN will be replaced with two 2019 or 2020 MY full electric transit buses.	<p>On November 18, 2018, DEEP awarded the UConn VW grant award for the replacement of two diesel buses with two electric buses, one in Stamford and one at the UConn main campus. On August 8, 2019, UConn informed DEEP of their intention to transfer all fleet operation over to the Connecticut Department of Transportation (CT DOT), and requested that the VW grant award be assigned to CT DOT. Via letter on October 9, 2019, DEEP informed UConn that the grant award could be assigned to CT DOT provided that written and signed documentation was attained from both parties stipulating that the assignee would accept all the terms of the award as required by the grant administration documents and trustee requirements. As of a December 13, 2019 email, UConn informed DEEP that UConn and CT DOT were in the midst of transfer of the UConn Fleet to CT DOT and that documents necessary for that transfer were under review by the state Attorney</p>

					<p>General. Further, UConn indicated intent to assign the VW grant to CT DOT, and that a joint statement would be made, including a timeline for completion of the project and acknowledgement from CT DOT that they would accept the terms of the award. (Note that DOT has been granted two separate awards during rounds 1 and 2 of DEEP VW grant process.</p>
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**U. S. Environmental Protection Agency
 State Clean Diesel Grant Program - Quarterly Report**

Grant Recipient	The Connecticut Department of Energy and Environmental Protection (DEEP)
Grant #	DS - 00A00154 - 5
Reporting Period	April 1 - June 30, 2020

WORKPLAN BUDGET	FY17	FY18
Total EPA Funds Awarded	\$353,697.00	\$413,031.00
Total Mandatory Cost-Share		
Total Voluntary Matching Funds	\$235,798.00	\$391,093.00
Total Project Costs	\$589,495.00	\$804,124.00

	Federal Funds Expended this Reporting Period	Mandatory Cost-Share Expended this Reporting Period	Voluntary Match Expended this Reporting Period		Cumulative Federal Funds Expended	Cumulative Mandatory Cost-Share Expended	Cumulative Voluntary Match Expended	
			Mitigation Funds	Other Funds			Mitigation Funds	Other Funds
Personnel					\$59,025.44			
Fringe Benefits					\$51,747.15			
Travel								
Equipment								
Supplies								
Contractual								
Subawards								
Participant Support Costs (e.g., Rebates)	\$244,401.59		\$149,233.61		\$536,511.05		\$225,514.40	\$100,679.56
Other Leveraged Funds		\$470,976.39				\$2,550,929.22		
Indirect Charges					\$19,224.77			
TOTALS	\$244,401.59	\$470,976.39	\$149,233.61	\$0.00	\$666,508.41	\$2,550,929.22	\$225,514.40	\$100,679.56

Question	Answer
What actual accomplishments occurred during the reporting period?	<p>CT Dept. of Energy & Environmental Protection (DEEP) State DERA Administrative Activities: DEEP assisted grantees in completing their projects and obtaining reimbursements. All of the projects selected in FY2018 have been completed and only one reimbursement remains to be made.</p> <p>In the eleventh quarter, DEEP assisted the two new grantees in developing Scopes of Work (SOWs) for their projects. Contracts were developed to implement the projects.</p> <p>The D-4 forms for the 2019 and new 2018 DERA Option projects were finalized and submitted to Wilmington Trust on May 5, 2020; as per the settlement decree, an answer is expected within 60 days.</p> <p>DEEP completed and submitted its 2020 State DERA workplan to its Project Officer on April 15, 2020. It was approved on May 11, 2020 and the application was submitted to EPA via grants.gov on May 14, 2020.</p> <p>DEEP monitored the new projects to help insure completion by the end of the project period.</p> <p>Sysco Corporation (Sysco) 7-Truck Replacement Project: DEEP granted \$149,233.61 to Sysco Leasing, LLC for the replacement of five, MY 2005-2006, Class 8 diesel freight trucks and two, MY 2006 Class 7 diesel freight trucks with 2019 MY diesel equivalents. The funds will come from the "DERA Option" under VW NOx Mitigation Trust Agreement. Having been granted an extension to accommodate delayed delivery of the Class 7 trucks, Sysco submitted its reimbursement request on March 31, 2020; after revision, the final request was advanced for internal review June 1, 2020. DEEP approved the reimbursement request on June 18, 2020. The request was forwarded to WT on June 30, 2020 and approved for payment under the VW DERA Option on July 1, 2020.</p> <p>Tirollo Bus Company, LLC (Tirollo 2019): Tirollo was originally awarded a grant of \$39,429.47 to replace two diesel-powered school buses, MY 2000 and 2008, with 2021, gasoline-powered equivalents. This is the second DERA-funded project in Tirollo's ongoing plan to upgrade its school bus fleet. However, because of the Covid-19 school shutdown, the company could only afford to replace one of its buses this year and requested a revision of the grant. The funds for Tirollo's second bus were divided proportionally between Gateway and Tirollo giving Tirollo a grant of \$20,718.83, which is still less than 25% of the revised project cost of \$85,970.00. The funds will come from the FY 2017-2018 State DERA allocation and bonus. The contract for the revised project was signed May 22, 2020. The bus is scheduled to be built in July.</p> <p>Gateway Terminal, LLC (Gateway): Because of the revision to Tirollo's grant, DEEP increased Gateway's grant to \$386,083.12 for the replacement of six Class 8 diesel drayage trucks, MY 2006-2009 operating out of the Port of New Haven, with 2021 MY diesel equivalents. \$285,637.60 will come from the "DERA Option" under VW NOx Mitigation Trust Agreement, \$85,386.37 from FY 2017-2018 State DERA allocation and bonus, and \$15,059.15 is from State SEP funds added as an increase to the 2017-2018 voluntary match. The projected cost is \$801,000.00 and the total grant represents less than 50% of the projected cost of the six 2021 MY replacement trucks. The contract for the project was signed June 9, 2020. In the eleventh quarter, Gateway accepted delivery of the new trucks and completed the outfitting (graphics, pumps) process. Scrappage will proceed upon registration of the new trucks. Gateway also began planning a press event for the inauguration of the new fleet.</p>

<p>Did you award any rebates or subawards during the reporting period? If so, list the recipients and how much funding they received.</p>	<p>Burlington Dump Truck Replacement Project: Burlington has completed its project to replace a dump truck and the reimbursement request for \$42,029.59 was approved July 30, 2019. DERA funds were drawn down June 22, 2020.</p> <p>Coventry 2018 Snowplowing Dump Truck Project: Coventry submitted and DEEP approved a request for final reimbursement of \$49,210.99 for a new dump truck October 21, 2019. A portion of these funds, \$45,115.77, were drawn from the 2018 DERA allocation February 3, 2020; the remainder, \$115.67, was drawn down June 22, 2020</p> <p>East Hartford Backhoe & Mower Replacement Project: East Hartford has completed its project to replace two commercial mowers and a backhoe; the reimbursement request for \$90,231.70 was submitted and approved for payment on September 12, 2019. \$81,013.28 in DERA funds were drawn down June 22, 2020. The remaining \$9,218.42 will be drawn down in the twelfth quarter.</p> <p>Savino School Bus Replacement Project (Diesel to Propane): Savino completed its project to replace two diesel school buses with propane equivalents; the reimbursement request for \$43,311.22 was approved for payment on August 27, 2019. DERA funds were drawn down June 22, 2020.</p> <p>State Line Tractor Replacement Project: State Line completed its project to replace a diesel tractor and submitted its reimbursement request package, which was approved for payment on August 16, 2019. The DERA portion of its funding, \$14,694.21, was drawn down in June 22, 2020</p> <p>West Hartford 2018: West Hartford completed its project to replace a dump truck and the reimbursement request for \$63,237.62 was approved for payment on August 29, 2019. These funds were drawn from the 2018 DERA allocation June 22, 2020.</p> <p>Sysco Leasing submitted its request for reimbursement of \$149,233.61, which was approved for payment on June 18, 2020. The request was forwarded to WT on June 30, 2020 and approved for payment under the VW DERA Option on July 1, 2020. This is the second DERA Option payment processed by DEEP.</p>
<p>Provide a comparison of actual accomplishments with the anticipated outputs/outcomes and timelines/milestones specified in the project Work Plan.</p>	<p>All projects are on schedule or have been completed. As was discussed above, Tirollo Bus, having experienced business losses due to the Covid-19 school shutdown, requested that its project be reduces to one bus from two.</p>
<p>If anticipated outputs/outcomes and/or timelines/milestones are not met, why not? Did you encounter any problems during the reporting period which may interfere with meeting the project objectives?</p>	<p>All projects are on schedule or have been completed. As was discussed above, Tirollo Bus, having experienced business losses due to the Covid-19 school shutdown, requested that its project be reduces to one bus from two.</p>
<p>How do you propose to remedy any problems? Identify how and the date you will get back on course to meet the anticipated outputs/outcomes and/or timelines/milestones specified in the project work plan.</p>	<p>All projects are on schedule or have been completed. Tirollo's was one of two projects meeting the eligibility requirements for 2018 DERA; the funds allocated for the second bus were divided proportionally between Tirollo and Gateway. After the revision, the increased percentages of total cost remained below the maximum allowed for each type of project.</p>
<p>If any cost-shares are reported for this Reporting Period in Table 1 above, identify the source of the funds.</p>	<p>Sysco contributed \$470,976.39 in other leveraged funds as its cost share for the project.</p>
<p>Was any program income generated during the reporting period? Identify amount of program income, how it was generated, and how the program income was/will be used.</p>	<p>No project income was generated in this quarter.</p>
<p>Did any public relations events regarding this grant take place during the reporting period?</p>	<p>On May 22, 2020, DEEP participated in one of a series of EV School Bus Toolkit webinars sponsored by Live Green, Connecticut Southwestern Area Clean Cities Coalition. DERA and VW funding opportunities and requirements were presented and questions were taken.</p>
<p>What is the URL for the state website listing the total number and dollar amount of subawards, rebates, or loans provided, as well as a breakdown of the technologies funded? Please also list any other state websites used for outreach related to the State DERA Grant Program.</p>	<p>DEEP maintains a website for Diesel Grants and Funding. Information about this and other diesel grant programs administered by DEEP's Bureau of Air Management can be found on the DEEP website at: https://portal.ct.gov/DEEP/Air/Mobile-Sources/DERA-Grants</p> <p>DEEP has also established a website for its Volkswagen NO_x Mitigation Program. In accordance with the requirements of the VW Settlement, projects selected for "DERA Option" VW funding in the 2018 State DERA solicitation will be posted here once the projects have been submitted to Wilmington Trust and approved. https://portal.ct.gov/DEEP/Air/Mobile-Sources/VW/VW-Settlement---Home</p>
	<p>DEEP State DERA Administrative Activities: In the twelfth quarter, DEEP will complete the execution of contracts and purchase orders for implementing the two new projects. DEEP will continue to monitor the progress of the projects, providing advice and assistance as required.</p> <p>Gateway: Gateway will be scrapping its replaced trucks in the twelfth quarter and compile documentation for reimbursement. A press event is also being planned to launch the new vehicles.</p> <p>Tirollo 2019: Tirollo's bus is scheduled to be built in July, with scrappage to follow.</p> <p>Atlas Concrete Flatbed Truck & Crane Replacement Project: In the tenth quarter, Atlas completed its project and submitted its reimbursement request, which was approved February 28, 2020. Payment was issued by Wilmington Trust in March of 2020. No further work is required.</p> <p>Beacon Falls Dump Truck Replacement Project: Beacon Falls completed its project to replace a dump truck and the reimbursement request was approved October 17, 2019. DERA funds were drawn down in the tenth quarter. No further work is required.</p> <p>Burlington Dump Truck Replacement Project: Burlington has completed its project to replace a dump truck and the reimbursement request was approved July 30, 2019. DERA funds were drawn down in the eleventh quarter. No further work is required.</p>

Coventry 2018 Snowplowing Dump Truck Project: Coventry completed its project to replace a dump truck; the reimbursement request was approved for payment on October 22, 2019. A portion of the DERA funds were drawn down in the tenth quarter, the remainder was drawn down in the eleventh quarter. No further work is required.

East Hartford Backhoe & Mower Replacement Project: East Hartford has completed its project to replace two commercial mowers and a backhoe; the reimbursement request was submitted and approved for payment on September 12, 2019. \$80,629.75 in DERA funds were drawn down in the eleventh quarter. The remaining \$9,601.95 will be drawn down in the twelfth quarter.

Savino School Bus Replacement Project (Diesel to Propane): Savino completed its project to replace two diesel school buses with propane equivalents; the reimbursement request was approved for payment on August 27, 2019. DERA funds were drawn down in the eleventh quarter. No further work is required.

State Line Tractor Replacement Project: State Line completed its project to replace a diesel tractor and submitted its reimbursement request package, which was approved for payment on August 16, 2019. The DERA portion of its funding were drawn down in the eleventh quarter. No further work is required.

Sysco 7-Truck Replacement Project: Sysco has completed its project and submitted its reimbursement request. In the eleventh quarter, DEEP approved Sysco's reimbursement request package and submitted it to Wilmington Trust for payment. No further work is required.

Tirollo Bus School Bus Replacement Project (Tirollo 2018 Diesel to Gasoline): Tirollo completed its project to replace a diesel-powered school bus with a gasoline-powered equivalent; the reimbursement request was approved for payment October 7, 2019. DERA funds were drawn down in the tenth quarter. No further work is required.

West Hartford Dump Truck Replacement Project: West Hartford has completed its project to replace a dump truck and the reimbursement request was approved for payment on August 29, 2019. DERA funds were drawn down in the eleventh quarter. No further work is required.

Guilford Lobster Pound Marine Repower Project: Guilford Lobster Pound's project was completed April 24, 2019. No further work is required.

King Lobster Marine Repower Project: This project was completed and reimbursement approved August 29, 2019. No further work is required.

Thimble Islands Ferry Marine Repower Project: Thimble Islands Ferry completed its project to repower the *MV Adriaen B* and submitted its request for reimbursement, which was approved July 29, 2019. No further work is required.

MDC VACTOR Truck Replacement Grant: This project was completed and reimbursement approved October 3, 2018, ahead of schedule. No further work is required.

Coventry FY 2017 Snowplowing Dump Truck Replacement Project: This project was completed and reimbursement approved March 13, 2019. No further work is required.

C & S Wholesale Grocers, Inc. (C & S) Windsor Locks Idle Reduction Project: C & S withdrew from the program on January 31, 2019 citing multiple business challenges that have reduced available personnel and financial resources. No further work is required.

Wethersfield Dump Truck Replacement Project: Wethersfield withdrew from the program on April 2, 2019 because the Town Council declined to approve the purchase of the new truck. No further work is required.

What project activities are planned for the next reporting period?

Table 3. Subaward Reporting Requirements	
Requirement	Response
Summaries of results of reviews of financial and programmatic reports	DEEP operates its State DERA Program exclusively as a rebate program; no subawards are granted.
Summaries of findings from site visits and/or desk reviews to ensure effective subrecipient performance	
Environmental results the subrecipient achieved	
Summaries of audit findings and related pass-through entity management decisions	
Actions the pass-through entity has taken to correct deficiencies such as those specified at 2 CFR 200.331(e), 2 CFR 200.207 and the 2 CFR Part 200.338 Remedies for Noncompliance	

Grant Recipient	The Connecticut Department of Energy and Environmental Protection (DEEP)
Grant #	DS - 00A00154 - 5
Reporting Period	April 1 - June 30, 2020

Fleet Information	Group 1: MDC	Group 2: Woodstock Academy: This project was terminated 2/28/18	Group 3: C & S Wholesale Grocers: This project was terminated 1/31/19	Group 4: Town of Coventry, 2017	Group 5: Atlas Concrete Products
Fiscal Year of EPA Funds Used:	2017	2017	2017	2017	2018
Vehicle Or Engine Group Name:	VACTOR Truck	School Bus	TRU Trailers	Truck Stop Electrification	Snowplowing Dump Truck
Fleet Owner:	The Metropolitan District (MDC)	Woodstock Academy	C & S Wholesale Grocers, Inc.	Town of Coventry, CT	Atlas Concrete Products
Vehicle or Engine Group Type:	On Highway	On Highway	On Highway	NonRoad	On Highway
Primary Place of Performance	Hartford County, CT	Tolland County, CT	Windsor Locks, CT	Tolland County, CT	Statewide
- State(s):	CT	CT	CT	CT	CT
- County:	Hartford	Tolland	Hartford	Tolland County	Hartford County
- City:	Hartford	Westbrook	Windsor Locks	Coventry	New Britain
- Zip Code:	06142	06281	06096	06238	06053
Target:	Short Haul - Single Unit	School Bus	School Bus	Ports and Airports	Short Haul - Single Unit
Vehicle Class or Equipment Type:	Class 8	School Buses	School Buses	ACRefrigeration	Class 8
Quantity:	1	1	1		1
Vehicle Identification Number(s):	2FZHAZDE27AX52861			1HTSDAAR52H520492	1M2K189C23M021426
Vehicle Make:	Sterling			International	Mack
Vehicle Model:	LT9500			4900	600
Vehicle Model Year:	2007			2002	2003
Engine Serial Number(s) :	KCB88752			1325340	2C0239
Engine Make:	Caterpillar			International	Mack
Engine Model:	C13			DT466	E7-350
Engine Model Year:	2006			2001	2002
Engine Tier:					NA
Engine Horsepower:	380			290	390
Engine Cylinder Displacement:	12.5			466 Cubic Inch	11.9
Engine Number of Cylinders:	6			6 Cylinders	6
Engine Family Name:	6CPXH0763EBK			1NVXH0466ANB	2MKXH11.9V60
Engine Fuel Type:	ULSD			ULSD	ULSD
Annual Amount of Fuel Used:	3313			1600	10,465
Annual Usage Rate:					
Annual Miles Traveled:	11400			4000	45,000
Annual Idling Hours:	890			2000	600
Annual Hoteling Hours:					
Remaining Life:	7			4	4
Normal Attrition Year:	2022			2022	2022
Year of Upgrade Action:	2018			2018	2019
Upgrade Type:	Vehicle Replacement			Vehicle Replacement	Vehicle Replacement
Upgrade:	Vehicle Replacement - Diesel			Vehicle Replacement - Diesel	Vehicle Replacement - Diesel
Upgrade Cost Per Unit:	\$564,353.00			\$194,637.52	\$317,020
Upgrade Labor Cost Per Unit:					
New Engine Model Year:	2018			2018	2019
New Engine Tier:					NA
New Engine Horsepower:	500			370	455
New Engine Duty Cycle:					NA
New Engine Cylinder Displacement:	14.9 Liters			8.9 liter	13 L
New Engine Number of Cylinders:	6			6 Cylinders	6
New Engine Family Name:	JCEXH0912XAW			JCEXH0540LAT	KVPTH12.8G01
New Engine Fuel Type:	ULSD			ULSD	ULSD
Annual Idling Hours Reduced:					
Annual Hoteling Hours Reduced:	NA			NA	NA
Annual Diesel Gallons Reduced:	0			NA	4000

CURRENT VEHICLE INFORMATION

NEW VEHICLE/UPGRADE INFORMATION

The Connecticut Department of Energy and Environmental Protection (DEEP)
DS - 00A00154 - 5
April 1 - June 30, 2020

Group 6: Savino Transportation, Inc.		Group 7: State Line Propane		Group 8: Sysco Leasing		Group 9: Tirollo Bus		Group 10: Town of Beacon Falls		Group 11: Town of Burlington	
2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018
School Bus	School Bus	Tractor	Tractor	Food Delivery Trucks	Food Delivery Trucks	School Bus	School Bus	Dump Truck	Dump Truck	Snowplowing Dump Truck	Snowplowing Dump Truck
Savino Transportation, Inc.	Savino Transportation, Inc.	State Line Propane, LLC	State Line Propane, LLC	Sysco Leasing, Inc.	Sysco Leasing, Inc.	Tirollo Bus Company	Tirollo Bus Company	Town of Beacon Falls	Town of Beacon Falls	Town of Burlington	Town of Burlington
On Highway	On Highway	On Highway	On Highway	On Highway	On Highway	School Bus	School Bus	On Highway	On Highway	On Highway	On Highway
Windham County	Windham County	Hartford County	Hartford County	Statewide	Statewide	Orange	Orange	Beacon Falls	Beacon Falls	Burlington	Burlington
CT	CT	CT	CT	Connecticut	Connecticut	CT	CT	CT	CT	CT	CT
Windham County	Windham County	Hartford County	Hartford County	Hartford County	Hartford County	New Haven County	New Haven County	New Haven County	New Haven County	Hartford	Hartford
Scotland	Scotland	Granby	Granby	Rocky Hill	Rocky Hill	Orange	Orange	Beacon Falls	Beacon Falls	Burlington	Burlington
06264	06264	06035	06035	06067	06067	06477	06477	06403	06403	06013	06013
School Bus	School Bus	Short Haul - Single Unit	Short Haul - Single Unit	Short Haul - Combination	Short Haul - Combination	School Bus	School Bus	Short Haul - Single Unit	Short Haul - Single Unit	Short Haul - Single Unit	Short Haul - Single Unit
School Buses	School Buses	Class 8	Class 7	Class 8	Class 8	School Bus	School Bus	Class 8	Class 8	Class 8	Class 8
1	1	1	2	2	3	1	1	1	1	1	1
1BAKFKKH78F246705	1BAKFKKH98F246706	1HTSCAAN8YH255706	4V5NC9GF37N450492, 4V5NC9GF37N450493	4V4M19GF26N445160, 4V4M19GF66N445162	4V4M19GF97N466797, 4V4M19GF77N466801, 4V4M19GF97N466802	4UZABRDC58CZ11325	4UZABRDC58CZ11325	1HTGBADR7YH289689	1HTGBADR7YH289689	1HTSDAAR6WH527795	1HTSDAAR6WH527795
Bluebird	Bluebird	International	Volvo	Volvo	Volvo	Freightliner	Freightliner	International	International	International	International
Vision	Vision	4700	VNL	VNM	VNM	C2	C2	2554	2554	4900	4900
2008	2008	2000	2006	2005	2006	2008	2008	2000	2000	1997	1997
WAX69117	WAX68948	470HM2U1202619	558752, 558817	548557, 551567	584922, 584522, 584634	WAX68443	WAX68443	531HM2U1203751	531HM2U1203751	1064058	1064058
Caterpillar	Caterpillar	International	Volvo	Volvo	Volvo	Caterpillar	Caterpillar	International	International	International	International
C7	C7	DT466E	VE-D12	VE-D12	VE-D12	CAT C7	CAT C7	DT530	DT530	DT466	DT466
2006	2006	2000	2006	2005	2006	2006	2006	2000	2000	1997	1997
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
190	190	195	365	365	365	210	210	215	215	250	250
7.2	7.2	7.6	12.13 L.	12.13 L.	12.13 L.	210	210	8.7	8.7	7.6	7.6
6	6	6	6	6	6	8	8	6	6	6	6
6CPXH0442HBK	6CPXH0442HBK	YNVXH0466ANA	6VTXH12.150S	5VTXH12.150S	6VTXH12.150S	6CPXH0442HBK	6CPXH0442HBK	YNVXL0530ANA	YNVXL0530ANA	VNV4668DASA	VNV4668DASA
ULSD	ULSD	ULSD	ULSD	ULSD	ULSD	ULSD	ULSD	ULSD	ULSD	ULSD	ULSD
1327	1865	11,000	2,208 & 1,193	3,940 & 2,316	2,896 & 2,535 & 4,660	4000	4000	815	815	900	900
NA	NA	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA
9,997	14,741	61,943	14,431 & 12,123	23,693 & 13,690	18,770 & 17,442 & 28,087	16,000	16,000	3,000	3,000	5108	5108
57	57	300	106 & 156	145 & 162	77 & 391 & 119	1000	1000	200	200	453	453
NA	NA	N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA
5	5	3	6	5	6	5	5	3	3	5	5
2023	2023	2021	2024	2023	2024	2023	2023	2021	2021	2023-2024	2023-2024
2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019
Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement
Vehicle Replacement - LPG/Propane	Vehicle Replacement - LPG/Propane	Vehicle Replacement - Diesel	Vehicle Replacement - Diesel	Vehicle Replacement - Diesel	Vehicle Replacement - Diesel	Vehicle Replacement - Gasoline	Vehicle Replacement - Gasoline	Vehicle Replacement - Diesel	Vehicle Replacement - Diesel	Vehicle Replacement - Diesel	Vehicle Replacement - Diesel
\$92,500.00	\$92,500.00	\$129,444.00	\$59,920.00	\$100,074.00	\$100,074.00	\$88,164.00	\$88,164.00	\$188,072.35	\$188,072.35	\$174,673.00	\$174,673.00
2020	2020	2019	2019	2019	2019	2020	2020	2019	2019	2020	2020
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
320	320	470	220	345	345	265	265	370	370	370	370
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
6.8 L	6.8 L	12.8	12.8L	11 L.	11 L.	8.8	8.8	8.9	8.9	8.9	8.9
10	10	6	6	6	6	8	8	6	6	6	6
KRIIE06.8BWL	KRIIE06.8BWL	KDDXH12.8FED	KDDXH12.8FED	KVPTH10.8G01	KVPTH10.8G01	KPSIE08.8GAS	KPSIE08.8GAS	KCEXH0540LAX	KCEXH0540LAX	KCEXH0540LAX	KCEXH0540LAX
LPG	LPG	ULSD	ULSD	ULSD	ULSD	Gasoline	Gasoline	ULSD	ULSD	ULSD	ULSD
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1327	1865	146	146	458	302	1714	1714	415	415	436	436

Group 12: Town of Coventry, 2018	Group 13: Town of East Hartford			Group 14: Town of West Hartford	Group 15: Town of Wethersfield; This project was terminated 4/2/19
2018	2018	2018	2018	2018	2018
Snowplowing Dump Truck	John Deere Backhoe	Detroit Diesel Mower	Kubota Mower	Maintenance Dump Truck	
Town of Coventry, CT		Town of East Hartford		Town of West Hartford	Town of Wethersfield
On Highway	NonRoad	NonRoad	NonRoad	On Highway	On Highway
Tolland County, CT		East Hartford,		West Hartford	
CT		Connecticut		CT	
Tolland County		Hartford		Hartford County	
Coventry		East Hartford,		West Hartford	
06238		06108		06110	
Short Haul - Single Unit	Construction	Agriculture	Agriculture	Short Haul - Single Unit	Short Haul - Single Unit
Class 8	Tractors/Loaders/Backhoes	Agricultural Mowers	Agricultural Mowers	Class 8	Class 8
1	1	1	1	1	
1HTWDAZR66J348994	T0310SE880786	70525 1722	705280 1860	1FDYK90U05VA35224	
International	John Deere	Detroit Diesel	Kubota	Ford	
7400	John Deere 310E	Jacobsen HR 9016	Jacobsen HR 9016	L9000	
2006	1999	2001	2010	1995	2002
570HM242097310	T04045T830181	77B/1-2166	GB20891-2007	1174341	
International	John Deere	VM Motori	Kubota	Cummins	
DT570	4045T	D704LTE	V3300-DI-T-ES01	N14-350E	
2005	1999	2000	2007	1995	
	Tier 1	Tier 1	Tier 1	NA	
300	88	87	88	350	
9.3	4.5	2.7	3.318 L	14 L	
6	4	4	4	6	
5NVXH0570AEA	NA	YV5XL02.8R2V	7KBLXL03.3AAD	RCE855EJDASW	
ULSD	ULSD	ULSD	ULSD	ULSD	
1600	500.7	719.1	1175.8	1000	
NA	970	500	678	NA	
4000	NA	NA	NA	3870	
2000	NA	NA	NA	110	
NA	NA	NA	NA	NA	
4	8 years	3 years	9 years	6 years	
2022	2026	2021	2027	2024	
2019	2019	2019	2019	2019	
Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement
Vehicle Replacement - Diesel	Vehicle Replacement - Diesel	Vehicle Replacement - Diesel	Vehicle Replacement - Diesel	Vehicle Replacement - Diesel	Vehicle Replacement - Diesel
\$205,000.00	\$135,000.00	\$120,000.00	\$120,000.00	\$262,813.47	
2020	2019	2019	2019	2019	
NA	4	3	3	NA	
370	74	80-110	80-110	350-505	
	NA	NA	NA	NA	
8.9 liter	4.5 L.	3.3	3.3	12.8	
6	4	4	4	6	
KCEXH0540LAX	KPKXL04.4MT1	KYDXL3.32TDA	KYDXL3.32TDA	KDDXH12.8FED	
ULSD	ULSD	ULSD	ULSD	ULSD	ULSD
	NA	NA	NA		
NA	NA	NA	NA	NA	
NA	0	0	0	613	

Grant Recipient	The Connecticut Department of Energy and Environmental Protection (DEEP)
Grant #	DS - 00A00154 - 5
Reporting Period	April 1 - June 30, 2020

Fleet Information		Group 1: Guilford Lobster Pound
CURRENT VEHICLE INFORMATION	Fiscal Year of EPA Funds Used:	2018
	Name of Vessel:	<i>FV Erica Paige</i>
	Total # of Propulsion Engines	1
	Total # of Auxiliary Engines	0
	Vehicle Or Engine Group Name:	Guilford Lobster Pound
	Fleet Owner:	Bart Mansi
	Application:	Commercial Fishing
	Primary Place of Performance	Long Island Sound
	- State(s):	Connecticut, New York, Rhode island
	- County:	New Haven
	- City:	Guilford
	- Zip Code:	06437
	Engine Group Type:	propulsion
	Quantity:	1
	Engine Serial Number(s) :	4TB05456
	Engine Make:	Caterpillar
	Engine Model:	3406
	Engine Model Year:	1997
	Engine Tier:	Tier 0
	Engine Horsepower:	581
	Engine Cylinder Displacement:	1.2 <= size <2.5
	Engine Number of Cylinders:	6
	Engine Total Displacement:	14.6 L.
	Engine Family Name:	NA
	Engine Fuel Type:	ULSD
	Annual Amount of Fuel Used:	14000
	Annual Usage Rate:	1600 hrs.
	Remaining Life:	3
	Normal Attrition Year:	2021
	NEW VEHICLE/UPGRADE INFORMATION	Year of Upgrade Action:
Upgrade Type:		Engine Replacement
Upgrade:		Engine Replacement - Diesel
Upgrade Cost Per Unit:		\$74,141.00
Upgrade Labor Cost Per Unit:		\$38,003.69
New Engine Model Year:		2019
New Engine Tier:		Tier 3
New Engine Horsepower:		610
New Engine Cylinder Displacement:		2.5<= size <3.5
New Engine Number of Cylinders:		6
New Engine Total Displacement:		10.8
New Engine Family Name:		KCEXN10.8AAB
New Engine Fuel Type:	ULSD	
Annual Diesel Gallons Reduced:	7,136	

Grant Recipient	The Connecticut Department of Energy and Environmental Protection (DEEP)
Grant #	DS - 00A00154 - 5
Reporting Period	April 1 - June 30, 2020

Fleet Information		Group 1: King Lobster
CURRENT VEHICLE INFORMATION	Fiscal Year of EPA Funds Used:	2018
	Name of Vessel:	<i>FV Kory Alexander</i>
	Total # of Propulsion Engines	1
	Total # of Auxiliary Engines	0
	Vehicle Or Engine Group Name:	King Lobster
	Fleet Owner:	Donald J. King, II
	Application:	Commercial Fishing
	Primary Place of Performance	Long island Sound
	- State(s):	CT
	- County:	New Haven
	- City:	Branford
	- Zip Code:	06405
	Engine Group Type:	propulsion
	Quantity:	1
	Engine Serial Number(s) :	2071166620
	Engine Make:	Volvo
	Engine Model:	TAMD-74
	Engine Model Year:	2003
	Engine Tier:	Tier 0
	Engine Horsepower:	294
	Engine Cylinder Displacement:	0.9 <= size < 1.2
	Engine Number of Cylinders:	6
	Engine Total Displacement:	7.28
	Engine Family Name:	3VPXL07.3ACB
	Engine Fuel Type:	ULSD
	Annual Amount of Fuel Used:	3100
	Annual Usage Rate:	1600
	Remaining Life:	3
Normal Attrition Year:	2021	
NEW VEHICLE/UPGRADE INFORMATION	Year of Upgrade Action:	2019
	Upgrade Type:	Engine Replacement
	Upgrade:	Engine Replacement - Diesel
	Upgrade Cost Per Unit:	\$23,560.00
	Upgrade Labor Cost Per Unit:	\$4,762.00
	New Engine Model Year:	2018
	New Engine Tier:	Tier 3
	New Engine Horsepower:	290
	New Engine Cylinder Displacement:	1.2 <= size <2.5
	New Engine Number of Cylinders:	6
	New Engine Total Displacement:	8.9
	New Engine Family Name:	JCEXN08.9AAA
New Engine Fuel Type:	ULSD	
Annual Diesel Gallons Reduced:	2400	

Grant Recipient	The Connecticut Department of Energy and Environmental Protection (DEEP)
Grant #	DS - 00A00154 - 5
Reporting Period	April 1 - June 30, 2020

Fleet Information		Group 1: Thimble Islands Ferry
CURRENT VEHICLE INFORMATION	Fiscal Year of EPA Funds Used:	2018
	Name of Vessel:	<i>MV Adraien B</i>
	Total # of Propulsion Engines	1
	Total # of Auxiliary Engines	0
	Vehicle Or Engine Group Name:	Thimble Islands Ferry
	Fleet Owner:	William Smith
	Application:	Ferry/Excursion
	Primary Place of Performance	Long Island Sound
	- State(s):	CT
	- County:	New Haven
	- City:	Branford
	- Zip Code:	06405
	Engine Group Type:	propulsion
	Quantity:	1
	Engine Serial Number(s) :	620256NC610
	Engine Make:	Westerbeke
	Engine Model:	4-107
	Engine Model Year:	1986
	Engine Tier:	Tier 0
	Engine Horsepower:	25
	Engine Cylinder Displacement:	0.9 <= size < 1.2
	Engine Number of Cylinders:	4
	Engine Total Displacement:	1.75 L.
	Engine Family Name:	engine is too old
	Engine Fuel Type:	ULSD
	Annual Amount of Fuel Used:	740
	Annual Usage Rate:	1480
	Remaining Life:	3
	Normal Attrition Year:	2022
	NEW VEHICLE/UPGRADE INFORMATION	Year of Upgrade Action:
Upgrade Type:		Engine Replacement
Upgrade:		Engine Replacement - Diesel
Upgrade Cost Per Unit:		\$13,557.00
Upgrade Labor Cost Per Unit:		\$21,976.00
New Engine Model Year:		2019
New Engine Tier:		Tier 3
New Engine Horsepower:		30
New Engine Cylinder Displacement:		size < 0.9
New Engine Number of Cylinders:		3
New Engine Total Displacement:		1.123
New Engine Family Name:		KBTAN01.5BCD
New Engine Fuel Type:	ULSD	
Annual Diesel Gallons Reduced:	355	



July 23, 2020

Ms. Elizabeth Townsend
U.S. EPA Region 1
5 Post Office Square – Suite 100
ORA 01-1
Boston, MA 02109-3912

Re: Third Quarterly Report on the FY 2019 State DERA Grant, Connecticut DS 00A00174 - 0

Dear Ms. Townsend:

The Connecticut Department of Energy and Environmental Protection (DEEP) is pleased to submit its third quarterly report for State Diesel Emission Reduction Act (DERA) Grant, Connecticut DS 00A00174 - 0. This report covers work performed between April 1 and June 30, 2020 on the Connecticut Clean Diesel Program. As of the end of this quarter, nine projects are underway for the FY 2019 funding, which DEEP will be augmenting with Volkswagen NOx Mitigation Trust (VW Trust) funds under the “DERA Option.” Two early replacement projects have also been initiated, which are eligible to receive funds remaining from the 2017-2018 State DERA allocation. During this reporting quarter:

- DEEP prepared and EPA approved a workplan and budget narrative for its 2020 State DERA application, which was submitted via grants.gov on May 14, 2020;
- The D-4 forms for the DERA Option projects were prepared and submitted to Wilmington Trust on May 5, 2020 and approved by the Trustee on July 6, 2020;
- Six municipal maintenance truck replacement projects and three commercial truck replacement projects are now moving forward; DEEP developed Purchase Orders and contracts to implement the projects;
- Two of those projects, Target Enterprises and Kay’s Trucking, were completed and reimbursement paperwork is being compiled for submission.

If you have additional questions regarding this report or the status of Connecticut’s Clean Diesel Program, please contact Patrice Kelly at patrice.kelly@ct.gov.

Yours truly,

A handwritten signature in black ink that reads "Paul E. Farrell". The signature is written in a cursive, slightly slanted style.

Paul E. Farrell
Director, Planning & Standards Division
Bureau of Air Management

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

Grant Recipient	The Connecticut Department of Energy and Environmental Protection (DEEP)
Grant #	DS - 00A00174 - 0
Reporting Period	April 1 - June 30, 2020

WORKPLAN BUDGET	FY19	FY 20
Total EPA Funds Awarded	\$479,775.00	
Total Mandatory Cost-Share		
Total Voluntary Matching Funds	\$319,850.00	
Total Project Costs	\$799,625.00	

	Federal Funds Expended this Reporting Period	Mandatory Cost-Share Expended this Reporting Period	Voluntary Match Expended this Reporting Period		Cumulative Federal Funds Expended	Cumulative Mandatory Cost-Share Expended	Cumulative Voluntary Match Expended	
			Mitigation Funds	Other Funds			Mitigation Funds	Other Funds
Personnel	\$31,542.93				\$31,542.93			
Fringe Benefits	\$27,823.31				\$27,823.31			
Travel								
Equipment								
Supplies								
Contractual								
Subawards								
Participant Support Costs (e.g., Rebates)								
Other Leveraged Funds		\$336,492.21				\$336,492.21		
Indirect Charges	\$12,039.94				\$12,039.94			
TOTALS	\$71,406.18	\$336,492.21	\$0.00	\$0.00	\$71,406.18	\$336,492.21	\$0.00	\$0.00

Question	Answer
What actual accomplishments occurred during the reporting period?	<p>CT Dept. of Energy & Environmental Protection (DEEP) State DERA Administrative Activities: DEEP assisted the grantees in developing Scopes of Work (SOWs) for their projects. Purchase Orders and contracts were developed to implement the projects.</p> <p>The D-4 forms for the 2019 DERA Option projects were finalized and submitted to Wilmington Trust on May 5, 2020; as per the settlement decree, an answer is expected within 60 days.</p> <p>DEEP monitored the new projects to help insure completion by the end of the project period.</p> <p>DEEP completed and submitted its 2020 State DERA workplan to its Project Officer on April 15, 2020. It was approved on May 11, 2020 and the application was submitted to EPA via grants.gov on May 14, 2020.</p> <p>Town of Burlington (Burlington): DEEP is granting \$48,614.35 to Burlington toward the early replacement of a MY 2004, Class 8 diesel dump truck with a MY 2021 equivalent. This award represents less than 25% of the cost of the new dump truck, which is \$222,293.08. In the third quarter, the cab and chassis remain with the body building company, but delivery of some parts have been delayed due to Covid-19 shutdowns. At this point, Burlington anticipates completion by the deadline.</p> <p>Town of Canaan (Canaan): A grant of \$41,276.73 awarded to Canaan will be used to replace a MY 1997 Class 8 snowplowing dump truck with a MY2020 diesel-powered equivalent. The projected cost is \$188,741.23 and the grant represents less than 25% of the projected cost of the 2020 MY replacement truck. In the third quarter, Canaan's new chassis was delivered to the builder, about two weeks behind schedule due to Covid-19 shutdowns. It is anticipated that work can still be completed before the deadline.</p> <p>F & F Concrete Company (F&F Concrete): F & F Concrete is receiving a grant for \$172,181.32 toward the replacement of three Class 8 diesel concrete trucks, model year (MY) 2000-2007, with 2020 MY diesel equivalents. The projected cost is \$787,313.28 and the original grant represents less than 25% of the projected cost of the three 2020 MY replacement trucks. The funds will come from the "DERA Option" under VW NOx Mitigation Trust Agreement. In the third quarter, the old trucks were scrapped and documentation submitted for approval. F&F Concrete reports some delays with the builder due to Covid-19 closures, but anticipates being able to complete the project by the deadline.</p> <p>Kay's Trucking (Kay's): Kay's will receive \$57,733.69 toward the early replacement of two diesel-powered tractors, MY 1995 and 2000, with MY 2020 and 2021 diesel-powered equivalents. The funds will come from the "DERA Option" under VW NOx Mitigation Trust Agreement. This grant represents less than 25% of the \$268,263.00 cost of the project. In the third quarter, Kay's completed its project and began compiling documentation for reimbursement.</p> <p>Town of New Milford (New Milford): A grant of \$108,602.98 for the early replacement of three Class 8 snowplowing dump trucks, MY2000-2004, with MY2020 diesel powered equivalents has been awarded to New Milford. The cost of the new trucks is \$496,596 of which the grant is less than 25%. In this quarter, an SOW was developed and approved. The Town approved the expenditure for the new trucks in the budget so the purchase order can be issued on or after July 1, 2020.</p>

	<p>The City of Stamford (Stamford): Stamford plans to use its grant of \$144,591.41 to replace four Class 6 utility trucks, MY1998-1999, with MY2020 diesel-powered equivalents. The total project cost is \$661,156 of which the grant is less than 25%. In the third quarter, Stamford developed an SOW for its project. The contract/bid waiver was approved by the Board of Finance and Board of Representatives. Two trucks were delivered and paid for in April; the other two trucks are on order and delivery has been delayed by Covid-19 shutdowns. An extension will be requested if needed.</p> <p>Target Enterprises (Target): Target will receive \$35,678.10 toward the early replacement of a MY2007 diesel-powered flatbed truck, with crane, with a MY 2019 diesel-powered equivalent with crane. This grant represents less than 25% of the \$163,141.00 cost of the project. The funds will come from the "DERA Option" under VW NOx Mitigation Trust Agreement. Having accepted delivery of the new truck, Target scrapped the old truck and began compiling documentation for reimbursement.</p> <p>Town of West Hartford (West Hartford): A grant of \$33,485.04 will enable West Hartford to replace a MY 2000 maintenance dump truck with a MY 2020 equivalent, which is not included in the town's replacement schedule for 2019-2021. The cost of the new truck is \$153,113.09 of which the grant is less than 25%. In the third quarter, the chassis was delivered to the builder and work was completed in June. Scrappage will commence after delivery of the new truck.</p> <p>Town of Weston (Weston): Weston will use its grant towards the replacement of two Class 8 dump trucks, MY 1995 & 2001, with MY 2019 diesel-powered equivalents. The grant amount is \$83,287.74, \$31,238.49 of which will come from the "DERA Option" under VW NOx Mitigation Trust Agreement and \$52,049 from the FY 2019 State DERA Allocation and bonus. The grant represents less than 25% of the \$380,838 cost of the new trucks. Weston reported that its project is on schedule.</p>
<p>Did you award any rebates or subawards during the reporting period? If so, list the recipients and how much funding they received.</p>	<p>No rebates or subawards were awarded in this reporting period.</p>
<p>Provide a comparison of actual accomplishments with the anticipated outputs/outcomes and timelines/milestones specified in the project Work Plan.</p>	<p>At present, all projects are on or ahead of schedule. Some delays have been reported due to the Covid-19 shutdowns, but these have not impacted any milestones.</p>
<p>If anticipated outputs/outcomes and/or timelines/milestones are not met, why not? Did you encounter any problems during the reporting period which may interfere with meeting the project objectives?</p>	<p>At present, all projects are on or ahead of schedule. Some delays have been reported due to the Covid-19 shutdowns, but these have not impacted any milestones.</p>
<p>How do you propose to remedy any problems? Identify how and the date you will get back on course to meet the anticipated outputs/outcomes and/or timelines/milestones specified in the project work plan.</p>	<p>At present, all projects are on or ahead of schedule. Grantees experiencing delays have been advised to alert DEEP if they anticipate needing extensions.</p>
<p>If any cost-shares are reported for this Reporting Period in Table 1 above, identify the source of the funds.</p>	<p>Kay's contributed \$209,029.31 as its cost share for the project.</p>
	<p>Target contributed \$127,462.90 as its cost share for the project.</p>
<p>Was any program income generated during the reporting period? Identify amount of program income, how it was generated, and how the program income was/will be used.</p>	<p>Kay's received \$1,500.00 as the scrap value of its two replaced trucks.</p>
<p>Did any public relations events regarding this grant take place during the reporting period?</p>	<p>On May 22, 2020, DEEP participated in one of a series of EV School Bus Toolkit webinars sponsored by Live Green, Connecticut Southwestern Area Clean Cities Coalition. DERA and VW funding opportunities and requirements were presented and questions were taken.</p>
<p>What is the URL for the state website listing the total number and dollar amount of subawards, rebates, or loans provided, as well as a breakdown of the technologies funded? Please also list any other state websites used for outreach related to the State DERA Grant Program.</p>	<p>DEEP maintains a website for Diesel Grants and Funding. Information about this and other diesel grant programs administered by DEEP's Bureau of Air Management can be found on the DEEP website at: https://portal.ct.gov/DEEP/Air/Mobile-Sources/DERA-Grants</p> <p>DEEP has also established a website for its Volkswagen NOx Mitigation Program. In accordance with the requirements of the VW Settlement, projects selected for "DERA Option" VW funding in the 2018 State DERA solicitation will be posted here once the projects have been submitted to Wilmington Trust and approved. https://portal.ct.gov/DEEP/Air/Mobile-Sources/VW/VW-Settlement--Home</p>
	<p>DEEP State DERA Administrative Activities: In the fourth quarter, DEEP will continue to monitor the progress of the projects, providing advice and assistance as required. Deep expects to be closing out most of the 2019 projects and processing reimbursements in the fourth quarter, though there may be delays and extension requests related to Covid-19 shutdowns.</p> <p>Wilmington Trust will be responding to DEEP's submitted D-4 forms for the DERA Option projects in the fourth quarter.</p> <p>Burlington: It is expected that the completed truck will be delivered in the fourth quarter and the reimbursement request documents will be compiled and submitted.</p> <p>Canaan: It is expected that the completed new truck will be delivered in the fourth quarter and the reimbursement request documents will be compiled and submitted.</p>

What project activities are planned for the next reporting period?

F&F Concrete: The new trucks will be delivered and the reimbursement request documents will be compiled and submitted.

Kay's: Kay's will be filing its request for reimbursement in the fourth quarter. Upon approval, the request will be filed with WT for payment.

New Milford: New Milford will order its new trucks in July. Once a delivery date has been established by the vendor, the need for an extension to complete the project will be evaluated.

Stamford: Stamford will be issuing the purchase order and accepting delivery of the new trucks in the fourth quarter. The reimbursement request package will be prepared for submission and approval.

Target: Target will submit its completed reimbursement request in in the fourth quarter. Upon approval, the request will be filed with WT for payment.

West Hartford: West Hartford will be scrapping its old truck and compiling documents for reimbursement in the fourth quarter and the reimbursement request documents will be compiled and submitted.

Weston: According to its schedule, Weston will accept delivery of the new trucks, scrap the old trucks and compile documentation for reimbursement in the fourth quarter.

Table 3. Subaward Reporting Requirements

Requirement	Response
Summaries of results of reviews of financial and programmatic reports	DEEP operates its State DERA Program exclusively as a rebate program; no subawards are granted.
Summaries of findings from site visits and/or desk reviews to ensure effective subrecipient performance	
Environmental results the subrecipient achieved	
Summaries of audit findings and related pass-through entity management decisions	
Actions the pass-through entity has taken to correct deficiencies such as those specified at 2 CFR 200.331(e), 2 CFR 200.207 and the 2 CFR Part 200.338 Remedies for Noncompliance	

Grant Recipient	0
Grant #	0
Reporting Period	0

The Connecticut Department of Energy and Environmental Protection (DEEP)
DS - 00A00174 - 0
April 1 - June 30, 2020

Fleet Information	Group 1: Town of Burlington	Group 2: Town of Canaan	Group 3: F&F Concrete			Group 4: Kay's Trucking	
Fiscal Year of EPA Funds Used:	2019	2019	2019	2019	2019	2019	2019
Vehicle Or Engine Group Name:	Municipal Dump Truck	Municipal Dump Truck	Concrete Truck #107	Concrete Truck #109	Concrete Truck #111	T-16	T-18
Fleet Owner:	Town of Burlington	Town of Canaan	F&F Concrete Company			Kay's Trucking, Inc.	
Vehicle or Engine Group Type:	On Highway	On Highway	On Highway	On Highway	On Highway	On Highway	On Highway
Primary Place of Performance	Burlington, CT	Canaan, CT	Plantsville			South Windsor	
- State(s):	Connecticut	Connecticut	Connecticut			CT	
- County:	Hartford	Litchfield	Hartford			Hartford	
- City:	Burlington	Canaan	Plantsville			South Windsor	
- Zip Code:	06013	06031	06074			06074	
Target:	Short Haul - Single Unit	Short Haul - Single Unit	Short Haul - Single Unit	Short Haul - Single Unit	Short Haul - Single Unit	Short Haul - Combination	Short Haul - Combination
Vehicle Class or Equipment Type:	Class 8	Class 8	Class 8	Class 8	Class 8	Class 8	Class 8
Quantity:	1	1	3			2	
Vehicle Identification Number(s):	1HTWDAAR55JO43870	IFDYF80C9VWA36934	5DG8AD4T550010623	5DG8AD4G760011483	5DG8AD4T870012014	1FUJTWB6YHG07052	1FUJ8HCB77L794515
Vehicle Make:	International	Ford	Terex advance	Terex advance	Terex advance	Freightliner	Freightliner
Vehicle Model:	7400 SFA 4X2	F800	62-445AP6811	62-445AP6811	62-445AP6811	MED CONV	MED CONV
Vehicle Model Year:	2004	1997	2005	2006	2007	2000	1996
Engine Serial Number(s) :	466HM2U2007559	56348358	06RO836516	06R0908034	06RO960056	KS24975	04R0010751
Engine Make:	International	International	Detroit Diesel	Detroit Diesel	Detroit Diesel	CAT	Detroit
Engine Model:	D250	DT530	Series 60	Series 60	Series 60	C-12	6047GK60
Engine Model Year:	2004	1997	2005	2006	2006	1999	1995
Engine Tier:							
Engine Horsepower:	290	215	450	450	450	410	315
Engine Cylinder Displacement:	7.6L	5.9L	12.7L	12.7L	12.7L	12	8.5
Engine Number of Cylinders:	6	6	6	6	6	6	4
Engine Family Name:	4NVXH0466AEA	VCE359D6DAAW	5DDXH12.7EGY	6DDXH12.7EGY	6DDXH12.7EGY	XCPXH0729ERK	SDD8.5EJDAGW
Engine Fuel Type:	ULSD	ULSD	ULSD	ULSD	ULSD	ULSD	ULSD
Annual Amount of Fuel Used:	1200	350	6274	7828	7624	2572	1987
Annual Usage Rate:							
Annual Miles Traveled:	6000	3,000	20076	24266	22872	9954	3987
Annual Idling Hours:	150	100	815	754	696	260	410
Annual Hoteling Hours:							
Remaining Life:	5	3	3	4	4	1	1
Normal Attrition Year:	2025	2023	2023	2024	2024	2030	2030
Year of Upgrade Action:	2020	2020	2020	2020	2020	2020	2020
Upgrade Type:	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement
Upgrade:	Vehicle Replacement - Diesel	Vehicle Replacement - Diesel	Vehicle Replacement - Diesel	Vehicle Replacement - Diesel	Vehicle Replacement - Diesel	Vehicle Replacement - Diesel	Vehicle Replacement - Diesel
Upgrade Cost Per Unit:	\$124,887.00	\$188,741.00	\$262,437.76	\$262,437.76	\$262,437.76	\$136,647.00	\$131,616.00
Upgrade Labor Cost Per Unit:	\$97,406.00						
New Engine Model Year:	2021	2020	2020	2020	2020	2020	2019
New Engine Tier:							
New Engine Horsepower:	260	260				425	425
New Engine Duty Cycle:							
New Engine Cylinder Displacement:	7.7	7.7				12.8	12.8
New Engine Number of Cylinders:	6	6				6	6
New Engine Family Name:						LVPTH12.8G01	KVPTH12.8G01
New Engine Fuel Type:	ULSD	ULSD	ULSD	ULSD	ULSD	ULSD	ULSD
Annual Idling Hours Reduced:							
Annual Hoteling Hours Reduced:							
Annual Diesel Gallons Reduced:						1415	1523

The Connecticut Department of Energy and Environmental Protection (DEEP)
DS - 00A00174 - 0
April 1 - June 30, 2020

Group 5: Town of New Milford			Group 6: City of Stamford				Group 7: Target Enterprises	Group 8: Town of West Hartford
2019	2019	2019	2019	2019	2019	2019	2019	
Truck #12	Truck #112	Truck #125	Utility Truck #115	Utility Truck #249	Utility Truck #422	Utility Truck #423	Flatbed Truck #10 w. crane	Maintenance Dump Truck
Town of New Milford			City of Stamford				Target Enterprises	Town of West Hartford
On Highway	On Highway	On Highway	On Highway	On Highway	On Highway	On Highway	On Highway	On Highway
	New Milford			Stamford			Fairfield County	West Hartford
	CT			Connecticut			CT	CT
	Litchfield			Fairfield			Litchfield	Hartford
	New Milford			Stamford			Thomaston	West Hartford
	06776			06901			06787	06110
Short Haul - Single Unit	Short Haul - Single Unit	Short Haul - Single Unit	Short Haul - Single Unit	Short Haul - Single Unit	Short Haul - Single Unit	Short Haul - Single Unit	Short Haul - Combination	Short Haul - Single Unit
Class 8	Class 8	Class 8	Class 6	Class 6	Class 6	Class 6	Class 7	Class 8
	3			4			1	1
2FZAAZAN64AM92952	2FZNEDYBOYAG76250	2FZAAZAB73AK67769	1HTSCABL5WH555360	1HTSCABL7WH555361	1HTSCABL5WH555357	1HTSCABL8XH620915	1FVACXDJ27HX13456	1FV6JBB6YHB17534
Sterling	Sterling	Sterling	International	International	International	International	Freightliner	Freightliner
L9500	LT9500	L9500	4700 4X2	4700 4X2	4700 4X2	4700 4X2	M2/106	FL-80
2004	2000	2003	1998	1998	1998	1999	2007	1999
MJB03817	119834196GH0261	35057804	640970	640969	640971	781483	906543765	8YL15807
Caterpillar	Cummins	Cummins	International	International	International	Mercedes Benz	Mercedes Benz	Caterpillar
C10	N14	M11	T444E	T444E	T444E	T444E	MBE900	3126
2003	2000	2002	1998	1998	1998	1999	2006	1999
335	435	350	190	190	190	190	300	246
	141	10.8 l	7.3 liter	7.3 liter	7.3 liter	7.3 liter	7.2	7.2
6	6	6	6 Cylinders	6 Cylinders	6 Cylinders	6 Cylinders	6	6
3CPXH0629EBV	XCEXH0855NAD	2CEXH0661MAS	VNV444C8DARW	VNV444C8DARW	VNV444C8DARW	VNV444C8DARW	6MBXH7.20DJA	XCPX0442HSK
ULSD	ULSD	ULSD	ULSD	ULSD	ULSD	ULSD	ULSD	ULSD
1028	1019	1199	1200	1200	1200	1200	4700	970.27
10000	10000	10000	5000	5000	5000	5000	33,000	4742.86
150	150	150	200	200	200	200		380.8
5	5	5	0	0	0	0	2	5
2022	2022	2022	2017	2017	2017	2017	2022	2025
2020	2020	2020	2020	2020	2020	2020	2020	2020
Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement	Vehicle Replacement
Vehicle Replacement - Diesel	Vehicle Replacement - Diesel	Vehicle Replacement - Diesel	Vehicle Replacement - Diesel	Vehicle Replacement - Diesel	Vehicle Replacement - Diesel	Vehicle Replacement - Diesel	Vehicle Replacement - Diesel	Vehicle Replacement - Diesel
\$165,532.00	\$165,532.00	\$165,532.00	\$130,000.00	\$130,000.00	\$130,000.00	\$130,000.00	\$163,141.00	\$153,113.09
2020	2020	2020	2020	2020	2020	2020	2018	2020
							350	
							8.9	
							6	
							JCEXH0540LAX	
ULSD	ULSD	ULSD				ULSD	ULSD	ULSD
				2938	2938		575	443