

Commonwealth of Massachusetts Executive Office of Energy & Environmental Affairs

Department of Environmental Protection

100 Cambridge Street Suite 900 Boston, MA 02114 • 617-292-5500

Maura T. Healey Governor

Kimberley Driscoll Lieutenant Governor Rebecca L. Tepper Secretary

> Bonnie Heiple Commissioner

MassDEP VW Settlement Semiannual Report

July 1, 2024-December 31, 2024

Massachusetts is a beneficiary under the Volkswagen (VW) *Environmental Mitigation Trust Agreement for State Beneficiaries* (VW Settlement). The Massachusetts Department of Environmental Protection (MassDEP) is the designated Lead Agency for Massachusetts under the VW Settlement and is responsible for, among other duties, developing the beneficiary mitigation plan (BMP) for Massachusetts, which describes how the Commonwealth will spend its funding allocation. The VW Settlement contains provisions requiring semiannual reporting:

5.3 Beneficiary Reporting Obligations: For each Eligible Mitigation Action, no later than six months after receiving its first disbursement of Trust Assets, and thereafter no later than January 30 (for the preceding six-month period of July 1 to December 31) and July 30 (for the preceding six-month period of January 1 to June 30) of each year, each Beneficiary shall submit to the Trustee a semiannual report describing 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). Such reports shall include a complete description of the status (including actual or projected termination date), development, implementation, and any modification of each approved Eligible Mitigation Action. Beneficiaries may group multiple Eligible Mitigation Actions and multiple sub-beneficiaries into a single report. These reports shall be signed by an official with the authority to submit the report for the Beneficiary and must contain an attestation that the information is true and correct and that the submission is made under penalty of perjury.

MassDEP submitted prior semiannual reports to the trustee, Wilmington Trust (WT), covering the periods of October 28, 2019 to December 31, 2019, January 1, 2020 to June 30, 2020, July 1, 2020 to December 31, 2020, January 1, 2021 to June 30, 2021, July 1, 2021 to December 31, 2021, January 1, 2022 to June 30, 2022, July 1, 2022 to December 31, 2022, January 1, 2023 to June 30, 2023, July 1, 2023 to December 31, 2023, and January 1, 2024 to June 30, 2024. This eleventh semiannual report covers the period of July 1, 2024, to December 31, 2024.

MassDEP issued a *Final Massachusetts Volkswagen Settlement Beneficiary Mitigation Plan* (BMP),¹ submitted to WT on December 10, 2018, an *Amendment* to the BMP,² submitted to WT on December 17, 2019, and a *Second Amendment* to the BMP,³ submitted to WT on April 21, 2023, to finalize plans for the remaining Massachusetts allocation. The current status of Massachusetts' VW implementation is summarized below.

¹ https://www.mass.gov/doc/massachusetts-volkswagen-settlement-beneficiary-mitigation-plan-december-2018/download

² https://www.mass.gov/doc/amendment-to-massachusetts-volkswagen-settlement-beneficiary-mitigation-plandecember-2019/download

 $^{^{3} \, \}underline{\text{https://www.mass.gov/doc/amendment-to-massachusetts-volkswagen-settlement-beneficiary-mitigation-planapril-2023/download} \\$

Eligible Mitigation	BMP Budget	Status
Action (EMA)		
EMA 2: Electric transit buses	\$53,662,122.14 (plus investment earnings and unspent VW Open Solicitation or administrative funds)	D-4 form submitted to WT October 3, 2019 ⁴ reserved \$10,977,992 for electric transit buses, charging infrastructure, installation and administrative costs in connection with designated regional transit authorities. D-4 form submitted to WT December 23, 2020 ⁶ increased the amount reserved for electric transit bus equipment and installation to \$22,000,000, plus reserved \$2,697,409.32 for EMA 2 projects under the VW Open Solicitation discussed below and \$3,660,624.02 for total EMA 2 administrative costs. The next D-4 submitted will incorporate the increased EMA 2 budget detailed in the April 2023 BMP Amendment. The following payments have been made: \$3.9 million to BYD Coach and Bus LLC for six electric transit buses for Martha's Vineyard Transit Authority; \$3,882,804 to Proterra Inc. for four electric transit buses and six charging stations for Pioneer Valley Transit Authority (PVTA); \$168,678.83 to PVTA for charger installation; an additional \$7,176,851.76 for eight New Flyer transit buses and \$946,861.52 for four charging stations to PVTA, \$5,616,054 to Greater Attleboro Taunton Transit Authority for six Gillig transit buses and \$279,917 for six charging stations. Procurements are in process for an additional bus for GATRA (\$1,040,754), three buses and a charging station for Montachusett Regional Transit Authority (\$2,458,057.15), six buses and three dual-port charging stations for Cape Cod Regional Transit Authority (\$7,638,423), and four buses and charging stations for Southeastern Regional Transit Authority (\$5,804,132).
EMA 9: Light duty electric vehicle supply equipment (EVSE)	The maximum allowed 15%. (15% of the \$75,064,424.40 initial allocation is \$11,259,663.66; the final amount spent may be higher due to investment earnings on the balance	D-4 form submitted to WT August 28, 2019, reserved \$5,750,000 for EVSE, installation and administrative costs for three Massachusetts Electric Vehicle Incentive Program (MassEVIP) offerings detailed below. D-4 form submitted to WT February 21, 2020 ⁷ increased reserved amount to \$12,948,613.21 (\$11,259,663.66 for EVSE and installation and \$1,688,949.55 for administration) and liquidated a \$3,459,157.95 portion for estimated 2020 grants. D-4 form submitted to WT January 4, 2022 ⁸ liquidated a \$2,409,286.44 portion for estimated 2022 grants. D-4 form submitted to WT June 21, 2023 ⁹ updated reserved amount to \$11,359,880.38 including investment earnings to date (\$11,336,462.88 for EVSE and installation and \$23,417.50 for administration) and liquidated a \$5,430,382.99 portion for remaining grants and administration.

⁴ https://www.vwenvironmentalmitigationtrust.com/sites/default/files/2020-02/VW%20EMA02%20electric%20transit%20buses%20D-4%20CommishSigned%2010-3-2019%20%28web%29.pdf

⁵ As indicated in the December 2018 BMP, p.4, "Trust Funds can be used for the actual administrative expenditures associated with implementing an eligible mitigation project, but not to exceed 15% of the total cost of such eligible mitigation project. The Commonwealth will review each mitigation project to determine the appropriate level of administrative expenditure and does not expect to use the entire 15% for this purpose." The April 2023 BMP Amendment, p. 3, allocated "\$50,000 in administrative funds to disburse checks to grantees. The net of any additional needed or excess unspent disbursement check costs will come from or be directed to RTA electric transit buses and chargers."

 $^{^{6} \, \}underline{\text{https://www.vwenvironmentalmitigationtrust.com/sites/default/files/2021-06/VW\%20EMA2\%20Appendix\%20D-4\%20revision\%201\%2012-22-2020\%20MS\%20signed.pdf}$

⁷ https://www.vwenvironmentalmitigationtrust.com/sites/default/files/2020-03/VW%20MassEVIP%20D-4%20revision%201%202-20-2020%20MS%20signed%20%28web%29.pdf

⁸ https://www.vwenvironmentalmitigationtrust.com/sites/default/files/2022-02/VW%20MassEVIP%20D-4%20revision%202%201-3-22%20MS%20signed-Web%20%282%29.pdf

⁹ https://www.vwenvironmentalmitigationtrust.com/sites/default/files/2024-01/WEB%20VW%20MassEVIP%20D-4%20revision%203%20signed%206-21-23.pdf

Eligible Mitigation Action (EMA)	BMP Budget	Status	Status						
	offunds in the Trust, but not more than the allowed 15%.)	received	n the current reporting period, 15 grantees received \$410,517.42 for EVSE for 15 projects. To date, 445 projects have received \$8,479,451.23 in funding. More detail on EMA 9 spending is provided below.						
Open Solicitation: was open to any EMA except EMA 9 (EVSE) and EMA 10	\$6,463,089.24	MassDEP has submitted D-4 forms for EMA 1, Large Trucks, ¹⁰ EMA 2, Buses, ¹¹ EMA 4, Ferries/Tugs, ¹² EMA 5, Shorepower, ¹³ and EMA 6, Medium Trucks, ¹⁴ to reserve funds for projects awarded under the Open Solicitation. More detail on Open Solicitation spending is provided below. The distribution of grant amounts across EMA categories is as follows (no grants were selected for EMA 3):							
(Diesel Emissions		EMA		As c	of December	20, 2019	As o	of December	31, 2024
Reduction Act				#	#	Planned	#	#	Planned
(DERA))				Grantees	projects	Spending	Grantees	projects	Spending
		1	Large Trucks	13	32	\$2,926,378.25	12	30	\$2,867,954.29
		2	School Bus	4	10	\$1,499,905.32	3	4	\$1,057,629.15
			Shuttle Bus	2	3	\$697,504.00	2	3	\$694,012.17
			Transit Bus	1	4	\$500,000.00	1	4	\$500,000.00
		4	Ferries	2	3	\$194,659.80	2	3	\$191,778.75
	6	5	Ocean Going Vessel Shorepower	1	1	\$100,000.00	1	1	\$100,000.00
		6	Medium Trucks	7	8	\$859,877.32	8	9	\$813,254.88
		7	Airport Ground Support Equipment (GSE) (replacing gasoline)	1	31	\$440,930.31	0	0	\$0
			Airport GSE (replacing diesel)	1	4	\$169,140.00	1	3	\$126,855.00
		8	Cargo Handling Equipment	1	3	\$111,605.00	1	3	\$111,605.00
		Total		30	99	\$7,500,000.00	26	60	\$6,463,089.24

¹⁰ https://www.vwenvironmentalmitigationtrust.com/sites/default/files/2021-07/VW%20EMA1%20Appendix%20D-4%2012-22-2020%20MS%20signed%20%28web%29.pdf

¹¹ Ibid 6

¹² https://www.vwenvironmentalmitigationtrust.com/sites/default/files/2020-11/VW%20EMA4%20Appendix%20D-4%209-2-2020%20MS%20signed%20%28web%29.pdf

https://www.vwenvironmentalmitigationtrust.com/sites/default/files/2024-01/WEB%20MassDEP%20VW%20EMA5%20D-4%20signed%206-21-23.pdf

¹⁴ https://www.vwenvironmentalmitigationtrust.com/sites/default/files/2021-06/VW%20EMA6%20Appendix%20D-4%2012-22-2020%20MS%20signed.pdf

Eligible Mitigation Action (EMA)	BMP Budget	Status								
Electric Open Solicitation	\$3,679,549.36	The April 2023 BMP Amendment allocated \$7,500,000 for an electric vehicle and equipment Open Solicitation, which was released July 26, 2023, with a September 26, 2023, application deadline. Selected projects were announced in a press release on April 3, 2024. The distribution of grant amounts across EMA categories is as follows:								
		EMA		, , , , , , , , , , , , , , , , , , ,	As of June 3	0, 2024	As c	of December	31, 2024	
				#	#	Planned	#	#	Planned	
				Grantees	projects	Spending	Grantees	projects	Spending	
		1	Refuse Truck	3	3	\$1,169,148.20	3	3	\$1,169,148.20	
		2	School Bus	1	1	\$164,748.51	0	0	\$0	
			Shuttle Bus	1	1	\$500,000.00	1	1	\$136,336.80	
			Transit Bus	2	3	\$1,000,000.00	2	3	\$1,000,000.00	
		5	Ocean Going Vessel Shorepower	1	1	\$23,229.56	1	1	\$23,229.56	
		6	Refuse Truck	2	2	\$767,000	2	2	\$767,000	
		7	Airport Ground Support Equipment (GSE) (replacing diesel)	1	9	\$442,534.80	1	9	\$442,534.80	
		8	Cargo Handling Equipment	1	3	\$141,300.00	1	3	\$141,300.00	
		Total		12	23	\$4,207,961.07	11	22	\$3,679,549.36	
Total	\$75,064,424.40									

A number of grant programs were announced on January 18, 2019; see press release at https://web.archive.org/web/20210515215603/https://www.mass.gov/news/baker-politoadministration-announces-grant-programs-to-reduce-vehicle-air-pollution-under-the. These programs included three MassEVIP offerings totaling \$5 million under EMA 9 EVSE, and a \$7.5 million Open Solicitation open to all EMAs except EMA 9 (EVSE) and EMA 10 (DERA). On December 29, 2020 MassDEP announced \$4 million in enhancements to the three existing MassEVIP offerings and the addition of a fourth MassEVIP program for Direct Current Fast Charging (DCFC) EVSE; see press release at https://web.archive.org/web/20230208061523/https://www.mass.gov/news/baker-politoadministration-announces-availability-of-additional-4-million-to-fund-electric-vehicle-charginginfrastructure. In September 2021, MassDEP allocated the remaining \$2,259,663.66 of EMA 9 funds to MassEVIP. A matrix comparing details of the MassEVIP program features can be found at https://www.mass.gov/doc/matrix-of-massevip-grant-programs/download.

The Open Solicitation was opened January 18, 2019, with a March 18, 2019, application deadline. Selected Grantees were announced on December 20, 2019. 15 Some Grantees for this program have completed their projects, and some Grantees are in the process of implementing their projects. Grantees first receive an approval letter with contract forms to sign, then are sent an executed contract. The contracts between MassDEP and Grantees allow 18 months to complete projects. Due to the COVID-19 emergency, MassDEP has worked with Grantees to review and extend timelines as necessary. See the following table for Open Solicitation project status through December 31, 2024.

¹⁵ Press release at https://web.archive.org/web/20221112134915/https://www.mass.gov/news/baker-politoadministration-awards-75-million-in-grants-to-further-electrify-transportation-sector-and-reduce-air-pollution and list of selected Grantees at https://www.mass.gov/doc/list-of-volkswagen-settlement-open-solicitation-grantrecipients-december-2019/download

Open Solicitation status through December 31, 2024

	1A	Planned as of	Planned as of	Payments	Payments	Remaining
"		December 20,	June 30,	this	through	itemaning
		<u> </u>	=		_	
		2019	2024*	Reporting	December 31,	
				Period	2024	
1	Large Trucks	\$2,926,378.25	\$2,867,954.29	\$0	\$2,867,954.29	\$0
2	School Bus	\$1,499,905.32	\$1,057,629.15	\$0	\$1,057,629.15	\$0
	Shuttle Bus	\$697,504.00	\$694,012.17	\$0	\$500,000.00	\$194,012.17
	Transit Bus	\$500,000.00	\$500,000.00	\$0	\$500,000.00	\$0
4	Ferries	\$194,659.80	\$191,778.75	\$0	\$191,778.75	\$0
5	OGV	\$100,000.00	\$100,000.00	\$0	\$100,000.00	\$0
	Shorepower					
6	Medium	\$859,877.32	\$813,254.88	\$0	\$813,254.88	\$0
	Trucks					
7	Airport GSE	\$440,930.31	\$0	\$0	\$0	\$0
	(replacing					
	gasoline)					
	Airport GSE	\$169,140.00	126,855.00	\$0	\$0	\$126,855.00
	(replacing					
	diesel)					
8	CHE	\$111,605.00	111,605.00	\$0	\$0	\$111,605.00
	Total	\$7,500,000.00	\$6,463,089.24	\$0	\$6,030,617.07	\$432,472.17

^{*}Completed projects that cost less than anticipated saved \$58,423.96 for EMA 1, \$25,312.64 for EMA 2, \$2,881.05 for EMA 4 and \$46,622.44 for EMA 6.

- The Electric Solicitation opened on July 26, 2023, with a September 26, 2023, application deadline. The press release can be viewed at https://www.mass.gov/news/healey-driscoll-administration-awards-opened on April 3, 2024;; see press release at https://www.mass.gov/news/healey-driscoll-administration-awards-53-million-in-grants-to-electrify-garbage-trucks-airport-transit-and-other-vehicles.
- MassEVIP: Public Access Charging (PAC): The first round of \$2 million was opened January 18, 2019, with a March 18, 2019, application deadline. Selected Grantees were announced on November 20, 2019; see press release at https://web.archive.org/web/20230112115658/https://www.mass.gov/news/baker-polito-administration-awards-2-million-in-grants-to-support-public-access-charging-for-electric-vehicles. Some Grantees for this program have completed their projects, and some Grantees are in the process of implementing their projects. Grantees first receive an approval letter with contract forms to sign, then are sent an executed contract. The contracts between MassDEP and Grantees allow 18 months to complete projects at existing locations and 24 months at new construction sites. In addition to the \$2 million awarded in the first round, MassDEP allocated an additional \$1.5 million to reopen the PAC program on a rolling basis in December 2020. MassDEP allocated an additional \$1.5 million to the PAC program in September 2021. \$1.1 million in interest earned on EMA 9 funds have also been allocated to PAC. Application links and materials can be found at https://www.mass.gov/how-to/apply-for-massevip-public-access-charging-incentives. See the following table for project status through December 31, 2024.

MassEVIP: PAC status through December 31, 2024	# of Projects	\$ Funding	# of Charging Ports
Projects with approvals issued but without executed contracts	3	\$112,277.86	22
Projects with both approvals and executed contracts	34	\$856,292.82	206
Paid projects	170	\$4,032,287.33	705
Total	207	\$5,000,858.01	933

MassEVIP: Multi-unit Dwelling and Educational Campus (MUDC) charging: The Multi-unit Dwelling (MUD) program was first opened on January 18, 2019, and expanded to include educational campuses on December 29, 2020. MassDEP has allocated \$1.5 million to the MUDC program and accepts applications on a rolling basis. Application links and materials can be found at https://www.mass.gov/how-to/apply-for-massevip-multi-unit-dwelling-educational-campus-charging-incentives. Some Grantees for this program have completed their projects, and some Grantees are in the process of implementing their projects. Grantees first receive an approval letter with contract forms to sign, then are sent an executed contract. The contracts between MassDEP and Grantees allow 18 months to complete projects at existing locations and 24 months at new construction sites. See the following table for project status through December 31, 2024.

MassEVIP: MUDC status through December 31, 2024	# of Projects	\$ Funding	# of Charging Ports
Projects with approvals issued but without executed contracts	2	\$34,652.00	14
Projects with both approvals and executed contracts	16	\$261,611.96	91
Paid projects	67	\$1,147,974.32	355
Total	85	\$1,444,238.28	460

• MassEVIP: Workplace and Fleet Charging (WPF): The Workplace Charging (WPC) program was first opened on January 18, 2019, with \$1.5 million and was expanded to include charging stations for fleets on December 29, 2020, with an additional \$1 million. MassDEP allocated an additional \$759,663.66 to the WPF program in September 2021. It accepts applications on a rolling basis. Application links and materials can be found at https://www.mass.gov/how-to/apply-for-massevip-workplace-fleet-charging-incentives. Some Grantees for this program have completed their projects, and some Grantees are in the process of implementing their projects. Grantees first receive an approval letter with contract forms to sign, then are sent an executed contract. The contracts between MassDEP and Grantees allow 18 months to complete projects at existing locations and 24 months at new construction sites. See the following table for project status through December 31, 2024.

MassEVIP: WPF status through December 31, 2024	# of	\$ Funding	# of Charging
	Projects		Ports
Projects with approvals issued but without executed contracts	3	\$16,774.31	18
Projects with both approvals and executed contracts	10	\$191,426.80	79
Paid Projects	205	\$3,049,189.58	1156

Total	218	\$3,257,390.69	1253
-------	-----	----------------	------

• MassEVIP: Direct Current Fast Charging (DCFC): The Direct Current Fast Charging (DCFC) program opened as a competitive program on December 28, 2020, with a March 19, 2021, application deadline. Application links and materials can be found at https://www.mass.gov/how-to/apply-for-massevip-direct-current-fast-charging-incentives. The program offered \$1.5 million from VW funds but saw substantial interest and was expanded using non-VW funds. Selected Grantees were announced on February 3, 2022; see press release at https://www.mass.gov/news/baker-polito-administration-awards-over-13-million-for-electric-vehicle-fast-charging-stations-at-150-locations-across-the-commonwealth and Grantees at https://www.mass.gov/doc/massevip-direct-current-fast-charging-grant-awards-february-2022/download. In December 2024, MassDEP was notified that 1 grantee is withdrawing 3 projects and 6 ports. The \$158,880.00 in VW funding for those projects will be reassigned to other DCFC projects. See the following table for VW-funded project status through December 31, 2024.

MassEVIP: DCFC status through December 31, 2024	# of Projects	\$ Funding	# of Charging Ports
Projects with approvals issued but without executed contracts	0	\$0	0
Projects with both approvals and executed contracts	13	\$1,091,120.00	23
Paid projects	3	\$250,000.00	5
Total	16	\$1,341,120.00	28

MassEVIP Disbursements – July 1, 2024, through December 31, 2024

Date Disbursed	Grantee	Charging Station Location	Program	# of Stations	\$ of Ports	Amount
10/4/2024	PD Winter St. LLC	900 Winter St Waltham	WPF	12	12	\$6,406.92
10/4/2024	Wollaston Lutheran Housing, Inc.	314 Water St Quincy	MUDC	2	4	\$37,966.17
10/4/2024	Town of Hamilton	775 Bay Rd Hamilton	PAC	1	2	\$23,020.00
10/4/2024	CWMA Baystate LLC	55 Cedar St Woburn	MUDC	2	4	\$8,435.40
10/4/2024	Pathways Association	25 Mountain Laurel Florence	MUDC	5	10	\$13,998.87
10/4/2024	Global Life Sciences Solutions USA LLC	800 Turnpike Rd Shrewsbury	WPF	2	4	\$50,000.00
10/4/2024	Krohne, Inc.	55 Cherry Hill Dr Beverly	WPF	1	2	\$5,682.00
10/4/2024	All-Pro Electric, LLC	398 Blossom St Ext Lynn	PAC	5	10	\$46,170.00
12/2/2024	Institutional Multifamily Partners LLC dba WM Oak Grove Village LLC	12 Island Hill Ave Melrose	MUDC	5	10	\$23,130.00
12/2/2024	Brighton Landing Condo Trust	15 Guest St Wakefield	WPF	10	20	\$44,760.00

12/2/2024	Town of Topsfield	210 Boston Ave Topsfield	WPF	2	2	\$4,401.00
12/2/2024	Simmons Properties, LLC	200 Boston Ave Medford	WPF	4	4	\$3,692.06
12/2/2024	Town of Concord	61 Laws Brook Rd Concord	DCFC	2	2	\$100,000.00
12/24/2024	Andrades Automotive Service LLC	46 McCowan St Fall River	PAC	1	2	\$5,760.00
12/24/2024	Town of Walpole	143 School St Walpole	PAC	4	8	\$37,095.00
Total Disbursed 7/1/2024 - 12/31/2024			15 projects	58	96	\$410,517.42
Cumulative Total Disbursed through 12/31/2024			445 projects	1185	2221	\$8,479,451.23

In accordance with Section 5.3 of the Volkswagen *Environmental Mitigation Trust Agreement for State Beneficiaries*, I attest that the information contained in this report is true and correct and that this submission is made under penalty of perjury.

Date: March 4, 2025

Signature:

MassDEP Commissioner Bonnie Heiple