

APPENDIX D-4
Beneficiary Eligible Mitigation Action Certification

BENEFICIARY ELIGIBLE MITIGATION ACTION CERTIFICATION

Beneficiary State of Ohio

Lead Agency Authorized to Act on Behalf of the Beneficiary Ohio Environmental Protection Agency
(Any authorized person with delegation of such authority to direct the Trustee delivered to the Trustee pursuant to a Delegation of Authority and Certificate of Incumbency)

| | |
|---|--|
| Action Title: | Class 8 Local Freight Trucks |
| Beneficiary's Project ID: | Class 8 Trucks 2018 project awards |
| Funding Request No. | <i>(sequential)</i> 4 |
| Request Type: (select one or more) | <input type="checkbox"/> Reimbursement <input checked="" type="checkbox"/> Advance <input type="checkbox"/> Other (specify): _____ |
| Payment to be made to: (select one or more) | <input checked="" type="checkbox"/> Beneficiary <input type="checkbox"/> Other (specify): _____ |
| Funding Request & Direction (Attachment A) | <input checked="" type="checkbox"/> Attached to this Certification <input type="checkbox"/> To be Provided Separately |

SUMMARY

| |
|---|
| Eligible Mitigation Action <input checked="" type="checkbox"/> Appendix D-2 item (specify): <u>1</u> Action Type <input type="checkbox"/> Item 10 - DERA Option (5.2.12) (specify and attach DERA Proposal): |
| Explanation of how funding request fits into Beneficiary's Mitigation Plan (5.2.1): See Attached. |
| Detailed Description of Mitigation Action Item Including Community and Air Quality Benefits (5.2.2): See Attached |
| Estimate of Anticipated NOx Reductions (5.2.3): See Attached |
| Identification of Governmental Entity Responsible for Reviewing and Auditing Expenditures of Eligible Mitigation Action Funds to Ensure Compliance with Applicable Law (5.2.7.1): See Attached |
| Describe how the Beneficiary will make documentation publicly available (5.2.7.2). See Attached |
| Describe any cost share requirement to be placed on each NOx source proposed to be mitigated (5.2.8). See attached |
| Describe how the Beneficiary complied with subparagraph 4.2.8, related to notice to U.S. Government Agencies (5.2.9). See Attached |

If applicable, describe how the mitigation action will mitigate the impacts of NOx emissions on communities that have historically borne a disproportionate share of the adverse impacts of such emissions (5.2.10).
See attached

ATTACHMENTS
(CHECK BOX IF ATTACHED)

- Attachment A Funding Request and Direction.
- Attachment B Eligible Mitigation Action Management Plan Including Detailed Budget and Implementation and Expenditures Timeline (5.2.4).
- Attachment C Detailed Plan for Reporting on Eligible Mitigation Action Implementation (5.2.11).
- Attachment D Detailed cost estimates from selected or potential vendors for each proposed expenditure exceeding \$25,000 (5.2.6). [Attach only if project involves vendor expenditures exceeding \$25,000.]
- Attachment E DERA Option (5.2.12). [Attach only if using DERA option.]
- Attachment F Attachment specifying amount of requested funding to be debited against each beneficiary's allocation (5.2.13). [Attach only if this is a joint application involving multiple beneficiaries.]

CERTIFICATIONS

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

1. This application is submitted on behalf of Beneficiary State of Ohio, 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: 1/1/20

Laurie A. Stevenson Laurie A. Stevenson, Director

[NAME]

[TITLE]

Ohio Environmental Protection Agency

[LEAD AGENCY]

for

State of Ohio

[BENEFICIARY]

**Beneficiary Eligible Mitigation Action Certification
Supplemental Information (Attachments A, B, C and D)
Beneficiary: State of Ohio
Lead Agency: Ohio Environmental Protection Agency
In support of Funding Request No. 4**

**ATTACHMENT A
Funding Request and Direction**

Eligible Mitigation Action Type **Appendix D-2 item (specify): 1**
Class 8 Local Freight Trucks (Eligible Large Trucks)

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

Ohio’s BMP filed May 31, 2018 allocates \$40 million to the replacement or repower of on-road diesel fleets, including specifically \$10,000,000 for class 4-7 and class 8 local freight and port drayage trucks. Ohio’s BMP anticipated awarding competitive grants for these trucks in each of the first three years of the program (2018-2020), based on cost effectiveness of NOx emission reductions. From applications submitted in 2018, \$2,477,908 was awarded for class 8 local freight truck replacements. These projects will replace class 8 (heavy heavy duty) local freight trucks operating in counties identified in Ohio’s BMP as first priority for receiving funding. These counties had all been designated by U.S. EPA as in nonattainment of the national air quality standard for ozone, although the central Ohio counties were since redesignated by US EPA in 2019 from nonattainment to maintenance of the national ozone standard. Two of the first priority counties are also in nonattainment of the standard for fine particulates (PM_{2.5}). Improving air quality in these nonattainment counties to meet federal air quality standards under the Clean Air Act is the overriding concern of Ohio EPA in prioritizing where funded Mitigation Actions should be located.

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

Ohio continues to emphasize the repower or replacement of aging diesel vehicles in densely populated urban areas as a major focus for expenditure. These areas have been disproportionately affected by the pollutants in diesel exhaust, including Cleveland, Columbus, and the Cincinnati-Dayton corridor.

In the competitive grant application cycle that closed August 3, 2018, Ohio EPA received 63 applications requesting \$15,904,906 for eligible large (class 8) and medium (class 4-7) truck replacement projects. Ohio EPA did not receive any grant applications for port drayage trucks. Ohio EPA used US EPA’s [Diesel Emission Quantifier](#) (DEQ) tool to select the seven most cost effective projects for full or partial funding to reduce emissions from eligible class 8 trucks operating in Ohio’s first priority counties. Some fleets requested vehicles in both first and second priority counties, but were awarded funds only for those vehicles operating in first priority counties during the 2018 grant cycle. These awards total \$2,477,908, to permanently remove from service 84 model year 1996-2009 eligible large diesel trucks and replace them with 61 model 2019-2020 new clean diesel trucks and 23 new trucks powered by compressed natural gas. The total lifetime emission reductions (in short tons) estimated for these projects are: NOx, 30.404; PM_{2.5}, 1.809; HC, 1.835; and CO, 10.185. DEQ estimates for annual emission reductions for each selected project are listed on the attached spreadsheet. The trucks selected for replacement are

operating daily or near daily schedules in Ohio neighborhoods, delivering food and fuel, collecting refuse and recyclables, and maintaining roads and highways.

All new eligible large truck models proposed by Ohio grant applicants as replacements must have a Certificate of Conformity issued by U.S. EPA, or the equivalent Executive Order issued by the California Air Resources Board, certifying that the new engine meets federal emission standards for the applicable model year.

Contracts have been executed with these grant recipients, and Ohio EPA issued authorizations to initiate purchasing once recipients provide acceptable documentation that they are using a competitive procurement process that meets state requirements. The earliest projects began to take delivery of new trucks and decommission the old trucks beginning in the summer of 2019. Ohio EPA expects to receive reimbursement requests from these grant recipients throughout the remainder of 2019 and 2020. A few fleets in both the public and private sectors requested to spread their purchases across two or three calendar years, for budgetary reasons. Ohio EPA issues grant contracts for 24-month or 36-month project periods, to accommodate these requests and anticipated time needed to complete competitive procurement and take delivery of new vehicles from manufacturers. Ohio EPA's administrative costs related to eligible large truck projects began in the first half of calendar 2018, as we advised prospective grant applicants and developed, tested and deployed Ohio's grant application software for the first cycle that opened in June 2018. We have logged many hours of personnel time assisting grant applicants in this EMA category, reviewing applications, preparing contracts, and reviewing bid packages for competitive procurement. We began site visits to funded projects in the summer of 2019, to observe and help document proper destruction of the old engines.

Ohio's Beneficiary Mitigation Plan estimates our administrative costs at \$5.05 million, or 7% of the state's total allocation. This request includes \$173,454 (7% of \$2,477,908) for administrative costs, which will be itemized in the required semi-annual reports to the Trustee in terms of staff hours, equipment and travel costs incurred in reviewing applications for eligible large truck replacement projects and overseeing implementation of the selected large truck projects.

Ohio EPA expects to award additional grants for projects in this category in the 2019 and again in the 2020 Ohio grant cycles. The Projected Trust Allocations Table in Attachment B includes anticipated additional funding requests for eligible large trucks. Ohio EPA is preparing to submit a separate funding request to the Trustee for class 4-7 local freight truck replacement projects (medium trucks) that successfully applied in Ohio's 2018 grant cycle.

Estimate of Anticipated NOx Reductions (5.2.3)

It is estimated that these combined eligible large truck replacements will mitigate 30.404 short tons of NOx. Ohio EPA's Diesel Emission Quantifier estimates for each project are included in the attached supporting documentation, for NOx and other pollutants.

Identification of Governmental Entity Responsible for Reviewing and Auditing Expenditure of Eligible Mitigation Action Funds to Ensure Compliance with Applicable Law (5.2.7.1)

The Ohio Environmental Protection Agency.

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

The Ohio Environmental Protection Agency, as the lead agency for the State of Ohio implementing the Beneficiary Mitigation Plan, is committed to maintaining and making publicly available all documentation submitted in support of the funding requests 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. Ohio EPA is subject to Ohio public records requirements in chapter 149 of the Ohio Revised Code, and also to requirements in Ohio Revised Code Section 125.112 that state agencies post all grant awards above \$25,000 on a public-facing website.

Ohio EPA has established a webpage on the VW Settlement and mitigation actions, <https://epa.ohio.gov/oee/#131365122-vw-mitigation-grants>. This site includes Ohio's Beneficiary Mitigation Plan; public comments received during Plan development and Ohio EPA's response; the most current Request for Proposals and grant application guidelines; slides and recordings from two webinars for prospective grant applicants; posted questions and answers compiled from email and telephone inquiries received by Ohio EPA during the grant application cycle; a rank ordering of all 117 applications received by cost effectiveness of the projected emission reductions; short descriptions of all projects selected for funding; and a chart of Ohio planned allocations by sector and amounts awarded in 2018. To facilitate public record and file review requests, Ohio EPA is preparing the selected grant applications for posting to the Agency's online searchable eDocument database at <https://epa.ohio.gov/dir/publicrecords#lt-112012639-edocument-search>.

During development of Ohio's draft Beneficiary Mitigation Plan in 2016, Ohio EPA issued news releases and sent an initial email announcement inviting comments to 20,355 addresses from all the Agency's mailing lists. From that effort, Ohio EPA developed and currently maintains an electronic listserv, open to the public, to communicate news, events, and information specifically about Mitigation Trust Fund and other diesel emission reduction grant application opportunities and awarded projects. The listserv currently includes contact information for more than 4,300 individuals. On October 23, 2018, Ohio EPA issued a news release and emailed this list-serv to announce the first 21 fleet projects awarded grants from Ohio's Mitigation Trust Fund. This information is also shared through partner organizations such as the Ohio School Boards Association, Ohio Public Transit Association, Ohio Trucking Association, regional planning agencies, Clean Fuels Ohio (Ohio's US DOE Clean Cities affiliate), the Midwest Clean Diesel Initiative coordinated by US EPA Region 5 in Chicago, and the national VW Settlement Clearinghouse and VW Settlement state and local programs website maintained by NASEO and NACAA.

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

Ohio Environmental Mitigation Funds will provide up to 75% or a maximum of \$150,000 for replacement of a government-owned truck, and up to 25% or a maximum of \$150,000 for replacement of a non-government owned truck. Recipients provide the balance. The percentage and dollar amounts for each of the seven awarded large truck replacement projects are detailed on the attached list.

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

On February 23, 2018, Ohio EPA provided notice, via letter and email, of availability of Mitigation Action Funds to all the parties named in 4.2.8, as well as the Wright-Patterson Air Force Base (WPAFB) Civil Engineer Group, the WPAFB Environmental Branch, both in Dayton, and the U.S. Army Corps of Engineers Great Lakes and Ohio River Division in Cincinnati. The notification to the U.S. Fish and Wildlife Service was copied to the Ottawa National Wildlife Refuge in Oak Harbor, Ohio. Notification to the U.S. Forest Service was copied to the Wayne National Forest headquarters in Nelsonville, Ohio. Notification to the National Park Service was copied to the Cuyahoga Valley National Park office in Brecksville, Ohio. The notice included a summary description of the Volkswagen Settlement including links to Appendix D-2 and Ohio's at-that-time Draft Beneficiary Mitigation Plan with a listing of Eligible Mitigation Actions, an explanation of how Ohio EPA would evaluate grant applications, and instructions to sign up for notification about implementation of Ohio's BMP, funding opportunities and application guidelines for the program in Ohio.

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).

This program will reduce emission exposures of individuals operating these trucks, residents of the Ohio neighborhoods and communities where they operate, as well as individuals who are themselves in the roadway travelling behind the trucks and individuals either living, working or simply occupying areas near public rights of way where these trucks operate. These trucks are operating in fourteen Ohio counties that have all been designated as first priority for receiving Environmental Mitigation Funds based on the following considerations:

- air quality (Ohio counties of concern due to nonattainment of national air quality standards for ozone and PM_{2.5});
- historical levels of diesel emissions;
- the location of concentrated sources of air pollution such as distribution centers, multimodal centers, ports, rail and bus terminals and airports;
- the counties where the most VW vehicles equipped with defeat devices were registered in Ohio; and
- county overlays using U.S. EPA's *EJScreen: Environmental Justice Screening and Mapping Tool*.

ATTACHMENT B

Eligible Mitigation Action Management Plan, Including Detailed Budget and Implementation and Expenditures Timeline (5.2.4)

**Project Management Plan
Project Schedule and Milestones**

| Milestone | Date |
|---|--|
| Development of Ohio EPA online grant application software | CY 2018, Q1-Q2 |
| 2018 Request for Proposals opens | CY 2018, Q2 |
| Project Sponsors submit grant applications to Ohio EPA | CY 2018, Q3 |
| Ohio EPA announces 2018 grant awards including \$2,287,125 in large local freight truck replacement projects | CY 2018, Q4 |
| Grant agreements signed with seven 2018 grant recipients for 24- or 36-month project timelines | CY 2018 Q4, CY 2019 Q1 and Q2 |
| Grant Recipients submit competitive procurement plans to Ohio EPA for approval | CY 2019, Q1 and Q2 |
| Recipients complete procurement and submit purchase orders | CY 2019m Q1-Q3 |
| 2019 Request for Proposals opens | CY 2019 Q2 |
| Trucks delivered for 2018 grant recipients | CY 2019 Q2-Q4, CY2020 Q1-Q4, CY 2021, Q1-Q4 |
| 2018 grant recipients submit evidence of truck engine scrapping, invoices and documents required for reimbursement | CY 2019 Q3 – CY 2021 Q3 |
| Ohio EPA reviews, requests corrections if necessary, certifies project completion, provides reimbursement for 2018 grant recipients | CY 2019 Q2 – CY 2021 Q4 |
| Ohio EPA announces 2019 grant awards for additional large local freight truck replacement projects | CY 2019 Q4 |
| 2020 Request for Proposals opens | CY 2020 Q2 |
| Ohio EPA announces 2020 grant awards for additional large local freight truck replacement projects if sufficient funds remain. | CY 2020 Q4 |
| Ohio EPA reports to Trustee on status of and expenditures with Mitigation Actions completed and underway | Within 6 months of first disbursement; January 30 and July 30 thereafter |

PROJECT BUDGET

| Period of Performance for these seven grant recipients: January 2019 – December 2021 | | | |
|---|------------------------------|--|---|
| Budget Category | Total Approved Budget | Share of Total Budget to be Funded by the Trust | Cost Share, Paid by Truck Owners |
| Equipment Expenditure | \$16,091,645 | \$2,477,908 plus admin | \$13,613,997 |
| Large Truck, Coca-Cola Bottling Company | \$2,351,416 | \$587,854 (25%) | \$1,763,562 (75%) |
| Large Truck, Fairfield County Engineer | \$316,978 | \$79,244 (25%) | \$237,734 (75%) |
| Large Truck, The Kroger Co. | \$613,685 | \$150,000 (24.4%) | \$463,946 (75.6%) |
| Large Truck, Local Waste Services | \$726,848 | \$181,712 (25%) | \$545,136 (75%) |
| Large Truck, Lykins Energy Solutions | \$599,345 | \$149,836 (25%) | \$449,508 (75%) |
| Large Truck, Republic Services of Ohio Transportation | \$8,199,323 | \$573,953 (7%) | \$7,625,370 (93%) |
| Large Truck, Rumpke Transportation | \$3,284,050 | \$755,309 (23%) | \$2,528,741 (77%) |
| Contractor Support | \$0 | \$0 | \$0 |
| Subrecipient Support | \$0 | \$0 | \$0 |
| Administrative ¹ | \$173,454 | \$173,454 | \$0 |
| Project Totals | \$16,265,099 | \$2,651,362 | \$13,613,997 |
| Percentage | 100% | 16% | 84% |

¹Subject to Appendix D-2 15% administrative cap. Ohio BMP caps administrative at 7%.

PROJECTED TRUST ALLOCATIONS

| | 2019 | 2020 | 2021 |
|--|--------------------------------|--------------------------------|--------------------------------|
| 1. Anticipated Annual Project Funding Request to be paid through the Trust | \$2,651,362 | \$3,395,841 for class 8 trucks | \$2,573,567 for class 8 trucks |
| 2. Anticipated Annual Cost Share | \$13,613,997 | \$15,000,000 | \$13,500,000 |
| 3. Anticipated Total Project Funding by Year (line 1 plus line 2) | \$16,265,099 | \$18,395,841 | \$16,073,567 |
| 4. Cumulative Trustee Payments Made to Date Against Cumulative Approved Beneficiary Allocation | \$14,711,972 | \$17,363,334 | \$20,759,175 |
| 5. Current Beneficiary Project Funding to be paid through the Trust (line 1) | \$2,651,362 for class 8 trucks | \$3,395,841 for class 8 trucks | \$2,573,567 for class 8 trucks |
| 6. Total Funding Allocated to Beneficiary, including of Current Action by Year (line 4 plus line 5) | \$17,363,334 | \$20,759,175 | \$23,332,742 |
| 7. Beneficiary Share of Estimated Funds Remaining in Trust | \$60,590,551 | \$57,939,189 | \$54,543,348 |
| 8. Net Beneficiary Funds Remaining in Trust, net of cumulative Beneficiary Actions (line 7 minus line 6 5) | \$57,939,189 | \$54,543,348 | \$51,969,781 |

2019 column above includes figures for beneficiary allocations in multiple categories (school and transit buses, tugboats, GSE request pending before trustee, and this request for class 8 trucks.) 2020 and 2021 columns above include only the anticipated additional beneficiary allocations for class 8 trucks. Ohio's plan allocates a total of \$10,000,000 for class 4-7 and class 8 trucks combined, of which approximately 85% is anticipated to go for class 8 truck projects)

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

The Ohio Environmental Protection Agency will provide detailed reporting on this Category 1 Class 8 Local Freight Trucks replacement project in two ways:

- (1) Timely updates to Ohio EPA's Volkswagen Mitigation Grant webpage, <https://epa.ohio.gov/oee/#131365122-vw-mitigation-grants>; and
- (2) Ohio's semiannual reporting obligation to Wilmington Trust (the "Trustee").

Ohio EPA maintains a VW Environmental Mitigation Trust specific webpage that has been designed to support public access and limit burden for the public. The Agency is committed to maintaining and making publicly available all documentation submitted in support of the funding requests 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. Ohio EPA is subject to Ohio public records requirements in [chapter 149 of the Ohio Revised Code](#), and also to requirements in [Ohio Revised Code Section 125.112](#) that state agencies post all grant awards above \$25,000 on a public-facing website. These laws outline best practices for public access to records, and exemptions in the case of confidential business information and personally identifiable information meeting exemption criteria under the Ohio Public Records Law.

None of the information requested or received by Ohio EPA in the 2018 Mitigation Trust Fund grant cycle met the criteria under Ohio law for a trade secret exemption. To the limited extent information is submitted to Ohio EPA that meets exemption criteria under Ohio public records law, Ohio EPA will maintain that information as confidential.

To facilitate public record and file review requests, Ohio EPA is preparing the selected grant applications for posting to the Agency's online searchable eDocument database at <https://epa.ohio.gov/dir/publicrecords#lt-112012639-edocument-search>. All documentation submitted by grant recipients in support of the funding requests and all records supporting all expenditures of Eligible Mitigation Action funds will be posted to this searchable eDocument database, subject to applicable laws governing the publication of confidential business information and personally identifiable information. Records will be retained until the termination date of the Environmental Mitigation Fund or by retention schedules determined by the State Records Program under [Ohio Revised Code section 149.333](#), whichever is longer.

Subparagraph 5.3 of the Environmental Mitigation Trust Agreement for State Beneficiaries details Ohio's reporting obligations:

"For each Eligible Mitigation Action, no later than six months after receiving its first disbursement of Trust Assets, and thereafter no later than January 30 (for the preceding six-month period of July 1 to December 31) and July 30 (for the preceding six-month period of January 1 to June 30) of each year, each Beneficiary shall submit to the Trustee a semiannual report describing the progress implementing each Eligible Mitigation Action during the six-month period leading up to the reporting date (including a summary of all costs expended on the Eligible Mitigation Action through the reporting date.) Such reports shall include a complete description of the status (including actual or projected termination date), development,

implementation, and any modification of each approved Eligible Mitigation Action. Beneficiaries may group multiple Eligible Mitigation Actions and multiple sub-beneficiaries into a single report. These reports shall be signed by an official with the authority to submit the report for the Beneficiary and must contain an attestation that the information is true and correct and that the submission is made under penalty of perjury. To the extent a Beneficiary avails itself of the DERA Option described in Appendix D-2, that Beneficiary may submit its DERA Quarterly Programmatic Reports in satisfaction of its obligations under this Paragraph as to those Eligible Mitigation Actions funded through the DERA Option. The Trustee shall post each semiannual report on the State Trust's public-facing website upon receipt."

Ohio EPA shall, in the next semiannual report following the Trustee's approval of this request, describe the progress implementing this Eligible Mitigation Action that will include a summary of all costs expended on the Eligible Mitigation Action through the reporting date. The report will also include a complete description of the status, development, implementation (including project schedule and milestone updates), and any modification to this Eligible Mitigation Action.

ATTACHMENT D

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

Large Truck Replacement Projects

| Grant Applicant | New Truck Fuel Type | Number of Trucks | Quoted New Truck Cost | Awarded New Truck Cost and % |
|--|----------------------------|-------------------------|------------------------------|-------------------------------------|
| Coca-Cola Bottling Co. Consolidated | Diesel | 28 | \$83,979 ea | \$20,995 ea (25%) |
| Fairfield County Engineer | Diesel | 1 | \$116,631 ea | \$29,158 ea (25%) |
| | | 1 | \$200,347 ea | \$50,087 ea (25%) |
| The Kroger Co. | Diesel | 5 | \$122,737 ea | \$29,948 (24.4%) |
| Local Waste Services | CNG | 2 | \$363,424 ea | \$90,856 ea (25%) |
| Lykins Energy | Diesel | 3 | \$121,750 ea | \$30,437 ea (25%) |
| | | 2 | \$117,047 ea | 29,262 ea (25%) |
| Republic Services of Ohio Transportation | CNG | 11 | \$321,170 ea | \$22,482 ea (7%) |
| Republic Services of Ohio Transportation | Diesel | 21 | \$222,212 ea | \$15,555 ea (7%) |
| Rumpke Transportation Company LLC | CNG | 10 | \$328,405 ea | \$75,533 ea (23%) |

Grant applicants included quotes from truck vendors or state term competitive procurement contracts in the state of Ohio for prospective costs to purchase new vehicles by fuel and vehicle type. Ohio will be funding between 7% and 25% of the new truck cost, as requested by the applicant and depending on the eligibility of the applicant as a government-owned (up to 75%) or non-government-owned (up to 25%) fleet. These price quotes ran to several hundred pages and are not included in this request, but will soon be posted with each selected grant application to the Agency's online searchable eDocument database at <https://epa.ohio.gov/dir/publicrecords#lt-112012639-edocument-search>.



Ohio Diesel Mitigation Trust Grant Program

\$2,477,908 for Class 8 Local Freight Trucks

These grants will replace 84 old diesel trucks with 61 new clean diesel trucks and 23 new compressed natural gas trucks

Coca-Cola Bottling Company, Consolidated, Franklin, Hamilton, Lake and Summit Counties, \$587,854 for 25% of the cost to replace 28 model year 1997-2006 class 8 diesel powered local freight trucks with 28 model year 2020 class 8 diesel powered local freight trucks, #V19F-005. Contact: Ray Higgins, ray.higgins@ccbcc.com or (980) 321-3003.

Fairfield County Engineer, Fairfield County, \$79,244 for 25% of the cost to replace two model year 2001-2003 class 8 diesel powered local freight trucks with two model year 2019 class 8 diesel powered local freight trucks, #V19F-009. Contact: Jason Grubb, jgrubb@fairfieldcountyohio.gov or (740) 652-2482.

The Kroger Co, Delaware and Hamilton Counties, \$150,000 for 24% of the cost to replace 5 model year 2002-2009 class 8 diesel powered local freight trucks with five model year 2019 class 8 diesel powered local freight trucks, #V19F-013. Contact: Paul Pridemore, paul.pridemore@kroger.com or (513) 762-4308.

Local Waste Services, Franklin County, \$181,712 for 25% of the cost to replace two model year 1999 class 8 diesel powered local freight trucks with two model year 2019 class 8 CNG powered local freight trucks, #V19F-014. Contact: James Weaver, jweaver@localwasteservices.com or (614) 409-9375.

Lykins Energy Solutions, Butler, Clermont, Hamilton and Warren Counties, \$149,836 for 25% of the cost to replace five model year 1996-2001 class 8 diesel powered local freight trucks with five model year 2019-2021 class 8 diesel powered local freight trucks, #V19F-014. Contact: Jeffery Goetz, jgoetz@lykinsenergy.com or (513) 965-6266.

Republic Services of Ohio Transportation, LLC, Cuyahoga, Fairfield, Franklin, Hamilton, Lorain, Madison, Medina, Portage and Summit Counties, \$573,953 for 7% of the cost to replace 11 model year 2000-2009 class 8 diesel powered local freight trucks with 11 model year 2019 class 8 CNG powered refuse trucks, and to replace 21 model year 1998-2009 class 8 diesel powered local freight trucks with 21 model year 2019 class 8 diesel powered local freight trucks, #V19F-018. Contact: Geoff Stayer, gstayer@republicservices.com or (480) 627-7111.

Rumpke Transportation Company, LLC, Franklin and Hamilton Counties, \$755,309 for 23% of the cost to replace ten model year 1999-2001 class 8 diesel powered local freight trucks with ten model year 2019 class 8 CNG powered local freight trucks, #V19F-019. Contact: Jeff Lay, Jeffery.lay@rumpke.com or (614) 774-6282.

Ohio 2018 DMTF Projects_Class 8 Trucks

| Total Emission Reductions of NOx for Class 8 Truck Projects [tons/yr.] | 30.4 | Total Emission Reductions of all other Pollutants for all Class 8 Truck Projects [tons/yr.] | 13.8 | Total Funding Amount | \$2,477,908 | | | | | | |
|--|---|---|---|---|---|--|--|---|--|--|---------------------|
| Grant Award # | Applicant | County [1st Priority] | County [2nd Priority] | DEQ Calculation NOx Reduction (tons/yr) | DEQ Calculation PM2.5 Reduction (tons/yr) | DEQ Calculation HC Reduction (tons/yr) | DEQ Calculation CO Reduction (tons/yr) | DEQ Calculation CO ₂ Reduction (tons/yr) | Sum Total of NOx, PM2.5, HC, & CO Reductions (tons/yr) | Cost-Effectiveness (Funded Amount/Sum Total of NOx, PM2.5, HC & CO reductions) (\$/ton) | Funding Amount (\$) |
| V19F-009 | Fairfield County Engineer | Fairfield | | 0.581 | 0.048 | 0.058 | 0.249 | 0.000 | 0.936 | \$84,662.39 | \$79,244 |
| V19F-014 | Lykins Energy Solutions | Hamilton, Clermont | | 4.179 | 0.194 | 0.206 | 1.170 | 0.000 | 5.749 | \$26,062.97 | \$149,836 |
| V19F-005 | Coca-Cola Bottling Company | Franklin | | 8.352 | 0.826 | 0.766 | 4.618 | 0.000 | 14.562 | \$40,369.03 | \$567,854 |
| V19F-013 | The Kroger Company | Delaware, Hamilton | | 2.295 | 0.134 | 0.121 | 0.512 | 0.000 | 3.062 | \$48,987.59 | \$150,000 |
| V19F-014 | Local Waste Services | Franklin | | 2.050 | 0.093 | 0.112 | 0.591 | 0.000 | 2.846 | \$63,848.21 | \$181,712 |
| V19F-018 | Republic Services of Ohio Transportation, LLC | Cuyahoga, Fairfield, Franklin, Hamilton, Lorain, Madison, Medina, Portage and Summit | | 7.676 | 0.281 | 0.297 | 1.504 | 0.000 | 9.758 | \$68,818.71 | \$573,953 |
| V19F-019 | Rumpke Transportation | Franklin, Hamilton | | 5.271 | 0.233 | 0.275 | 1.541 | 0.000 | 7.320 | \$103,184.29 | \$755,309 |
| TOTAL: | | | | 30.404 | 1.809 | 1.835 | 10.185 | 0.000 | 44.233 | | \$2,477,908 |

