

NJ Clean Construction Program



INDUSTRIAL STAKEHOLDER MEETING
JUNE 2, 2017

Diesel particulate matter consists of very small particles (less than 2.5 micrometers - much smaller than the width of a human hair)

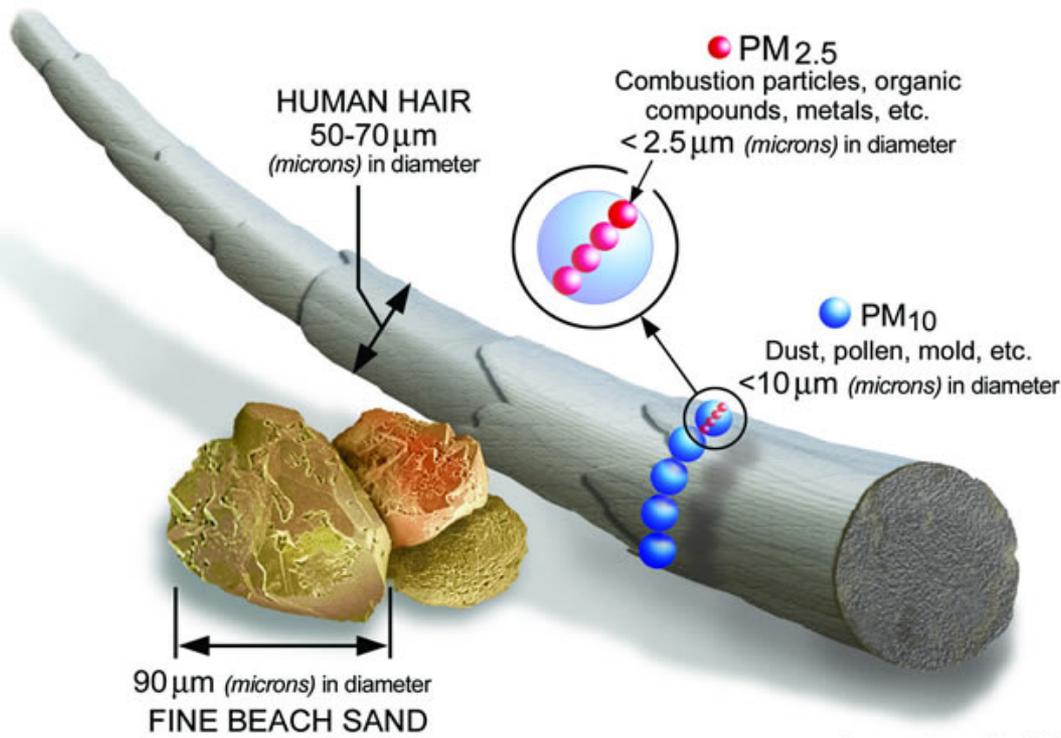
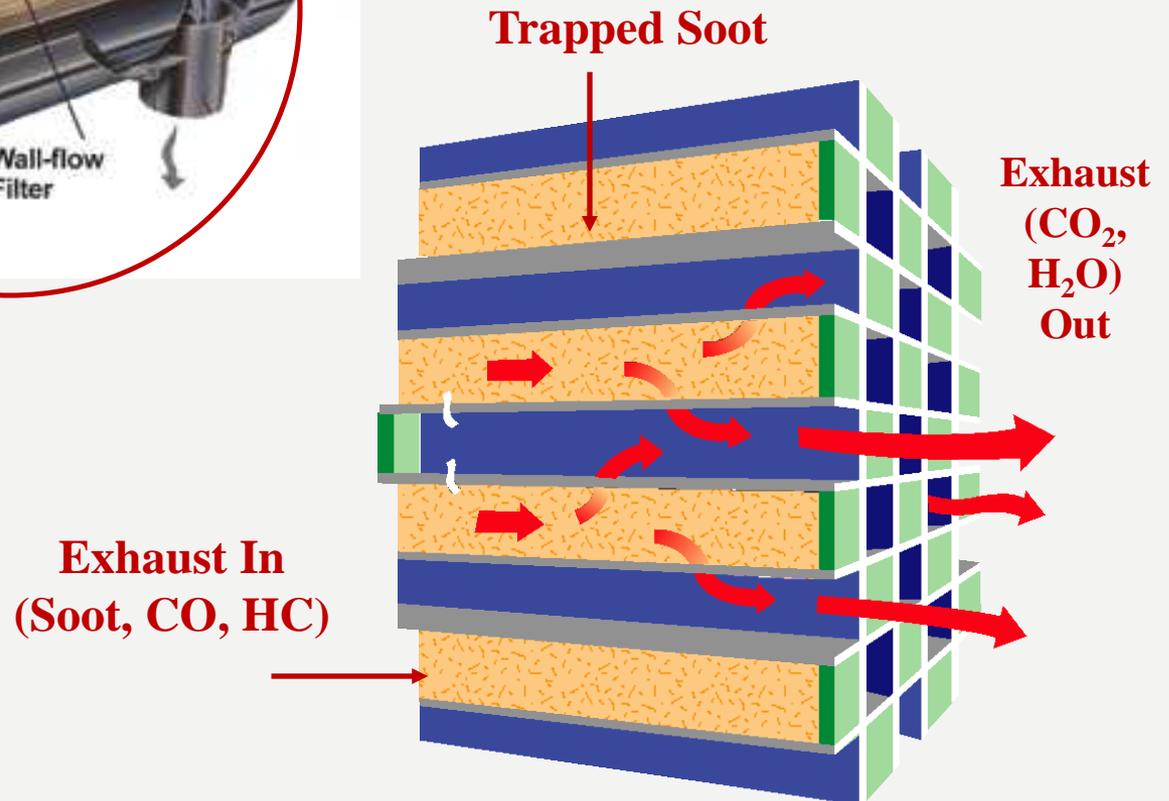
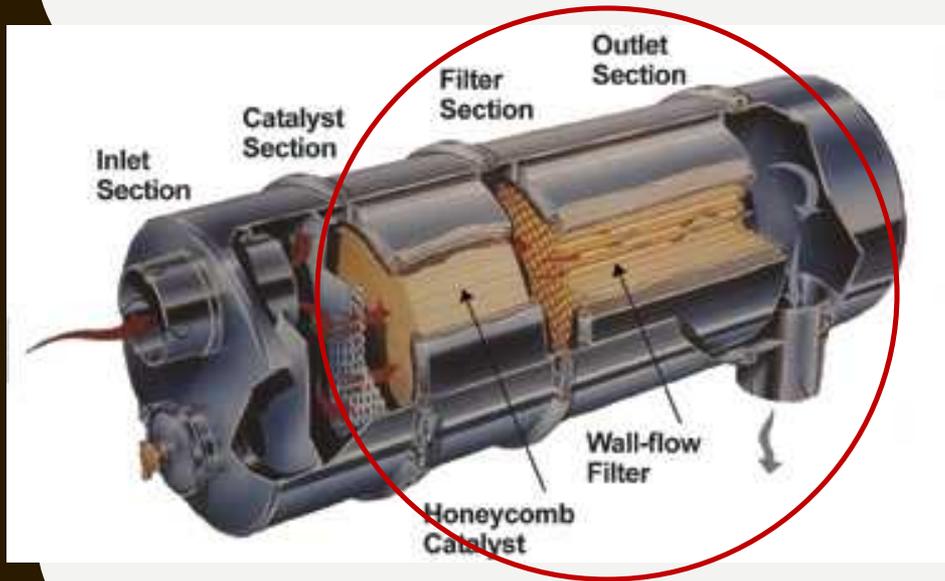


Image courtesy of the U.S. EPA

- The USEPA classifies diesel particulate matter as a probable human carcinogen .
- Diesel exhaust contributes the highest cancer risk of all air Toxics in the State of New Jersey.
- Diesel particulate matter can cause or aggravate a number of health problems and has been linked with illnesses and deaths from heart and lung disease.
- PM_{2.5} costs more than \$100,000 per ton in health costs (not including premature death).

DIESEL PARTICULATE FILTERS (DPF)



DPF SPECIFICS

- **DPF capabilities**

- PM - 85 to 90% reduction
- CO & HC - 70-90% reduction

- **Retrofit Technology Check List**

- Generally, MY1994 and newer
- Properly sized control systems ensure low back pressure and maximum performance
- Vehicle Integration
 - Space, accessibility and exhaust temperature are important vehicle integration issues
 - Devices are often installed in-line or as a muffler replacement

What's available?

NJDEP has ~ \$8 million available for construction retrofits and replacements through 2020. Funding is tied to geographic regions.

- \$4.6 million for construction retrofits
 - DEP pays for 100% cost of the retrofit and labor
 - Maintenance costs are the equipment owners responsibility
- \$3.5 million for construction replacements
 - DEP pays for 25-30% of a new piece of equipment up to \$100,000
 - New equipment must be the same type with equivalent HP
 - Newest Tier equipment available
 - Old piece of equipment must be scrapped

Federal money available through various grant processes

Interested in retrofits?

Step 1

- Visit www.stopthesoot.org/eoi.htm
- Complete the Inventory and Reporting Spreadsheet (make sure to fill out BOTH the project narrative and equipment description tabs) electronically
- Submit this information to NJDEP Amy.Hillman@dep.nj.gov
- DEP will evaluate and advise the equipment owner of the outcome.

Step 2

- Equipment owner selects an Authorized Installer (list in on the website) and submits the Inventory and Reporting Spreadsheet to them.

Step 3

- The authorized installer will evaluate the equipment and get approval from DEP.

Step 4

- Equipment owner will work with the authorized installer to perform technical evaluation. If all test results are acceptable the retrofit device will be ordered and installation will be scheduled.



State of New Jersey

Chris Christie
Governor

Kim Guadagno
Lt. Governor

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www.StopTheSoot.org

Bob Martin
Commissioner

Authorized Non-Road Retrofit Installers for the New Jersey Clean Construction Program (State Contract # T-3039) Effective May 2016

	Retrofit Devices On Contract	Mobile Installation	Contact Person	Contact Information	Satellite Locations
Cummins Power Systems, LLC 155 Rittenhouse Circle Bristol, PA 19007	ESW Phoenix ESW Skyline ESW ThermaCat	Yes	Mark K. Creasy	Phone#570-784-1772 Fax # 570-505-3051 E-mail: Mark.K.Creasy@cummins.com	41-85 Doremus Ave, Newark, NJ 2727 Ford Road, Bristol, PA
Foley Incorporated 855 Centennial Avenue PO Box 1555 Piscataway, NJ 08855	DCL Mine-X Sootfilter ESW Phoenix ESW Skyline ESW ThermaCat	Yes	Paul Kirchberger	Phone #732-261-8406 Fax # 732-885-3159 E-mail: PKirchberger@foleyinc.com	978 Rt. 33 East, Monroe Twp, NJ 833 Centennial Avenue, Piscataway, NJ
Johnson and Towers 2021 Briggs Road Mount Laurel, NJ 08054	DCL Mine-X Sootfilter ESW Phoenix ESW Skyline ESW ThermaCat Huss MK-System	Yes	Walt Johnson IV	Phone#856-234-6990 Fax # 856-222-2402 E-mail: WJohnsonIV@johnsontowers.com	2701 Fire Road, Egg Harbor, NJ
			Paul Prior	Phone#609-272-1415 E-mail: PPrior@johnsontowers.com	
Stewart & Stevenson Power Products LLC 180 Route 17 South Lodi, NJ 07644	DCL Mine-X Sootfilter ESW Phoenix ESW Skyline ESW ThermaCat Huss MK-System	Yes	Rich Weber	Phone #201-923-8733 Fax # 732-424-2727 E-mail: R.WeberJr@ssss.com	169 Old New Brunswick Road, Piscataway, NJ
Ward Clean Air Products 1580 Lake Street Elmira, NY 14901	CDTi Purifilter OR DCL Mine-X Sootfilter Huss MK-System	All installations are mobile on site	Brandon Carlisle	Phone#800-845-4665 Fax# 607-739-7092 Email: Brandon.Carlisle@warddiesel.com	

Interested in replacements?

Step 1

- Visit www.stopthesoot.org/eoi.htm
- Complete the Inventory and Reporting Spreadsheet (make sure to fill out BOTH the project narrative and equipment description tabs) electronically
- Submit this information to NJDEP Amy.Hillman@dep.nj.gov
- DEP will evaluate and advise the equipment owner of the outcome.

Step 2

- Equipment owner must obtain a minimum of 3 quotes from different vendors of their choice for new, Tier 4 replacement equipment. These replacement pieces must be of the same type and size as the equipment being replaced, at approximately the same horsepower.

Step 3

- The equipment owner, in conjunction with DEP, will select one of the quotes that meet the criteria. The equipment owner and DEP will complete a State Contract to allow the purchase. DEP will issue a letter to the equipment owner identifying the approved quote.

Step 4

- Once the equipment has been purchased, the equipment owner, must submit to DEP:
 - The original quote
 - Quote approval letter
 - Supplier invoice
 - Proof of payment
 - Proof that the piece of equipment being replaced has been rendered unusable (holes drilled into the engine block, etc.)
 - o Photos
 - o Post Installation Verification Form – Replacements

Questions?

Contacts

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