

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

**BENEFICIARY ELIGIBLE MITIGATION ACTION CERTIFICATION**

Beneficiary Arizona

Lead Agency Authorized to Act on Behalf of the Beneficiary Arizona Department of Administration (ADOA)  
*(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>	School Bus Replacement Project
<b>Beneficiary's Project ID:</b>	19-01
<b>Funding Request No.</b>	<i>(sequential)</i> 01
<b>Request Type: (select one or more)</b>	<input type="checkbox"/> Reimbursement <input checked="" type="checkbox"/> Advance <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>2</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
<b>Detailed Description of Mitigation Action Item Including Community and Air Quality Benefits (5.2.2):</b> See Attached
<b>Estimate of Anticipated NOx Reductions (5.2.3):</b> See Attached
<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> See Attached
<b>Describe how the Beneficiary will make documentation publicly available (5.2.7.2).</b> See Attached
<b>Describe any cost share requirement to be placed on each NOx source proposed to be mitigated (5.2.8).</b> See Attached
<b>Describe how the Beneficiary complied with subparagraph 4.2.8, related to notice to U.S. Government Agencies (5.2.9).</b> See Attached

Beneficiary Eligible Mitigation Action Certification- Supplemental Information

Beneficiary: State of Arizona

Lead Agency: Arizona Department of Administration

In Support of Funding Request No.1

**SUMMARY**

<p><b>Eligible Mitigation Action: Appendix D-2 item (specify): 2 - Class 4-8 school buses</b></p>
<p><b>Explanation of how funding request fits into Beneficiary Mitigation Plan (5.2.1):</b></p> <p>The State of Arizona’s Environmental Mitigation Plan is to protect Arizona’s environment and the health of our citizens. The Trust funds allow the State the opportunity to offset (mitigate) the impact of excess nitrogen oxide (NOX) emissions associated with the affected vehicles registered within the state. The reduction of NOX from mobile sources achieves the intended use of the Trust funds by preventing the deterioration of air quality, ensuring the health and safety of the inhabitants of the state, and promoting visibility improvement within the state. Implementation of diesel NOX reduction projects specifically through the replacement of school buses using Trust funds will have immediate and long-lasting benefits.</p>
<p><b>Detailed Description of Mitigation Action Item Including Community and Air Quality Benefits</b></p> <p>Title 1 School districts will be given the opportunity to apply for funding to scrap and replace older diesel powered school buses with new diesel or alternative fuel buses. Eligible school districts with buses that meet the minimum requirements being 15 years old with 100,000 miles will be funded on a formula basis in an effort to ensure each eligible district receives at least one bus in efforts to replace up to 10% of their fleet. The school bus replacement project will draw \$38 million of Arizona’s allocation, approximately 67% of the total available.</p> <p>Arizona’s school bus replacement project, will strive to balance the environmental and societal benefits among Arizona’s cities, counties, and statewide interests for all Arizona citizens who are impacted by NOX emissions generated by on-road diesel-fueled vehicles. Specifically within non-attainment areas across the state where excessive levels of ozone aggravate respiratory conditions. People most at risk from breathing air containing ozone include people with asthma, children, older adults, and people who are active outdoors, especially outdoor workers.</p> <p>The ADEQ analyzed a sample of eligible projects that included replacing school buses, with diesel and alt-fuel versions. The estimated total lifetime emission reductions from this group are approximately 385.45 tons of NOX. It is anticipated that a minimum of 110 school districts will receive funding and that more than 330 total school buses will be procured. Please see the attached list of projected school districts and the number of buses they are eligible for.</p>
<p><b>Estimate of Anticipated NOx Reductions (5.2.3):</b></p> <p>These values do not indicate a commitment to the funding amounts or projects ultimately selected.</p>

As the Trust program evolves, the terms of the Plan will be adjusted to reflect changes to the funding percent allocations to the groups. The estimated emissions were calculated using the EPA's Diesel Emissions Quantifier and are based on the percentages stated above. Other assumptions used for the calculations of the emission reductions include:

- All vehicles are model year of 2002;
- The upgrade year is 2018;
- Estimated years remaining life of 12 years; and
- The use of diesel fuel for the replacement vehicle.

The estimated total lifetime emission reductions from this group are approximately 385.45 tons of NOX.

**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):**

Arizona Department of Administration (ADOA)

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

The Arizona Department of Administration (ADOA) has created a public website, <https://vwsettlement.az.gov/> for information relating to the Trust, the VW Partial Consent Trust Decrees, Arizona's plans, and implementation information. To provide transparency and accountability, the Department will post information on its VW website.

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

Environmental Mitigation Funds will provide up to 100 percent or \$110,000, whichever is less for diesel bus replacement and up to 100 percent or \$135,000, whichever is less for alternative fuel replacement, towards school bus replacement costs. Recipients will be responsible for providing the remaining balance. It is anticipated that a minimum of 110 school districts will receive funding and that more than 330 total school buses will be procured. Please see the attached list of projected school districts and the number of buses they are eligible for.

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

ADOA notified the U.S. Department of the Interior and the U.S. Department of Agriculture on 2/16/18 using the contact information provided 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).**

The replacement buses will be distributed to Title 1 districts which include districts within the Maricopa-Pinal-Gila and Yuma non-attainment areas that have historically borne a disproportionate share of NOx emissions

District Name	ID	Projected Buses
Aguila Elementary District	4249	1
Ajo Unified District	4409	0
Alhambra Elementary District	4280	7
Altar Valley Elementary District	4418	0
Antelope Union High School District	4506	1
Apache Junction Unified District	4443	5
Arlington Elementary District	4274	0
Ash Creek Elementary District	4187	1
Avondale Elementary District	4272	2
Baboquivari Unified School District #40	4412	2
Balsz Elementary District	4268	1
Beaver Creek Elementary District	4481	1
Bicentennial Union High School District	4515	1
Bisbee Unified District	4169	3
Bouse Elementary District	4513	1
Bowie Unified District	4171	1
Buckeye Elementary District	4269	4
Bullhead City School District	4378	4
Canon Elementary District	4484	1
Cartwright Elementary District	4282	5
Casa Grande Elementary District	4446	8
Casa Grande Union High School District	4453	2
Cedar Unified District	4395	1
Chinle Unified District	4158	0
Coconino County Accommodation School District	10386	0
Colorado City Unified District	4370	1
Concho Elementary District	4160	1
Congress Elementary District	4479	1
Coolidge Unified District	4442	0
Cottonwood-Oak Creek Elementary District	4487	4
Crane Elementary District	4501	4
Creighton Elementary District	4263	4
Douglas Unified District	4174	1
Elfrida Elementary District	4185	1
Eloy Elementary District	4448	1
Flowing Wells Unified District	4405	3
Fort Thomas Unified District	4221	2
Fowler Elementary District	4273	3
Fredonia-Moccasin Unified District	4195	1
Gadsden Elementary District	4505	4
Ganado Unified School District	4157	3
Gila Bend Unified District	4238	1
Glendale Elementary District	4271	4
Hackberry School District	4371	1
Hayden-Winkelman Unified District	4212	1

Holbrook Unified District	4389	4
Hyder Elementary District	4502	1
Isaac Elementary District	4259	3
Kayenta Unified School District #27	4396	5
Kingman Unified School District	79598	9
Kirkland Elementary District	4480	1
Laveen Elementary District	4276	0
Littlefield Unified District	4374	1
Littleton Elementary District	4278	3
Maine Consolidated School District	4199	1
Mammoth-San Manuel Unified District	4439	2
Maricopa County Regional District	4234	0
Mary C O'Brien Accommodation District	4435	1
Mayer Unified School District	4473	1
Mcnary Elementary District	4163	1
McNeal Elementary District	4181	0
Miami Unified District	4211	1
Mingus Union High School District	4488	1
Mobile Elementary District	4253	1
Mohave Valley Elementary District	4379	0
Mohawk Valley Elementary District	4503	1
Morristown Elementary District	4251	1
Murphy Elementary District	4265	1
Naco Elementary District	4176	0
Nadaburg Unified School District	4252	2
Nogales Unified District	4457	1
Osborn Elementary District	4262	1
Owens School District No.6	4373	0
Page Unified District	4196	3
Palo Verde Elementary District	4275	1
Paloma School District	4255	1
Parker Unified School District	4510	3
Patagonia Elementary District	4460	0
Patagonia Union High School District	4462	1
Peach Springs Unified District	4369	1
Pearce Elementary District	4186	1
Pendergast Elementary District	4283	4
Phoenix Elementary District	4256	5
Phoenix Union High School District	4286	1
Picacho Elementary District	4452	1
Pine Strawberry Elementary District	4214	0
Pinon Unified District	4390	4
Quartzsite Elementary District	4511	1
Red Mesa Unified District	4159	4
Riverside Elementary District	4257	1
Roosevelt Elementary District	4279	6
Sacaton Elementary District	4449	1

Saddle Mountain Unified School District	4254	1
Salome Consolidated Elementary District	4514	1
San Carlos Unified District	4210	3
San Simon Unified District	4172	1
Sanders Unified District	4156	5
Santa Cruz Elementary District	4459	0
Santa Cruz Valley Unified District	4458	5
Santa Cruz Valley Union High School District	4454	1
Seligman Unified District	4472	1
Sentinel Elementary District	4250	0
Solomon Elementary District	4222	1
Somerton Elementary District	4500	2
Stanfield Elementary District	4451	1
Sunnyside Unified District	4407	8
Superior Unified School District	4440	1
Tempe School District	4258	8
Tolleson Elementary District	4264	1
Tolleson Union High School District	4288	4
Toltec School District	4450	2
Tombstone Unified District	4168	3
Tonto Basin Elementary District	4215	0
Topock Elementary District	4376	1
Tuba City Unified School District #15	4197	3
Tucson Unified District	4403	38
Union Elementary District	4277	0
Vernon Elementary District	4162	1
Washington Elementary School District	4260	12
Wellton Elementary District	4504	1
Wenden Elementary District	4512	1
Whiteriver Unified District	4394	3
Willcox Unified District	4170	2
Williams Unified District	4193	1
Wilson Elementary District	4261	0
Window Rock Unified District	4154	3
Winslow Unified District	4387	3
Yarnell Elementary District	4485	0
Young Elementary District	4213	1
Yucca Elementary District	4377	0
Yuma Elementary District	4499	7
Yuma Union High School District	4507	9





**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 Arizona, 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: 7/27/18



[NAME]

[TITLE]

Arizona Department of Administration (ADOA)

[LEAD AGENCY]

for

State of Arizona

[BENEFICIARY]

**ATTACHMENT B**

**PROJECT MANAGEMENT PLAN**  
**PROJECT SCHEDULE AND MILESTONES**

Milestone	Date
Lead Agency Provides Notice of Availability of Mitigation Action Funds	6/8/2018
In-person briefing on program at Transportation Administrations Meeting	6/21/2018
AASBO statewide conference call outlining program requirements	7/10/2018
Release of finalized allocations and application kit	8/8/2018
In-person trainings on application process	Weeks of 8/13 and 8/20
Application process closed	App Release + 4 weeks
Grant agreements signed	App Release + 9 weeks
School districts complete procuremen actions and submit purchase orders	App Release + 6 months
Buses delivered	App Release + 8 months
School districts submit evidence of bus scrapping, invoices and other documents required for reimbursemen	App Release + 9 months
ADOA/GFR reviews submissions, request corrections if necessary, and provides reimbursement	App Release + 10 months
ADOA/GFR reports to Trustee on status of Mitigation Actions completed and expenditures	Within 6 months of first disbursement

**PROJECT BUDGET**

Period of Performance: 7/1/2018 - 6/30/2019

Budget Category	Total Approved Budget	Share of Total Budget to be Funded by the Trust	Cost-Share, if applicable (Entity #1)	Cost-Share, if applicable (Entity #2)
1. Equipment Expenditure	\$ 20,700,000	\$ 20,700,000	\$ 0	\$ 0
2. Contractor Support <i>(Provide List of Approved Contractors as Attachment with approved funding ceilings)</i>	\$ 0	\$ 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	\$ 0
4. Administrative <sup>1</sup>	\$ 1,816,400	\$ 1,816,400	\$	\$
<b>Project Totals</b>	\$ 22,516,400	\$ 22,516,400	\$	\$
<b>Percentage</b>	100 %	100 %	0 %	0 %

<sup>1</sup> Subject to Appendix D-2 15% administrative cap.

**PROJECTED TRUST ALLOCATIONS:**

	2017	2018	2019	2020	2021
1. Anticipated Annual Project Funding Request to be paid through the Trust	\$ 0	\$ 36,289,800	\$ 20,370,278	\$	\$
2. Anticipated Annual Cost Share	\$ 0	\$ 0	\$ 0	\$	\$
3. Anticipated Total Project Funding by Year (line 1 plus line 2)	\$ 0	\$ 36,289,800	\$ 20,370,278	\$	\$
4. Cumulative Trustee Payments Made to Date Against Cumulative Approved Beneficiary Allocation	\$ 0	\$ 0	\$ 36,289,800	\$	\$
5. Current Beneficiary Project Funding to be paid through the Trust (line 1)	\$ 0	\$ 36,289,800	\$ 20,370,278	\$	\$
6. Total Funding Allocated to for Beneficiary, inclusive of Current Action by Year (line 4 plus line 5)	\$ 0	\$ 36,289,800	\$ 56,660,078	\$	\$
7. Beneficiary Share of Estimated Funds Remaining in Trust	\$ 0	\$ 56,660,078	\$ 0	\$	\$
8. Net Beneficiary Funds Remaining in Trust, net of cumulative Beneficiary Funding Actions (line 7 minus line 6)	\$ 0	\$ 20,370,278	\$ 0	\$	\$

## ATTACHMENT C

### DETAILED PLAN FOR REPORTING ON ELIGIBLE MITIGATION ACTION IMPLEMENTATION

The Arizona Department of Administration (ADOA) will provide detailed reporting on the school bus replacement project implementation on its public VW website and will fulfill its reporting obligations to Wilmington Trust.

The public website, <https://vwsettlement.az.gov/> was created specifically to provide information related to the Trust, the VW Partial Consent Trust Decrees, Arizona's plans, and implementation information. In order to provide transparency and accountability, the Department will post timely updates on information and will provide information on the following:

- General information on the Partial Trust Consent Decrees, including a link to the documents;
- The State's final Beneficiary Mitigation Plans,
- All public records supporting funding requests the ADOA submits to the Trustee, and all public records supporting all expenditures of the Trust Fund, subject to confidentiality laws and until the Termination Dates of the Partial Trust Consent Decrees; and
- Department contact information.

The ADOA will periodically evaluate implementation of the Beneficiary Mitigation Plan and implementation of the Eligible Mitigation Actions after the initial round of funding and will determine whether any revisions to the Beneficiary Mitigation Plan and funding levels are appropriate or necessary. If future revisions to the Beneficiary Mitigation Plan are necessary, the ADOA will seek public input on major Plan revisions generally consistent with the process outlined above, including publishing a notice of the opportunity for a 30-day public comment period regarding the proposed revisions.

In addition that state will also comply with the reporting obligations listed in the Environmental Mitigation Trust Agreement for State Beneficiaries in subparagraph 5.3:

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. To the extent a Beneficiary avails itself of the DERA Option

described in Appendix D-2, that Beneficiary may submit its DERA Quarterly Programmatic Reports in satisfaction of its obligations under this Paragraph as to those Eligible Mitigation Actions funded through the DERA Option. The Trustee shall post each semiannual report on the State Trust's public-facing website upon receipt.





**ATTACHMENT D**

**Detailed cost estimated from selected or potential vendors for each proposed expenditure exceeding \$25,000 (5.2.6)**

School Bus Replacement Projects

Bus Style	Diesel	Propane	Gasoline	Electric
Type A	\$60-85,000	\$60-95,000	\$55-77,000	\$225-260,000
Type B	NA	NA	NA	NA
Type C	\$90-125,000	\$105-142,000	\$85-123,000	\$325-355,000
Type D	\$105-170,000	NA	NA	\$365-400,000

School bus vendors in the state of Arizona were polled for prospective costs to purchase new school buses by fuel type and bus type. School buses are classified by type that reflects passenger capacity and body style

	<p><b>TYPE A:</b> A Type "A" school bus is a van conversion or bus constructed utilizing a cutaway front section vehicle with a left-side driver's door. This definition includes two classifications: Type A-I, with a Gross Vehicle Weight Rating (GVWR) less than or equal to 14,500 pounds; and Type A II, with a GVWR greater than 14,500 pounds and less than or equal to 21,500 pounds.</p>
	<p><b>TYPE B:</b> A "type B school bus" is a conversion or body constructed and installed upon a van or front-section vehicle chassis, or stripped chassis, with a gross vehicle weight rating of more than 10,000 pounds, designed for carrying more than ten persons. Part of the engine is beneath or behind the windshield and beside the driver's seat. The entrance door is behind the front wheels.</p>
	<p><b>TYPE C:</b> A Type "C" school bus is constructed utilizing a chassis with a hood and front fender assembly. The entrance door is behind the front wheels. A "type C school bus" also includes a cutaway truck chassis or truck chassis with cab, with or without a left side door, and with a GVWR greater than 21,500 pounds.</p>
	<p><b>TYPE D:</b> A "type D school bus" is a body installed upon a chassis, with the engine mounted in the front, midship or rear, with a gross vehicle weight rating of more than 10,000, designed for carrying more than ten persons. The engine may be behind the windshield and beside the driver's seat; it may be at the rear of the bus, behind the rear wheels, or midship between the front and rear axles. The entrance door is ahead of the front wheels. A type D school bus has a maximum length of 45 feet.</p>