

**APPENDIX D-4**  
**Beneficiary Eligible Mitigation Action Certification**

## BENEFICIARY ELIGIBLE MITIGATION ACTION CERTIFICATION

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Beneficiary State of Montana

Lead Agency Authorized to Act on Behalf of the Beneficiary Montana Department of Environmental Quality  
*(Any authorized person with delegation of such authority to direct the Trustee delivered to the Trustee pursuant to a Delegation of Authority and Certificate of Incumbency)*

<b>Action Title:</b>	Montana 2019-2020 Charge Your Ride
<b>Beneficiary's Project ID:</b>	VWT2020-02
<b>Funding Request No.</b>	<i>(sequential)</i> 2
<b>Request Type: (select one or more)</b>	<input type="checkbox"/> Reimbursement <span style="float: right;"><input checked="" type="checkbox"/> Advance</span> <input type="checkbox"/> Other (specify): _____
<b>Payment to be made to: (select one or more)</b>	<input checked="" type="checkbox"/> Beneficiary <input type="checkbox"/> Other (specify): _____
<b>Funding Request &amp; Direction (Attachment A)</b>	<input checked="" type="checkbox"/> Attached to this Certification <input type="checkbox"/> To be Provided Separately

### SUMMARY

<b>Eligible Mitigation Action</b>	<input checked="" type="checkbox"/> Appendix D-2 item (specify): <u>9. Light Duty Zero Emission Vehicle Supply Equipment</u>
<b>Action Type</b>	<input type="checkbox"/> Item 10 - DERA Option (5.2.12) (specify and attach DERA Proposal): _____
<b>Explanation of how funding request fits into Beneficiary's Mitigation Plan (5.2.1):</b> See attached Summary Supplement	
<b>Detailed Description of Mitigation Action Item Including Community and Air Quality Benefits (5.2.2):</b> See attached Summary Supplement	
<b>Estimate of Anticipated NOx Reductions (5.2.3):</b> See attached Summary Supplement	
<b>Identification of Governmental Entity Responsible for Reviewing and Auditing Expenditures of Eligible Mitigation Action Funds to Ensure Compliance with Applicable Law (5.2.7.1):</b> Montana Legislative Audit Division	
<b>Describe how the Beneficiary will make documentation publicly available (5.2.7.2).</b> <b>See attached Summary Supplement</b>	
<b>Describe any cost share requirement to be placed on each NOx source proposed to be mitigated (5.2.8).</b> See attached Summary Supplement	
<b>Describe how the Beneficiary complied with subparagraph 4.2.8, related to notice to U.S. Government Agencies (5.2.9).</b>	

On February 27, 2018 MTDEQ sent e-mail notices of availability of funds to representatives of the U.S. Department of Interior and U.S. Department of Agriculture listed in subparagraph 4.2.8

If applicable, describe how the mitigation action will mitigate the impacts of NOx emissions on communities that have historically borne a disproportionate share of the adverse impacts of such emissions (5.2.10).

See attached Summary Supplement

**ATTACHMENTS**  
(CHECK BOX IF ATTACHED)

- Attachment A Funding Request and Direction.
- Attachment B Eligible Mitigation Action Management Plan Including Detailed Budget and Implementation and Expenditures Timeline (5.2.4).
- Attachment C Detailed Plan for Reporting on Eligible Mitigation Action Implementation (5.2.11).
- Attachment D Detailed cost estimates from selected or potential vendors for each proposed expenditure exceeding \$25,000 (5.2.6). [Attach only if project involves vendor expenditures exceeding \$25,000.]
- Attachment E DERA Option (5.2.12). [Attach only if using DERA option.]
- Attachment F Attachment specifying amount of requested funding to be debited against each beneficiary's allocation (5.2.13). [Attach only if this is a joint application involving multiple beneficiaries.]

**CERTIFICATIONS**

By submitting this application, the Lead Agency makes the following certifications:

1. This application is submitted on behalf of Beneficiary State of Montana, and the person executing this certification has authority to make this certification on behalf of the Lead Agency and Beneficiary, pursuant to the Certification for Beneficiary Status filed with the Court.
2. Beneficiary requests and directs that the Trustee make the payments described in this application and Attachment A to this Form.
3. This application contains all information and certifications required by Paragraph 5.2 of the Trust Agreement, and the Trustee may rely on this application, Attachment A, and related certifications in making disbursements of trust funds for the aforementioned Project ID.
4. Any vendors were or will be selected in accordance with a jurisdiction's public contracting law as applicable. (5.2.5)
5. Beneficiary will maintain and make publicly available all documentation submitted in



**ATTACHMENT A**

**FUNDING REQUEST AND DIRECTION**

*(Attachment to Appendix D-4, Beneficiary Eligible Mitigation Action Certification, pursuant to Paragraph 5.2 of the Environmental Mitigation Trust Agreement)*

Pursuant to the authority granted to Department of Environmental Quality [*insert Lead Agency*] to act on behalf of Beneficiary State of Montana under the Mitigation Trust, [*Lead Agency*] directs the Trustee to make the following payments from its subaccount no. \_\_\_\_\_ to the following payees, for the amounts specified on the dates specified below.

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**LEAD AGENCY INFORMATION**

Beneficiary Name:	<u>State of Montana</u>	Lead Agency Contact Person:	<u>Neal Ullman</u>
Lead Agency Name:	<u>Department of Environmental Quality</u>	Lead Agency Email Address:	<u>neal.ullman@mt.gov</u>
Lead Agency Address:	<u>1520 East 6th Ave. Helena, MT 59601</u>	Lead Agency Fax:	_____
Lead Agency Phone:	<u>406-444-6582</u>	Lead Agency TIN:	_____

*Contact information entered above may correspond to Lead Agency or any authorized person with delegation of such authority to direct the Trustee delivered to the Trustee pursuant to a Delegation of Authority and Certificate of Incumbency*

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**MITIGATION ACTION INFORMATION**

Action Title:	<u>Montana 2019-2020 Charge Your Ride</u>	Funding Request No:	<u>VWT_002</u>
Beneficiary's Project ID:	<u>VWT2020-02</u>		

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**PAYMENTS REQUESTED**

*(attach additional pages if needed)*

<b>Amount</b>	<b>Requested Date</b>	<b>Payee</b>	<b>Request Type</b>
\$331,954		Montana Department of Environmental Quality	Advance

**PAYEE CONTACT AND WIRE INFORMATION**

*(fill out both tables below for each payee and payment identified in “Payments Requested” table on p. 1; attach additional pages if needed)*

**PAYEE CONTACT INFORMATION**

Action Title:	<u>Montana 2019-2020 Charge Your Ride</u>	Beneficiary Project ID:	<u>VWT2020-02</u>
Payee Name:	<u>Montana Department of Environmental Quality</u>	Payee Contact Person:	<u>Neal Ullman</u>
Payee Address:	<u>1520 East 6th Ave. Helena, MT 59601</u>	Payee Email Address:	<u>neal.ullman@mt.gov</u>
Payee Phone:	<u>406-444-6582</u>	Payee Fax:	_____
Payee TIN:	_____		

Payment Amount	Requested Date	Request Type
\$331,954		Advance

**WIRE INFORMATION**

Receiving Bank Name:	<u>US Bank, NA</u>		
Receiving Bank Branch:	<u>Helena Branch</u>		
Receiving Bank Address:	<u>302 Last Chance Gulch, Helena, MT 59601</u>		
Bank Swift ID:	_____	National Routing No. / Bank ABA Number	_____
		<i>(Sort Code, BLZ)</i>	
Amount of Wire:	_____		
Message to Payee:	<u>Account name: State of Montana Federal ID # Account #</u>		
Instructions to Receiving Bank:	_____		
For Credit to:	<u>VW Funding- Attn: Carla Trueblood</u>		
Other Special Instructions:	_____		

*[Signature Block]*

Neal Ullman  
Montana Department of Environmental Quality

## SUMMARY Supplement Appendix D-4

### **Explanation of how funding request fits into Beneficiary's Mitigation Plan (5.2.1)**

Montana's Beneficiary Mitigation Plan posted in November 2018 proposed to use 15% of Montana's initial allocation, or approximately \$1.89 million in funding necessary for, and directly connected to, the acquisition, installation, operation and maintenance of new light duty zero emission vehicle supply equipment as authorized under Eligible Mitigation Action 9.

### **Detailed Description of Mitigation Action Item Including Community and Air Quality Benefits (5.2.2)**

Montana DEQ solicited applications from public and private entities across Montana to partially reimburse the acquisition, installation, operation and maintenance of new light duty zero emission vehicle supply equipment. Awards were made for 15 applications that will fund 30 individual charging stations – four single-port Level 2 chargers at multi-housing developments, 22 publicly available dual-port Level 2 charging stations, one publicly available single-port Level 2 charging station, and three Level 3 DCFC charging stations.

### **Estimate of Anticipated NOx Reductions (5.2.3)**

Montana DEQ estimated NOx emission reductions using the Alternative Fuel Life-Cycle Environmental and Economic Transportation (AFLEET) Tool provided by Argonne National Laboratories (<https://greet.es.anl.gov/afleet>). We calculated reductions for the three parking lot DCFC stations, four multi-unit dwellings stations (four single-port stations), and 45 parking lot stations (22 dual-port and one single-port station) using AFLEET assumptions with the exception of 50kW for the default session power for a DCFC charger and 60 minutes for default charge time. We estimate an annual reduction in NOx emissions of 155.2 pounds.

### **Describe how the Beneficiary will make documentation publicly available (5.2.7.2)**

MTDEQ maintains a webpage describing the Montana's Volkswagen Environmental Mitigation Program for State Beneficiaries. The Volkswagen Mitigation Trust webpage can be found at: <http://deq.mt.gov/Energy/transportation/VW-Settlement-Page>. Copies of the funding request certifications to the Trustee will be available through links on this web page.

Application materials, reimbursement requests, and other documentation submitted by applicants and funding recipients for Montana's Volkswagen Environmental Mitigation Program are available to the public either through the website, or upon request pursuant to Montana Code Annotated Title 2, chapter 6, part 10.

**Describe any cost-share requirement to be placed on each NOx source proposed to be mitigated (5.2.8):**

Applicants are required to provide:

- 10% match for charging stations installed at locations accessible and available to the general public located on Government Owned Property.
- 20% match for charging stations installed at places available to the general public on Non-Government Owned Property.
- 40% match for workplace and multi-unit dwelling charging station installations not available to the public.

**If applicable, describe how the mitigation action will mitigate the impacts of NOx emissions on communities that have historically borne a disproportionate share of the adverse impacts of such emissions (5.2.10)**

Of the 30 total charging stations, 23 will be located in the top 10 counties based on annual mobile sources of onroad NOX emissions (1. Yellowstone, 2. Gallatin, 3. Missoula, 9. Lewis & Clark).

Two of the remaining stations will be located in Class 1 Areas for the prevention of significant degradation (Flathead Indian Reservation and Yellowstone National Park).



## ATTACHMENT B

### **PROJECT MANAGEMENT PLAN INCLUDING DETAILED BUDGET AND IMPLEMENTATION AND EXPENDITURES TIMELINE (5.2.4)**

This funding request will provide advance funds to the Montana Department of Environmental Quality (MTDEQ) for the installation of electric vehicle charging stations under the Montana Charge Your Ride Program. The actions covered by this funding request are consistent with Eligible Mitigation Action 9 (Light Duty Zero Emission Vehicle Supply Equipment) of the State Trust Agreement and with Montana’s Beneficiary Mitigation Plan (page 8), which allocated 15 percent of Montana’s Volkswagen EMT funding.

#### ELECTRIC VEHICLE CHARGING STATIONS TO BE FUNDED THROUGH THIS REQUEST

Thirty electric vehicle charging stations will be funded through this request. Successful applicants include:

- City of Billings – 3 dual-port Level 2 stations
- City of Helena – 3 dual-port Level 2 stations
- GBP Enterprises, LLC – 1 dual-port Level 2 station
- Gallatin Import Group – 1 single-port Level 2 station, 1 DCFC station
- Mountain View Meadows, LLC – 1 dual-port Level 2 station
- MTB Management, Inc. – 1 DCFC station, Polson
- MTB Management, Inc. – 1 DCFC station, Wye
- University of Montana – 5 dual-port Level 2 stations
- Olive and Black Investors, LLC – 2 single-port Level 2 stations
- WL-HB One 11 Loft Owners, LLC – 2 single-port Level 2 stations
- Town of Virginia City – 1 dual-port Level 2 station
- City of Hamilton – 1 dual-port Level 2 station
- City of Billings Logan International Airport – 3 dual-port Level 2 stations
- Montana Department of Administration – 4 dual-port Level 2 stations

#### PROJECT SCHEDULE AND TIMELINE, MONTANA CHARGE YOUR RIDE PROGRAM

<b>Project Milestone</b>	<b>Date</b>
Montana DEQ posts information and application materials on agency website; e-mail notification to Volkswagen Mitigation stakeholders list	29 August, 2019
Deadline for submission of applications	4 October, 2019; 18 November, 2019; 13 January, 2020; March 16, 2020; 18 May, 2020
Review of applications	Within 10 days of application deadline
Initial notification to successful applicants	Within 30 days of application deadline
Formal notification to successful applicants	Within 30 days of application deadline
Montana DEQ submits Project Certification and Funding Direction for Advanced Funding	September 2020

Finalization of contracts with funding recipients	September 2020
Trustee allocates Advanced Funding to MTDEQ	November 2020
Montana DEQ reports on project progress	December 2020
Montana DEQ reports on project progress	July 2021
Montana DEQ reports on project progress	December 2021
Montana DEQ reviews reimbursement requests from recipients and provides payments for projects completed.	Q1-Q3 2021
Deadline for completion of charging station projects	30 September, 2021
MTDEQ reports project completion	October 2021

## **Project Budget**

<b>Period of Performance: July 2020 – September 2021</b>			
<b>Budget Category</b>	<b>Share of Total Budget to be Funded by the Trust</b>	<b>Cost-Share to be Paid by Project Recipient</b>	<b>Total Budget Amount</b>
Costs associated with installation of electric vehicle charging stations	\$288,656	\$213,557	\$502,213
Contractor Support	\$0	\$0	\$0
Subrecipient support	\$0	\$0	\$0
Administrative Costs (15%) Program planning, development, outreach, and administration	\$43,298	\$0	\$0
<b>Project Totals</b>	<b>\$331,954</b>	<b>\$213,557</b>	<b>\$545,511</b>
Percentage	60%	40%	100%

## **PROJECTED ANNUAL TRUST ALLOCATIONS**

	2020	2021	2022
1. Anticipated Annual Project Funding Request to be paid through the Trust	\$561,954	\$5,290,000	\$2,600,000
2. Anticipated Annual Cost Share	\$2,138,288	\$1,398,000	\$1,220,000
3. Anticipated Total Project Funding by Year (line 1 plus line 2)	\$2,700,242	\$6,688,000	\$3,820,000
4. Cumulative Trustee Payments Made in Previous Years Against Cumulative Approved Beneficiary Allocation	\$1,050,000	\$1,611,954	\$6,901,954
5. Current Beneficiary Project Funding to be paid through the Trust (line 1)	\$561,954	\$5,290,000	\$2,600,000
6. Total Funding Allocated to Beneficiary, inclusive of Current Action by Year (line 4 plus line 5)	\$1,611,954	\$6,901,954	\$9,501,954
7. Beneficiary Share of Estimated Funds Remaining in Trust at Start of Year	\$11,552,425	\$10,990,471	\$5,700,471
8. Net Beneficiary Funds Remaining in Trust, net of cumulative Beneficiary Funding Actions (line 7 minus line 5)	\$10,990,471	\$5,700,471	\$3,100,471

## **ATTACHMENT C**

### **DETAILED PLAN FOR REPORTING ON ELIGIBLE MITIGATION ACTION IMPLEMENTATION (5.2.11)**

The Montana Department of Environmental Quality (DEQ) will provide detailed reporting on this funding request under Eligible Mitigation Action 9 (Light Duty Zero Emission Vehicle Supply Equipment) in two ways: 1) timely updates to DEQ's Volkswagen Environmental Mitigation Program web page and 2) semi-annual reports to the Trustee as required by subparagraph 5.3 of the Environmental Mitigation Trust for State Beneficiaries.

#### **DEQ Website**

DEQ has a webpage dedicated to the Volkswagen Environmental Mitigation Program that includes projects and actions that are eligible for funding and the status of funding. The website is found at: <http://deq.mt.gov/Energy/transportation/VW-Settlement-Page>. Copies of funding request certifications to the Trustee will be available through this web page. This page will link to current and past projects and categories funded through the Trust.

Application materials, reimbursement requests, and other documentation for Montana's Volkswagen Environmental Mitigation Program are available to the public either through the website, or upon request pursuant to Montana Code Annotated Title 2, chapter 6, part 10.

#### **Semi-Annual Reports to the Trustee**

As required by subparagraph 5.3 of the Environmental Mitigation Trust Agreement for State Beneficiaries, DEQ will submit a report to the Trustee within six months of the first disbursement and thereafter no later than January 30 and July 30 for preceding six-month periods. These reports will describe the progress implementing current and any other Eligible Mitigation Action ongoing during the reporting period. These reports will include a summary of all costs expended and a complete description of the status (including actual or projected termination date), development implementation, and any modification of the Eligible Mitigation Action. These semi-annual reports to the Trustee will be available for public access through links on the main Volkswagen Trust page on the DEQ website.

**ATTACHMENT D**

**DETAILED COST ESTIMATES FROM SELECTED VENDORS FOR EACH PROPOSED EXPENDITURE  
EXCEEDING \$25,000 (5.2.6)**

<b>Agency</b>	<b>Equipment</b>	<b>Manufacturer</b>	<b>Model</b>	<b>Fuel</b>	<b>Expected Purchase Price (per station)</b>
MTB Management, Inc	DCFC station	Enel X	Juice Pump	Electric	\$31,600
MTB Management, Inc	DCFC station	Enel X	Juice Pump	Electric	\$31,600
Gallatin Import Group	DCFC station	BTCPower	Slim 50kW DCFC	Electric	\$29,850

Each applicant for the 2019-2020 Montana Charge Your Ride Program was required to seek at least three price quotes for electric vehicle charging equipment and submit them with their application. Only the DCFC station awards to MTB Management and Gallatin Import Group exceeded \$25,000 for the equipment (does not include installation costs). The bids are attached below.



## 2020 KERBspace Pricing

Date: 3/23/20

SYSTEM: **enel X Juice Pump**  
SIZE (kW): 50 kW  
PLUG: CCS, CHadeMO

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PRICING — PER UNIT:		<b>MSRP</b>
SYSTEM HARDWARE	Option 1: JuicePump with UPT with 8' cable	\$31,000
	Option 2: JuicePump with UPT with 12' cable	\$31,735

PRICING — ONGOING:		
NETWORKING	Networking capabilities	\$400
(Annual)		

SHIPPING — PER UNIT:	Freight to location	\$200
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SUBTOTAL (UPON INSTALLATION):

\$31,600

--OR--

\$32,335

YEARS 2+ (ONGOING): \$400

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# JUICE PUMP™

Commercial Charging Stations

## Offer attractive and convenient DC fast charging with JuicePump

With the rapid growth of electric vehicles, offering fast and convenient EV charging is one of the best ways to put your business on the map. Attract new customers with JuicePump, our DC fast charging (DCFC) solution that provides EV drivers a full charge in the time it takes to visit your business. JuicePump is built to last and features two charging ports that provide universal compatibility with all EVs.

Take advantage of infrastructure incentives to bring JuicePump to your property today:

- Attract more visitors by offering high-speed EV charging
- Minimize maintenance costs with a state-of-the-art liquid-cooling system
- Configure access and payment settings from the JuiceNet Enterprise smart charging dashboard
- Generate revenue with unattended payment terminal (UPT) and in-app software payment options
- Invest in a solution that lasts with durable UV-resistant exterior and 3-year manufacturer's warranty
- Save on installation and locate your DC fast chargers in the optimal location with compact and lightweight design

### Why JuicePump?

#### Faster charging

Drivers can charge vehicles up to 80% within 30 minutes

#### Public charging network

Join a fast-growing network serving thousands of EV drivers

#### Eligible for incentives

JuicePump is approved for utility and state-sponsored incentive programs including CALeVIP

#### Universal compatibility\*

CCS-1 and CHAdeMO compliance ensures compatibility with all EVs\*\*

#### Flexible and easy installation

Save on upfront costs with compact and lightweight DCFC

#### Smart charging software

Use the JuiceNet software platform to restrict station access and collect payment



\*USA and Canada only

\*\*Tesla requires CHAdeMO adapter

## JuicePump Specifications

### Network Connection

- › 4G and Gigabit Ethernet
- 

### RFID

- › MIFARE ISO/IEC14443A/B, ISO/IEC15693,ISO/IEC18000-3, FeliCa, NFC, EMV 2.0
- 

### Communication Protocol

- › OCPP 1.6J
- 

### JuiceNet Enterprise Software

- › Precision measurement of power, energy, voltage & current
  - › Web-based portal: set payment rates and charging hours; monitor charging status and consumption data; control station access; load balancing
  - › Driver app to monitor and pay for charging (iOS & Android)
  - › Read more on JuiceNet Enterprise data sheet
- 

### Weight

- › 165 kg (363.76 lbs)
- 

### Electrical Protection

- › Short circuit; Over voltage: RCD
- 

### Dimensions

- › 2000(H) x 750(W) x 330(D) mm | 78.74(H) x 29.53(W) x 13.00(D) in
- 

### Certifications

- › CE, cUL, UL, CHAdeMO, RCM, FCC, IC, CALeVIP
-