

VW Environmental Mitigation Trust
State of Utah Semi-Annual Reporting

Beneficiary:	State of Utah
Lead Agency:	Department of Environmental Quality
Reporting Period:	July 1, 2020 - December 31, 2020

Utah's VW Settlement Budget	
Utah's VW Settlement:	\$35,177,506
Trustee Administrative Costs (1.4%):	\$492,485
Total VW Settlement Award:	\$34,685,021

Eligible Mitigation Action Category	Funding Request Date	Funding Request Approval Date	Requested and Received Amounts from Trustee	Funds Expended to Date	Balance
Class 8 Local Freight Trucks	December 18, 2019	February 18, 2020	\$6,214,666	\$108,741	\$6,105,925
Class 4-7 Local Freight Trucks	December 18, 2019	February 18, 2020	\$500,000	\$0	\$500,000
Class 4-8 School, Shuttle, or Transit Bus	December 18, 2019	February 18, 2020	\$19,200,000	\$0	\$19,200,000
Light-Duty Zero Emission Vehicle Supply Equipment	October 10, 2019	December 9, 2019	\$3,815,352	\$922,211	\$2,893,141
Diesel Emission Reduction Act (DERA) Option	December 18, 2019	February 25, 2020	\$2,427,951	\$0	\$2,427,951
Administrative Costs (for all categories, except DERA)	Included in all Funding Requests	Included in all Funding Requests	\$2,527,052	\$113,962	\$2,413,090
Totals			\$34,685,021	\$1,144,914	\$33,540,108
Earned Interest			\$241,427	\$0	\$241,427
Grand Totals			\$34,926,448	\$2,289,827	\$33,781,535

Project Summary									
Eligible Mitigation Action Category	Project Entity	Project Status	Project Development	Project Implementation	Modifications from Approved Funding Request	Anticipated Termination Date	Annual Emissions Reductions	Lifetime Emissions Reductions	
Class 8 Local Freight Truck Projects:									
	Bountiful City	Awarded \$145,000 for two Class 8 truck replacements, funded at 50 percent. Grant contract finalized. Projects in process. One truck replacement complete.	Reimbursed \$71,709 for first completed vehicle replacement project.	The second truck replacement project is expected to be completed in July 2021.	N/A	April 1, 2023	0.278	0.833	
	City of North Salt Lake	Awarded \$108,741 for one truck replacement, funded at 50 percent. Grant contract finalized. Required documentation submitted and approved. Project complete.	Complete.	Complete.	N/A	November 19, 2020	0.016	0.128	
	City of Orem	Awarded \$982,500 for four Class 8 truck replacements, funded at 50 percent. Grant contract finalized. Projects in process.	Procurement documentation has been approved for two of the three dump trucks. The first of these replacement trucks was placed into service on 12/10/2020, and the second replacement truck is anticipated to be completed by February 2021. The third replacement dump truck purchase has been put on hold until July 2021. Procurement documentation has been approved for one fire truck. The fire truck has been ordered.	In February 2021, the first of three dump trucks will be scrapped; the second replacement dump truck will be placed into service, and the original dump truck scrapped; the fire truck will also be scrapped at this time, prior to receiving the new replacement fire truck.	N/A	April 1, 2023	0.581	4.242	
	Salt Lake City Corporation	Awarded \$1,554,615 for 11 truck replacements, funded at 50 percent. Grant contract finalized. Projects in process.	Procurement process has been approved for three of the 11 new replacement vehicles (for VINs 2964, 6416, and 0371).	The City has placed the orders for the three new vehicle replacements with a manufacturing timeline estimated to be between 12 and 15 months.	Salt Lake City requested the removal of three trucks from their original award of \$1,773,853 for 14 truck replacements.	April 1, 2023	0.286	1.324	
	Salt Lake Urban Search and Rescue (SLUSR)	Awarded \$86,740 for one truck replacement, funded at 50 percent. Grant contract developed and sent to entity for signature.	SLUSR met with their Executive Board at the first of December to review contracts and obtain authorized signatures.	On hold until contracts are finalized.	N/A	April 1, 2023	0.034	0.237	
	Utah Department of Transportation	Awarded \$2,604,948 for 22 truck replacements, funded at 50 percent. Grant contract finalized. Projects in process.	Completed the solicitation of bids for new trucks, plows, dump bodies, and hydraulics for all 22 Class 8 trucks.	Purchases for new vehicles are expected to occur October 2022.	N/A	April 1, 2023	1.376	7.76	
	Additional Class 8 Local Freight Truck Projects	\$512,884 to be awarded for future projects.	TBD	TBD	TBD	TBD	TBD	TBD	
Total Anticipated Emissions Reductions from Class 8 Local Freight Truck Projects							2.571	14.524	

Class 4-7 Local Freight Truck Projects:								
	Pleasant Grove City	Awarded \$410,112 for five truck replacements. Grant contract finalized. Projects in process.	Obtaining bids for three new vehicle replacements (VINs 1763, 4753, and 4754).	Three of the five truck purchases are expected to occur next reporting period, and the remaining two are expected to occur later in 2021.	N/A	April 1, 2023	0.202	1.577
	Additional Class 4-7 Local Freight Truck Projects	\$89,888 to be awarded for future projects.	TBD	TBD	TBD	TBD	TBD	TBD
Total Anticipated Emissions Reductions from Class 4-7 Local Freight Truck Projects							0.202	1.577
Class 4-8 School, Shuttle, and Transit Bus Projects:								
	Canyons School District	Awarded \$826,000 for 14 school bus replacements, funded at 50 percent. Grant contract finalized. Projects in process.	New replacement school buses have been ordered.	New school buses will be put into service and the scrapping of the original buses will occur March 2021.	N/A	April 1, 2023	1.04	4.478
	City of Orem	Awarded \$87,500 for one shuttle bus replacement, funded at 50 percent. Grant contract finalized. Projects in process.	A request for proposals for the purchase of the new shuttle bus has been developed and is open for bids.	In January 2021, the request for proposals will close for the new replacement shuttle bus, and the City will review the submitted proposals from vendors. The City expects the new replacement shuttle bus to be placed into service in May 2021, and the original shuttle bus scrapped in June 2021.	N/A	April 1, 2023	0.096	0.671
	Davis School District	Awarded \$136,260 for two school bus replacements, funded at 50 percent. Grant contracts finalized. Projects in process.	The District is in process of gathering documentation for original school buses.	The District intends to provide remaining eligibility documentation by February 2021 and begin the procurement process for the new replacement buses in July 2021.	N/A	April 1, 2023	0.113	1.016
	Jordan School District	Awarded \$138,992 for two school bus replacements, funded at 50 percent. Grant contracts finalized. Projects in process.	New replacement school buses have been ordered.	The District anticipates receiving the new replacement school buses by February 2021; at which time, the original diesel school buses will be permanently disabled.	N/A	April 1, 2023	0.104	0.617
	Park City Municipal Corp	Awarded \$3,693,941 for six transit bus replacements to electric, funded at 65 percent. Grant contracts finalized. Projects in process.	A request for proposals for the purchase of the electric transit buses has been developed and open for bids. Multiple proposals have been evaluated.	A vendor is expected to be selected by February 2021.	Park City Municipal notified UDEQ that one of their participating buses (VIN 15GGGB291061076507) needs to be removed from their award due to the bus being totalled in a collision.	April 1, 2023	3.052	11.7
	Salt Lake City School District	Awarded \$699,660 for four school bus replacements to electric, funded at 65 percent. Grant contracts finalized. Projects in process.	Procurement documentation has been approved for purchases. New electric buses have been ordered and are being built. The manufacturing process slowed down due to COVID-19.	The District is anticipating March 2021 as the delivery date for the new electric buses; at which time, the original buses will be scrapped.	N/A	April 1, 2023	0.328	1.071
	Tooele County School District	Awarded \$132,000 for two school bus replacements, funded at 50 percent. Grant contracts finalized. Projects in process.	The two new replacement buses were placed into service, and the scrapping of the original buses is in process.	Remaining required documentation will be submitted to UDEQ by January 2021.	N/A	February 2021	0.368	1.723
	Utah Transit Authority	Awarded \$13,079,240 for 20 transit bus replacements to electric, funded at 65 percent. Grant contracts finalized. Projects in process.	A request for proposals for the purchase of the electric transit buses has been developed and open for bids. Multiple proposals have been evaluated.	A vendor is expected to be selected by February 2021. The new electric transit buses are expected to be placed into service October 2022, and the original diesel transit buses scrapped by December 2022.	N/A	April 1, 2023	10.905	32.715
	Additional Class 4-8 School Bus, Shuttle Bus, and Transit Bus Projects	\$406,407 to be awarded for future projects.	TBD	TBD	TBD	TBD	TBD	TBD
Total Anticipated Emissions Reductions from Class 4-8 School, Shuttle, and Transit Bus Projects							16.006	53.991

Light-Duty Zero Emission Vehicle Supply Equipment Projects:								
Clinton City	Awarded \$60,129 to purchase and install three Level 2 EVSEs (Electric Vehicle Supply Equipment) at the Civic Center Park, Center Park, and Powerline Park. Reimbursed Clinton City \$46,808.38. Project funded at 100 percent. Project complete.	Final project includes the purchase and installation of three dual-port Level 2 EVSEs at public locations.	All three EVSEs were installed and activated on April 17, 2020.	Addresses are slightly different than proposed. The new addresses are located at the same park as proposed, but at different location within the park. Details are: 1) from Powerline Park, 1600 W. 1740 N. Clinton, UT, to Powerline Park 1711 W. 1740 North Clinton, UT; 2) from Civic Center Park, 2100 N. 1500 W. Clinton, UT, to Civic Center Park (Family Camp Parking), 2300 N. 1850 W. Clinton, UT.	April 28, 2020	0.013	0.13	
Davis Technical Center	Awarded \$49,000 to purchase and install four Level 2 EVSEs at the Davis Applied Technical College Campus. Project has started and is in process. Reimbursed Davis Technical Center \$37,887 for completion of three out of four units. All units are funded at 100 percent with the exception of one workplace charger funded at 60 percent. Project complete.	Final project includes the purchase and installation of three dual-port Level 2 EVSE units at public locations, and one single-port EVSE unit not available to the public but will be used by DATC for their fleet vehicles.	DATC indicated that the first three EVSE units were installed and activated on November 25, 2019, and the fourth and final EVSE unit was installed and activated on September 24, 2020.	N/A	September 28, 2020	0.05	0.5	
Division of Facilities and Construction Management (DFCM)	Awarded \$49,401 to purchase and install 11 Level 2 EVSEs at the Multi State Agency Office Building and Regional Building 2. Reimbursed DFCM \$49,401.60. Project funded at 100 percent. Project complete.	Final project includes the purchase and installation of 12 dual-port Level 2 EVSE units at public locations.	All 12 EVSEs were installed and activated on September 23, 2019.	As a result of lower costs, the project increased from 11 to 12 Level 2 EVSEs purchased and installed.	February 12, 2020	0.19	1.9	
Kamas City	Awarded \$41,227 to purchase and install one Level 2 EVSE at the City Office. Project has started and is in process. Project funded at 100 percent.	Kamas is currently designing the project as part of the reconstruction of its City Hall parking lot and park improvements. Due to COVID-19 they are experiencing delays.	Kamas is planning on starting the project late summer or early Fall 2020.	N/A	March 1, 2022	0.014	0.14	
Kaysville City	Awarded \$69,988 to purchase and install nine (seven public and two workplace) Level 2 EVSEs at: City Hall; 100 E. 200 N. Kaysville, UT; 300 N. Flint St.; and the Kaysville Operations Center. The seven public charging stations are funded at 100 percent. The two workplace chargers are funded at 60 percent. Project complete.	Final project includes the purchase of nine dual-port Level 2 EVSE units. Seven of the nine EVSE units are available to the public, and the other two EVSE units will be used by the city fleet vehicles and not available for public use. Kaysville City completed the installation of the units themselves instead of using a vendor.	The EVSEs were installed and activated throughout the summer and fall of 2020. The following are the activation dates for the following sites: Heritage Park, June 7, 2020; Barnes Park, June 8, 2020; Operations Center, September 22, 2020; and City Hall, October 19, 2020.	N/A	November 4, 2020	0.4	4	
Lehi City	Awarded \$16,755 to purchase and install one Level 2 EVSE at City Hall. Project has started and is in process. Project funded at 100 percent. Project complete.	Final project includes the purchase and installation of one dual-port Level 2 EVSE located at a public location.	Installed and activated on July 15, 2020.	Addresses are slightly different than proposed. The new addresses are located within the same parking lot as the proposal. The location of the project was moved from 153 North 100 East Lehi, Utah, to 61 North 100 East Lehi, Utah.	September 25, 2020	0.02	0.2	
Murray City Power	Awarded \$157,608 to purchase and install two Level 2 EVSEs and one DC Fast Charger at Murray Park Recreation Center. The project has started and is in process. Project funded at 100 percent.	Electrical upgrades were completed and the DC Fast Charger and Level 2 EVSEs have been installed. Waiting for a final inspection to activate the EVSE units. A draft of the City's new public electric vehicle charging policy has been completed and is scheduled to be presented to the Murray Council in January 2021.	Activations are scheduled to occur after finalization of the rate schedule, which is anticipated to occur the first part of 2021.	N/A	March 1, 2022	0.088	0.88	
Orem City	Awarded \$308,269 to purchase and install four DC Fast Chargers, funded at 100 percent, at City Hall. Project complete.	Final project includes the purchase and installation of four DC Fast Chargers. All units are located at public locations.	The EVSE units were installed and activated on August 7, 2020.	N/A	September 21, 2020	0.11	1.1	
Provo City	Awarded \$752,500 to purchase and install 20 Level 2 EVSEs, funded at 100 percent, at the following locations: Provo City Center; Recreation Center (Parks & Rec.); Academy Library; Public Works Complex; Provo Power Complex; Rock Canyon Park; North Park; Spring Creek Park; and Pioneer Park. The project has started and is in process.	Sixteen of the 20 EVSE units have been installed and will be activated during the first quarter of 2021. The four EVSE units that will be installed at the City Center site will be installed in June 2021. All 20 EVSE units are located at public locations.	Installation has begun with six out of the seven locations finished with conduit and wiring. Provo Power is upgrading all of the primary electrical services to the seven different locations.	At the Recreation Center location, the four units were relocated to the far east side of the parking lot due to a new adaptive playground that will now be constructed near the initial location for the EVSE units. This will be the same initial location but moved to the east side of the parking lot instead of the west side as originally planned. Two EVSE units were removed from the City Center location and added to the Pioneer Park location just across the street to the west due to improved access. At the Provo Recreation Center, Provo Power installed the new electrical service on the east side of the parking area to accommodate the service for the chargers instead of upgrading the service at the original location.	March 1, 2022	0.28	2.8	
Salt Lake County Health Department	Awarded \$603,095 to purchase and install eight Level 2 EVSEs and two DC Fast Chargers at the Salt Lake County Health Department, funded at 100 percent. Project has started and is in process.	Electrical upgrades were completed in October 2020, and all 10 EVSE units were installed and activated in November 2020. All 10 EVSE units are located at public locations.	Salt Lake County will be submitting a request for reimbursement February 2021.	N/A	December 2020	0.166	1.66	
Sandy City	Project completed. Awarded \$118,982 to purchase and install three DC Fast Chargers at City Hall. Project funded at 100 percent. Reimbursement to Sandy City is \$118,982.	Final project includes the purchase and installation of three DC Fast Chargers at public locations.	DC Fast chargers were installed and activated on June 12, 2019.	N/A	March 23, 2020	0.12	1.2	
Saratoga Springs	Awarded \$26,788 to purchase and install three Level 2 EVSEs at the Municipal Campus, funded at 100 percent. Project has started and is in process. Project complete.	Final project includes the purchase of three Level 2 EVSE units. All three units are located in public locations.	All three EVSE units were installed and activated on July 15, 2020.	The original bid did not include installation, which the invoice includes (\$6,067). In addition, the bid only quoted one year of networking, and the final invoice included 5-years (an increase of \$4,668). VW funds reimbursed Saratoga Springs for the originally agreed-upon amount of \$26,788.	August 19, 2020	0.041	0.41	
City of South Salt Lake	Awarded \$136,517 to purchase and install four Level 2 EVSEs at City Hall, funded at 100 percent. Project has started and is in process.	South Salt Lake City is working with Rocky Mountain Power to confirm final meter location and design.	South Salt Lake City anticipates that installation of the EVSE units will begin during February 2021 and be completed by the end of March 2021.	N/A	March 1, 2022	0.055	0.55	
Timpanogos Cave	Awarded \$10,966 to purchase and install one Level 2 EVSE at the Timpanogos Cave National Monument Visitor's Center, funded at 100 percent. Project has started and is in process.	Installation of ChargePoint equipment, wiring, and bollards was completed. Because the EVSE units require cellular connection for installation, activation, and use, the park is currently working with UDOT, the US Forest Service, and Crown Castle Communications to install underground fiber optic cable and cellular nodes at this location.	Completion of local cell phone service has been delayed until the first part of 2021, so ChargePoint equipment cannot be activated until then.	The quote for installation and activation is higher than the initial estimate from the supplier bid, partially due to a local decision to add steel bollards to the site to protect the equipment. Timpanogos Cave indicated that they are prepared to cover the additional costs with local funds in order to complete the project as planned.	March 1, 2022	0.014	0.14	
UDOT	Awarded \$1,047,623 to purchase and install 11 dual-port Level 2 and 16 single-port DC Fast EVSEs, funded at 100 percent, at the following locations: Calvin Rampton Complex; Garden City; Castle Dale City/Museum; Monticello Visitor Center; Bluff Maintenance Station; Richfield Administrative Office; Kanab; Tie Fork Rest Area; Grassy Mountain Rest Area, West and East Bound; UDOT Price District Office, and Price City Museum. Reimbursed UDOT for the completion of the following 11 dual-port Level 2 and four single-port DC Fast Chargers at the following sites: Calvin Rampton Complex (three dual-port Level 2 and two single-port DC Fast Chargers); Tie Fork Rest Area (two dual-port Level 2 EVSEs); Grassy Mountain Rest Area, West and East Bound (four dual-port Level 2 EVSEs); and Price City Museum (two dual-port Level 2 EVSEs and two single-port DC Fast Chargers). These EVSE units were funded at 100 percent.	UDOT has indicated that the other EVSE units have been installed and activated and they will be turning in reimbursement request documents during the first quarter of 2021.	Eleven dual-port Level 2 EVSEs and four single-port DC Fast Chargers were installed and activated during March, April, and May 2020. The following are the activation dates for the following sites: Calvin Rampton Complex, May 21, 2020; Tie Fork Rest Area, April 22, 2020; Grassy Mountain Rest Area, West and East Bound, April 6, 2020; and Price City Museum, March 30, 2020. UDOT has indicated that the other EVSE units have been installed and activated and that they will be turning in reimbursement documents for these units during the first quarter of 2021.	N/A	April 2021	1.26	12.6	

Utah Valley University	Awarded \$99,000 to purchase and install six Level 2 EVSEs, two funded at 100 percent, and four funded at 60 percent, at the following locations: L6 parking lot- 1133 West 800 South, Orem, Utah 84058; M22 parking lot- 450 West 900 South, Orem, Utah 84058; M29 parking lot- 1066 South 400 West Orem, Utah 84058; Aux Services parking lot- 1545 Business Park Drive, Orem, Utah 84058; Business Resource Cent (BRC) parking lot- 815 West 1250 South, Orem, Utah 84058; and L9 parking lot- 800 South 1200 West, Orem, Utah 84058. Reimbursed Utah Valley University for completion of four of the six EVSEs: L6 parking lot; M22 parking lot; M29 parking lot; and Aux Services lot. Three were funded at 60% and the other unit is a public charging station and funded at 100 percent.	Four of the six EVSE units have been installed and have been put into service. Three of these units are workplace chargers, and one is available to the public.	Four EVSEs were installed and activated on July 16, 2020.	UVU is considering modifying the location of one of their proposed public locations from the Business Resource Building to a property that UVU purchased in April 2020. UVU Facilities provided information about the new location, and we are in the process of modifying their agreement. This EVSE unit will be funded at 100%. UVU has indicated that it will not install the EVSE unit at the L9 parking 800 South 1200 West, Orem, Utah 84058.	March 2022	0.083	0.83
Weber State University (WSU)	Awarded \$143,694 to purchase and install eight Level 2 EVSEs, funded at 100 percent, at the Campus Services Building, Hurst Center, Reed K. Swenson Building, and the Dee Event Center. Project has started and is in process.	Two of the four stations have been installed and put into service. The other two stations are installed but are not currently in service. WSU met with the vendor for a punch list walk-through and noted several deficiencies.	The vendor is currently working through the punch list and anticipates being finished in January 2021.	WSU will be proposing to install four dual-port EVSEs instead of the originally proposed eight single-port EVSEs. The new bid is \$83,960, which is a cost difference between the new and old quote of an additional \$68.	March 2022	0.111	1.11
West Valley City	Awarded \$140,564 to purchase and install four Level 2 EVSEs at City Hall and West Valley City Fitness Center, funded at 100 percent. Project has started and is in process.	An additional transformer was required at the Fitness Center site. West Valley coordinated with Rocky Mountain Power about the logistics and now West Valley City Council must approve the modification. West Valley is drafting engineering plans to the code officers at both sites for approval.	West Valley had to hire an outside surveyor to work through some issues with the new transformer site and to complete the easement.	An additional transform for the Fitness Center will need to be installed.	May 2021	0.055	0.55
Additional Light-Duty Zero Emission Vehicle Supply Equipment Projects	Between \$25,239 and \$1,297,480 to be awarded for future projects.	TBD	TBD	TBD	TBD	TBD	TBD
Total Anticipated Emissions Reductions from Light-Duty Zero Emission Supply Equipment Projects						3.07	30.7
Diesel Emission Reduction Act (DERA) Category:	Provides matching funds to the base amounts provided by the Environmental Protection Agency through the State Clean Diesel Grant Program for federal fiscal years 2017-2026.	Workplans for FY17, FY18, FY19, and FY20 have been approved by EPA and are active.	UDEQ is working with Salt Lake City School District to replace four diesel school buses with electric school buses. Grant contracts are being developed.	N/A	September 2027	TBD	TBD

Under penalty of perjury and on behalf of the State of Utah, I attest that the information provided in this report is true and correct.


 Kim Shelley (Jan 27, 2021 12:17 MST)

Kim Shelley, Executive Director, Utah Department of Environmental Quality

01/27/2021

Date