



ENVIRONMENTAL SOIL MANAGEMENT RESEARCH PERMIT APPLICATION PUBLIC PARTICIPATION PLAN

This online repository, including the documents provided by the links below, have been developed in accordance with New York State Department of Environmental Conservation (NYSDEC) **Commissioner Policy 29, Environmental Justice and Permitting CP-29, Section V(D)**, to help ensure meaningful and effective public participation throughout the NYSDEC research permit review process.

ESMI, a Clean Earth Company, submitted an application to the NYSDEC for a Research, Development & Demonstration (RD&D) permit. Upon satisfaction of all application requirements, ESMI anticipates that a RD&D permit for this project will be issued by the State under authority granted by New York Codes, Rules, and Regulations Title 6 § 360.18 (Solid Waste) and Title 6 § 201-1.16 (Air Resources). These regulations allow NYSDEC to issue short-term research permits to test innovative technologies while simultaneously ensuring public health and the environment is protected.

ESMI intends to conduct a short-term project treating a maximum of 5,000-tons of PFAS contaminated soil. It is anticipated that this testing will take approximately two weeks of actual operation. There have been numerous studies showing the

effectiveness of thermal desorption for the treatment of PFAS (see Appendix A of the permit application), including the United States Environmental Protection Agency (USEPA) and Department of Defense (DoD) lab and bench scale research. The State of Alaska has also permitted two companies to utilize thermal desorption units for the treatment of PFAS contaminated soil.

During this project, ESMI will corroborate the USEPA's and DoD's research at full-scale and further the science associated with full-scale operations. Monitoring and validation testing will include laboratory analysis on the soil, both pre- and post-treatment and air emissions testing generated during the project. All testing protocols will be completed as approved by NYSDEC.

DOCUMENT LIBRARY

CLEAN EARTH / ESMI OF NEW YORK RD&D PERMIT APPLICATION #5-5330-00038/00027

INVITATION TO ATTEND A PUBLIC INFORMATION MEETING

Wed., June 18, 2025 | 6:00 – 8:00 pm EST
Hudson Falls High School
80 E. Labarge St., Hudson Falls, NY 12839

Virtual attendees may join via the following URL:
<https://us06web.zoom.us/j/87882259942>
 or by calling: (646) 931-3860 | Webinar ID: 878 8225 9942

YOUR ATTENDANCE IS IMPORTANT!

At the meeting, YOU will:

- Receive information, along with your Hudson Falls and Fort Edward neighbors, about the permit application for a two-week RD&D project
- Understand the proposed project timelines and important milestones
- Provide an opportunity for YOU to ask questions

The reverse side of this postcard contains additional information about the proposed project for which Clean Earth / ESMI is pursuing the research, development & demonstration (RD&D) permit

For more information, please review the Public Participation Plan website by scanning this code or going to:

<https://Pages.CleanEarthinc.com/New-York-ppp>



CleanEarth•

ESMI OF NEW YORK

304 Towpath Lane
 Fort Edward, NY 12828

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PERMIT/PROJECT INFORMATION

A Public Participation Plan, per NYSDEC Commission Policy 29 (CP-29) Environmental Justice and Permitting, plus project-specific documents are available at the following website: <https://Pages.CleanEarthinc.com/New-York-ppp>

WHAT IS THE PROPOSED PROJECT?

- ESMI would conduct a short-term test treating 5,000 tons of PFAS contaminated soil.
- Testing would occur under NYSDEC RD&D Permit approval and last approximately two weeks.
- All NYSDEC approved emissions and soil sampling will be completed by third-party accredited laboratories.

WHAT IS THE PROJECT'S PURPOSE AND IMPORTANCE?

- The project intends to demonstrate that thermal desorption can treat soil to meet NYSDEC PFAS soil clean-up objectives, and that thermal oxidation destroys PFAS and controls products of its incomplete destruction.
- This research will help to ensure New York State has the science necessary to develop safe PFAS clean-up regulations.

HOW MIGHT THE PROJECT AFFECT THE COMMUNITY?

- EPA Models demonstrate that PFAS, hydrofluoric acid (HF), and tetrafluoromethane (CF₄) emissions are below NYSDEC health-based ambient air quality standards.
- There will be no additional noise, odor, light, or construction activities associated with the project.

IF I CAN'T ATTEND ON JUNE 18, HOW CAN I ASK A QUESTION?

- Prior to June 25, questions can be emailed to information@cleaneearthinc.com, asked by phone at (877) 685-8312, or entered into a form on the website: <https://Pages.CleanEarthinc.com/New-York-ppp>

**For more
information,
contact:**

Clean Earth / ESMI – Rob Martin at (877) 685-8312, rmartin@cleaneearthinc.com
 or in writing: ATTN: Public Participation Plan, 304 Towpath Lane, Fort Edward, NY 12828
 NYDEC Region 5 Warrensburg Sub-Office – Beth Magee at (518) 623-1283,
beth.magee@dec.ny.gov or in writing: 232 Golf Course Road, Warrensburg NY, 12885

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Fort Edward Fact Sheet

Public Participation Plan

Public Participation Plan Mailing Information	RD&D Permit Application: 1 – ESMI of NY RD_D PFAS Submittal_Final_122923
RD&D Permit Application: 2 – Notice of Incomplete Application_March 15 2024	RD&D Permit Application: 3 - ESMI of NY RD_D PFAS Incomplete Application Response_April 15 2024
RD&D Permit Application: 4 - NYSDEC Comments to April 15 2024 Response	RD&D Permit Application: 5 - ESMI of NY RD_D PFAS June 5 Comment Response_August 1 2024
Dec 4, 2024 Public Information Meeting Presentation	Dec 4, 2024 – Public Information Meeting Attendance Report
Transcript of the December 4, 2024 Public Information Meeting	Dec 4, 2024 – Public Information Meeting Final Webmeeting Participants List
Dec 4, 2024 – Public Information Meeting Phone Participants List	Dec 4, 2024 – Public Information Meeting Live Feedback Webchat
Dec 4, 2024 – Public Information Meeting Recording	Dec 4, 2024 – Public Information Meeting Preregistration List
August 1, 2015 - ESMI/Clean Earth Fort Edward - Solid Waste Management Permit #5-5330-00038/00019	RD&D Permit Application - Attachment B Doc - Combustion of C1 and C2 PFAS Kinetic modeling and experiments
Clean Earth Permit Application News Coverage as of 12.19.24	RD&D Permit Application - Attachment B Doc - Evaluation of Indirect Thermal Desorption Coupled with Thermal Oxidation

	SERDP ER18-1572
RD&D Permit Application - Attachment B Doc - Sorption of perfluoroalkyl substances PFASs to an organic soil horizon	RD&D Permit Application - Attachment B Doc - Final Report Laboratory Scale Thermal Degradation of Perfluoro Octanyl Sulfonate and Related Precursors
RD&D Permit Application - Attachment B Doc - Low temperature thermal treatment of gas-phase fluorotelomer alcohols by calcium oxide	RD&D Permit Application - Attachment B Doc - Thermal Mineralization of Perfluorooctanesulfonic Acid PFOS to HF, CO2 and SO2
Clean Earth Comments on Village of Fort Edward Proposed Local Law 1, February 3, 2025	Responses to December 4, 2024 Public Information Meeting Comments Parts 1, 2 and 3 - February 11, 2025
RD&D Permit Application: 6 – NYSDEC Information Request May 22 Response June 18, 2025	

ANNOUNCEMENTS

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NYS DEC CONTACT

Beth Magee

[\(518\) 623-1283](tel:518-623-1283)

beth.magee@dec.ny.gov

CLEAN EARTH / ESMI CONTACT

Robert Martin

[\(877\) 685-8312](tel:877-685-8312)

rmartin@cleanearthinc.com

LEAVE A MESSAGE

First Name*

Last Name*

Email*

Phone number

Please select your community interest*

Please Select



City*

State/Region*

Please Select



Comments/Questions

SUBMIT

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