

BRUNSWICK
1998
CLASS 7 (2) 2003
(2) 2004

DIESEL → GAS

9/27/18
dec.
LC.

Section 7: Application Scoring Matrix

Score Assigned	Attachment	Attachment Description
10	A	Mitigation Action Description: Related to Maine's Beneficiary Mitigation Plan
20 avg 94% NO GASOLINE CALCS?	B	NOx Emission Reduction: NOx emission reductions estimate using EPA's Diesel Emission Quantifier
10	C	Health Benefits: Maximized health benefits include: reductions in particulate matter and/or greenhouse gases; net reduction of diesel fuel use; or idle reduction strategies.
10	D	Action Location: Within an area with a disproportionate quantity of air pollution from diesel fleets, such as ports, rail yards, terminals, school depots/yards, and freight distribution areas.
0	E	Class 1 Areas: Benefits a designated federal Class 1 Area, specifically Acadia National Park, Roosevelt Campobello International Park, or the Moosehorn Wilderness Area located within the Moosehorn National Wildlife Refuge Area.
10 TOTAL MATCH REQ 490,000 - 98,000 = 392,000	F	Verified Funding: Match or leveraged funding for cost sharing secured. Budget provided.
10	G	Action Schedule: Action implemented within two years of the award date. Schedule provided.
10	H	Benefit Period: Sustained emission benefits over the ten-year Trust Effective Period. Maintenance plan provided.
10	I	Relevant Experience and Compliance Certification: Existing administration and programmatic structure in place to implement diesel emission reduction or offset actions.

Gates, Judy

From: Kelly Wentworth <kwentworth@brunswick.k12.me.us>
Sent: Friday, September 14, 2018 4:32 PM
To: Gates, Judy
Cc: Michelle Caron
Subject: VW Mitigation Settlement Grant Application
Attachments: BSD Maine-VW-D-2-application 09142018.pdf

Please find Brunswick School Department's grant application. A hard copy was put in the mail this afternoon.

Thank you

Kelly

Kelly M. Wentworth
Business Manager
Brunswick School Department
46 Federal Street
Brunswick, ME 04011
(207) 319-1900
kwentworth@brunswick.k12.me.us

Somewhere, deep inside, we all can fly.

This email is confidential correspondence from the Brunswick School Department and is intended only for the direct recipient(s). Please do not copy or forward this message. If you received this message in error, please reply with that information.



Maine Volkswagen Environmental Mitigation Action Round 1 Application for Appendix D-2 Eligible Actions

(For MaineDOT Use Only)

Date Application

Received

9/14/2018

Beneficiary's Project ID
23901.10

Funding Request #

13

- All applications for Round 1 funding are due by September 15, 2018.
- A fillable application template is available at www.maine.gov/mdot/vw/application
- Use the list of attachments in Section 3 to ensure that your application is complete.
- Funding approvals for action(s) may be whole or partial.
- A timeline for Maine's Round 1 application process can be found at www.maine.gov/mdot/vw/application.
- For information on Maine's Diesel Emission Reduction Act (DERA) Program, go to <http://www.maine.gov/dep/air/mobile/cleandiesel.htmls>.
- For information on Zero Emission Vehicle Supply Equipment (ZEVSE), go to www.efficiencymaine.com.
- Submit any questions through the website at www.maine.gov/mdot/vw/application/faqs.
- Information on the current base price for Maine school buses can be found at <http://www.maine.gov/doe/transportation/programs/buspurchase.html>

Section 1: General Information

Action Title: CLASS 4-8 SCHOOL BUS REPLACEMENT			
Action Location: Town/Territory: BRUNSWICK		County: CUMBERLAND	
Type of Action: Repower: <input type="checkbox"/> Replacement: <input checked="" type="checkbox"/>			
Action Proponent: BRUNSWICK SCHOOL DEPARTMENT			
Action Proponent Mailing Address: 46 FEDERAL STREET			
City: BRUNSWICK	State: ME	Zip: 04069	County: CUMBERLAND
Daytime Phone: (207)319-1900	Alternate Phone: (207) 319-1904		Email: kwentworth@brunswick.k12.me.us
Authorized Agent (if different from Action Proponent):			
Authorized Agent Mailing Address:			
City:	State:	Zip:	County:
Daytime Phone:	Alternate Phone:		Email:

Section 2: Eligibility Criteria

The following categories are **eligible mitigation actions** pursuant to Appendix D-2 of the Environmental Mitigation Trust Agreement (https://www.maine.gov/mdot/vw/app/Maine_VW_Eligible_Mitigation_Actions_1-8.pdf) and reflect basic eligibility criteria for consideration under this program. See Maine's Beneficiary Mitigation Plan (www.maine.gov/mdot/vw/BMP_final_2-12-18.pdf) for details on eligibility. Check all that apply. Leave checkboxes blank for actions that don't apply. List individual vehicles or equipment using the table on the following page.

Check all that apply	Eligible Mitigation Actions
<input type="checkbox"/>	1992-2009 engine model year Class 8 Local Freight Trucks and Port Drayage Trucks repowered with any new diesel or alternate fueled engine or all-electric engine, or replaced with any new diesel or alternate fueled or all-electric vehicle, with the engine model year in which the eligible large trucks mitigation action occurs or one engine model year prior.
<input checked="" type="checkbox"/>	2009 engine model year or older Class 4-8 school buses, shuttle buses, or transit buses repowered with any new diesel or alternate fueled or all-electric engine, or replaced with any new diesel or all-electric vehicle, with the engine model year in which the eligible bus mitigation action occurs or one engine model year prior.
<input type="checkbox"/>	Pre-Tier 4 freight switcher locomotives that operate 1000 or more hours per year repowered with any new diesel or alternate fueled or all-electric freight switcher certified to meet the applicable EPA emissions standards or other more stringent equivalent state standard.
<input type="checkbox"/>	Unregulated, Tier 1 or Tier 2 marine engines on ferries or tugs repowered with Tier 3, Tier 4, alternate fueled, or all-electric engine, or upgraded with an EPA certified remanufacture system or an EPA verified engine upgrade.
<input type="checkbox"/>	Marine shore power systems or components of such systems that enable a compatible vessel's main and auxiliary engines to remain off while the vessel is at berth. Components eligible for reimbursement are limited to: cables, cable management systems, shore power coupler systems, distribution control systems, and power distribution. Subject marine shore power systems comply with international shore power design standards (ISO/IEC/IEEE 80005-1-2012 high voltage shore connection systems or the IEC/PAS 80005-3:2014 low voltage shore connection systems) and are supplied with power sourced from the local utility grid.
<input type="checkbox"/>	1992-2009 engine model year Class 4-7 local freight trucks repowered with a new diesel, alternate fueled, or all-electric engine, or replaced with any new diesel, alternate fueled, or all-electric vehicle, with the engine model year in which the eligible medium trucks mitigation action occurs or one engine model year prior.
<input type="checkbox"/>	Tier 0, Tier 1, or Tier 2 diesel powered airport ground support equipment; and uncertified or certified to 3 g/bhp-hr or higher emissions spark ignition engine powered airport ground support equipment repowered with an all-electric engine, or replaced with the same airport ground support equipment in an all-electric form.
<input type="checkbox"/>	Forklifts with greater than 8000 pounds of lift capacity and port cargo handling equipment repowered with an all-electric engine, or replaced with the same equipment in an all-electric form.

Vehicles & equipment proposed for replacement or repower
under this Eligible Mitigation Action.
(Leave fields blank that do not apply)

Current Vehicle Class	Current Tier (if applicable)	Current Model	Current Model Year	Mileage	Current Fuel Type	Proposed Fuel Type	Associated equipment
7	1	ENGINE 2MBXH6.37DJA	1998	174798	DIESEL	GAS	HANDICAP 98.6% 555928.20
7	2	ENGINE 906.929-00-248224	2003	171335	DIESEL	GAS	SEAT BELT 354808.4% READY
7	2	ENGINE 3116	2003	153435	DIESEL	GAS	SEAT BELT 392570.5% READY
7	2	ENGINE 0906295225	2004	114066	DIESEL	GAS	SEAT BELT 363051.2% READY
7	2	ENGINE 0906330945	2004	125443	DIESEL	GAS	HANDICAP 92.7% 332941.15

Section 3: Action Overview and Instructions

The following information provides the reviewers with background on the proposed action and will be considered as part of final decisions on what actions are funded in any given year. If an attachment is not applicable to the proposed action, that action is not disqualified from funding; however, Action Proponents are encouraged to provide accurate and concise answers to as many questions as possible and note why an attachment is not relevant to their proposal.

Check if attached	Scoring (for MaineDOT use)	Attachment	Attachment Description
<input checked="" type="checkbox"/>		A	Mitigation Action Description: Attach a no more than two-page narrative describing the action and how it relates to Maine's Beneficiary Mitigation Plan and label as "Attachment A".
<input checked="" type="checkbox"/>		B	NOx Emission Reduction: Estimate the NOx emission reductions from the action in terms of dollar per ton of NOx using EPA's Diesel Emission Quantifier found at 49 or for heavy-duty vehicles: http://afleet-web.es.anl.gov/hdv-emissions-calculator/ . Attach a separate summary calculation worksheet generated by the Quantifier for <u>each</u> vehicle or piece of equipment and label as "Attachment B".
<input checked="" type="checkbox"/>		C	Health Benefits: Describe any health benefits <u>maximized</u> by the action <u>beyond</u> calculated NOx emission reductions as "Attachment C". Examples of maximized health benefits include: reductions in particulate matter and/or greenhouse gases; net reduction of diesel fuel use; or idle reduction strategies.
<input checked="" type="checkbox"/>		D	Action Location: As "Attachment D", indicate whether the action will occur in an area with a disproportionate quantity of air pollution from diesel fleets, such as ports, rail yards, terminals, school depots/yards, and freight distribution areas.
<input checked="" type="checkbox"/>		E	Class 1 Areas: Using the maps found at https://www.maine.gov/dep/air/meteorology/class1 , note the location of the proposed action to indicate whether it will benefit a designated federal Class 1 Area, specifically Acadia National Park, Roosevelt Campobello International Park, or the Moosehorn Wilderness Area located within the Moosehorn National Wildlife Refuge Area. Include the map as "Attachment E".
<input checked="" type="checkbox"/>		F	Verified Funding: As "Attachment F", verify that the action has secured funding for cost sharing or leveraging by providing a commitment letter or signed agreement from a financial institution or budget committee for cost share or leveraged funding. Also, using the template in Section 4 of this application, include a general project budget indicating the amount of match to be provided by the Action Proponent.
<input checked="" type="checkbox"/>		G	Action Schedule: The action must be implemented within two years of the award date. Using the template provided in Section 4 of this application, provide schedule and major milestones, labeled as "Attachment G".
<input checked="" type="checkbox"/>		H	Benefit Period: The action must result in sustained emission benefits over the ten-year Trust Effective Period. Provide a concise description of how benefits will persist through 2027 and a maintenance plan for eligible vehicles/equipment funded under this program as "Attachment H".

Check if attached	Scoring (for MaineDOT use)	Attachment	Attachment Description
<input checked="" type="checkbox"/>		I	Relevant Experience and Compliance Certification: By signing provisions in "Attachment I", the Action Proponent and Authorized Agent (if applicable) verify that there is existing administration and programmatic structure in place to implement diesel emission reduction or offset actions.

ATTACHMENT A

MITIGATION ACTION DESCRIPTION

The Brunswick School Department has as fleet of twenty-five (25) diesel and four (4) low sulfur gasoline buses ranging from 1998 model year to 2018 model year. Out of the twenty-five (25) diesel buses, 68% of them meet the age and mileage requirement for grant eligibility. In this first round application we are proposing to replace five (5) of the seventeen (17) that would potentially qualify for this program.

If approved this project will continue the effort of replacing our diesel fleet with gasoline. With the support of the Department of Education Bus Replacement Program and the Brunswick taxpayers, we were able to purchase four (4) diesel buses over this past summer. This allowed us to lower the number potentially eligible mentioned above from twenty-one (21) initially to seventeen (17).

Our Maintenance Department has implemented a very stringent inspection and maintenance policy which exceeds manufactures recommendations in an effort to keep the buses in the best mechanical shape possible which will continue to reduce emissions. The continuance of our no idle policy is an attempt at modeling for parents and students that get picked up and dropped off at our school buildings which will further reduce NOx emissions.

The normal replacement cycle of our bus fleet that supported by our taxpayers is typically two (2) buses per year. Unfortunately economic times did not allow us to keep up with that schedule and there was a gap in replacements that started in 2011. The age of our fleet is a direct result of this. This past year we were able to show our taxpayers that the aging fleet was no longer efficient and makes them expensive to maintain in addition to the increased NOx emissions they omit. The support of this grant would allow us to accelerate the replacement of our aging fleet by more than double thus directly reducing the NOx emissions.

In a short summary the switch from diesel to gasoline will have a direct impact on the NOx emissions that are currently being created by Brunswick School Departments' use of our older diesel bus fleet.

ATTACHMENT B

NO_x EMISSION REDUCTION

(five summary sheets follow as requested)

Project Options	
State	ME
Project Type	Environmental Mitigation with Scrappage

Vehicle Options	
Type	School Bus
Number of Vehicles	1
Model Year of Scrapped Vehicle	2003
Years for Early Retirement of Scrapped Vehicle	5
Lifetime of New Vehicle (Years) After Scrappage	10
Annual Miles of Scrapped Vehicle	15000
Annual Miles of New Vehicle	15000
Use Diesel In-Use Multiplier?	Yes
Use Low NOx Engines?	Yes

Funding Options (\$)	
Diesel Vehicle Funding	\$98,000.00
Electric Vehicle Funding	\$0.00
Natural Gas Vehicle Funding	\$0.00
Propane Vehicle Funding	\$0.00

Fuel Options	
Natural Gas (NG) Feedstock Source	North American NG
Source of Electricity	NPCC

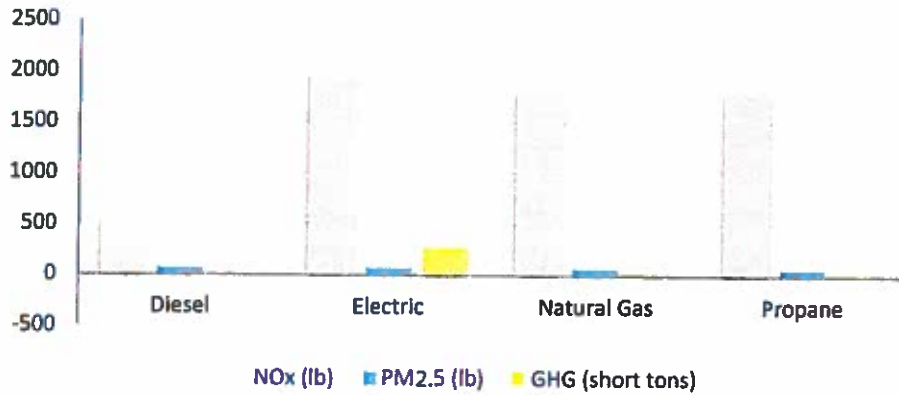
Source of Electricity Percentages	
Residual Oil	0.8%
Natural Gas	48.8%
Coal	2.6%
Nuclear	29.8%
Biomass	0.6%
Renewable (e.g Wind, Solar)	17.3%

Fuel Economy	
Old Diesel (MPDGE)	7.7
New Diesel (MPDGE)	7.7
Electric (MPDGE)	19.6
Natural Gas (MPDGE)	6.5
Propane (MPDGE)	6.4

Brunswick School Department NOX

Environmental Mitigation with Scrappage

New Vehicle Emission Benefit



New Vehicle Emission Benefits

Pollutant	Diesel	Electric	Natural Gas	Propane
NOx (lb)	535.76	2023.08	1837.17	1795.53
PM2.5 (lb)	64.37	69.78	64.37	63.9
GHG (short tons)	0	271.24	18.6	-18.38

New Vehicle Cost Effectiveness

Pollutant	Diesel	Electric	Natural Gas	Propane
NOx (lb)	\$183	N/A	N/A	N/A
PM2.5 (lb)	\$1,522	N/A	N/A	N/A
GHG (short tons)	N/A	N/A	N/A	N/A

Project Options	
State	ME
Project Type	Environmental Mitigation with Scrappage

Vehicle Options	
Type	School Bus
Number of Vehicles	1
Model Year of Scrapped Vehicle	2003
Years for Early Retirement of Scrapped Vehicle	5
Lifetime of New Vehicle (Years) After Scrappage	10
Annual Miles of Scrapped Vehicle	15000
Annual Miles of New Vehicle	15000
Use Diesel In-Use Multiplier?	Yes
Use Low NOx Engines?	Yes

Funding Options (\$)	
Diesel Vehicle Funding	\$98,000.00
Electric Vehicle Funding	\$0.00
Natural Gas Vehicle Funding	\$0.00
Propane Vehicle Funding	\$0.00

Fuel Options	
Natural Gas (NG) Feedstock Source	North American NG
Source of Electricity	NPCC

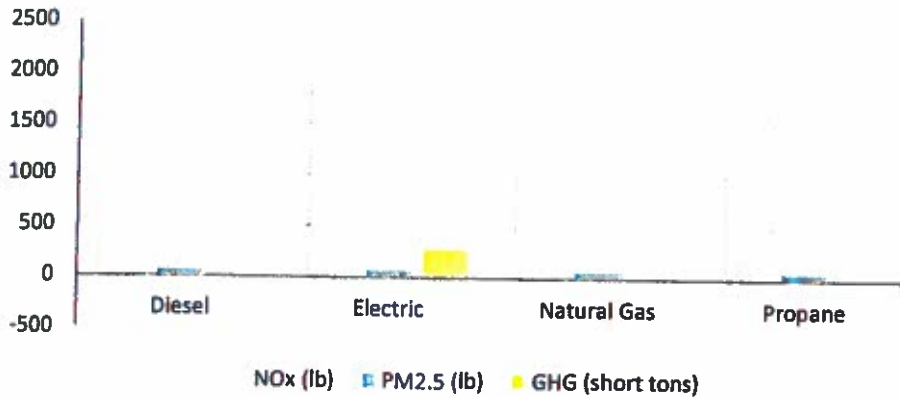
Source of Electricity Percentages	
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Natural Gas	48.8%
Coal	2.6%
Nuclear	29.8%
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Brunswick School Department NOX

Environmental Mitigation with Scrappage

New Vehicle Emission Benefit



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New Vehicle Cost Effectiveness				
Pollutant	Diesel	Electric	Natural Gas	Propane
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PM2.5 (lb)	\$1,522	N/A	N/A	N/A
GHG (short tons)	N/A	N/A	N/A	N/A

Project Options	
State	ME
Project Type	Environmental Mitigation with Scrappage

Vehicle Options	
Type	School Bus
Number of Vehicles	1
Model Year of Scrapped Vehicle	1998
Years for Early Retirement of Scrapped Vehicle	5
Lifetime of New Vehicle (Years) After Scrappage	10
Annual Miles of Scrapped Vehicle	15000
Annual Miles of New Vehicle	15000
Use Diesel In-Use Multiplier?	Yes
Use Low NOx Engines?	Yes

Funding Options (\$)	
Diesel Vehicle Funding	\$98,000.00
Electric Vehicle Funding	\$0.00
Natural Gas Vehicle Funding	\$0.00
Propane Vehicle Funding	\$0.00

Fuel Options	
Natural Gas (NG) Feedstock Source	North American NG
Source of Electricity	NPCC

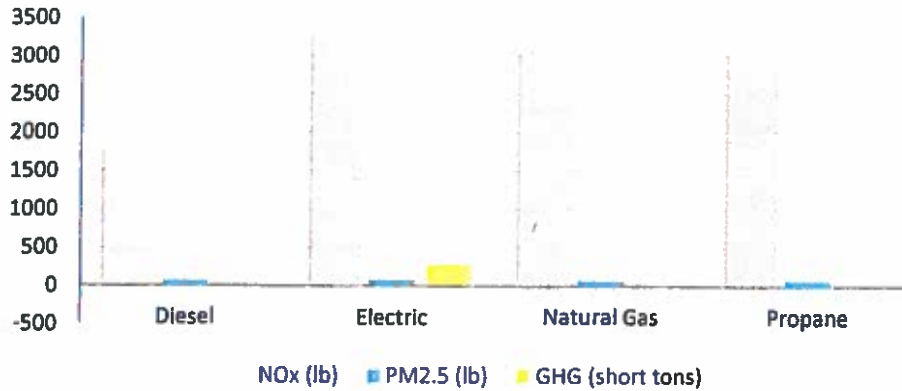
Source of Electricity Percentages	
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Brunswick School Department NOX

Environmental Mitigation with Scrappage

New Vehicle Emission Benefit



New Vehicle Emission Benefits

Pollutant	Diesel	Electric	Natural Gas	Propane
NOx (lb)	1835.71	3323.04	3137.12	3095.49
PM2.5 (lb)	71.48	76.89	71.48	71.01
GHG (short tons)	0	271.24	18.6	-18.38

New Vehicle Cost Effectiveness

Pollutant	Diesel	Electric	Natural Gas	Propane
NOx (lb)	\$53	N/A	N/A	N/A
PM2.5 (lb)	\$1,371	N/A	N/A	N/A
GHG (short tons)	N/A	N/A	N/A	N/A

Project Options	
State	ME
Project Type	Environmental Mitigation with Scrappage

Vehicle Options	
Type	School Bus
Number of Vehicles	1
Model Year of Scrapped Vehicle	2004
Years for Early Retirement of Scrapped Vehicle	5
Lifetime of New Vehicle (Years) After Scrappage	10
Annual Miles of Scrapped Vehicle	15000
Annual Miles of New Vehicle	15000
Use Diesel In-Use Multiplier?	Yes
Use Low NOx Engines?	Yes

Funding Options (\$)	
Diesel Vehicle Funding	\$98,000.00
Electric Vehicle Funding	\$0.00
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Propane Vehicle Funding	\$0.00

Fuel Options	
Natural Gas (NG) Feedstock Source	North American NG
Source of Electricity	NPCC

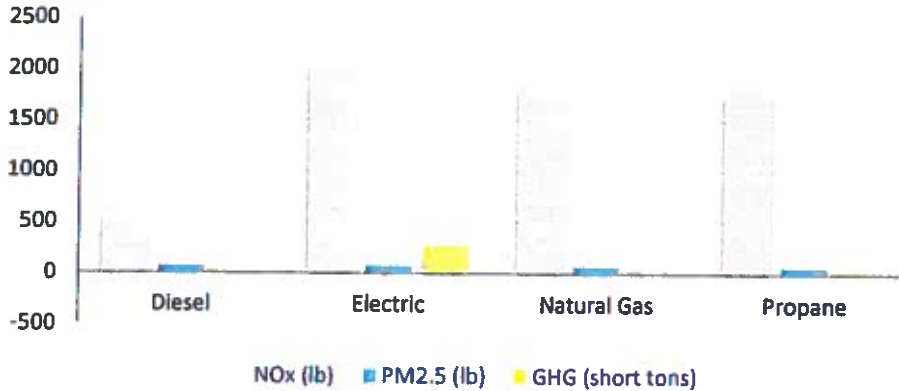
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Brunswick School Department NOX

Environmental Mitigation with Scrappage

New Vehicle Emission Benefit



New Vehicle Emission Benefits

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NOx (lb)	535.76	2023.08	1837.17	1795.53
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GHG (short tons)	0	271.24	18.6	-18.38

New Vehicle Cost Effectiveness

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NOx (lb)	\$183	N/A	N/A	N/A
PM2.5 (lb)	\$1,522	N/A	N/A	N/A
GHG (short tons)	N/A	N/A	N/A	N/A

Project Options	
State	ME
Project Type	Environmental Mitigation with Scrappage

Vehicle Options	
Type	School Bus
Number of Vehicles	1
Model Year of Scrapped Vehicle	2004
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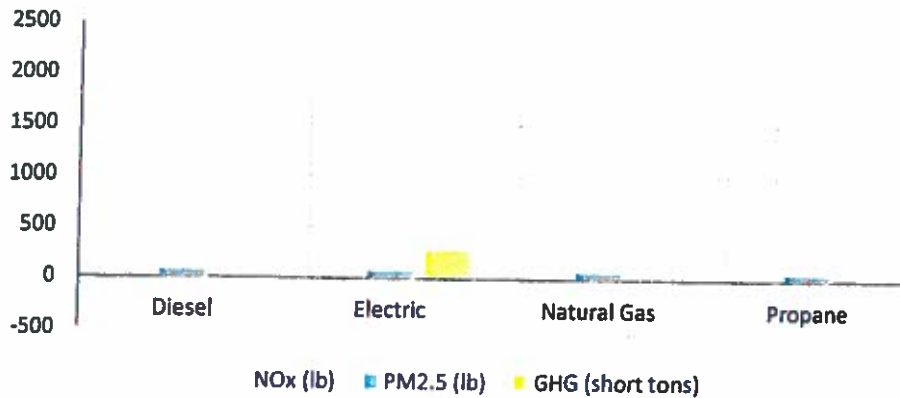
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Brunswick School Department NOX

Environmental Mitigation with Scrappage

New Vehicle Emission Benefit



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PM2.5 (lb)	\$1,522	N/A	N/A	N/A
GHG (short tons)	N/A	N/A	N/A	N/A

ATTACHMENT C

HEALTH BENEFITS

In addition to the NOx emission reductions there is an expectation that the replacement buses will create less noise pollution in the community. We will continue implementation of the district's no idling policy while waiting for the students to load and unload which will further lessen environmental pollutants that may be omitted by our fleet. Existing fueling facilities exist that Brunswick School Department shares with the Town of Brunswick, which decreases the need to an alternate fuel facility within the town boundaries reducing exposure to the dangers that may be associated with them.

ATTACHMENT D

AREA LOCATION

These replacement buses will be located at 20 Barrows St, Brunswick in the Brunswick School Department Bus Maintenance Garage/Parking depot. They will travel throughout the entire Town of Brunswick during daily operations. On occasion they will travel on out of town for athletic events and student field trips.

ATTACHMENT E

ACTION AREA



Brunswick, Maine does not appear on this map that was provided in link attached in the application <https://www.maine.gov/dep/air/meteorology/class1.html> nor was I able to manipulate the map to allow Brunswick to be included. Proximity wise Brunswick is located south westerly of Augusta so this is the only potential area we would close to.

ATTACHMENT F

As part of Attachment F, include a letter of commitment for balance of base price of vehicle or equipment from a financial institution or authorized financial administrator. Also, complete the following table.

Budget Summary		
1	Total Estimated Cost of the Proposed Action	\$490,000
2	Minimum required cost share or leverage funding for this action Percentage: 20% Source: LOCAL TAXATION SCHOOL BUDGET	\$98,000
3	Actual cost share and cost overage committed by the Action Proponent (may include local funding, grants awarded, contributions, etc.) Percentage: 20%	\$98,000
4	Funds requested from Maine's VW Environmental Mitigation Settlement	\$392,000

A copy of an excerpt from the September 12, 2018 Brunswick School Board Monthly Meeting minutes, in which application for this grant was discussed, follow. The School Board voted unanimously to pursue this grant understanding that the Brunswick School Board would be required to support the 20% matching funds if approved.

Brunswick School Board
MINUTES
Wednesday, September 12, 2018
Regular Meeting 7:00 p.m.
Council Chambers
Town Hall
85 Union Street

Members Present: Joy Prescott, Chair; James Grant, Vice Chair; Teresa Gillis; Mandy Merrill; Corinne Perreault; Sarah Singer; Elizabeth Sokoloff; William Thompson; Benjamin Tucker; Maddie Wayne, Student Liaison

Absent: Paul Perzanoski, Superintendent; Pender Makin, Assistant Superintendent; Kelly Wentworth, Business Manager; Steve Ciembroniewicz, Coffin Elementary School Principal; Brian Pressley, BHS Teacher; Sue Alexander, Administrative Assistant.

Community members; and members of the press.

Pledge of Allegiance/Roll Call

The meeting to order at 7:00 p.m., led the Pledge of Allegiance and asked for a roll

Agenda

Agenda

Agenda passed unanimously without objection.

Approval of the Minutes of August 22, 2018

Policy Committee

Review of First Read Policies:

Policy FILE BCB: Board Member Conflict of Interest

Policy FILE DBJ: Procurement

Policy FILE DJH: Purchasing & Contracting: Procurement Staff Code of Conduct

Review of Policies and Regulations to Rescind:

Motion to Rescind Policy FILE BDG: Legal Services

Motion to Rescind Policy FILE EEAEAA: Drug & Alcohol Testing of School Bus
as the understanding of the Board to rescind only the regulation and exhibits
of this policy: -R, -E1, -E2)

Motion to Rescind Policy FILE EEAG: Student Transportation in Private Vehicles

Motion to Rescind Policy FILE EGAB: Internet Usage Safety

Motion to Rescind Policy FILE GBBA: Harassment

Motion to Rescind Policy FILE GBGA: Staff Health

Motion to Rescind Policy FILE GCOA-R: Teacher Evaluation Handbook

Motion to Rescind Policy FILE ID: Early Release

Motion to Rescind Policy FILE IJNDB-R: Regulations for Student Computer Use

Motion to Rescind Policy FILE IKE-R: Promotion Policy – Regulations

ATTACHMENT G

The milestones included in this template are provided as guidance. Action Proponents may substitute other milestones that suit their purpose.

Projected Action Schedule	
Milestone	Estimated Date
MaineDOT Requests Round 1 Proposals for Actions to be funded by VW Environmental Mitigation Settlement	07/09/18
Action Proponent or Agent Submits Proposal to MaineDOT	09/15/18
MaineDOT Provides Written Approval of Action Proponent's Proposal	10/31/18
Action Proponent Enters Contract with MaineDOT	11/30/18
MaineDOT verifies funding approval by incorporating Action into Maine Beneficiary Mitigation Plan	12/15/18
Trustee Acknowledges Receipt of Project Certification and Funding Direction	12/31/18
Action Proponent Obtains Cost Share, Notifies or Certifies to MaineDOT	07/01/19
Action Installation(s)/Delivery	08/31/19
Submit Proof of Delivery or Work Completed to MaineDOT by providing copies of the vehicle title and receipt for vehicle, equipment, or service.	09/15/19
Submit Proof of Scrapping of Replaced Vehicle or Engine to MaineDOT	10/31/19
MaineDOT Remits Committed Funding to Action Proponent	11/15/19
Due date of first Status Report and Maintenance Record to MaineDOT (six months after funding award)	05/15/19
MaineDOT Reports Action Completion to Trustee	07/01/19

BRUNSWICK SCHOOLS DAILY BUS INSPECTION

WEEK OF: _____

BUS #: _____

DRIVER'S NAME: _____

	MON	TUES	WED	THUR	FRI
CHECK FIRE EXTINGUISHER					
CHECK OIL, FUEL & OTHER FLUIDS					
CHECK FOR ENGINE LEAKS					
CHECK BRAKE CAN-CHAMBER / BRAKE LINES					
START BUS					
CHECK GAUGES					
CHECK WINDSHIELD					
CHECK WINDSHIELD WIPERS					
CHECK ALL MIRRORS FROM SEAT					
CHECK HORN & BACKUP ALARM					
CHECK HEATERS & DEFROSTERS					
CHECK FOOT BRAKES					
CHECK EMERGENCY BRAKE					
CHECK STEERING					
CHECK SWING ARM					
CHECK RADIO IS ON VOLUME UP					
CHECK EMERGENCY EQUIPMENT					
TURN ON YELLOW WARNING LIGHTS					
TURN ON HEADLIGHTS (HIGH BEAM)					
TURN ON LEFT TURN SIGNAL					
CHECK SEAT BOTTOMS TO BACK DOOR					
CHECK REAR DOOR & BUZZER					
CHECK REAR MARKER & WARNING LIGHTS					
CHECK SEAT BACKS TO FRONT OF BUS					
TURN ON RIGHT TURN SIGNAL					
SWITCH HEADLIGHTS TO LOW BEAM					
CHECK RIGHT FRONT TIRE, WHEEL & SPRINGS					
CHECK LIGHTS ON FRONT OF BUS					
CHECK LEFT FRONT TIRE, WHEEL & SPRINGS					
CHECK LEFT SIDE CLEARANCE LIGHTS					
CHECK LEFT SIDE WINDOWS & BATTERY BOX					
CHECK EXHAUST PIPE & DRIVE SHAFT					
CHECK REAR LEFT TIRES, WHEELS & SPRINGS					
CHECK REAR OF BUS LIGHTS & WINDOWS					
CHECK RIGHT REAR TIRES, WHEELS & SPRINGS					
CHECK RIGHT SIDE CLEARANCE LIGHTS					
CHECK FUEL FILLER DOOR & CAP					
CHECK FOUR-WAY EMERGENCY FLASHERS					
BUS CLEAR INSPECTION- NO STUDENT LEFT BEHIND					
BUSSES #43, #44, #45, #46, #47, #48, #49, #51 DRAIN AIR TANKS AT END OF DAY OR TRIP	MAINTAIN AT LEAST 3/4 TANK FULL AT ALL TIMES				
LIST ANY DEFFECTS AND REPORT TO SHOP PERSONNEL					

BRUNSWICK SCHOOL DEPARTMENT/ TRANSPORTATION

Bus Maintenance Program- A= 3,000 mile service; B= 6,000 mile service

Bus #		A	Gauges and instruments
Make		A	Pump Down air Pressure, check Buzzer and PP-DC Valve
Series/Model		A	Driver and Passenger Seat Condition
Body Manf.		A	Horn
Date:		A	Service and Parking Brake (check operation)
Year		A	Windshield Wipers and Blades (check condition)
Mileage/Hours		A	Door, Side Window and Rear Glass (check condition)
Inspection		A	Throttle, Engine Shut Down
Antifreeze		A	Heater & Defroster
Gov. Rpm.		A	First Aid Kit, Bodily Fluid Pick-up Kit, Fire Extinguisher
Charging Rate.		A	Headlights, Marker directional, brake, Overhead, Backup
		A	Inspect Surveillance Camera System
		A	Emergency Exit alarms
*X - See discrepancies		A	Cooling System/Protection, Kit DCA
		A	Water Pump: Play/Leakage
		A	Coolant Hoses: Cracks, Chaffing
		B	Engine Oil and Filter Change
		B	Fuel Filter Change
		A	Fuel Lines / Fuel Tank
		A	Steering: Check for Play
		A	King Pins/Ball Joints/Wheel Bearings for Play
		A	Tie Rod & Drag Link Ends for Play
		A	Lube Chassis
		A	Springs, Shackles, Pins and U-bolts (check condition and tightness)
		A	Rear end: Check Level
		A	Exhaust System
		A	Drive Shaft: Check U-Joints/Center Bearing
		A	Brakes: Visually Inspect Drums and Rotors
		A	Inspect Brake Shoes and Pads
		A	Inspect Brake Lines and Hoses
		A	Wheels: Check condition of seals, axle nuts, stud nuts, check rims.
		A	Belts and Pulleys
		A	Battery Check/Clean/Tighten Connections
		A	Air Filter/Intake Hoses Clamps/Man.
		A	Check Power Steering, Brake Fluid
		A	Lube Slack Adjusters, S Cams
		A	Check Tire Tread Depth/Inflation
		B	Internal Transmission Filter (AT 545)
		B	Auxiliary Transmission Filter (AT 545)
		B	Transmission Filter (2000)
	C Inspection	B	Wabasto Fuel Filter
		B	Transmission Fluid Change
		B	Fuel Water Separator/ Drain

[illegible]

ATTACHMENT I

Authorized Agent Certification

The Authorized Agent certifies that they have been authorized by the Project Proponent to submit this application, that the Project Proponent agrees to all the program requirements, and that the information provided is an accurate representation of the project.

Action Proponent's Signature: _____

Date: 09/14/2018

Authorized Agent's Signature: _____

(if different from Action Proponent)

Date: _____

Action Proponent Signature

The Action Proponent certifies that the action(s) is/are accurately described in this application. Signature indicates that the action(s) comply with all requirements of the Volkswagen Environmental Mitigation Settlement, provides the designated level of cost share funds, and a willingness to enter an agreement with the Maine Department of Transportation requiring the Action Proponent to administer the project abiding to federal, State, and local requirements. The Action Proponent also accepts responsibility for submitting progress reports during the term of the project and providing future maintenance of the completed action through 2027.

Action Proponent(s): KELLY M WENTWORTH

Title: BUSINESS MANAGER

Phone#: (207) 319-1900

Email: KWENTWORTH@BRUNSWICK.K12.ME.US


Signature(s)

09/14/2018
Date