

VW Mitigation Plan Project Proposals Received as of December 6, 2017

Date Received	Name and Affiliation	Requested Eligible Mitigation Action Category	Primary Comment/Project Submission Summary	Comment / Proposed Projects
3/24/2017	<p>Josh Kinard</p> <p>Harlow Bus Sales & Service, Inc.</p> <p>Bismarck, ND</p>	<p>-Class 4-8 School Buses Shuttle Buses or Transit Buses</p>	<p><u>Comment:</u></p> <ul style="list-style-type: none"> • Encourages Idaho’s BMP inclusion of school bus renewal/replacement. • Notes eligibility of 100% reimbursement for State-owned bus purchases. • Counsels resistance to the sales - pitch of unproven and expensive electric vehicles. 	<p>Please see Harlow Bus Sales letter to DEQ here, and DEQ’s response letter here.</p>
5/1/2017	<p>David Meredith Assist. Director, Services</p> <p>Boise State University</p> <p>Boise, ID</p>	<p>-Class 4-8 School Buses Shuttle Buses or Transit Buses</p>	<p><u>Project:</u></p> <ul style="list-style-type: none"> • Replace 5 BSU diesel shuttle buses with compressed natural gas shuttle buses. • Each vehicle over 75,000 miles • Approximate Cost: \$500K 	<p>Boise State University currently owns 5 Ford E-450 diesel powered shuttles, all pre 2008 models, used to transport students, faculty, staff and general public around Boise State University campus and to/from downtown Boise. These 5 shuttles are diesel powered using engines of the older diesel technology. Each shuttle currently has over 75,000 miles on them, which require more maintenance, produces more pollutants and requires freeway driving once per week to “blow” them out.</p> <p>By utilizing the VW settlement funds, Boise State University would replace these 5 shuttles with new CNG units to reduce carbon emissions within the Boise City area. Boise State University does not currently have the funding available to replace these units and certainly would appreciate any funding that could be utilized from the VW settlement.</p>

VW Mitigation Plan Project Proposals Received as of December 6, 2017

Date Received	Name and Affiliation	Requested Eligible Mitigation Action Category	Primary Comment/Project Submission Summary	Comment / Proposed Projects
5/9/2017	<p>Sherrie Merrow</p> <p>Natural Gas Vehicles for America (NGVAmerica)</p> <p>Washington, DC</p>	- All eligible categories.	<p><u>Comment:</u></p> <ul style="list-style-type: none"> • Natural gas vehicles: most NOx reductions for the lowest cost. • NGVs should have a strong role in the Idaho BMP. 	<p>Dear Administrator Floyd:</p> <p>Natural Gas Vehicles for America (NGVAmerica) is pleased to submit comments to the State of Idaho for consideration as the State prepares its VW Beneficiary Mitigation Plan to use funds from the Volkswagen Partial Consent Decree. These comments have been sent in an email to you today (titled NGVAmerica VW Comment Letter for the State of Idaho).</p> <p>As the national trade association for natural gas vehicles NGVAmerica knows that natural gas vehicles play an unmatched role among alternative fuel vehicles in delivering the most NOx reductions for the lowest cost and therefore should have a strong role in the Idaho plan. Please contact me with any questions or if you would like to meet in person to discuss our comments.</p> <p>Thank you,</p> <p>Sherrie Merrow NGVAmerica smorrow@ngvamerica.org</p> <p>Please see additional NGV American information here.</p>
5/10/2017	<p>Debbie Maxwell Assist. Director</p> <p>Treasure Valley Transit</p> <p>Nampa, ID</p>	-Class 4-8 School Buses Shuttle Buses or Transit Buses	<p><u>Project:</u></p> <ul style="list-style-type: none"> • Replace 14 diesel transit buses • Buses support: <ul style="list-style-type: none"> ○ Mountain Home:11,441 riders ○ SW Idaho/SE Oregon: 18,815 riders ○ McCall/Lake Fork /Cascade: 48,908 riders • East Central Idaho (New Meadows-Emmet / Payette-Homedale-Grandview and Kuna). Seniors/Disabled Transport: 35,973 riders <ul style="list-style-type: none"> ○ Medicaid Transport, state-wide: 45,626 riders: 	<p>Replace the following diesel cutaway transit buses.</p> <ul style="list-style-type: none"> • 3 GMC and Chevy Year 2004 • 3 Chevy 2008 • 8 Chevy 2010 <p>Approximately \$100 000 for each bus for a total of \$1,400,000.</p> <p>Please see TVT support information here.</p>

VW Mitigation Plan Project Proposals Received as of December 6, 2017

Date Received	Name and Affiliation	Requested Eligible Mitigation Action Category	Primary Comment/Project Submission Summary	Comment / Proposed Projects
5/12/2017	Katherine Wurtz KEW Grant Solutions, LLC Knoxville, TN	- Locomotive Freight Switches	<p><u>Comment</u></p> <ul style="list-style-type: none"> • Strong interest on behalf of private sector operators in participating in locomotive replacement or re-power projects. • Locomotive replacements/repowers projects represent provides the greatest emissions reductions per dollar spent. 	Please see additional KEW Grant Solutions information here .
5/31/2017	Mike Saxton, Chief Commercial Officer Orange EV Riverside, MO	- Class 8 Local Freight Trucks / Port Drayage Trucks - Forklifts and Port Cargo Handling Equipment	<p><u>Comment</u></p> <ul style="list-style-type: none"> • Request that BMP not preclude electric yard trucks. • Orange EV T-Series Yard Truck is a ZEV • Yard trucks utilized in a wide range of goods movement operations (warehouses, manufacturing, rail intermodal yards – not just ports). • Can be on-road or off-road. • Requests that specific terminology be used in Idaho’s BMP to ensure inclusion of these types of vehicles. • Orange EV yard trucks reduce emissions, benefit disadvantaged communities, and are a proven technology. 	Please see additional Orange EV information here .

VW Mitigation Plan Project Proposals Received as of December 6, 2017

Date Received	Name and Affiliation	Requested Eligible Mitigation Action Category	Primary Comment/Project Submission Summary	Comment / Proposed Projects
5/15/2017	<p>Carlton Sapp Sales Manager</p> <p>Hugengineering</p> <p>Buford, GA</p>	<ul style="list-style-type: none"> -Class 8 Local Freight Trucks and Port Drayage Trucks -Class 4-8 School Buses Shuttle Buses or Transit Buses -Ferries/Tugs -Ocean Going Vessels Shorepower -Class 4-7 Local Freight Trucks -Airport Ground Support Equipment, Forklifts -Port Cargo Handling Equipment -DERA Option 	<p><u>Comment:</u></p> <ul style="list-style-type: none"> • Hug Engineering has several verified NOx reduction technologies on both mobile and stationary applications. • Application range include: marine ferries, barges, and other vessels; locomotive engines, generators, and other stationary sources. • Can retrofit or add NOx reduction equipment as alternative to vehicle replacement. • Retrofitting can be more cost effective than replacement. 	<p>Please see additional HUG Engineering information here.</p>
6/1/2017	<p>Frank Case, Transportation Supervisor</p> <p>Glenns Ferry School District No. 192</p> <p>Glens Ferry, ID</p>	<ul style="list-style-type: none"> -Class 4-8 School Buses Shuttle Buses or Transit Buses -Light Duty Zero Emission Vehicle Supply Equipment -Diesel Emission Reduction Act Option 	<p><u>Project:</u></p> <ul style="list-style-type: none"> • Purchase new CNG school bus. • Retrofit/convert seven diesel buses as CNG buses with CNG-Kits. • Repower 2003 CNG Bluebird • Replace vehicles to CNG Bi-Fuel. • Approximate Cost: \$425K 	<p>Buy retro cng kits for rest of the fleet! 7 buses at \$15000.00 ea. for a total of \$105 000.00</p> <p>Buy new cng school bus! Approx. \$160 000.00</p> <p>Repower our 2003 CNG Bluebird bus At \$85000.00</p> <p>Replace our vehicles to Cng bi-fuel \$75 000.00</p> <p>These are the proposed projects that i would like to get completed. Our funds are few as we are a small rural district! We are the first school district in the state of Idaho to run CNG! We run a bi-fuel van also. The van saves us a bunch of money and we will pursue this venture and have bi-fuel vehicles for school use! We already have the fueler we need to handle the above requests.</p>

VW Mitigation Plan Project Proposals Received as of December 6, 2017

Date Received	Name and Affiliation	Requested Eligible Mitigation Action Category	Primary Comment/Project Submission Summary	Comment / Proposed Projects
6/05/2017	<p>Chris Hopper Assist. District Engineer</p> <p>Canyon Highway District No. 4</p> <p>Caldwell, ID</p>	<p>-Class 8 Local Freight Trucks and Port Drayage Trucks</p>	<p><u>Project:</u></p> <ul style="list-style-type: none"> • Replace four aging highway maintenance vehicle which are 20-30 years old. • Project would achieve community benefits such cost savings associated with reduced fuel consumption as well as emission reductions. • Approximate Cost: \$550K 	<p>Canyon Highway District (CHD4) is proposing replacement of existing highway maintenance vehicle(s) under this program to remove aged (20-30 yr old) equipment from the fleet and improve overall fleet emissions. Vehicles Listed in Priority Order:</p> <ol style="list-style-type: none"> 1. 1997 Mack CL713 Equipment Transport (Tractor & Chassis) Serial No. 1M2AD09COVW005253 Replacement Cost \$180 000 2. 1986 Autocar Belly Sander (Engine & 10-wheel Chassis) Serial No. 1WAMCCUF9GN106202 w/ Detroit Diesel engine Replacement Cost \$125 000 3. 1989 Freightliner Belly Sander (Engine & 10-wheel Chassis) Serial No. SH1FVX1RYBKH408379 w/ CAT engine Replacement Cost \$125 000 4. 1995 Ford LN8000 Patch Truck (Engine & 10-wheel Chassis) Serial No. SN1FDXR2E4SVA08602 w/ CAT engine Replacement Cost \$125 000 <p>Economic and community impacts include fuel savings for local public highway agency and reduced local emissions with improved diesel engine technology. All vehicles proposed for replacement are at least 20 years old and are used daily at various times of the year except #4 which is used approximately 2 days/week year round. Thank you and please feel free to contact me for any additional information.</p>
6/7/2017	<p>Gary Kunz</p> <p>Northwest Plug It In</p> <p>Boise, ID</p>	<p>-Class 4-8 School Buses Shuttle Buses or Transit Buses</p>	<p><u>Comment:</u></p> <ul style="list-style-type: none"> • Communicating preference that school buses be “converted” to Plug-In Hybrid Electric Vehicles (PHEVs) or Battery Electric Vehicles (BEVs). 	<p>Conversion of school buses would be my first choice. Not only would it clean up dirty vehicles but it would also introduce a younger generation to eves which would have long term positive impact.</p>
6/26/2017	<p>Jon Vanbogart, Sales Consultant</p> <p>ICOM/First Priority</p> <p>Pebble Beach, CA</p>	<p>-Class 4-8 School Buses Shuttle Buses or Transit Buses</p> <p>-Class 4-7 Local Freight Trucks</p> <p>-Airport Ground Support Equipment</p> <p>-Diesel Emission Reduction Act Option</p>		<p>No comment or project proposal information received.</p>

VW Mitigation Plan Project Proposals Received as of December 6, 2017

Date Received	Name and Affiliation	Requested Eligible Mitigation Action Category	Primary Comment/Project Submission Summary	Comment / Proposed Projects
6/27/2017	Rhonda Jalbert, Development Director Valley Regional Transit (VRT) Meridian, ID	-Class 4-8 School Buses Shuttle Buses or Transit Buses, Diesel Emission Reduction Act Option	<p><u>Project:</u></p> <ul style="list-style-type: none"> • Replace twelve diesel vehicles used for public transportation. • Transportation services provided to seniors and the disabled. • Total estimated cost: \$1.6 million. 	<p>VRT has a total of 12 diesel vehicles. The vehicles are used for public transportation.</p> <p>Year - Make - Est. cost - Qty - total cost</p> <p>Support Vehicles 1993- Bluebird - \$80 000 - Qty 1 = \$80 000</p> <p>2002 - Ford E550 - \$65 000-Qty 1 = \$65 000</p> <p>Demand Response Vehicles 2008- Ford E-350-\$145 000 - Qty 2= \$290 000</p> <p>1999- Ford E-450-\$145 000 - Qty 2= \$290 000</p> <p>Mobility Vehicles 2008- Ford E-450-\$145 000-Qty 3= \$435 000</p> <p>2003 Ford E-450-\$145 000-Qty 2= \$290 000</p> <p>2002 - Freightliner - \$145 000-Qty 1= \$145 000</p> <p>Total replacement cost - \$1 595 000</p> <p>Demand Response and Mobility Services provide service to seniors and persons with disabilities. This is a vital service for these individuals. For additional questions feel free to contact us.</p>

VW Mitigation Plan Project Proposals Received as of December 6, 2017

Date Received	Name and Affiliation	Requested Eligible Mitigation Action Category	Primary Comment/Project Submission Summary	Comment / Proposed Projects
6/29/2017	<p>Rachel Klein, Business Development Manager</p> <p>Republic Services of Idaho</p> <p>Boise, ID</p>	<ul style="list-style-type: none"> -Class 8 Local Freight Trucks and Port Drayage Trucks -Class 4-8 School Buses Shuttle Buses or Transit Buses -Ocean Going Vessels Shorepower -Class 4-7 Local Freight Trucks -Airport Ground Support Equipment, Forklifts -Port Cargo Handling Equipment -Light Duty Zero Emission Vehicle Supply Equipment 		<p>Republic Services, a solid waste company serving Idaho commercial and residential customers in Ada, Boise, Canyon, Elmore and Gem Counties, proposes natural gas refuse and recycling trucks be included in the list of acceptable Volkswagen Mitigation Plan proposals.</p> <p>We currently have several 10+ year old diesel trash trucks in our fleet we would like to retire and replace with 2018 Peterbilt CNG automated side load trash trucks with Cummins 9L ISLG engines. Each unit is approximately \$300K.</p> <p>The community impact realized would be in improved Treasure Valley air quality. Republic Services' routes run from Ada County east to Idaho City and Glenn's Ferry, southwest to the Mountain Home Air Force Base and Owyhee Mountain Range, and west through Canyon County and up to the Payette County line. Our fleet currently consists of 130 front-line trucks, 112 of which are CNG. The remaining 18 are diesel. Our trucks operate an average of 10-12 hours per day (Monday - Friday) and 5-8 hours on Saturdays, 52 weeks per year. Each diesel engine replaced by a CNG would save roughly 60 diesel engine hours per week, year-round (3,120 annual diesel engine hours). Republic retains fleet trucks for the full depreciation schedule of 10 years (and often longer), so it is reasonable to expect every new CNG ASL replacement truck to displace at least 31,200 diesel emission hours during the useful life of the truck.</p>
7/05/2017	<p>Todd Eggers, Owner</p> <p>Eggers Transportation</p> <p>Meridian, ID</p>	<ul style="list-style-type: none"> -Class 4-8 School Buses Shuttle Buses or Transit Buses 	<p><u>Project:</u></p> <ul style="list-style-type: none"> • Replace 5 fourteen-passenger transit buses used to transport the elderly, disabled, and Veterans. • Total estimated project cost: BSU estimate: \$350,000; DEQ estimate: \$500K 	<p>Transportation for elderly disabled and Veterans for the Treasure Valley. 5 14 passenger 2 wheel chair tie down Ford Transit Buses 2017 priced out at \$70 000.00 a piece with CNG system installed. 1 40 passenger Ford F550 that can carry up to 16 wheel chairs at a time.</p> <p>To help passengers get from the smaller communities that other bus systems that don't service. Using CNG fuel helps with clean air and is cheaper than other fuels so the price of transportation can be lower.</p>

VW Mitigation Plan Project Proposals Received as of December 6, 2017

Date Received	Name and Affiliation	Requested Eligible Mitigation Action Category	Primary Comment/Project Submission Summary	Comment / Proposed Projects
7/10/2017	Beth Baird Treasure Valley Clean Cities Coalition Boise, ID	-All Categories	<p><u>Comment</u></p> <ul style="list-style-type: none"> • Consider all NOx projects. • Focus on school/shuttle buses. • Utilize DERP with Alt Fuel for efficient expenditures • Utilize eligible 15% for Light Duty Zero Emission Vehicle Supply Equipment (App D-2, Elig. Mit. Action #9) 	<p>All project types that affect NOx reductions should be considered. Particularly school buses and shuttle bus replacements will good strategies to pursue.</p> <p>If used with alternative fuel options the Diesel Emissions Reduction Act option can help leverage the funds and assist in the completion of a greater number of projects.</p> <p>The 15% of the funds that can be allocated to EV infrastructure should be utilized to establish EV charging along EV corridors designated by FHWA and perhaps some State Highways.</p>
7/11/2017	Amy Brink, Vice President, State Gov't Affairs Auto Alliance Washington, DC	-Light Duty Zero Emission Vehicle Supply Equipment	<p><u>Comment</u></p> <ul style="list-style-type: none"> • Recommendation that Idaho apply to become designated beneficiary under VW Mitigation Trust Fund. • Recommendation that Idaho elect to allocate 15% of Idaho's eligible funding for Light Duty Zero Emission Vehicle Supply Equipment (App D-2, Eligible. Mitigation. Action #9) • The development of public EV charging infrastructure is crucial to the advancement of the EV market within Idaho. 	<p>Please see Auto Alliance letter to the IDEQ here.</p>
7/14/2017	Edward May, CFO Blue Gas Marine Chapel Hill, NC	-Ferries / Tugs	<p><u>Comment:</u></p> <ul style="list-style-type: none"> • Request that all marine engines be considered, not just ferries and tugs. • Promoting the installation of CNG engines to replace diesel engines. 	<p>All CNG marine engines, not just ferries and tugs, should be eligible to receive funds under the settlement. Marine engine burn more than 10x as much fuel per mile as on road, and marine diesel engines are far more polluting than on road. Installing CNG engines and on water refueling stations will have a disproportionate benefit to emissions in the state.</p>

VW Mitigation Plan Project Proposals Received as of December 6, 2017

Date Received	Name and Affiliation	Requested Eligible Mitigation Action Category	Primary Comment/Project Submission Summary	Comment / Proposed Projects
7/14/2017	Avery Arzu, Contractor EV Connect El Segundo, CA	-Class 8 Local Freight Trucks and Port Drayage Trucks -Light Duty Zero Emission Vehicle Supply Equipment -Diesel Emission Reduction Act Option	<u>Comment:</u> • Promotional material for EV Connect and EV Connect Charge Cloud services.	Use allocated funds toward EV charging Infrastructure. EV Connect The EV Connect Charge Cloud™ enables intelligent EV charging station management. Just as an organization runs more efficiently with better management, charging stations deliver and retain more value when they are well managed. EV Connect works to solve these problems. Please see additional EV Connect information here .
7/26/2017	Kevin Seamons, Transportation Supervisor Preston School District Preston, ID	-Class 4-8 School Buses Shuttle Buses or Transit Buses, Diesel Emission Reduction Act Option	<u>Project:</u> • School bus replacement project. • Approximate cost: \$100K	We have a 2003 Blue Bird All-American pre-emission bus to use with this program. We run this bus 4 days/week during the school year. We would appreciate your consideration, thanks Preston School District.
7/28/2017	Matthew Moore, Transportation Legislation Policy Specialist Idaho Transportation Department Boise, ID	-N/a	<u>Comment:</u> • Provided Idaho Alternative Fuels Corridors document to be shared with stakeholders.	Please find “Idaho Alternative Fuels Corridors” attached here .
7/31/2017	Patti Best, Program Specialist Idaho Power Boise, ID	-Light Duty Zero Emission Vehicle Supply Equipment	<u>Project:</u> • Utilize the entirety of VW settlement funds, as provided in eligible mitigation action #9 in Appendix D-2 of the Partial Consent Decree. • Utilize 15% of Trust Fund allocations toward light duty zero emission vehicle supply equipment.	Proposal: Use the full 15% of the total VW settlement funds allocated for Electric Vehicle Supply Equipment (EVSE) to develop the EV fast charging network. This would cover about 20 to 30 sites throughout the state depending on ability to leverage other funding sources. Goal: Install a network of electric vehicle (EV) fast charging stations to facilitate the adoption of plug-in electric vehicles. Please find the complete Idaho Power proposal here .

VW Mitigation Plan Project Proposals Received as of December 6, 2017

Date Received	Name and Affiliation	Requested Eligible Mitigation Action Category	Primary Comment/Project Submission Summary	Comment / Proposed Projects
8/02/2017	Mike Saxton, Chief Commercial Officer Orange EV Riverside, MO	-Class 8 Local Freight Trucks / Port Drayage Trucks -Forklifts and Port Cargo Handling Equipment	<u>Comment</u> <ul style="list-style-type: none"> • Orange EV Diesel Yard Trucks are ZEVs, eligible under VW Settlement Categories 1 and 8. • Use of the word “port” may cause states to preclude projects if ‘port’ is interpreted as “seaport”. • Replacing older diesel vehicles with 100% electric vehicles can reduce annual NOx emissions by an estimated 1.7 tons. 	Please see additional Orange EV information here .
8/05/2017	Christina Medley Doctoral Student / Concerned Citizen Boise, ID	-DERA Option	<u>Comment</u> <ul style="list-style-type: none"> • Supports requiring inbound freight trucks to adhere to emissions testing. • Diesel burns 15% dirtier than gasoline engines. 	Reducing emissions in diesel vehicles is a sound idea to preserve our air quality even more than imposing emissions testings is rural areas. By requiring inbound freight trucks to adhere to this guideline as well, all of Idaho can benefit from this state-wide sanction. I applaud the support of reducing emissions, and am happy to have my vehicles tested in Ada county. I believe this testing can make an impact conducive to the ideology that the VW settlement/ clean air act violation represents. It makes sense to support an Air Quality issue, and diesel burns 15% dirtier than a regular gallon of gas!

VW Mitigation Plan Project Proposals Received as of December 6, 2017

Date Received	Name and Affiliation	Requested Eligible Mitigation Action Category	Primary Comment/Project Submission Summary	Comment / Proposed Projects
8/25/2017	<p>Eric J. McCarthy, SVP, Government Relations, Public Policy and Legal Affairs</p> <p>Proterra, Inc. Greenville, SC</p>	<p>-Class 8 Local School Buses, Shuttle Buses, or Transit Buses</p>	<p><u>Project</u></p> <ul style="list-style-type: none"> • Replace Class 8, diesel heavy-duty transit buses at one or more transit agencies with 10 Proterra E2 battery-electric buses • Installation of ten (10) 62.5 kWh depot chargers that can be combined to charge a Catalyst E2 440 kWh bus from 0% to 100% State of Charge (SOC) in four (4) hours. • Project Cost: \$8,120,000, includes: Proterra Bus (\$7,490,000), Depot Chargers (\$500,000), and dedicated, Proterra Project Manager (fully burdened-\$130,000) <p><u>Comment</u></p> <ul style="list-style-type: none"> • Recommends Idaho direct an additional 47% of VW Settlement funds (\$8,154,047) to incentivize the deployment of zero emission, battery electric buses and medium duty vehicles. • Propose that Idaho adopt a competitive funding program similar to the California Zero-Emission Truck and Bus Program • Proposes Idaho adopt the California Hybrid & Zero Emission Truck and Bus Voucher Incentive Program (HVIP). 	<p>Please see additional Proterra Proposed Project information here.</p>

VW Mitigation Plan Project Proposals Received as of December 6, 2017

Date Received	Name and Affiliation	Requested Eligible Mitigation Action Category	Primary Comment/Project Submission Summary	Comment / Proposed Projects
8/28/2017	Spencer Barzee, Superintendent West Side School District Dayton, ID	-Class 4-8 School Buses, Shuttle Buses, or Transit Buses	<u>Project</u> <ul style="list-style-type: none"> • School bus replacement • Approximate cost is \$230K to replace two buses. 	Looking to replace 2-4 older model busses with up to date emission standards. The approximate cost of the bus in around \$115,000 each
9/18/2017	Russell Newbold, Transportation Manager Community Council of Idaho Migrant and Seasonal Head Start Caldwell, ID	-Class 4-8 School Buses, Shuttle Buses, or Transit Buses	<u>Project</u> <ul style="list-style-type: none"> • Community Council of Idaho serves 797 pre-school aged children across 10 schools across the State of Idaho. • Requests consideration to replace 10-15 Type A and Type C school buses with 10-15 2018 Type A school buses. • Cost is \$60,000/bus with a total cost ranging from \$600,000 - \$900,000. 	Please see additional Community Council of Idaho Proposed Project information here .
9/19/2017	Tony Dechand, Transportation Director Kellogg Joint Scholl District #391 Kellogg, ID	-Class 4-8 School Buses, Shuttle Buses, or Transit Buses	<u>Project</u> <ul style="list-style-type: none"> • School bus replacement • Cost is approximately \$85K/bus. 	Kellogg School dist. Would like to do a bus replacement; to replace non-compliant diesel emission school buses. Would like to replace as many older buses as possible; I currently have eight buses that would meet the criteria for emission replacement. Buses run in the \$85,000 range.

VW Mitigation Plan Project Proposals Received as of December 6, 2017

Date Received	Name and Affiliation	Requested Eligible Mitigation Action Category	Primary Comment/Project Submission Summary	Comment / Proposed Projects
9/21/2017	Casey Mattoon, Conservation Program Manager & Edwina Allen, Chair Idaho Chapter Sierra Club Boise, ID	-Class 4-8 School Buses, Shuttle Buses, or Transit Buses -Light Duty Zero Emission Vehicle Supply Equipment	<p><u>Comment</u></p> <ul style="list-style-type: none"> • Utilize 15% of Trust Fund allocations toward light duty zero emission vehicle supply equipment. • Utilize the remaining 85% of the total on electrification of public school buses, shuttles and public transit. • Recommend not funding diesel and/or alternative fueled (CNG, propane, or hybrid) vehicle upgrades. 	<p>We recommend DEQ allocate 15% of the total to building out statewide DC Fast charging infrastructure. Encouraging adoption of light duty EVs will provide additional NOx reductions. Building a statewide infrastructure for fast charging is a necessary to encourage widespread EV adoption. DEQ should coordinate with the Idaho DOT, electric utilities, and potential charging infrastructure hosts to avoid duplication and strategically plan investments that facilitate statewide electric vehicle transportation. Efforts should be guided by the work already completed by Idaho Power and partners that lays out tiered priorities for initial investments in a statewide DC fast charging network.</p> <p>We recommend the State Beneficiary Plan focus the remaining 85% of the total on electrification of public school buses, shuttles and public transit. Diesel school buses are a leading source of NOx emissions, and this is particularly true in Idaho. They tend to operate in areas with the worst air quality generally, and locally increase emission exposure to children -- one of the most vulnerable populations for air pollution. School buses are also prominent vehicles, so labeling them as electric creates a rolling billboard to promote the market for EV generally. Market proven zero emission buses can lock in annual savings on fuel and maintenance to bring measurable economic and environmental benefits to the communities they service.</p> <p>We advocate against funds allocated towards Diesel and/or Alternative Fueled (e.g. CNG, propane, Hybrid) vehicle upgrades. Although these options are available for partial funding, electric vehicle upgrades for government vehicles are fully funded through the settlement and provide greater NOx reductions. Focusing on electrification allows the Department of Environmental Quality to cover 100% of the cost and increase the likelihood that Idaho will realize sustained NOx emission reductions. Further, focusing on electric vehicles reduces Idaho's reliance on out of state fuels, increasing our energy independence and strengthening our local energy economy.</p> <p>Please find additional Sierra Club's recommendations here, and here.</p>

VW Mitigation Plan Project Proposals Received as of December 6, 2017

Date Received	Name and Affiliation	Requested Eligible Mitigation Action Category	Primary Comment/Project Submission Summary	Comment / Proposed Projects
9/24/2017	Citizen Submission Eagle, Idaho	-N/a	<u>Comment</u> <ul style="list-style-type: none"> Recommendation to utilize 100% of VW settlement funding on statewide transportation electrification. 	RE: the VW Settlement Funds. Please set aside 100% of the funds to use towards the electrification of transportation across the state. Please use 15% of the allocation for infrastructure for DC fast charging stations on ID highways and the rest spent on electric vehicles including buses and light-duty fleet vehicles.
9/25/2017	Dean Stapleton, Senior Manager, Alternative Fuels Penske Truck Leasing Reading, PA	<ul style="list-style-type: none"> -Class 8 Local Freight Trucks and Port Drayage Trucks -Class 4-8 School Buses, Shuttle Buses, or Transit Buses -Class 4-7 Local Freight Trucks 	<u>Comment</u> <ul style="list-style-type: none"> Recommend treating vehicle leasing like any other financing mechanism for fleet managers. Create priority lists with regard to project submissions, as opposed to a waiting list. Recommend considering alternatives to scrapping replaced vehicles. 	Please see additional Penske Trucking information here .
10/02/2017	Richard A Rusnak Jr., RDSC Nampa, ID	-Class 4-8 School Buses, Shuttle Buses, or Transit Buses	<u>Comment</u> <ul style="list-style-type: none"> Recommend DEQ allocate 15% of VW funds toward statewide DC fast charging infrastructure. Recommends that the remaining 85% of funds go toward electrifying public school buses and public transit. Recommends against continuing, "the status quo transportation using diesel and I advocate against using these funds toward Diesel and/or other non-EV vehicle upgrades." 	Please find Mr. Rusnak Jr.'s full recommendation here .

VW Mitigation Plan Project Proposals Received as of December 6, 2017

Date Received	Name and Affiliation	Requested Eligible Mitigation Action Category	Primary Comment/Project Submission Summary	Comment / Proposed Projects
10/3/2017	<p>Mark Austin, Transportation Supervisor</p> <p>Salmon School District, #291</p> <p>Salmon, ID</p>	<p>1) Class 4-8 School Buses, Shuttle Buses, or Transit Buses</p>	<p><u>Project</u></p> <ul style="list-style-type: none"> • Replace three school buses at an approximate cost of \$360K • Notes that with the school districts limited funds, requests 100%funding. 	<p>Project to upgrade our school bus fleet in the coming years. This fleet upgrade will help reduce the local emissions and improve the air quality for the safety of our children. Replacement vehicles listed in replacement order.</p> <ul style="list-style-type: none"> • 2000 Bluebird FE 78 pass transit diesel / replacement approx. \$120,000 • 2004 Thomas conventional special needs bus diesel / approx. 120,000 • 2001 Bluebird FE 78 pass transit diesel / approx. \$120,000 <p>Salmon is a small rural district with few and limited funds, 100% help on this project would be greatly appreciated by our community. Please consider this request</p>

VW Mitigation Plan Project Proposals Received as of December 6, 2017

Date Received	Name and Affiliation	Requested Eligible Mitigation Action Category	Primary Comment/Project Submission Summary	Comment / Proposed Projects
10/3/2017	Patti Best, Program Specialist Idaho Power Boise, ID	-Forklifts and Port Cargo Handling Equipment	<p><u>Project</u></p> <ul style="list-style-type: none"> • Use a portion of the VW Settlement money to provide incentives to businesses and agriculture to replace fossil fueled small utility vehicles. • Project would have Idaho Power administer an incentive program to distribute from an established customer base. <p>Total funds requested: \$750,000</p>	<p><u>Goal:</u> Reduce emissions from small utility vehicles, including forklifts, through the replacement of fossil fueled small utility vehicles with electric alternatives.</p> <p><u>Proposal:</u> Use a portion of VW settlement money to offer an incentive to businesses and agricultural operations to replace their existing fossil fueled small utility vehicles or expand their fleet with electric alternatives.</p> <p><u>Background:</u> Small utility vehicles and off road equipment is used by a variety of industries and businesses for moving equipment, merchandise or used for facility wide transport. These vehicles are traditionally fueled with fossil fuels and emit air pollutants including CO, CO2, NOX and PM (depending on fuel type.) Electrification to zero-emission alternatives can improve air quality both inside and out. In addition to the air quality benefits, electrification can reduce worker exposure to air pollutants, and may save money on fuel costs and insurance rates and reduce a business’s environmental liability from vehicle spills (oils and other fluids) as electric equipment does not use oils/transmission types of fluids.</p> <p>Electric versions of these equipment types are readily available. Beside forklifts, electric golf carts and electric utility vehicles are commercially available. Colleges, cities, and campus type environments are using these types of vehicles to replace pickup trucks for maintenance crews.</p> <p>Please see full Idaho Power project information here.</p>
10/08/2017	Frank Podgwaite MedicAire, LLC North Haven CT	-N/a	<p><u>Comment:</u></p> <ul style="list-style-type: none"> • Introduction to MedicAire LLC’s product, Medidock, a kiosk allowing medical facilities to keep emergency vehicles ready for immediate deployment without using fossil fuels. • Recommendation to earmark VW funding for the Medidock in the final Beneficiary Mitigation Plan. 	<p>Use of Volkswagen settlement funds for Medidocks to advance Ambulance/Emergency Vehicle Idle Reduction:</p> <p>Idling of ambulances is a significant contributor to air pollution, particularly as the majority of the idling occurs adjacent to healthcare facilities with their sensitive populations exposed. Reducing this idling provides a direct air quality improvement. Problematic to not idling the ambulance is the fact that interior temperatures and medical equipment must be maintained in a state of readiness, requiring power. My firm’s product, the Medidock, provides a real solution to this problem by allowing an ambulance to remain ‘mission-ready’ without idling.</p> <p>Please find additional MedicAire’s product information here.</p>

VW Mitigation Plan Project Proposals Received as of December 6, 2017

Date Received	Name and Affiliation	Requested Eligible Mitigation Action Category	Primary Comment/Project Submission Summary	Comment / Proposed Projects
11/09/2017	<p>Mary Ann Nielsen, Transportation Director Madison School District Rexburg, ID</p>	<p>-Class 4-8 School Buses, Shuttle Buses, or Transit Buses</p>	<p><u>Projects</u></p> <ul style="list-style-type: none"> • School bus replacement. • Approximate cost: between \$75K - \$300K. 	<p>Mary Ann Nielsen Transportation Supervisor Madison School District 60 West Main Rexburg, ID 83440 208-359-3265 nielsenm@msd321.com</p> <p>The Madison School District has a fleet of 55 school buses. Our buses run on a 175-day school year. With an average of 45 miles/day/bus. 12 of those buses were manufactured before 1998, Five of those being 1994 an older. 21 others manufactured before 2006. The transportation department would like to replace some of the older non-compliant diesel emission school buses with newer diesel or alternate propane fueled vehicles. To replace one bus is approximately \$100,000. The school board has approved the purchase of 3 new buses this year. With any help form this program the school district's transportation fleet could move forward with the cleaner technology engines to reduce excess emissions in our community.</p> <p>Mary Ann Nielsen Transportation Director Madison School District 208-359-3265</p>

VW Mitigation Plan Project Proposals Received as of December 6, 2017

Date Received	Name and Affiliation	Requested Eligible Mitigation Action Category	Primary Comment/Project Submission Summary	Comment / Proposed Projects
11/14/2017	<p>Dr. Dave Treasure, Chair, Trade and Industrial Department</p> <p>Idaho State University, College of Technology</p> <p>Pocatello, Idaho</p>	-Freight Switchers	<p><u>Project</u></p> <ul style="list-style-type: none"> • One CAT C9.3 ACERT Industrial Power Unit, Tier 4, Stage IV Technology, 224-298 bkW/300-400 bhp@1800-2200 rpm Final pollution control after-treatment 375 HP, mounted radiator, mounted emissions module, skid mounted and DEF tank included @ \$51,000.00, school discount price. • One Cummins 2017 X15 CM2350 X116B Turnkey Training Module @ \$45,000.00 USD school discount price. • One Cummins 2017 L9 CM2350 L116B Turnkey Training Module@ \$40,000.00 USD school discount price. • Two Cummins CNG generators, 25 Kw, @ \$10,500.00 USD each school discount price. <p>Total amount for training equipment: \$157,000.00</p>	<p>ISU proposes that a portion of the VW settlement funding be used to purchase the equipment that enables the diesel technology/on-site power program to provide high quality, hands-on training for students. With supervised access to this equipment, students will experience servicing and maintaining engines that run on CNG or propane prior to entering the field. This enhancement of our program will enable it to meet the changing needs of public transportation, agriculture, mining, and construction industries.</p> <p>ISU needs to augment its inventory of training aides to provide current and valid training to our students that will address the replacement of vehicles powered with diesel to those fueled by CNG or propane. This includes new engines for CNG and propane training, and modern Tier 4 (specified in Clean Air Act of 2010) diesel powered engines.</p> <p>Please see additional ISU information here.</p>

VW Mitigation Plan Project Proposals Received as of December 6, 2017

Date Received	Name and Affiliation	Requested Eligible Mitigation Action Category	Primary Comment/Project Submission Summary	Comment / Proposed Projects
11/20/2017	<p>Mr. Bill Pastoor, Owner & President</p> <p>Westown's Disposal Inc.</p> <p>Homedale, ID</p>	<p>-Class 8 Local Freight Trucks and Port Drayage Trucks</p> <p>-Freight Switchers</p>	<p><u>Project</u></p> <ul style="list-style-type: none"> • Purchase new Front Loader: \$330K • Replace Backhoe: \$100K <p><u>Other Project Requests:</u></p> <ul style="list-style-type: none"> • Purchase front load containers: \$250K • Purchase three new 20-yard roll-off containers: \$12K • Purchase a set of drop scales: \$15K <p>Total funds requested: \$707K</p>	<p>Hello, my name is Bill Pastoor and I am the owner and President of Westown's Disposal Inc. Westown's Disposal is a small waste hauler in West Canyon and Owyhee Counties.</p> <p>Mailing address: Westown's Disposal Inc. P. O. Box 754 Homedale, Idaho 83628 Phone: 208-337-4359 Email: westownsdisposal@frontiernet.net</p> <p>It was brought to our attention that there may be funds available from the Volkswagen settlement in the near future.</p> <p>I believe based upon your review criteria that we qualify in two areas, class 8 motor vehicles, and freight switchers. Our trash collection vehicles are class 8 motor vehicles, and we are freight switchers due to the fact that we operate a transfer station, thereby moving freight from one vehicle to another.</p> <p>We are asking for a new front load vehicle at a cost of \$330,000.00. Also we need \$250,000.00 to purchase new front load containers. Some of our containers can be converted to front load, but not enough to fit our needs. We believe that we can potentially eliminate a rear load vehicle on the street by running a front load vehicle, resulting in energy savings.</p> <p>In the transfer station, we believe that if we place outside roll off containers, we can encourage the public to dump their waste here. Since it is 22 miles from our location to the landfill in Nampa, we would enable the public to save a substantial amount of money since they would do far less driving. So we are asking for \$100,000.00 to replace a backhoe, purchase 3 new 20 yard roll off containers at \$4000.00 apiece for the residents to dump into, and \$15,000.00 for a set of drop scales so that we are accurate in our dump charges. The total would be \$127,000.</p> <p>If additional information would be helpful, please feel free to contact me at any time.</p> <p>Thank you for your time and consideration.</p>

VW Mitigation Plan Project Proposals Received as of December 6, 2017

Date Received	Name and Affiliation	Requested Eligible Mitigation Action Category	Primary Comment/Project Submission Summary	Comment / Proposed Projects
12/5/2017	Tom Ferch, Transportation Funding Coordinator Ada County Highway District Garden City, ID	-Class 8 Local Freight Trucks and Port Drayage Trucks -Class 4-7 Local Freight Trucks -Light Duty Zero Emission Vehicle Supply Equipment	<p><u>Project:</u></p> <ul style="list-style-type: none"> • 2001 GMC Medium Duty Flatbed 4X2 Utility Truck - Model C8500 - Replacement cost is \$150,000 • 2002 IH Heavy Duty Water Truck - model 7500 - Replacement cost is \$180,000 • 2002 Volvo Heavy Duty TA Dump Truck - Model VHD64B - Replacement cost is \$195,000 • 2002 Volvo Heavy Duty TA Dump Truck - Model VHD64B - Replacement cost is \$195,000 	<p>Ada County Highway District submits the following VW Mitigation Plan project proposals:</p> <p>#1. The proposed project will replace 4 Ada County Highway District (ACHD) maintenance trucks that are regularly used by ACHD with cleaner operating trucks. The four vehicles are:</p> <p>#2. The proposed project would use VW settlement funds to purchase and install Electric Vehicle (EV) charging equipment for (ACHD) light-duty electric vehicles and/or use by the public at ACHD offices. Cost per EV charging unit would vary depending on purpose, with an estimated range of from \$10,000 to \$35,000 per unit.</p> <p>Please see additional Ada County Highway District information here.</p>

VW Mitigation Plan Project Proposals Received as of December 6, 2017

Date Received	Name and Affiliation	Requested Eligible Mitigation Action Category	Primary Comment/Project Submission Summary	Comment / Proposed Projects
12/6/2017	David Wallas, Teacher / Electric Vehicle Owner Boise, ID	- Light Duty Zero Emission Vehicle Supply Equipment - Diesel Emission Reduction Act Option	<u>Project / Comment:</u> Install light-duty quick-charging stations throughout Idaho.	David Wallas Teacher/Electric Vehicle Owner 9704 West Bridgegate Street Boise, ID 83709 (208) 869-5393 Bwana_dave@yahoo.com Your eligible mitigation action categories (one or more): Light Duty Zero Emission Vehicle Supply Equipment Diesel Emission Reduction Act Option Project Proposal Quick Charge Stations around Idaho: Fruitland exit, Weiser, Cambridge, Caldwell, Boise, Mountain Home, Glenn's Ferry, Jerome, Hailey, Burley, American Falls, Pocatello, Idaho Falls, Rexburg, Dubois/Spencer, Emmett, Horseshoe Bend,, Banks, Smith's Ferry, Cascade, McCall, New Meadows, Riggins, White Bird, Grangeville, Kooskia, Craigmont/Winchester, Lewiston, Moscow, Potlatch, Plummer, Coeur d'Alene, Athol, Sandpoint, Bonner's Ferry, Kellogg/Wardner, Saint Maries, Bovill/Clarkia, Fairfield, Ketchum, Stanley, Idaho City, Lowman, and Garden Valley. 44-50 Quick Chargers times 2 in each town (100 quick chargers and electric vehicles could travel almost anywhere in this State. Thanks, David Wallas

VW Beneficiary Mitigation Plan: Project Submissions / Comments
Additional Marketing Materials / Correspondence Received

- Harlow Bus Sales: <http://www.deq.idaho.gov/media/60180453/vw-harlow-bus-sales-letter-0317.pdf>
- Harlow Bus Sales (DEQ Response) <http://www.deq.idaho.gov/media/60180448/vw-settlement-harlow-bus-sales-deq-response.pdf>
- NGV America: <http://www.deq.idaho.gov/media/60180454/vw-settlement-ngvamerica-letter-0517.pdf>
- Treasure Valley Transit: <http://www.deq.idaho.gov/media/60180451/vw-settlement-treasure-valley-transit-project-support.pdf>
- Orange EV: <http://www.deq.idaho.gov/media/60180447/vw-settlement-orange-ew.pdf>
- KIW: <http://www.deq.idaho.gov/media/60180448/vw-settlement-kiw-supportive-marketing-material.pdf>
- Hug Engineering: <http://www.deq.idaho.gov/media/60180449/vw-settlement-hug-engineering-marketing-material.pdf>
- Auto Alliance: <http://www.deq.idaho.gov/media/60180486/vw-settlement-auto-alliance-0717.pdf>
- EV Connect: <http://www.deq.idaho.gov/media/60180449/vw-settlement-ev-connect.pdf>
- Idaho Alternative Fuels: <http://www.deq.idaho.gov/media/60180450/vw-settlement-idaho-alternative-fuels.pdf>
- Idaho Power: <http://www.deq.idaho.gov/media/60180469/vw-settlement-idaho-power-proposal.pdf>
- Orange EV: <http://www.deq.idaho.gov/media/60180739/orange-ev.pdf>
- Proterra: <http://www.deq.idaho.gov/media/60180738/proterra-idaho.pdf>
- Community Council of Idaho: <http://www.deq.idaho.gov/media/60180738/community-council-idaho.pdf>
- Idaho Chapter Sierra Club: <http://www.deq.idaho.gov/media/60180756/sierra-club2.pdf>
- Idaho Chapter Sierra Club: <http://www.deq.idaho.gov/media/60180739/sierra-club.pdf>
- Penske Truck Leasing: <http://www.deq.idaho.gov/media/60180737/penske.pdf>

- Richard A Rusnak Jr., RDCS: <http://www.deq.idaho.gov/media/60180962/vw-settlement-richard-rusnak.pdf>
- Idaho Power: <http://www.deq.idaho.gov/media/60180963/vw-settlement-idaho-power-small-utility-vehicle-incentive.pdf>
- MedicAire, LLC: <http://www.deq.idaho.gov/media/60180963/vw-settlement-medicare.pdf>
- Idaho State University, Trade and Industrial Department: <http://www.deq.idaho.gov/media/60180965/vw-settlement-isu.pdf>
- Ada County Highway District: <http://www.deq.idaho.gov/media/60180964/vw-settlement-achd.pdf>