

APPENDIX D-4
Beneficiary Eligible Mitigation Action Certification

2020 VRP_EMA1_Class 8 Truck

Project ID: 2020-02

June 30, 2020

BENEFICIARY ELIGIBLE MITIGATION ACTION CERTIFICATION

Beneficiary State of Idaho

Lead Agency Authorized to Act on Behalf of the Beneficiary Idaho Department of Environmental Quality (DEQ)
(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)

Action Title:	2020 VRP_EMA1_Class 8 Truck
Beneficiary's Project ID:	2020 - 02
Funding Request No.	<i>(sequential)</i>
Request Type: (select one or more)	<input checked="" type="checkbox"/> Reimbursement <input type="checkbox"/> Advance <input type="checkbox"/> Other (specify): _____
Payment to be made to: (select one or more)	<input checked="" type="checkbox"/> Beneficiary <input checked="" type="checkbox"/> Other (specify): <u>Project Sponsor</u>
Funding Request & Direction (Attachment A)	<input type="checkbox"/> Attached to this Certification <input checked="" type="checkbox"/> To be Provided Separately

SUMMARY

Eligible Mitigation Action	<input checked="" type="checkbox"/> Appendix D-2 item (specify): <u>EMA - 1 Class 8 Local Freight Truck, Vehicle Replacement</u> <input type="checkbox"/> Item 10 - DERA Option (5.2.12) (specify and attach DERA Proposal):
Action Type	
Explanation of how funding request fits into Beneficiary's Mitigation Plan (5.2.1): See attached.	
Detailed Description of Mitigation Action Item Including Community and Air Quality Benefits (5.2.2): See attached.	
Estimate of Anticipated NOx Reductions (5.2.3): See attached.	
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): See attached.	
Describe how the Beneficiary will make documentation publicly available (5.2.7.2). See attached.	
Describe any cost share requirement to be placed on each NOx source proposed to be mitigated (5.2.8). See attached.	
Describe how the Beneficiary complied with subparagraph 4.2.8, related to notice to U.S. Government Agencies (5.2.9). See attached.	

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).

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.]

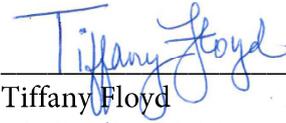
CERTIFICATIONS

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

1. This application is submitted on behalf of Beneficiary State of Idaho, 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

support of this funding request and all records supporting all expenditures of eligible mitigation action funds subject to applicable laws governing the publication of confidential business information and personally identifiable information. (5.2.7.2)

DATED: 7/1/2020



Tiffany Floyd
Air Quality Division Administrator
Idaho Department of Environmental Quality

[LEAD AGENCY]

for

State of Idaho

[BENEFICIARY]

BENEFICIARY ELIGIBLE MITIGATION ACTION CERTIFICATION
EMA-1_Class 8 Truck – Vehicle Replacement Program
State of Idaho, Department of Environmental Quality

SUMMARY

Explanation of how funding request fits into Beneficiary’s Mitigation Plan (5.2.1):

This project is the Idaho DEQ’s 2020 Vehicle Replacement Program (VRP) for Class 8 local freight trucks. The State of Idaho Beneficiary Mitigation Plan (BMP), posted in May 2018 identified environmental priorities for the state that mitigation actions as described in Appendix D-2 could address, including air quality and public health. As described in Section 4.2 of Idaho’s Beneficiary Mitigation Plan, Idaho will use trust funds as a rebate toward Project Sponsors’ replacement of eligible Class 8 Local Freight Truck and Port Drayage Trucks.

The Idaho DEQ has completed an application period for DEQ’s Vehicle Replacement Program which includes applications received for vehicles under Eligible Mitigation Action (EMA) 1, 2, 6, and 10. This D-4 is specific to EMA-1; funding requests for program administration will be sent separately; additional funding request to distribute funds from the Trust directly to the Project Sponsor will be sent as projects are completed.

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

The VRP for EMA-1, Class 8 Trucks will provide between 25%-45% of the cost to replace eligible large diesel trucks in the form of a rebate once the new vehicle is purchased and the vehicle being replaced is properly scrapped. The Idaho BMP outlined a plan to be used for project selection scoring criteria that prioritizes areas designated as air quality priority areas, prioritizes counties designated as NOx emission priority counties, as well as those projects that will impact areas with larger sensitive populations. The projects funded under the EMA-1 will include areas within Idaho that are currently designated as non-attainment for PM2.5 (Franklin County), and that DEQ has identified as areas of concern (i.e., areas that have concentration near the NAAQS), including Ada, Canyon, and Lemhi counties. A portion of Franklin County, Logan UT/ID NAA, was designated as nonattainment for the 2006 24-hour PM2.5 NAAQS in 2009. Ada County has been identified by EPA as an area where the population is exposed to more than 2.0 µg/m³ of diesel PM2.5 emissions. DEQ has identified Lemhi County as an area of concern for PM2.5. Projects selected will reduce particulate matter emissions and ozone precursor emissions in these regions of poor air quality. While projects will be completed in these counties, DEQ will provide rebates statewide as applications are approved.

Estimate of Anticipated NOx Reductions (5.2.3):

For this particular D-4, associated with EMA-1 for Class 8 Trucks, the proposed replacements would reduce diesel engine emissions of nitrogen oxides, particulate matter, carbon monoxide, hydrocarbons, and carbon dioxide.

The estimated emission reductions were calculated for each application received using the EPA’s Diesel Emission Quantifier (“Quantifier”) and are based on information gathered on each application. Annual mileage and fuel usage for each vehicle was input into the model. Some additional assumptions or special notes related to the Quantifier include:

- Estimated years of remaining life were calculated using useful remaining vehicle life of 35-years, based on stakeholder interaction and feedback.
- Idling hours were based on the Quantifier Default Values found in EPA document number EPA-420-B-10-035, which may be found here: <http://purl.fdlp.gov/GPO/gpo18652>
- ‘Annual miles driven’ information is provided by the Project Sponsor for each vehicle on the application.
- Default annual idling hours provided in the Quantifier were utilized.

The Idaho DEQ has completed an application process associated with a Vehicle Replacement Program; applications were received for Mitigation Actions 1, 2, 6, and 10. Applications received include total project costs of \$23,071,756 of which \$8,290,395 has been requested in VW Settlement Trust funding. The estimated lifetime emission from these applications if they were all funded is 209.65 tons of NOx at a cost of \$128,788/ton; if all applications were funded, the funding would go toward replacing 85 vehicles.

For this specific D-4, associated with EMA-1 and Class 8 Trucks replacements, funding would go toward the replacement of approximately 26 vehicles to be replaced with new diesel, compressed natural gas, propane, or all-electric powered vehicles. If all applications were funded, the anticipated total lifetime emission reduction for EMA-1 vehicles is 90.5 tons of NOx, with an average cost of \$41,167 per ton on NOx emission reduced.

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):

The Idaho Department of Environmental Quality, Air Quality Division

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

As stated in Paragraph 7 of Idaho’s Appendix D-3 filing:

(i) Information obtained by the Beneficiary is subject to public disclosure pursuant to the provisions of Idaho’s Public Records Act, Chapter 1, Title 74, Idaho Code, and IDAPA 58.01.21, Rules Governing the Protection and Disclosure of Records in the Possession of the Idaho Department of Environmental Quality.

(ii) The Idaho DEQ has established a ‘Volkswagen Diesel Settlement’ website, which may be found at www.deq.idaho.gov/vw-settlement. The website provides information regarding the State Trust Agreement, Idaho’s Beneficiary Mitigation Plan, as well as the Idaho specific funding programs available. Documents submitted by Idaho DEQ to the Trustee will be available to the public on the DEQ’s VW Settlement website, including those submitted in support of each funding request. Stakeholders may subscribe to the page and receive automatic updates when new information is posted to the website. Information will also be available to the public on the Trustee website at <http://www.vwenvironmentalmitigationtrust.com>.

(iii) In accordance with Sections 74-101 through 74-119, Idaho Code, and IDAPA 58.01.21, Rules Governing the Protection and Disclosure of Records in the Possession of the Idaho Department of Environmental Quality, any information submitted to the Beneficiary may be claimed as confidential by the submitter. It shall be the responsibility of the submitter to give notice of the existence of a claim of confidentiality on each page or other portion of information at the time of submittal, and such person shall have the burden of demonstrating that the information is confidential and exempt from disclosure under Idaho law.

Describe any cost share requirement to be placed on each NOx source proposed to be

mitigated (5.2.8).

Depending on the applicant (government or non-government) and the type of vehicle engine type to be purchased (diesel, compressed natural gas/propane, or all-electric) the cost share requirement will vary based on the follow table included in the DEQ application guide. In some cases a Project Sponsor may request less than what they are eligible to receive. Total estimated cost share dollars for EMA-1 are included in Attachment B, Project Budget.

EMA 1—Class 8 local freight trucks and port drayage trucks (eligible large trucks).

Replacement	Diesel	Alternate Fuel	All Electric^a
Government	40%	40%	45%
Nongovernment	25%	25% ^b	45%

- a. DEQ will also fund 45% of the cost of infrastructure for charging new all-electric vehicles.
- b. 40% for Drayage.

Describe how the Beneficiary complied with subparagraph 4.2.8, related to notice to U.S. Government Agencies (5.2.9).

Idaho DEQ e-mailed Trust related documentation to recipients specified in subparagraph 4.2.8 on February 13, 2018.

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).

DEQ will review and score all completed applications received for eligible projects by following a scoring matrix provided in the application guidance document attached to the Vehicle Replacement Program application. Applications from areas designated as nonattainment, maintenance areas, or areas of concern will receive more points in the application review process. Also, projects in counties with higher diesel oxides of nitrogen (NOx) emissions currently impacting the public will be awarded points in this category. Points are scored based on a range of NOx emissions for the associated county, with more points being awarded to counties exposed to higher levels of NOx emissions.

The projects funded under this EMA-1 D-4 will include areas within Idaho that are currently designated as non-attainment for PM2.5 (Franklin County), and that DEQ has identified as areas of concern (i.e., areas that have concentration near the NAAQS), including Ada, Canyon, and Lemhi counties. A portion of Franklin County, Logan UT/ID NAA, was designated as nonattainment for the 2006 24-hour PM2.5 NAAQS in 2009. Ada County has been identified by EPA as an area where the population is exposed to more than 2.0 µg/m³ of diesel PM2.5 emissions. DEQ has identified Lemhi County as an area of concern for PM2.5. Projects selected will reduce particulate matter emissions and ozone precursor emissions in these regions of poor air quality. While projects will be completed in these counties, DEQ will provide rebates statewide as applications are approved.

ATTACHMENT B**Eligible Mitigation Action Plan including Detailed Budget and Implementation and Expenditures Timeline (5.2.4)**

There will be two types of funding requests associated with this EMA-1 D-4, including the following:

1. Reimbursement funding request to the Idaho Department of Environmental Quality (DEQ) for Administrative costs associated with the DEQ's Vehicle Replacement Program.
2. Rebate funding request from the Trust directly to the Project Sponsor once all requirements of the VRP have been satisfied.

PROJECT SCHEDULE AND MILESTONES

Project Step	Milestone	Date
1	Lead Agency announces 2020 Vehicle Replacement Program (VRP) by opening a 60-day application period. Applications period is subsequently extended to allow for potential COVID-related delays in Project Sponsors' application submissions.	01/29/2020
2	Lead Agency's 2020 VRP application period closes; all Project Sponsors' applications submitted to Lead Agency.	06/01/2020
3	Lead Agency submits D-4 to Trustee.	06/30/2020
4	Lead Agency provides initial funding decisions alerting Project Sponsors of application selection to receive funding.	07/30/2020
5	Trustee Approves D-4.	08/30/2020
6	Lead Agency develops agreement with Project Sponsors regarding VRP projects, including eligible rebate amount, cost-share and scrappage requirements, and terms and conditions.	07/30/2020 – 08/30/2020
7	Project Sponsors purchases new vehicle(s) and scraps vehicle(s) to be replaced, submits a DEQ VRP Rebate Request Form accompanied with detailed invoices for all claimed project costs, documentation for vehicle purchase(s) and vehicle scrappage, and required project completion certification documents to Lead Agency.	09/01/2020 (or Step 6 + 6-12 months)
8	Lead Agency submits Attachment A, Funding Request and Direction, for payment(s) associated with administrative costs on a quarterly basis, beginning at Lead Agency's discretion.	Beginning approximately April 2021, and quarterly thereafter.
9	Lead Agency completes review of Project Sponsor rebate requests, and submits Attachment A, Funding Request and Direction, to Trustee for rebate reimbursement payment directly to Project Sponsor.	Step 7 + 5-10 business days.
10	Trustee acknowledges receipt of Attachment A, Funding Request and Direction, and completes reimbursement payment to Project Sponsor.	Step 9 + 14 calendar days
11	Project Sponsor certifies project completion.	Step 10 + 5 business days
12	Lead Agency reports project completion.	Step 11 + 5 business days

PROJECT BUDGET			
Period of Performance			
Budget Category	Total Approved Budget	Share of Total Budget to be Funded by the Trust	Cost-Share, Project Sponsors
1. Equipment Expenditure	\$9,420,226	\$3,812,380	\$5,607,846
2. Contractor Support <i>(Provide List of Approved Contractors as Attachment with approved funding ceilings)</i>	\$0	\$0	\$0
3. Subrecipient Support <i>(Provide List of Approved Subrecipients or Grant Awardees as Attachment with approved funding ceilings)</i>	\$0	\$0	\$0
4. Administrative ¹	\$50,000	\$50,000	\$0
Project Totals	\$9,470,226	\$3,862,380	\$5,607,846
Percentage	%	%	%

1. Subject to Appendix D-2 15% Administrative Cap

PROJECTED TRUST ALLOCATIONS: EMA-1			
	2020	2021	2022
1. Anticipated Project Funding Request to be paid through the Trust	\$234,727*	\$2,945,881*	\$681,773*
2. Anticipated Annual Cost Share	\$327,090	\$4,442,301	\$838,454
3. Anticipated Total Project Funding by Year (line 1 plus line 2)	\$561,817	\$7,388,182	\$1,520,228
4. Cumulative Trustee Payments Made to Date Against Cumulative Approved Beneficiary Allocation	\$8,220,977	\$8,455,704	\$11,401,585
5. Current Beneficiary Project Funding to be paid through the Trust (line 1)	\$234,727	\$2,945,881	\$681,773
6. Total Funding Allocated to for Beneficiary, inclusive of Current Action by Year (line 4 plus line 5)	\$8,455,704	\$11,401,585	\$12,083,358
7. Beneficiary Share of Estimated Funds in Trust	\$17,349,037	\$17,349,037	\$17,349,037
8. Net Beneficiary Funds Remaining in Trust, net of cumulative Beneficiary Funding Actions (line 7 minus line 6)	\$8,893,333	\$5,947,452	\$5,265,679

* Includes 1/3 of Administrative Budget Category

ATTACHMENT C

Detailed Plan for Reporting on Eligible Mitigation Action Implementation (5.2.11)

The DEQ will provide detailed reporting on this funding request through the following:

1. Timely updates to the DEQ's Volkswagen Diesel Settlement website.
2. Semi-annual reporting to the Trustee as required by subparagraph 5.3 of the Environmental Mitigation Trust for State Beneficiaries.

DEQ Website

The Idaho Department of Environmental Quality maintains a website describing the DEQ's activities associated with the Volkswagen Diesel Emissions Environmental Mitigation Trust for State Beneficiaries. The website may be found here: <http://www.deq.idaho.gov/vw-settlement>. Information associated with DEQ's VW programs, applications and application guides, as well as a description of the VW Beneficiary Mitigation Plan, and community outreach activities. Documents submitted by Idaho DEQ to the Trustee will be available to the public on the DEQ's VW Settlement website, including those submitted in support of each funding request. Stakeholders may subscribe to and receive automatic updates when new information is posted to the website.

All application material, reimbursement requests, and required documentation submitted by applicants and funding recipients for the DEQ's DERA program are archived in the DEQ Enterprise Content Management System and are available to the public through the State Online Public Records Request, which may be accessed through the DEQ online form (<http://www.deq.idaho.gov/contact-us/public-records-request/online-prr-request-form/>).

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 6 months of the first disbursement and thereafter no later than January 30 and July 30 for the preceding 6-month periods. These reports will describe the progress implementing this 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 the actual or projected termination date), development, implementation, and any modification of the Eligible Mitigation Action. These semi-annual reports to the Trustee will be posted on the DEQ website for public access.

ATTACHMENT D**Detailed cost estimate from selected or potential vendors for each proposed expenditure exceeding \$25,000**

The Idaho Department of Environmental Quality received vehicle estimates from Project Sponsors applying for VW settlement funds through the DEQ's 2020 Vehicle Replacement Program (VRP). DEQ received 29 VRP applications for the replacement of 85 vehicles. Attached are estimates for applications associated with EMA-1 exceeding \$25,000. These estimates do not convey an entitlement to applicants; funding decisions will be made after application reviews are completed.

Applicant Organization	City	County	EMA	Vehicle Replacement Project Description	Veh. Qty	Total Project Cost	Total VW Project Cost	Vehicle Cost Estimate	VW Project Cost/Vehicle	Funding Request %
Bonner County Road & Bridge	Sandpoint	Bonner	1	Replace 2 diesel dump trucks and 1 tractor truck with new diesel vehicles	3	\$587,018	\$234,807	\$182,054 - \$202,482	\$72,821 - \$80,993	40%
Blaine County	Hailey	Blaine	1	Replace 2 diesel dump trucks with new diesel vehicles	2	\$265,350	\$106,140	\$132,675	\$53,070	40%
Hillsdale Highway District	Hazelton	Jerome	1	Replace 3 diesel dump and 1 tractor truck with new diesel vehicles	3	\$665,685	\$266,274	\$148,680 - \$172,335	\$59,472 - \$68,934	40%
Franklin County Road & Bridge	Preston	Franklin	1	Replace 2 diesel dump trucks with new diesel vehicles	2	\$459,822	\$183,928	\$229,911	\$91,964	40%
City of Boise	Boise	Ada	1	Replace 1 diesel dump truck with new diesel vehicle	1	\$244,635	\$97,854	\$244,635	\$97,854	40%
Wes Olson Trucking	Sandpoint	Bonner	1	Replace 4 diesel logging tractor trucks with new diesel vehicles	4	\$658,195	\$164,549	\$165,072	\$41,268	25%
Franklin County Solid Waste	Preston	Franklin	1	Replace 1 diesel refuse truck with new diesel vehicle	1	\$279,800	\$111,920	\$279,800	\$111,920	40%

Applicant Organization	City	County	EMA	Project Description	Veh. Qty	Total Project Cost	Total VW Project Cost	Vehicle Cost Estimate	VW Project Cost/Vehicle	Funding Request %
Republic Services	Boise	Ada	1	Replace 1 diesel refuse trucks with new CNG vehicle	1	\$339,946	\$84,986	\$339,946	\$84,986	25%
Republic Services	Boise	Ada	1	Replace 5 diesel refuse trucks with new EV vehicles	5	\$4,237,793	\$1,907,006	\$847,558	\$847,558	45%
Wilbur-Ellis Nutrition, LLC	San Francisco	Twin Falls*	1	Replace 3 diesel propane-delivery trucks with new diesel trucks	3	\$406,239	\$81,247	\$131,930 - \$142,379	\$26,386 - \$28,475	20%
Meridian Fire Department	Meridian	Ada	1	Replace 1 diesel fire truck with new EV vehicle.	1	\$1,222,400	\$550,080	\$1,222,400	\$550,080	45%
Totals					26	\$9,420,226.32	\$3,812,380.37			

*Company based out of State, County listed is primary area of vehicle operation.