

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

# BENEFICIARY ELIGIBLE MITIGATION ACTION CERTIFICATION

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Beneficiary Mashantucket Pequot Tribal Nation (MPTN)

Lead Agency Authorized to Act on Behalf of the Beneficiary MPTN Public Works  
*(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>	Replacement of 1 Diesel Truck: Class 8
<b>Beneficiary's Project ID:</b>	MPTN-PG-VW-YR1-2017
<b>Funding Request No.</b>	<i>(sequential)</i> 1
<b>Request Type: (select one or more)</b>	<input type="checkbox"/> Reimbursement <span style="float: right;"><input checked="" type="checkbox"/> Advance</span> <input type="checkbox"/> Other (specify): _____
<b>Payment to be made to: (select one or more)</b>	<input checked="" type="checkbox"/> Beneficiary <input type="checkbox"/> Other (specify): _____
<b>Funding Request &amp; Direction (Attachment A)</b>	<input checked="" type="checkbox"/> Attached to this Certification <input type="checkbox"/> To be Provided Separately

## SUMMARY

<b>Eligible Mitigation Action</b>	<input checked="" type="checkbox"/> Appendix D-2 item (specify): <u>Option 1: Class 8 local freight trucks (large trucks) (weight: GVWR 45,120 lbs)</u>
<b>Action Type</b>	<input type="checkbox"/> Item 10 - DERA Option (5.2.12) (specify and attach DERA Proposal):
<b>Detailed Description of Mitigation Action Item Including Community and Air Quality Benefits (5.2.2):</b>	
<p>Funding will be used to replace 1 eligible diesel vehicle; a 2006, a class 8 vehicle. This vehicle is to be housed and used within Mashantucket, CT a Native American Indian Reservation at the Public Works Department. It will be used year round and over the entire area of the reservation. Mashantucket is disadvantaged by being located within ozone Non-Attainment Area, of which NOx is a precursor pollutant. There are no major source emitters of NOx, or any source that contributes to an exceedance of the Ozone NAAQs, located within Mashantucket. Thus the non-attainment designation is solely related to up wind sources. The 2020 proposed replacement will greatly reduce harmful NOx emissions during operation and idle times. MPTN has attached a GIS Map of our Reservation in which both vehicles will be used (Attachment H - MPTN Reservation GIS Map).</p>	
<b>Estimate of Anticipated NOx Reductions (5.2.3):</b>	
Replacement of the 2006 Plow Truck (class 8), according to the (DEQ) software shows a reduction of 88.6% NOx when replaced with a 2020 Diesel Plow Truck (Class 8). Please refer to attached DEQ data.	
<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>	
Mashantucket Pequot Tribal Nation Financial Department is in compliance with all Uniform Code of Regulations/Code of Federal Regulations.	
<b>Describe how the Beneficiary will make documentation publicly available (5.2.7.2).</b>	
Pursuant to Section #7 of the D-3, and as stated in our D-4 application, and as indicted by the Trust Settlement, the Mashantucket Pequot Tribal Nation will make copies of the D-3 and D-4 application resources and all their attachments publicly available. Please refer to (Attachment G - Procedure for Public Availability of Documentation).	
<b>Describe any cost share requirement to be placed on each NOx source proposed to be mitigated (5.2.8).</b>	
Mashantucket Pequot Tribal Nation is proposing 25% cost share as part of this application. These funds have already been approved by Tribal Council and exist in the Lead Agency's (Public Works Department capital expenditures budget). These funds will support \$40,359 in cost share using Tribal funds. This represents 25% of the full cost of the truck which is \$159,887. Eligible Large Freight Trucks - Class 8 2006 Truck must be Scrapped (MPTN will comply with this requirement and provide proof of scrapped vehicles for reporting and compliance. This is a government-owned Eligible Large Freight Truck (>33,000lbs). Replacement is an Option 1: Class 8 local freight trucks (large trucks) with a GVWR of 45,120 lbs). It is a 2020 International make.	
<b>Describe how the Beneficiary complied with subparagraph 4.2.8, related to notice to U.S. Government Agencies (5.2.9).</b>	
Per page 23 of the file labeled "Dkt 51-2 Tribe Beneficiary Trust Agreement", Document 51-2, as outlined in Section 4.3.8 "Notice of Availability of Mitigation Action Funds", Mashantucket Pequot Tribal Nation will not later than 30 Days after being deemed a Beneficiary, send via certified mail (and email) copies of its official Appendix D-3 and official Appendix D-4 to the following Federal agencies: 1) The Department of the Interior's National Park Service, Air Resources Division 2) Tim Allen or other designated representative, U.S Fish and Wildlife Service, National Wildlife Refuge System Branch of Air Quality, 3) The Department of Agriculture: Linda Geiser or other designated representative, National Air Program Manager and 4) The Department of Agriculture: Bret Anderson or other designated representative National Air Modeling Coordinator.	

**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).**

According to the EPA's Diesel Emissions Quantifier tool the replacement of this diesel vehicle will mitigate NOx emissions by average of 88.6%. This will immediately, and greatly, reduce the emissions footprint from the previous vehicle in our rural community where the truck will be used. Native Americans have historically been socially-disadvantaged and negatively impacted by emissions from western cultures whose towns and cities surround them (surround the reservation). Please refer to (Attachment: F -DEQ 2020 Data Report)

**ATTACHMENTS**  
**(CHECK BOX IF ATTACHED)**

- |                                     |                     |   |
|-------------------------------------|---------------------|---|
| <input checked="" type="checkbox"/> | <b>Attachment A</b> | <b>Funding Request and Direction.</b>   |
| <input checked="" type="checkbox"/> | <b>Attachment B</b> | <b>Eligible Mitigation Action Management Plan Including Detailed Budget and Implementation and Expenditures Timeline (5.2.4).</b>   |
| <input checked="" type="checkbox"/> | <b>Attachment C</b> | <b>Detailed Plan for Reporting on Eligible Mitigation Action Implementation (5.2.11).</b>   |
| <input checked="" type="checkbox"/> | <b>Attachment D</b> | <b>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.]</b> |
| <input type="checkbox"/>            | <b>Attachment E</b> | <b>DERA Option (5.2.12). [Attach only if using DERA option.]</b>  |
| <input type="checkbox"/>            | <b>Attachment F</b> | <b>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.]</b> |

**CERTIFICATIONS**

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

- 1. This application is submitted on behalf of Beneficiary Mashantucket Pequot Tribal Nation (MPTN), 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:** 4/10/2019

Keith Gove, Director



**[NAME]**

**[TITLE]**

MPTN Public Works

**[LEAD AGENCY]**

**for**

Mashantucket Pequot Tribe

**[BENEFICIARY]**

**[SAMPLE ATTACHMENT B - USE OF THIS FORMAT IS NOT MANDATORY]**

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

Milestone	Date
Lead Agency Provides Notice of Availability of Mitigation Action Funds	
Project Sponsor Submits Proposal to Lead Agency	
Lead Agency Provides Written Approval of Project Sponsor's Proposal	
Lead Agency Incorporates Project Sponsor's Proposal into Mitigation Plan	
Trustee Acknowledges Receipt of Project Certification and Funding Direction	
Trustee Allocates Share of Funds for Approved Project	5/15/2019
Lead Agency Directs Funding (Advance Funded Projects)	
Project Sponsor Obtains Cost Share, Notifies or Certifies to Lead Agency	
Project Sponsor Enters into Contracts, Purchase Orders, etc. - Start	5/15/2019
Project Sponsor Enters into Contracts, Purchase Orders, etc. - Complete	12/31/2019
Project Installation(s) – Start	5/15/2019
Project Installation(s) – Complete	12/31/2019
Project Sponsor provides detailed invoices for all claimed project costs, documentation for emission reduction estimates, required certification documents to Lead Agency to support direction to Trustee for Payment (Reimbursement, Direct-to-Vendor) or final accounting (Forward Funded Projects)	-
Lead Agency completes review and certifies payment direction to Trustee (Reimbursement)	1/10/2020
Trustee Acknowledges Receipt of Direction for Payment(s) (Advance Funded, Reimbursement)	-
Project Sponsor Certifies Project Completion	/
Lead Agency Reports Project Completion	/

**PROJECT BUDGET**

Period of Performance: <u>3/1/2019 - 12/31/2020</u>				
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	\$ 159,887	\$ 119,528	\$ 40,359	\$
2. Contractor Support <i>(Provide List of Approved Contractors as Attachment with approved funding ceilings)</i>	\$ 0	\$ 0	\$	\$
3. Subrecipient Support <i>(Provide List of Approved Subrecipients or Grant Awardees as Attachment with approved funding ceilings)</i>	\$ 0	\$ 0	\$	\$
4. Administrative <sup>1</sup>	\$ 0	\$ 0	\$	\$
<b>Project Totals</b>	\$ 159,887	\$ 119,528	\$ 40,359	\$
<b>Percentage</b>	100 %	75 %	25 %	%

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

**PROJECTED TRUST ALLOCATIONS:**

	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>
1. Anticipated Annual Project Funding Request to be paid through the Trust	\$	\$ 119,528	\$	\$	\$
2. Anticipated Annual Cost Share	\$	\$ 40,359	\$	\$	\$
3. Anticipated Total Project Funding by Year (line 1 plus line 2)	\$	\$ 159,887	\$	\$	\$
4. Cumulative Trustee Payments Made to Date Against Cumulative Approved Beneficiary Allocation	\$	\$ 0	\$	\$	\$
5. Current Beneficiary Project Funding to be paid through the Trust (line 1)	\$	\$ 119,528	\$	\$	\$
6. Total Funding Allocated to for Beneficiary, inclusive of Current Action by Year (line 4 plus line 5)	\$	\$ 119,528	\$	\$	\$
7. Beneficiary Share of Estimated Funds Remaining in Trust	\$	\$	\$	\$	\$
8. Net Beneficiary Funds Remaining in Trust, net of cumulative Beneficiary Funding Actions (line 7 minus line 6)	\$	\$ -119,528	\$	\$	\$

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

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

Mashantucket Pequot Tribal Nation's (MPTN) Reporting on EMAs will take place bi-annually.

Appendix D-3, Appendix D-4, Bi-Annual Reports (Interim and Final) will be posted according to the following:

**Mashantucket Pequot Tribal Nation (MPTN)**  
**Notice of Policy to Make D-3 and D-4 of the Volkswagen Settlement Publicly Available**

Pursuant to Section #7 of the MPTN Appendix D-3, and as stated in our MPTN Appendix D-4 application, and as indicted by the Trust Settlement, the Mashantucket Pequot Tribal Nation will make copies of the D-3 and D-4 application resources and all their attachments publicly available through the following measures:

- 1) Both the D-3 and the D-4 will be posted to our Tribal Community website via either MPTN GovNet "<http://govnet.mptn.org/Pages/GovNetWelcome.aspx>" (public-facing) our MPTN FoxNet website "<http://foxnet.mptn.org/Pages/default.aspx>" (public-facing) tribal community/government website; or the Pequot-At-Home "<https://www.pequotathome.net>" (public-facing) tribal community website.
- 2) Copies of the D-3 and D-4 will be posted in our monthly tribal newsletter
- 3) Hard copies of the D-3 and D-4 will be posted in our Tribal Community Center entranceway and lobby for tribal members to review
- 4) Copies of the D-3 and D-4 will be shared with Tribal Council including the Chairman, Public Works Department, and the Office of the Chief of Staff
- 5) Hard copies of the D-3 and D-4 will be posted at the Public Works Department Administration Office.
- 6) Bi-annual reports as required by the Trustee or the Court in accordance with Tribal policy

No confidential or personally identifiable information will be posted in any public notification from the Tribe pursuant to Tribal and Federal policies. All tribal laws regarding publicly available documentation requirements and policies will be followed.

As outlined above, the D-3, D-4, reports, and all documentation pertaining to the EMA projects will be available to the public. Contact information for the Public Works Director, Keith Gove, from the Public Works Department (Lead Agency) will be posted on the website listing for any community members who have questions or request documentation pertaining to the EMA project of information pertaining to the Mitigation Settlement.

MPTN will maintain and make publicly available all documentation submitted in support of the funding request, as well as records supporting all expenditures of EMA funds, subject to approved MPTN Tribal policies, procedures and law. No confidential or personally identifiable information will be posted in any public notification from the Tribe pursuant to Tribal and Federal policies. All tribal laws regarding publicly available documentation requirements and policies will be followed.

Any questions regarding documents posted for public participation will be directed to the Lead Agency, MPTN Public Works Department to the MPTN Public Works Director. The public will be allowed to submit questions directly to the Public Works Director via email or will be



able to call the Public Works Department to talk to the Public Works Director directly. Public Works will endeavor to answer public inquiries immediately but no later than 7 days. If copies of documents are requested Public Works will provide the individuals' copies of all requested documents in the earliest manner possible.

- Bi-annual reporting on MPTN's EMA implementation will be posted no more than 30 days after the end of each reporting period. MPTN anticipates an approved award of funds to start in or around April 1, 2018 to run through September 30, 2018. In that 6-month term, the first report will be due on July 31, 2018. The second and final report for funding year 1 would be due on October 30, 2018. These reports will be submitted to the Trustee via Intralinks through the 1) the MPTN Grants Administrator, 2) the MPTN Finance Controller, or 3) the MPTN Public Works Director; all of whom have been identified, designated, and approved through the Trustee's Incumbency Certificate and as approved by the MPTN Tribal Chairman as authorized users and submitters in the Intralinks System.
- MPTN understand that for each EMA, MPTN shall submit a comprehensive Final Report to the Trustee (via Intralinks) describing the progress made on implementing each EMA covering the first funding award term. This report shall include a summary of all costs expended on the EMA through the reporting date.
- These reports will include a complete description of the status (including actual or projected termination date), development, implementation, staff involved and duties, and any modifications to each approved EMA. MPTN will group multiple EMA's into one report. These reports will be signed by an official with the authority to submit the report for MPTN.

Mashantucket Pequot Tribal Nation will oversee the proposed EMAs as follows:

- Mashantucket Pequot Tribal Nation will review and programmatic and financial expenditures of its EMAs to ensure compliance with Mitigation Settlement policies and Wilmington Trust's requirements as well as applicable Tribal policies and procedures. Programmatic Compliance will be conducted by MPTN's Public Works Department (Lead Agency), MPTN's Compliance Officer and in coordination with the MPTN Grants Administrator. Financial Reporting will be conducted by MPTN Finance Department in coordination with the MPTN Compliance Officer and MPTN Grants Administrator. Outlined below are our Standards for Financial Management. Mashantucket uses these standards for all organizational and grant/contract financial agreements, procurement practices, and property management.

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Mashantucket Pequot Tribal Nation by Tribal Council Resolution TCR032807-05 adopted the MPTN Standards for Tribal Organization Management Systems for submission to the Federal agencies to meet the requirements under 25 CFR, chapter V, Part 900, Subpart F. The standards are:

- Sections:
- A. Standards for Financial Management System
  - B. Standards for Procurement Management System
  - C. Standards for Property Management System

## A. Standards for Financial Management System

The Mashantucket Pequot Tribal Nation (MPTN) shall expend and account for contract funds in accordance with all applicable tribal laws, regulations, and procedures in carrying out a self-determination contract.

The MPTN fiscal control and accounting procedures are sufficient to:

- a) Permit preparation of reports required by a self-determination contract and the Act; and
- b) Permit the tracing of contract funds to a level of expenditure adequate to establish that they have not been used in violation of any restrictions or prohibitions contained in any statute that applies to the self-determination contract.

MPTN Requirements to meet the required Financial Management System Standards are as follows:

- a) MPTN's Department of Finance will provide the Secretary a completed Financial Status Report, SF 269, as negotiated and agreed to in the self-determination contract.
- b) MPTN's Department of Finance shall maintain financial records sufficiently detailed to identify the source and application of self-determination contract funds received. The accounting records included the following information:
  - a. Identify contract awards
  - b. Record obligations and unobligated balances
  - c. List assets purchased with the funds
  - d. Record liabilities
  - e. Record expenditures and income
- c) MPTN's Department of Finance shall maintain effective control and accountability for all self-determination contract funds received and for all Federal real property, personal property, and other assets furnished for use by MPTN under the self-determination contract.
- d) MPTN's Department of Finance shall permit the comparison of actual expenditures with amounts budgeted by the tribe for each self-determination contract.
- e) MPTN's Grant Operating Departments, Department of Finance, and the Office of the Chief of Staff shall determine reasonableness, allowability, and allocability of self-determination contract costs based upon the terms of the self-determination contract and the tribe's applicable OMB cost principles
- f) MPTN's Department of Finance shall contain accounting records that are supported by documentation and other primary records that support self-determination contract fund expenditures
  - a. Canceled checks, paid bills, payroll records, time and attendance records, contract award documents, purchase orders

## **B. Standards for Procurement Management System**

MPTN Standards to meet the required Procurement Management System Standards are as follows:

- a) MPTN's Procurement Department shall ensure that its vendors and/or subcontractors perform in accordance with the terms, conditions, and specifications of their contracts or purchase orders.
- b) MPTN's Procurement Department maintains written standards of conduct governing the performance of its employees who award and administer contract. See attached REGS.49
- c) MPTN's Procurement Department shall conduct all major procurement transactions by providing full and open competition, to the extent necessary to assure efficient expenditure of contract funds.
  - a. Indian Preference and Tribal Preference shall be applied in any procurement award.
- d) MPTN's Procurement Department will compare leasing and purchasing alternatives to determine which is more economical.

- e) MPTN's Procurement Department shall make procurement awards only to responsible entities that have the ability to perform successfully under the terms and conditions of the proposed procurement.
- f) MPTN's Procurement Department shall maintain records on the significant history of all major procurement transactions.
- g) MPTN's Procurement Department will be responsible for processing and settling all contractual and administrative issues arising out of procurement.
  - a. Settlement of any protests, disputes or claims
- h) Each subcontract entered into under the Indian Self-Determination and Education Assistance Act shall at a minimum:
  - a. Be in Writing
  - b. Identify the interested parties, their authorities, and the purposes of the contract
  - c. State the work to be performed under the contract
  - d. State the process for making any claim, the payments to be made, and the terms of the contract, which shall be fixed; and be subject to sections 7(b) and (c) of the Indian Self Determination and Education Assistance Act.

### C. Standards for Property Management System

MPTN's Property Management system shall account for all property furnished or transferred by the Secretary for use under a self-determination contract or acquired with contract funds. (CFR 900.51)

The Property Management System tracks:

- a) personal property with an acquisition value in excess of \$5,000 per item
- b) sensitive personal property such as firearms which are subject to theft or pilferage and are managed by the custodian of such assets.
- c) Real property provided by the Secretary for use under the contract.
- d) MPTN Annual Equipment Inventory is available upon request.

MPTN's property management system maintains the following records:

- a) accurately describes the property
  - a. serial number, if applicable
  - b. other identification number
- b) source and acquisition date
- c) cost and federal share
- d) location, use and condition of property
- e) date of disposal and sale price if any.
  - a. An Asset Disposal Form is used to track inventory when the item is no longer operational or unneeded.

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- MPTN through our Federal Audit Clearing House use a federal Data Collection Form (DCF) for collection and storage of our annual audit information for every funding source the Tribe receives. Each DCF provides a summary of the annual audit including a list of our annual grant expenditures and audit findings, if any. Any funds relating to an approved EMA award would be handled using this same system. MPTN shall make available to Wilmington Trust, the Trustee, a copy of the federal grant Data Collection Form prepared and submitted to the Federal Audit clearing house in compliance with the federal Single Audit Act including audit findings related to these grant funds, if any, but excluding MPTN's audit report.

- MPTN will maintain and make publicly available all documentation submitted in support of the funding request, as well as records supporting all expenditures of EMA funds, subject to approved MPTN Tribal policies, procedures and law. No confidential or personally identifiable information will be posted in any public notification from the Tribe pursuant to Tribal and Federal policies. All tribal laws regarding publicly available documentation requirements and policies will be followed.
- Any questions regarding documents posted for public participation will be directed to the Lead Agency, MPTN Public Works Department to the MPTN Public Works Director. The public will can submit any questions directly to the Public Works Director via email or will be able to call the Public Works Department to talk to the Public Works Director directly. Public Works will endeavor to answer public inquiries immediately but no later than (10) days from the date of the request. If copies of documents are requested Public Works will provide the individuals' copies of all requested documents in the earliest manner possible.
- MPTN owns all of the cited diesel vehicles and will own any replacement vehicles. Support of these activities will be undertaken by appropriate MPTN employees as a part of their regular job duties.
- MPTN's Public Works Department (Lead Agency) will be responsible to select a scrapping vendor to "scrap" the cited diesel vehicles outlined in the MPTN's Appendix D-4. Information on vendor selection, date of scrapping, and all documentation detailing the specifics of this part of the project will be included in reports.
- Upon the termination or completion of any EMA, any unused EMA funds shall be returned by MPTN to the Trustee, to ultimately be returned to the Tribal Allocation Subaccount.

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

W.H. Rose



**HV507 SFA**

Sales Proposal For:  
**MASHANTUCKET PEQUOT TRIB**

Presented By:  
**NUTMEG INT'L TRKS INC**

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**Prepared For:**  
MASHANTUCKET PEQUOT TRIB  
Gregory Aquino  
PO Box 3008  
Mashantucket, CT 06338-3008  
(860)396 - 3063  
Reference ID: N/A

**Presented By:**  
NUTMEG INT'L TRKS INC  
KENNETH NIEMANN  
130 BRAINARD RD  
HARTFORD CT 06114 -  
(860)249-8635

Thank you for the opportunity to provide you with the following quotation on a new International truck. I am sure the following detailed specification will meet your operational requirements, and I look forward to serving your business needs.

**Model Profile**  
**2020 HV507 SFA (HV507)**

<b>AXLE CONFIG:</b>	4X2
<b>APPLICATION:</b>	Front Plow with spreader
<b>MISSION:</b>	Requested GVWR: 44000. Calc. GVWR: 45120 Calc. Start / Grade Ability: 33.95% / 2.13% @ 55 MPH Calc. Geared Speed: 72.3 MPH
<b>DIMENSION:</b>	Wheelbase: 177.00, CA: 102.00, Axle to Frame: 63.00
<b>ENGINE, DIESEL:</b>	{Cummins L9 300} EPA 2017, 300HP @ 2000 RPM, 860 lb-ft Torque @ 1300 RPM, 2200 RPM Governed Speed, 300 Peak HP (Max)
<b>TRANSMISSION, AUTOMATIC:</b>	{Allison 3500 RDS} 5th Generation Controls, Wide Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, with 80,000-lb GVW and GCW Max, On/Off Highway
<b>CLUTCH:</b>	Omit Item (Clutch & Control)
<b>AXLE, FRONT NON-DRIVING:</b>	{Dana Spicer I-180W} Wide Track, I-Beam Type, 18,000-lb Capacity
<b>AXLE, REAR, SINGLE:</b>	{Meritor RS-30-185} Single Reduction, 30,000-lb Capacity, T Wheel Ends Gear Ratio: 5.86
<b>CAB:</b>	Conventional
<b>TIRE, FRONT:</b>	(2) 315/80R22.5 Load Range L X WORKS Z (MICHELIN), 485 rev/mile, 65 MPH, All-Position
<b>TIRE, REAR:</b>	(4) 12R22.5 Load Range H HDR2 (CONTINENTAL), 479 rev/mile, 75 MPH, Drive
<b>SUSPENSION, REAR, SINGLE:</b>	31,000-lb Capacity, Vari-Rate Springs, with 4500-lb Capacity Auxiliary Multileaf Springs
<b>PAINT:</b>	Cab schematic 100WK Location 1: 6768, Blue (Prem) Chassis schematic N/A

<u>Code</u>	<u>Description</u>	<u>List</u> (US DOLLAR)
HV50700	Base Chassis, Model HV507 SFA with 177.00 Wheelbase, 102.00 CA, and 63.00 Axle to Frame.	\$92,332.00
1570	TOW HOOK, FRONT (2) Frame Mounted	\$84.00
1ANA	AXLE CONFIGURATION {Navistar} 4x2	\$0.00
	<u>Notes</u> : Pricing may change if axle configuration is changed.	
1CAJ	FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.866" x 3.622" x 0.433" (276.0mm x 92.0mm x 11.1mm); 456.0" (11582mm) Maximum OAL	\$783.00
1LLA	BUMPER, FRONT Swept Back, Steel, Heavy Duty	\$0.00
1WDS	FRAME EXTENSION, FRONT Integral; 20" In Front of Grille	\$590.00
1WEV	WHEELBASE RANGE 146" (370cm) Through and Including 195" (495cm)	\$0.00
2AEV	AXLE, FRONT NON-DRIVING {Dana Spicer I-180W} Wide Track, I-Beam Type, 18,000-lb Capacity	\$2,643.00
3770	SPRINGS, FRONT AUXILIARY Rubber	\$111.00
3ADG	SUSPENSION, FRONT, SPRING Parabolic Taper Leaf, Shackle Type, 18,000-lb Capacity, with Shock Absorbers	\$517.00
4091	BRAKE SYSTEM, AIR Dual System for Straight Truck Applications	\$0.00
	<u>Includes</u> : BRAKE LINES Color and Size Coded Nylon : DRAIN VALVE Twist-Type : GAUGE, AIR PRESSURE (2) Air 1 and Air 2 Gauges; Located in Instrument Cluster : PARKING BRAKE CONTROL Yellow Knob, Located on Instrument Panel : QUICK RELEASE VALVE On Rear Axle for Spring Brake Release: 1 for 4x2, 2 for 6x4 : SLACK ADJUSTERS, FRONT Automatic (with Air Cam Brakes) : SLACK ADJUSTERS, REAR Automatic (with Air Cam Brakes) : SPRING BRAKE MODULATOR VALVE R-7 for 4x2, SR-7 with relay valve for 6x4/8x6	
4193	BRAKES, FRONT, AIR CAM 16.5" x 6", Includes 24 SqIn Long Stroke Brake Chambers	(\$1,368.00)
4732	DRAIN VALVE {Berg} with Pull Chain, for Air Tank	\$0.00
4773	BRAKE SHOES, REAR Cast	\$1,021.00
4AZJ	AIR BRAKE ABS {Bendix AntiLock Brake System} Full Vehicle Wheel Control System (4-Channel) with Automatic Traction Control	\$210.00
4EBD	AIR DRYER {Wabco System Saver 1200} with Heater	\$497.00
4EXT	BRAKE CHAMBERS, REAR AXLE {Bendix EverSure} 36/36 Spring Brake	\$144.00
4EXV	BRAKE CHAMBERS, FRONT AXLE {Bendix} 24 SqIn	\$0.00
4LAA	SLACK ADJUSTERS, FRONT {Haldex} Automatic	\$138.00
4LGA	SLACK ADJUSTERS, REAR {Haldex} Automatic	\$188.00
4NDA	BRAKES, REAR, AIR CAM S-Cam; 16.5" x 7.0"; Includes 36/36 Sq.In. Long Stroke Brake Chambers and Spring Actuated Parking Brakes	(\$494.00)
4SPA	AIR COMPRESSOR {Cummins} 18.7 CFM Capacity	\$0.00
4VKC	AIR DRYER LOCATION Mounted Inside Left Rail, Back of Cab	\$50.00
4WBX	DUST SHIELDS, FRONT BRAKE for Air Brakes	\$35.00



<u>Code</u>	<u>Description</u>	<u>List</u> (US DOLLAR)
4WDM	DUST SHIELDS, REAR BRAKE for Air Brakes	\$70.00
4WZJ	AIR TANK LOCATION (2) : One Mounted Under Each Frame Rail, Front of Rear Suspension, Parallel to Rail	\$288.00
5708	STEERING COLUMN Tilting	\$125.00
5CAW	STEERING WHEEL 4-Spoke; 18" Dia., Black	\$0.00
5PTB	STEERING GEAR (2) {Sheppard M100/M80} Dual Power	\$1,159.00
7BES	AFTERTREATMENT COVER Polished Aluminum	\$498.00
7BKS	EXHAUST SYSTEM Single Horizontal Aftertreatment Device, Frame Mounted Right Side Under Cab; for Single Vertical Tail Pipe, Frame Mounted Right Side Back of Cab	\$2,128.00
7SDP	ENGINE COMPRESSION BRAKE {Jacobs} for Cummins ISL/L9 Engines; with Selector Switch and On/Off Switch	\$2,132.00
7WAZ	TAIL PIPE (1) Turnback Type, Non-Bright, for Single Exhaust	\$64.00
7WBS	MUFFLER/TAIL PIPE GUARD (1) Bright Stainless Steel	\$133.00
7WCR	EXHAUST HEIGHT 10' 11"	\$72.00
8000	ELECTRICAL SYSTEM 12-Volt, Standard Equipment	\$0.00
8518	CIGAR LIGHTER Includes Ash Cup	\$18.00
8541	HORN, ELECTRIC (2) Disc Style	\$29.00
8GXD	ALTERNATOR {Leece-Neville AVI160P2013} Brush Type; 12 Volt 160 Amp. Capacity, Pad Mount, with Remote Sense	\$0.00
8HAB	BODY BUILDER WIRING Back of Standard Cab at Left Frame or Under Sleeper, Extended or Crew Cab at Left Frame; Includes Sealed Connectors for Tail/Amber Turn/Marker/Backup/Accessory Power/Ground and Sealed Connector for Stop/Turn	\$100.00
8MSH	BATTERY SYSTEM {Fleetrite} Maintenance-Free, (4) 12-Volt 2640CCA Total	\$420.00
8REA	2-WAY RADIO Wiring Effects; Wiring with 20 Amp Fuse Protection, Includes Ignition Wire with 5 Amp Fuse, Wire Ends Heat Shrink and 10' Coil Taped to Base Harness	\$163.00
8RML	RADIO AM/FM/WB/Clock/Bluetooth/USB Input/3.5MM Auxiliary Input, MP3, Apple Device Play & Control, Bluetooth for Phone & Music	\$483.00
8RMV	SPEAKERS (2) 6.5" Dual Cone Mounted in Doors	\$48.00
8THB	BACK-UP ALARM Electric, 102 dBA	\$120.00
8THJ	AUXILIARY HARNESS 3.0' for Auxiliary Front Head Lights and Turn Signals for Front Plow Applications	\$158.00
8VTN	BATTERY BOX Aluminum, with Plastic Cover, 2-4 Battery Capacity, Mounted Right Side Perpendicular to Frame Rail, 35" Back of Cab	\$631.00
8WBW	JUMP START STUD Remote Mounted	\$168.00
8WGL	WINDSHIELD WIPER SPD CONTROL Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time	\$42.00
8WNH	RUNNING LIGHT (2) Daytime	\$58.00
8WPH	CLEARANCE/MARKER LIGHTS (5) {Truck Lite} Amber LED Lights, Flush Mounted on Cab or Sunshade	\$0.00

<u>Code</u>	<u>Description</u>	<u>List</u> (US DOLLAR)
8WPZ	TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights	\$42.00
8WRB	HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on	\$42.00
8WTL	STARTING MOTOR {Delco Remy 39MT} 12 Volt; Gear Reduced, with Thermal Over-Crank Protection	\$193.00
8WWJ	INDICATOR, LOW COOLANT LEVEL with Audible Alarm	\$0.00
8WXD	ALARM, PARKING BRAKE Electric Horn Sounds in Repetitive Manner When Vehicle Park Brake is "NOT" Set, with Ignition "OFF" and any Door Opened	\$42.00
8XAH	CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses	\$0.00
8XGT	TURN SIGNALS, FRONT Includes LED Side Turn Lights Mounted on Fender	\$0.00
8XHN	HORN, AIR Black, Single Trumpet, with Lanyard Pull Cord	\$94.00
9585	FENDER EXTENSIONS Rubber	\$104.00
9AAB	LOGOS EXTERIOR Model Badges	\$0.00
9AAE	LOGOS EXTERIOR, ENGINE Badges	\$0.00
9HBM	GRILLE Stationary, Chrome	\$0.00
9WAC	BUG SCREEN Mounted Behind Grille	\$131.00
9WBC	FRONT END Tilting, Fiberglass, with Three Piece Construction; for WorkStar/HV	\$0.00
10060	PAINT SCHEMATIC, PT-1 Single Color, Design 100	\$0.00
	<u>Includes</u> : PAINT SCHEMATIC ID LETTERS "WK"	
10761	PAINT TYPE Base Coat/Clear Coat, 1-2 Tone	\$0.00
10769	PAINT CLASS Premium Color	\$600.00
11001	CLUTCH Omit Item (Clutch & Control)	\$0.00
12703	ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection	\$0.00
12849	BLOCK HEATER, ENGINE 120V/1000W, for Cummins ISB/B6.7/ISL/L9 Engines	\$98.00
12EHU	ENGINE, DIESEL {Cummins L9 300} EPA 2017, 300HP @ 2000 RPM, 860 lb-ft Torque @ 1300 RPM, 2200 RPM Governed Speed, 300 Peak HP (Max)	\$8,038.00
12THT	FAN DRIVE {Horton Drivemaster} Direct Drive Type, Two Speed with Residual Torque Device for Disengaged Fan Speed	\$0.00
12UWZ	RADIATOR Cross Flow, Series System; 1228 SqIn Aluminum Radiator Core with Internal Water to Oil Transmission Cooler and 1167 In Charge Air Cooler	\$0.00
12VBC	AIR CLEANER Single Element	\$0.00
12VGZ	FEDERAL EMISSIONS {Cummins L9} EPA, OBD and GHG Certified for Calendar Year 2019	\$0.00
12VXT	THROTTLE, HAND CONTROL Engine Speed Control; Electronic, Stationary, Variable Speed; Mounted on Steering Wheel	\$0.00

<u>Code</u>	<u>Description</u>	<u>List</u> (US DOLLAR)
12WZB	EMISSION COMPLIANCE Low NOx Idle Engine, Complies with California Clean Air Regulations; Includes "Certified Clean Idle" Decal on Hood	\$97.00
12XAT	ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls; with Ignition Switch Control for Cummins ISB/B6.7 or ISL/L9 Engines	\$45.00
13AVL	TRANSMISSION, AUTOMATIC (Allison 3500 RDS) 5th Generation Controls, Wide Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, with 80,000-lb GVW and GCW Max, On/Off Highway	\$10,289.00
13WDZ	SHIFT CONTROL PARAMETERS Allison S-1 Performance Programming in Primary and Allison Fixed Programming in Secondary	\$48.00
13WET	TRANSMISSION SHIFT CONTROL for Column Mounted Stalk Shifter	\$50.00
13WLP	TRANSMISSION OIL Synthetic; 29 thru 42 Pints	\$203.00
13WUC	ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS); General Purpose Trucks, Construction	\$0.00
13WYH	TRANSMISSION TCM LOCATION Located Inside Cab	\$141.00
13XAM	PTO LOCATION Dual, Left and Right Side of Transmission	\$0.00
14ASB	AXLE, REAR, SINGLE {Meritor RS-30-185} Single Reduction, 30,000-lb Capacity, T Wheel Ends . Gear Ratio: 5.86	\$4,835.00
14SAL	SUSPENSION, REAR, SINGLE 31,000-lb Capacity, Vari-Rate Springs, with 4500-lb Capacity Auxiliary Multileaf Springs	\$305.00
15LMN	FUEL/WATER SEPARATOR {Racor 400 Series,} 12 VDC Electric Heater, Includes Pre-Heater, with Primer Pump, Includes Water-in-Fuel Sensor	\$123.00
15LPP	LOCATION FUEL/WATER SEPARATOR Mounted Inside Left Rail, 24" Back of Cab	\$86.00
15SGJ	FUEL TANK Top Draw, Non-Polished Aluminum, D-Style, 16" Tank Depth, 50 US Gal (189L), with Quick Connect Outlet, Mounted Left Side, Under Cab	\$52.00
15WDD	DEF TANK 7 U.S. Gal. 26.5L Capacity, Frame Mounted Outside Left Rail, Under Cab	\$0.00
16030	CAB Conventional	\$0.00
16BAM	AIR CONDITIONER with Integral Heater & Defroster	\$923.00
16GDC	GAUGE CLUSTER Base Level; English with English Speedometer and Tachometer, for Air Brake Chassis, Includes Engine Coolant Temperature, Primary and Secondary Air Pressure, Fuel and DEF Gauges, Oil Pressure Gauge, Includes 3 Inch Monochromatic Text Display	\$0.00
16HGH	GAUGE, OIL TEMP, AUTO TRANS for Allison Transmission	\$48.00
16HKT	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster	\$0.00
16JNT	SEAT, DRIVER {National 2000} Air Suspension, High Back with Integral Headrest, Vinyl, Isolator, 1 Chamber Lumbar, with 2 Position Front Cushion Adjust, -3 to +14 Degree Angle Back Adjust	\$116.00
16LUM	SEAT, PASSENGER {National} Non Suspension, High Back with Integral Headrest, Vinyl, with Fixed Back, with Under Seat Storage	\$518.00
16SDZ	MIRROR, CONVEX, HOOD MOUNTED {Lang Mekra} Right and Left Side; 7.44" Sq., Bright	\$190.00
16SNR	MIRRORS (2) Power Adjust, Thermostatically Controlled Heated Heads, LED Clearance Lights, Bright Finish Heads and Arms, Black Brackets, 7.55" x 14.1" Flat Glass, 7.48" x 6.77" Convex Glass Both Sides	\$442.00

<u>Code</u>	<u>Description</u>	<u>List</u> (US DOLLAR)
16VKB	CAB INTERIOR TRIM Classic, for Day Cab  <u>Includes</u> : CONSOLE, OVERHEAD Molded Plastic with Dual Storage Pockets, Retainer Nets and CB Radio Pocket; Located Above Driver and Passenger : DOME LIGHT, CAB Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Overhead Console, Center Mounted : SUN VISOR (2) Padded Vinyl; 2 Moveable (Front-to-Side) Primary Visors, Driver Side with Toll Ticket Strap	\$0.00
16VSL	WINDSHIELD Heated, Single Piece	\$632.00
16WBY	ARM REST, RIGHT, DRIVER SEAT	\$39.00
16WJU	WINDOW, POWER (2) and Power Door Locks, Left and Right Doors, Includes Express Down Feature	\$367.00
16WLS	FRESH AIR FILTER Attached to Air Intake Cover on Cowl Tray in Front of Windshield Under Hood	\$76.00
16WSK	CAB REAR SUSPENSION Air Bag Type	\$0.00
16XJN	INSTRUMENT PANEL Flat Panel	\$0.00
16XWJ	WINDSHIELD WIPER BLADES Snow Type	\$30.00
16ZBT	ACCESS, CAB Steel, Driver & Passenger Sides, Two Steps Per Door, for use with Regular and Extended Cabs	\$0.00
27DUL	WHEELS, FRONT {Accuride 29300} DISC; 22.5x9.00 Rims, Powder Coat Steel, 5-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs	\$204.00
28DUL	WHEELS, REAR {Accuride 29300} DUAL DISC; 22.5x9.00 Rims, Powder Coat Steel, 5-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs	\$455.00
60AAG	BDY INTG, REMOTE POWER MODULE Mounted Inside Cab behind Driver Seat; Up to 6 Outputs & 6 Inputs, Max. 20 amp. per Channel, Max. 80 amp Total (Includes 1 Switch Pack with Latched Switches)	\$790.00
7382155423	(4) TIRE, REAR 12R22.5 Load Range H HDR2 (CONTINENTAL), 479 rev/mile, 75 MPH, Drive	\$768.00
7652543287	(2) TIRE, FRONT 315/80R22.5 Load Range L X WORKS Z (MICHELIN), 485 rev/mile, 65 MPH, All-Position	\$3,822.00
	<b>Total of Product Features</b>	<b>\$141,666.00</b>
	<b>Services Section:</b>	
40128	WARRANTY Standard for HV507, HV50B, HV607 Models, Effective with Vehicles Built July 1, 2017 or Later, CTS-2025A	\$0.00
	<b>Total of Service Features</b>	<b>\$0.00</b>
	<b>Total List Price Including Options:</b>	<b>\$141,666.00</b>
1	body and equipment by W.H. ROSE	\$69,987.00
	<b>Total Body Allied:</b>	<b>\$69,987.00</b>

<u>Description</u>	<u>(US DOLLAR)</u>	<u>Price</u>
Factory List Prices:		
Product Items	\$141,666.00	
Service Items	\$0.00	
Total Factory List Price Including Options:		\$141,666.00
Freight	\$2,250.00	
Total Freight:		\$2,250.00
Total Factory List Price Including Freight:		\$143,916.00
Less Customer Allowance:		(\$54,016.00)
Total Vehicle Price:		<b>\$89,900.00</b>
Total Body/Allied Equipment:		\$69,987.00
Total Sale Price:		\$159,887.00
Total Per Vehicle Sales Price:		\$159,887.00
Net Sales Price:		<b>\$159,887.00</b>

Please feel free to contact me regarding these specifications should your interests or needs change. I am confident you will be pleased with the quality and service of an International vehicle.

**Approved by Seller:**

**Accepted by Purchaser:**

\_\_\_\_\_  
Official Title and Date

\_\_\_\_\_  
Firm or Business Name

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Authorized Signature and Date

**This proposal is not binding upon the seller without  
Seller's Authorized Signature**

\_\_\_\_\_  
Official Title and Date

The TOPS FET calculation is an estimate for reference purposes only. The seller or retailer is responsible for calculating and reporting/paying appropriate FET to the IRS.

5.2.2 continued

**Mashantucket Pequot Tribal Nation**

**Cited Diesel Replacement Trucks to be replaced (scrapped) as part of this project**

**VINs:**

**2006 International 7000 Series 740 1HTWDAZR96J352604**

**Attachment F - DEQ 2020 Data Report**

# Update Project Information

**Project Name** 2020 International

**Total Project Costs** \$ 163,887

[Edit Project](#)

[Delete Project](#)

Add a Vehicle or Engine Group



## Group Name: Plow/Dump Truck 1

**Type** Onroad

**Engine Model Year** 2006

**Fuel Type** ULSD

**Target** Short Haul - Single Unit

**Upgrade Year** 2019

**Annual Fuel Gallons** 1,463

**Class or Equipment** Class 8

**Remaining Life** 6

**Annual Miles Traveled** 14,962

**Quantity** 1

**Annual Idling Hours** 50

[Edit Group](#)

[Copy This Group](#)

[Delete](#)

## Upgrades to Plow/Dump Truck 1

Action	Upgrade	New Model Year	Annual Gallons Reduced	Cost per Unit		Percent Reduction				
				Upgrade	Labor	NO <sub>x</sub>	PM2.5	HC	CO	CO <sub>2</sub>
<a href="#">Edit</a> <a href="#">Delete</a>	Vehicle Replacement - Diesel	2020	220	\$159,887	\$4,000	88.6	97.4	89.7	89.4	-



# Emission Results and Health Benefits for Project: 2020 International

Emission Results

Health Benefits

## Emission Results ?

Here are the combined results for all groups and upgrades entered for your project.<sup>1</sup>

<i>Annual Results (short tons)<sup>2</sup></i>	NO <sub>x</sub>	PM2.5	HC	CO	CO <sub>2</sub>	Fuel <sup>3</sup>
Baseline for Upgraded Vehicles	0.099	0.010	0.012	0.045	16.5	1,463
Amount Reduced After Upgrades	0.087	0.010	0.011	0.040	2.5	220
Percent Reduced After Upgrades	88.6%	97.4%	89.7%	89.4%	15.0%	15.0%

<i>Lifetime Results (short tons)<sup>2</sup></i>	NO <sub>x</sub>	PM2.5	HC	CO	CO <sub>2</sub>	Fuel <sup>3</sup>
Baseline for Upgraded Vehicles	0.592	0.059	0.072	0.269	98.8	8,778
Amount Reduced After Upgrades	0.524	0.057	0.065	0.241	14.9	1,320
Percent Reduced After Upgrades	88.6%	97.4%	89.7%	89.4%	15.0%	15.0%

<i>Lifetime Cost Effectiveness (\$/short ton reduced)</i>	NO <sub>x</sub>	PM2.5	HC	CO	CO <sub>2</sub>	Fuel <sup>3</sup>
<b>Capital</b> Cost Effectiveness <sup>4</sup> (unit & labor costs only)	\$312,658	\$2,869,824	\$2,529,844	\$681,149	\$11,036	
<b>Total</b> Cost Effectiveness <sup>4</sup> (includes all project costs)	\$312,658	\$2,869,824	\$2,529,844	\$681,149	\$11,036	

<sup>1</sup> Emissions from the electrical grid are not included in the results.

<sup>2</sup> 1 short ton = 2000 lbs.

<sup>3</sup> In gallons; fuels other than ULSD have been converted to ULSD-equivalent gallons.

<sup>4</sup> Cost effectiveness estimates include only the costs which you have entered.

<b>Remaining Life</b>	<b>Plow/Dump Truck 1:</b> Short Haul - Single Unit   Class 8	6 years
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Mike Boland	4/9/2019	Detailed Report from the Diesel Emissions Quantifier		
MPTN				
Mike	Boland			
mboland@mptn-nsn.gov				
000-000-0000				
Type	Target Fleet	Class/Equipment	Number of Vehicles	Model Year
Onroad	Short Haul - Single Unit	Class 8	1	2006

Retrofit Year	Technology Description	Fuel Type	Fuel Volume	Calculated Fuel Volume	Vehicle Miles Traveled/Year (VMT)
2019	Vehicle Replacement - Diesel	ULSD	1463	1463	14962

Idling Hours/Year	Horsepower	Usage Rate/Year	Number of Vehicles Retrofitted	New Model Year	Diesel Fuel Reduced (gallons)
50			1	2020	220

Reduced Idling (hours)	Installation Cost	Unit Cost	Annual Baseline of Vehicles (NOx, short tons)	Lifetime Baseline of Vehicles (NOx, short tons)
0	\$4,000	\$159,887	0.098602968	0.591617805

Percent Reduced (NOx, %)	Baseline of Vehicles Retrofitted per year (NOx, short tons/year)	Amount Reduced per Year (NOx, short tons)
88.60%	0.0986	0.0874

Lifetime Baseline of Vehicles Retrofitted (NOx, short tons)	Lifetime Amount Reduced (NOx, short tons)	Lifetime Amount Emitted After Retrofit, Retrofitted Vehicles (NOx, short tons)
0.5916	0.5242	0.0674

Capital Cost Effectiveness (\$/short ton), Retrofitted Vehicles (NOx)	Annual Baseline of Vehicles (PM2.5, short tons)	Lifetime Baseline of Vehicles (PM2.5, short tons)
312,658.00	0.0097719	0.058631401

Percent Reduced (PM2.5, %)	Baseline of Vehicles Retrofitted per year (PM2.5, short tons/year)	Amount Reduced per Year (PM2.5, short tons)
97.40%	0.0098	0.0095

Lifetime Baseline of Vehicles Retrofitted (PM2.5, short tons)	Lifetime Amount Reduced (PM2.5, short tons)	Lifetime Amount Emitted After Retrofit, Retrofitted Vehicles (PM2.5, short tons)
0.0586	0.0571	0.0015

Capital Cost Effectiveness (\$/short ton), Retrofitted Vehicles (PM2.5)	Annual Baseline of Vehicles (HC, short tons)	Lifetime Baseline of Vehicles (HC, short tons)
2,869,824.08	0.012036691	0.072220146

Percent Reduced (HC, %)	Baseline of Vehicles Retrofitted per year (HC, short tons/year)	Amount Reduced per Year(HC, short tons)
89.70%	0.012	0.0108

Lifetime Baseline of Vehicles Retrofitted (HC, short tons)	Lifetime Amount Reduced (HC, short tons)	Lifetime Amount Emitted After Retrofit, Retrofitted Vehicles (HC, short tons)
0.0722	0.0648	0.0074

Capital Cost Effectiveness (\$/short ton), Retrofitted Vehicles (HC)	Annual Baseline of Vehicles (CO, short tons)	Lifetime Baseline of Vehicles (CO, short tons)
2,529,843.78	0.044855312	0.269131872

Percent Reduced (CO, %)	Baseline of Vehicles Retrofitted per year (CO, short tons/year)	Amount Reduced per Year(CO, short tons)
89.40%	0.0449	0.0401

Lifetime Baseline of Vehicles Retrofitted (CO, short tons)	Lifetime Amount Reduced (CO, short tons)	Lifetime Amount Emitted After Retrofit, Retrofitted Vehicles (CO, short tons)
0.2691	0.2406	0.0285

Capital Cost Effectiveness (\$/short ton), Retrofitted Vehicles (CO)	Annual Baseline of Vehicles (CO2, short tons)	Lifetime Baseline of Vehicles (CO2, short tons)
681,148.58	16.45875	98.7525

Percent Reduced (CO2, %)	Baseline of Vehicles Retrofitted per year (CO2, short tons/year)	Amount Reduced per Year(CO2, short tons)
15.00%	16.4588	2.475

Lifetime Baseline of Vehicles Retrofitted (CO2, short tons)	Lifetime Amount Reduced (CO2, short tons)	Lifetime Amount Emitted After Retrofit, Retrofitted Vehicles (CO2, short tons)
98.7525	14.85	83.9025

Capital Cost Effectiveness (\$/short ton), Retrofitted Vehicles (CO2)
11,036.16

# Results

The table below shows the estimated PM2.5 reductions and health benefits by county and as a total for your project. Results are based on the inputs you have entered.

Annual Benefits represent the dollar value of health benefits resulting from reduced exposure to PM2.5. These benefits include the reduction of premature mortality, chronic bronchitis, asthma attacks, non-fatal heart attacks, and other health problems. The dollar values are based on studies used by EPA when estimating the health benefits of environmental rules.

Annualized Costs are based on the unit and labor costs you have entered. They have been annualized over the remaining life of the upgraded fleet.

## Health Benefits Results

County and State	Annual Diesel PM2.5 Reduction (short tons)	Annual Benefits	Annualized Unit & Labor Costs
New London, Connecticut	0.010	\$8,400	-
<b>Total</b>	0.010	\$8,400	\$30,000

**Fleet Information**

Vehicle Class Number	Model Year	Sector	Vehicle/Equipment Code	Technology	Number of Vehicles Retrofitted
1	2006	Short Haul - Single Unit	Class 8	Vehicle Replacement - Diesel	1

**Health Impacts Allocation**

County and State	Percent Reduction
New London, Connecticut	100%

**Health Impacts Estimation Tool Results**

County and State	Annual Diesel PM2.5 Reduction (short tons)	Annual Cost	Annual Benefits
New London, Connecticut	0.0095	-	\$8,400
<b>Total</b>	0.0095	\$30,000	\$8,400

**Attachment G - Procedure for Public Availability of Documentation**

**Mashantucket Pequot Tribal Nation**  
**Notice of Policy to Make D-3 and D-4 of the Volkswagen Settlement Publicly Available**

Pursuant to Section #7 of the D-3, and as stated in our D-4 application, and as indicted by the Trust Settlement, the Mashantucket Pequot Tribal Nation will make copies of the D-3 and D-4 application resources and all their attachments publicly available through the following measures:

- 1) Both the D-3 and the D-4 will be posted to our Tribal Community website via either MPTN GovNet "<http://govnet.mptn.org/Pages/GovNetWelcome.aspx>" (public-facing) our MPTN FoxNet website "<http://foxnet.mptn.org/Pages/default.aspx>" (public-facing) tribal community/government website; or Pequot-At-Home "<https://www.pequotathome.net>" (public-facing) tribal community website.
- 2) Copies of the D-3 and D-4 will be posted in our monthly tribal newsletter
- 3) Hard copies of the D-3 and D-4 will be posted in our Tribal Community Center entranceway and lobby for tribal members to review
- 4) Copies of the D-3 and D-4 will be shared with Tribal Council including the Chairman, Public Works Department, and the Office of the Chief of Staff
- 5) Hard copies of the D-3 and D-4 will be posted at the Public Works Department Administration Office.
- 6) Quarterly reports as required by the Trustee or the Court in accordance with Tribal policy

No confidential or personally identifiable information will be posted in any public notification from the Tribe pursuant to Tribal and Federal policies. All tribal laws regarding publicly available documentation requirements and policies will be followed.

As outlined above, the D-3, D-4, reports, and all documentation pertaining to the EMA projects will be available to the public. Contact information for the Public Works Director, Keith Gove, from the Public Works Department (Lead Agency) will be posted on the website listing for any community members who have questions or request documentation pertaining to the EMA project of information pertaining to the Mitigation Settlement.

MPTN will maintain and make publicly available all documentation submitted in support of the funding request, as well as records supporting all expenditures of EMA funds, subject to approved MPTN Tribal policies, procedures and law. No confidential or personally identifiable information will be posted in any public notification from the Tribe pursuant to Tribal and Federal policies. All tribal laws regarding publicly available documentation requirements and policies will be followed.

Any questions regarding documents posted for public participation will be directed to the Lead Agency, MPTN Public Works Department to the MPTN Public Works Director. The public will be allowed to submit questions directly to the Public Works Director via email or will be able to call the Public Works Department to talk to the Public Works Director directly. Public Works will endeavor to answer public inquiries immediately but no later than 7 days. If copies of documents are requested Public Works will provide the individuals' copies of all requested documents in the earliest manner possible.

**Attachment H - MPTN Reservation GIS Map**



