## Volkswagen (VW) Environmental Mitigation Trust State of Utah Semi-Annual Reporting

Beneficiary:	State of Utah
Lead Agency:	Department of Environmental Quality
Reporting Period:	July 1, 2022 - December 31, 2022

	Utah's VW Settlement Budget							
State of Utah's VW Settlement:	\$35,177,506							
Cost error related to Trustee fee:	\$492,485	The UDEQ misunderstood the Trustee's adminstrative costs allocation and had been reducing this amount from the State's settlement when calculating budgets for the different Eligibile Mitigation Action Funding Requests. After receiving clarification from Russell Crane of Wilmington Trust in an email dated May 12, 2021, stating, "there is no requirement for States to reserve funds to allocate to paying for the Trustee's administrative costs-this amount has already been baked in to the Trust Agreement," UDEQ will reference the correct available Trust funds in seeking future funding requests.						
Previously understood State of Utah VW settlement that the current funding requests are based on:	\$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 (Note: balances shown for Class 8 Local Freight Trucks, Class 4-7 Local Freight Trucks, and Class 4-8 School, Shuttle, or Transit Bus categories reflect contract expenses only. Administrative costs are expended from each of these categories, but are summarized in a separate line Item)
Class 8 Local Freight Trucks	December 18, 2019	February 18, 2020	\$6,214,666.00	\$904,161.56	\$5,310,504.44
Class 4-7 Local Freight Trucks	December 18, 2019	February 18, 2020	\$500,000.00	\$4,904.69	\$495,095.31
Class 4-8 School, Shuttle, or Transit Bus	December 18, 2019	February 18, 2020	\$19,200,000.00	\$239,044.33	\$18,960,955.67
Light-Duty Zero Emission Vehicle Supply Equipment	October 10, 2019	December 9, 2019	\$3,815,352.00	\$2,056,283.86	\$1,759,068.14
Diesel Emission Reduction Act (DERA) Option	December 18, 2019	February 25, 2020	\$2,427,951.00	\$0.00	\$2,427,951.00
Administrative Costs (for all categories except DERA)	Included in all Funding Requests	Included in all Funding Requests	\$2,527,052.00	\$547,589.76	\$1,979,462.24
		Totals	\$34,685,021.00	\$3,751,984.20	\$30,933,036.80
		Earned Interest	\$928,616.66	\$0.00	\$928,616.66
_		Grand Totals	\$35,613,637.66	\$3,751,984.20	\$31,861,653.46

			Project Summ	ary				
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. Both truck replacements are complete.	Complete.	Complete.	N/A	April 21, 2022	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 is 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 is finalized. Projects are in process. Two of the dump truck replacements and one fire truck replacement are complete.	Two of three dump truck replacement projects are complete and one fire truck replacement is complete.	The third dump truck is expected to be scrapped January 2023, and the replacement dump truck is expected to be placed into service January 2023.	N/A	March 31, 2023	0.581	4.242
	Salt Lake City Corporation	Awarded \$1,281,503 for nine truck replacements, funded at 50 percent. Grant contract is finalized. Projects are in process.	The procurement process has been approved for seven of the nine new replacement vehicles, VINs 2964, 6416, 0371, 1488, 1489, 8043, and 3513.  The new replacement vehicles for VINs 0371, 6416, and 2946 have been placed into service.  VINs 0371 and 6416 have been scrapped.	Scrappage documentation was provided to DEQ for VINs 0371 and 6416 and expected to be provided to UDEQ for VIN 2946 next reporting period.  The replacement vehicles for VINs 1488, 1489, and 8043 are expected to be placed into service by March 2023.  The replacement vehicle for VIN 3513 is expected to arrive from the manufacturer by March 2023, but will take approximately 30 additional weeks to assemble the body configuration. This portion of the project will extend past the agreement end date so an extension has been requested.  The City has requested the removal of VINs 9142 and 7595 from their award. An amendment to reflect these changes will occur next reporting period.	Salt Lake City has requested the removal of seven trucks from their original award of \$1,773,853 for 14 truck replacements. The new award amount to be finalized next reporting period will be \$956,503 for seven truck replacements.	April 27, 2023	0.277	1.296
	Salt Lake Urban Search and Rescue (SLUSR)	h Awarded \$86,740 for one truck replacement, funded at 50 percent. Grant contract is finalized. Project is complete.	Complete.	Complete.	N/A	May 25, 2022	0.034	0.237
	Utah Department of Transportation	Awarded \$2,604,948 for 22 truck replacements, funded at 50 percent. Grant contract is finalized. Projects are in process.	All 22 trucks have been scrapped. UDOT has provided UDEQ with scrappage documentation.  The purchases of all 22 new truck replacements are complete and the new trucks have been placed into service.	UDOT has submitted the remaining documentation for all 22 trucks to UDEQ for review and reimbursement.	N/A	March 16, 2023	1.376	7.76
	Additional Class 8 Loca Freight Truck Projects		TBD	TBD	TBD	TBD	TBD	TBD
Class 4-7 Local Freight Truck				Total Antic	ipated Emissions Reductions from Class 8 Local Fro	eight Truck Projects	2.562	14.496
Projects:	Pleasant Grove City	Awarded \$410,112 for five truck replacements, funded at 50 percent. Grant contract finalized. Projects are in process.	The orders for the new truck replacements for VINs 0452 and 0453 have been delayed due to supply- chain issues.  Truck VINs 1763, 4753, and 4754 have been scrapped.  The new truck replacements for VINs 1763, 4753, and 4754 have been placed into service.		Upon reviewing further documentation to verify the gross vehicle weight rating of the five participating trucks, it was discovered that two of the trucks, VINs 0452 and 0453, are Class 8 trucks. As such, a modification to remove these two trucks from the Class 4.7 Local Freight Trucks (Medium Trucks) Funding Request and add them to the Class 8 Local Freight Truck (Eligible Large Trucks) Funding Request is in process.	May 22, 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 Anticip	pated Emissions Reductions from Class 4-7 Local Fro	eight 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 is finalized. Required documentation has been submitted and approved. Projects are complete.	Complete.	Complete.	N/A	July 29, 2021	1.04	4.478			
	Awarded \$87,500 for one shuttle bus replacement, funded at 50 percent. Grant contract is finalized. Projects are in process.	The new shuttle bus was placed into service.	The original shuttle bus is scheduled to be scrapped January 2023. The City of Orem intends to provide scrappage and remaining documentation to DEQ in January 2023.	N/A	March 31, 2023	0.096	0.671			
	Awarded \$136,260 for two school bus replacements, funded at 50 percent. Grant contract is finalized. Projects are in process.	The District scrapped the two buses and submitted scrappage documentation to UDEQ.	The new replacement buses were in process of being placed into service August - September 2022.	N/A	Septetmber 28, 2023	0.113	1.016			
Jordan School District	Awarded \$138,992 for two school bus replacements, funded at 50 percent. Grant contract is finalized. Required documentation has been submitted and approved. Projects are complete.	Complete.	Complete.	N/A	August 4, 2021	0.104	0.617			
Park City Municipal Corp	Awarded \$3,693,941 for six transit bus replacements to electric, funded at 65 percent. An amendment is in process to remove one bus from this award, changing the award amount to \$3,129,449. Projects are in process.		The City anticipates delivery of the new buses to be June 2023.	Park City Municipal notified UDEQ that one of their participating buses (VIN 15GGB291061076507) needs to be removed from their award due to the bus being totalled in a collision.	July 30, 2023	2.215	8.353			
Salt Lake City School District	Awarded \$699,660 for four school bus replacements to electric, funded at 65 percent. Grant contract is finalized. Required documentation has been submitted and approved. Projects are complete.	Complete.	Complete.	N/A	January 2022	0.328	1.071			
Tooele County School District	Awarded \$132,000 for two school bus replacements, funded at 50 percent. Grant contract is finalized. Required documentation submitted and approved. Project is complete.	Complete.	Complete.	N/A	April 27, 2021	0.368	1.723			
	Awarded \$13,079,240 for 20 transit bus replacements to electric, funded at 65 percent. Grant contract is finalized. Projects in process.	The new replacement buses are under construction and will begin arriving late Feburary, starting service in April 2023 and being phased in through August 2023.	The original buses are expected to be scrapped August 2023.	N/A	May 22, 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	ТВО	TBD	TBD	TBD	TBD			
			Total Anticipated Emission	ons Reductions from Class 4-8 School, Shuttle, and	Transit Bus Projects	15.169	50.644			

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 is funded at 100 per	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 a different location within the park. Details are: 1) from Powerine 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 three dual-port and one single-port Level 2 EVSEs at the Davis Applied Technical College Campus. Reimbursed Davis Technical Center \$46,037 for completion of all four EVSE 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
	Construction	d Awarded \$49,401 to partially fund the purchase and installation of 11 dual-port Level 2 EVSEs at the Multi State Agency Office Building and Regional Building 2. Reimbursed DFCM \$49,401.60. Project funded at 100 per	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.	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 dual-port 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, which has pushed back the starting and completion of the project. Their agreement end date was extended to July 31, 2023.	Kamas is planning on completing the project during the summer of 2022.	NA	Summer 2022	0.014	0.14
	Kaysville City	Awarded \$69,988 to purchase and install nine dual-port (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 is 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. Asysville Ctly 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 dual-port Level 2 EVSE at City Hall. Project funded at 100 percent. Project is 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 dual-port Level 2 EVSEs and one DC Fast Charger at Murray Park Recreation Center. Project funded at 100 percent. Project complete.	Murray City Power has completed their project and submitted a request for reimbursement. The final project includes the purchase, installation, and electrical upgrade for two dual-port Level 2 and one DC Fast Charger. The reimbursement was completed in July 2021.	The EVSE units were installed and activated on May 12, 2021.	N/A	July 8, 2021	0.088	0.88
	Orem City	Awarded \$306,269 to purchase and install four DC Fast Chargers, funded at 100 percent, at City Hall. Project is 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 dual-port 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 activated. Provo City will have the four remaining units installed at the new City Hall, part of the Provo City Center project. However, there were delays with the design and approval of Provo City Center triggering delays with the installation and activation of the remaining four EVSE units. Provo City is now estimating that these four EVSE units will be completed by November 30, 2023. Provo City a gerement was amended to accommodate this issue extending the end date to December 31, 2023. Provo City has been reimbursed for the completed 16 units.	Installation and activation of the EVSE units at six of the seven locations are completed. Provo Power is upgrading all of the primary electrical services to the seven different locations.	The EVSE units that were originally planned to be installed at North Park and Pioneer Park have been relocated to the Recreation Center.	November 30, 2023	0.28	2.8

,	Salt Lake County Health Department	Awarded \$603,095 to purchase and install eight dual-port Level 2 EVSEs and two DC Fast Chargers a the Salt Lake County Health Department, funded at 100 percent. Project is complete.	Final project includes the purchase, installation, and electrical upgrade costs for eight dual-port Level 2 EVSE units and two DC Fast Chargers. All ten EVSE units are installed at public locations.	The EVSE units were installed and activated on February 9, 2021.	N/A	March 22, 2021	0.166	1.66
	Sandy City	Project complete. 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 dual-port Level 2 EVSEs at the Municipal Campus, funded at 100 percent. Project is 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 (\$6,087). In addition, the bid only quoted one year of networking, and the final invoice included five years (an increase of \$4,668). VW funds reimbursed Saratoga Springs for the originally agreed-upon amount of \$26,788.	N/A	August 19, 2020	0.041	0.41
	City of South Salt Lake	Awarded \$136,517 to purchase and install four dual-port Level 2 EVSEs at City Hall, funded at 100 percent. Project has started and is in process.	The contractor (Black and McDonald/LilyPad) was issued a city building permit and was expected to start construction in early December 2021, depending on weather The City is completing paperwork to register with ChargePoint and working through the service contract with their legal department.  The Fire Department added an emergency shut-off Knox Box to the scope of their project. It is a new fire department standard and is a requirement for the building permit. It is an additional cost of \$3,563.00. It has been on oder for six months and is experiencing delays.  The City's building department requirements were above and beyond what Lilypad/Black McDonald have experienced before, including a need for a stamped electrical engineering drawing.  The City is also experiencing delays in working with Rocky Mountain Power on selecting the location/type of power connection and upgrading transformer to do so	South Salt Lake City is unsure when the project will be completed. In addition to parts delays, they are waiting for Rocky Mountain Power to connect power and to upgrade a transformer. ChargePoint equipment has been delivered.  Their contract will be amended to extend their project end date to October 31, 2023.	N/A	October 31, 2023	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 80 percent. Project is complete.	Final project includes the purchase of one dual-port Level 2 EVSE units, which is located in public location.	The EVSE unit was installed and activated on November 21, 2022.	Timpanogos Cave National Monument, a federal agency, is not defined as a government entity in the Trust Agreement. As such, their reimbursement rate has been changed to 80 percent from 100 percent.	July 31, 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 Date (CityMuseum, Monticello Visitor Center), Bulf 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 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); Te Fork Rest Area (two dual-port Level a EVSEs) (assays 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.	units.	Complete May 24, 2020; Tip Fort Boot Assa April 22, 2020; Conset May at a Boot Assa West and Fort	Center from two DC Fast Chargers to three DC Fast Chargers and seven Level 2 EVSE units. The combined	December 31, 2023	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; M22 parking lot- 1066 South 400 West Orem, Utah 84058; M25 parking lot- 1068 South 400 Forem, 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; Utah 84058; and L9 parking lot- 800 South 1200 West, Orem, Utah 84058; and L9 parking lot- 800 South 1200 West, Orem, Utah 84058; and L9 parking lot- 84058; Utah Valley University has been reimbursed for the completion of four out of the six EVSEs: L6 parking lot; M22 parking lot; M29 parking lot; M29 parking lot; M29 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.	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 modified the location of one of their proposed public locations from the Business Resource Cent (BRC) parking lot 815 West 1259 South, Orem, Utah 94058, to its Lehi Campus located at 2912 Executive Pkwy, Lehi, UT 84043. This EVSE unit will be funded at 100%.	December 16,2022	0.083	0.83

(MCII)	Awarded \$143,694 to purchase and install four dual-port Level 2 EVSEs at the Campus Services Building, Hurst Center, Reed K. Swenson Building, and the Dee Event Center. The project was originally funded up to 70%, but has been changed to be funded at 95 percent. Project is complete.	Final project includes the purchase, installation, and electrical upgrade costs for four dual-port Level 2 EVSE units. All of the EVSE units are in public locations.	The EVSE units were installed and activated on Febuary 23, 2021.	WSU installed four dual-port EVSEs instead of the originally proposed eight single-port EVSEs, resulting in a cost difference of an additional \$68.	April 8, 2021	0.111	1.11
--------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------	---------------	-------	------

	West Valley City	Awarded \$140,564 to purchase and install four dual-port Level 2 EVSEs at City Hall and West Valley City Fitness Center, funded at 100 percent of amount requested. West Valley City has requested to withdraw their project.	N/A		West Valley has requested to withdraw their project from this program.	N/A	N/A	N/A
	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	s Reductions from Light-Duty Zero Emission Supply	Equipment Projects	3.015	30.15
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, FY20, FY21, and FY22 have been approved by EPA and are active.	A grant agreement is in place with Salt Lake City School District to replace eight diesel school buses with electric. The District has ordered all eight, received four new electric buses and charging equipment, scrapped four diesel buses, and submitted reimbursement documentation to UDEQ for these four. The District expects to acquire the next four buses by April 2023.  A diesel fire truck repliacement project was approved and is underway for Weber Fire District (WFD). WFD has placed the order for the new replacement fire truck and expects to receive it in January 2024.  Five diesel refuse trucks have been approved for Waste Management to be replaced with new compressed natural gas (CNO) refuse trucks. Waste Management has obtained bids and placed the orders for the new CNG refuse trucks. They expect these trucks to arrive by October 2023.  A project to replace one diesel terminal tractor with electric for US Cold Storage was approved. The order for the new replacement tractor has been placed and US Cold Storage expects to receive the tractor	n/A	September 2027	TBD	TBD
				January 2023. Additional projects are being reviewed for eligibility.				

Kim Shelley, Executive Director, Utah Department of Environmental Quality

01/23/2023

Date