**From:** Chris Ingram <CIngram@epsofvermont.com>
**Sent:** Tuesday, December 18, 2012 10:18 AM
**To:** Moran, Matt
**Subject:** New England Delivery Spill - Rutland, VT (Spill#2012-WMD-472)
**Attachments:** New England Delivery Spill - Rutland, VT (Spill#2012-WMD-472).pdf

Greetings Matt,

Attached is the completed Spill Summary Report related to the New England Delivery diesel release in Rutland, VT on September 19th. Please feel free to contact me with any additional questions, comments, or concerns.

Regards,

**Chris Ingram**
*Staff Scientist*
Environmental Products & Services of Vermont, Inc.
273 Commerce Street
Williston, VT 05495 -- Burlington Division
(Office) 802-862-1212
(Cell) 802-497-7322

New England Delivery Spill - Rutland, VT (Spill_2012-WMD-472).pdf

273 Commerce Street
Williston, VT 05495
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ENVIRONMENTAL PRODUCTS & SERVICES OF VERMONT, INC.
WILLISTON VT

PHONE: (802) 862-1212
FAX: (802) 860-7445

# Spill Summary Report

## SITE LOCATION:

New England Delivery Spill
Mobil Parking Lot
205 Woodstock Avenue
Rutland, VT 05701

43° 37' 22" N, 72° 57' 10" W

VDEC Incident Manager: Matt Moran
Spill # 2012-WMD-472

## PREPARED FOR:

New England Delivery
24 Clapper Road
Milton, VT 05468
Attn: Brian Jenkins

## PREPARED BY:

Heather Wheel, Staff Scientist
Environmental Products & Services of Vermont, Inc.
273 Commerce Street
Williston, VT 05495

December 3, 2012

New England Delivery Spill - Rutland, VT (Spill_2012-WMD-472).pdf

## Introduction

Environmental Products & Services of Vermont, Inc. (EPSVT) is pleased to present this spill summary report detailing spill response and corrective actions related to the release of approximately 15-20 gallons of diesel fuel along the westbound lane and in the Mobil parking lot of Route 4 in Rutland, VT on September 19, 2012, hereby referred to as 'the Site' (**Figure 1**). The release occurred when a New England Delivery truck was pulling out of the parking lot onto Route 4 and punctured its saddle tank on the curb causing the release of diesel fuel along Route 4 and in the Mobil parking lot where he drove into and came to a complete stop. Photographs taken during spill response activities are presented as **Appendix A.**

The following attachments are included to aid in your review of this report:

**Figure 1 ..... General Location Map;**
**Figure 2 .....Site Sketch;**
**Appendix A ..... Site Photographs;**
**Appendix B .....Waste Manifest Documents**

The following details response, investigation, and remedial actions performed at the Site.

## Spill Response Activities

On September 19, 2012, EPSVT personnel responded to the diesel release on Route 4 in Rutland, VT. A New England Delivery truck ran over the curb as he was pulling out of a parking lot causing the saddle tank to puncture and release 15-20 gallons of diesel fuel into the westbound lane of Route 4. The oil also traveled eastbound into the Mobil parking lot where the truck came to a complete stop. Prior to arrival by EPSVT, the Rutland City Fire Department had deployed speedi dri in the affected areas in the Mobil parking lot where most of the diesel fuel was released. The diesel released on Route 4 was minimal and not recoverable. See (**Figure 2**) for site sketch.

The RFD had deployed Speedi-dri in the affected areas. EPSVT scoured the impacted areas in the Mobil parking lot. EPSVT personnel made their way from the source area in the parking lot along the eastside of parking lot and then proceeded downgradient into a mulched area adjacent to the parking lot. The mulched area was assessed for petroleum contamination using visual and olfactory indicators of petroleum impacts, as well as utilizing field screening methods with a properly calibrated 10.6 eV photoionization detector (PID).The contaminated mulched area ranged from 4.3 parts per million (ppm) up to 536ppm.The affected area was hand excavated and all materials drummed. All the surrounding catch basins in the Mobil parking lot were checked for free product. No free product was observed in any of the catch basins. The impacted mulch area measured approximately 15 feet long by 3 feet wide and 8 inches deep. The impacted area in the parking lot measured approximately 60 feet long and approximately 10 feet wide. EPSVT recovered the spent Speedi-Dri and mulch into nine 55-gallon steel drums, which were shipped to our facility in Albany, NY for proper disposal (**Appendix B**). Bags of mulch were used to backfill the excavated area.

## Sensitive Receptor Survey

EPSVT conducted a sensitive receptor survey within a ½ mile radius of the Site utilizing the Vermont Agency of Natural Resources (VANR) Geographical Information System (GIS) Internet Mapping website (http://www.anr.state.vt.us/site/html/maps.htm), on-site observations, and other resources to identify and assess potential nearby receptors. Identified potential receptors include nearby public and private

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drinking water supply wells, fresh water rivers, streams, lakes and ponds, wetlands, registered USTs and/or ASTs, hazardous waste sites, hazardous waste generators, Brownfields sites, bedrock and soils beneath the Site.

Twenty three private drinking water supply wells were identified within a ½ mile radius of the Site. The nearest well is located 160 feet to the west of the spill. The well is drilled to 120 feet, yields 20 gallons per minute and is cased down to 55 feet with 101 feet of overburden.
Four Class II wetlands were identified in the search, the nearest, a 0.4 acre parcel, is located 230 feet to the southwest and surrounds the nearby pond.

There are six registered underground storage tanks that were identified within the ½ mile radius; one being the Mobil. The closest one located from the Mobil is located approximately 460 feet southwest of the spill and belongs to the Argent Ltd. Seven Hazardous Waste Sites were located in the search radius, the closest one being the Mobil the nearest one from the Mobil is located 275 feet southwest of the release and is listed as the Colonial Plumbing and Heating on Route 4. The site is listed as low priority and is active. No Brownfield sites or Hazardous Waste Site Generator were identified during the search. There are Nine Class II wetlands that were identified in the ½ mile radius, the nearest, a 4.9 acre parcel, is located approximately 300 feet east of the spill release. Rocky Pond and one unknown stream are within the survey radius.

**Conclusions and Recommendations**

Based on observations made and data collected, the following conclusions are made:

- Approximately 15-20 gallons of diesel fuel was released to the environment along the westbound lane of Route 4 and traveled eastbound into the Mobil parking lot;
- Contaminated speedi-dri deployed by the Fire Department was recovered and drummed;
- The Mobil parking lot was scoured with the speedi-dri deployed by the Fire Department;
- EPSVT hand excavated contaminated mulch in an area approximately 15 feet long by 3 feet wide and 8" deep. Contaminated mulch was drummed.
- A total of nine drums of contaminated Speedi-Dri and mulch were transported for disposal;
- No impacts to nearby sensitive receptors were noted.

Based on the preceding conclusions and limited potential receptors, EPSVT makes the following recommendations:

- No further remedial work is necessary or warranted at the Site.

If you have any questions regarding this report or require more information, please do not hesitate to call me or Jake Peirce at (802) 862-1212 or email me at hwheel@epsofvermont.com.

New England Delivery Spill - Rutland, VT (Spill_2012-WMD-472).pdf

Sincerely,

**ENVIRONMENTAL PRODUCTS & SERVICES OF VERMONT, INC.**

Heather Wheel

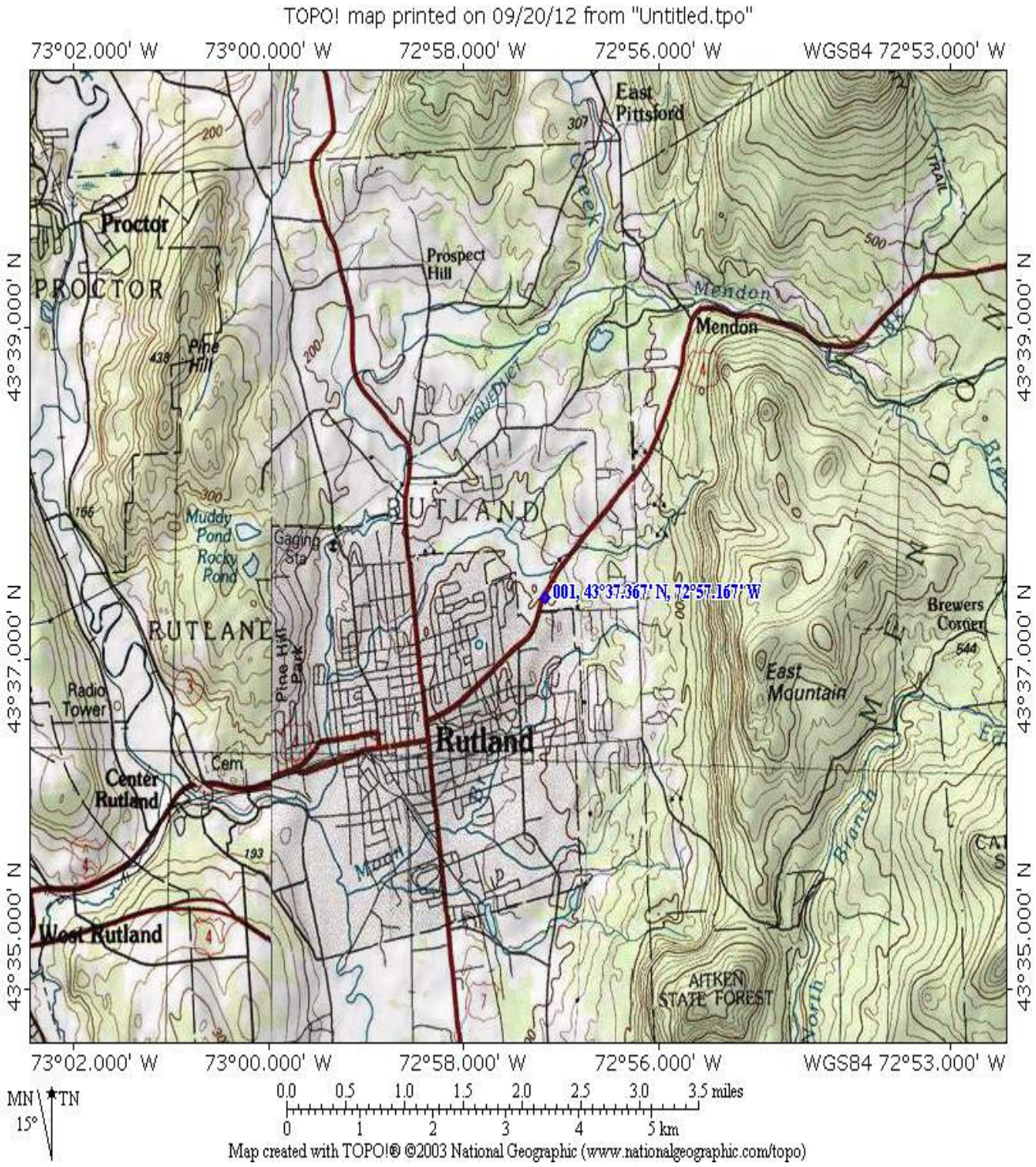
Heather Wheel
*Staff Scientist*
Burlington Division

cc: Matt Moran (VDEC WMD)
cc: Meredith Bates (Acadia Insurance)

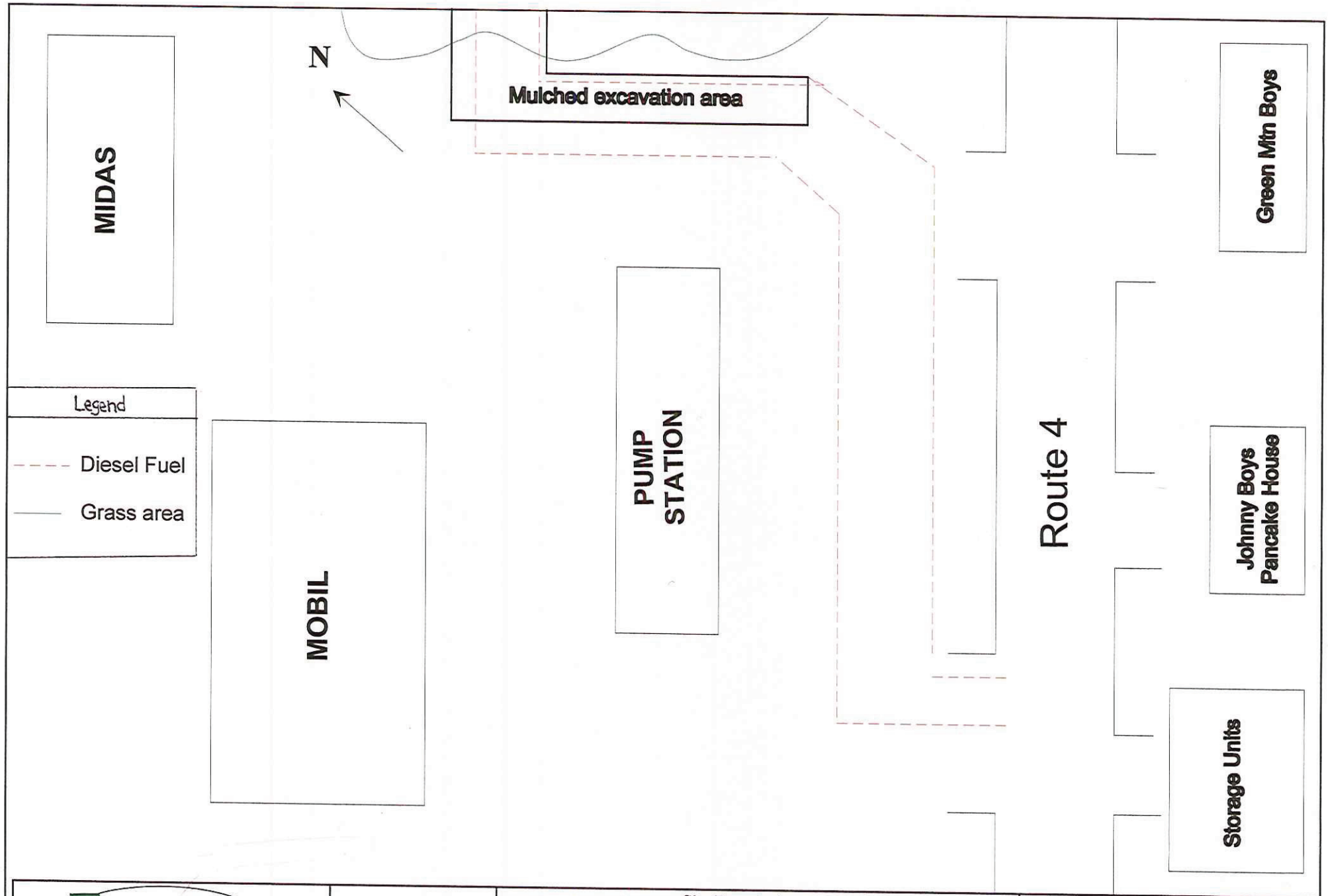
New England Delivery Spill - Rutland, VT (Spill_2012-WMD-472).pdf

# Figure 1
## General Location Map

43° 37’22”N  72° 57’10”W




New England Delivery
Mobil Parking lot, Route 4
Rutland, VT 05701




| | | | | |
|---|---|---|---|---|
| ENVIRONMENTAL PRODUCTS & SERVICES OF VERMONT, INC | **Scale** NOT TO SCALE | **Site Description** New England Delivery Mobil parking lot 205 Woodstock Avenue Rutland, VT 05701 | **Project #** V2841 | **Date** 9/19/2012 |
| | | | **Map Title** Figure 2 | |

New England Delivery Spill - Rutland, VT (Spill_2012-WMD-472).pdf

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# Appendix A

# Site Photographs

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**Photo 1: Impacted area in Mobil parking lot.**

**Photo 2: Impacted mulch area.**

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**Photo 3: After clean up activities in parking lot.**

**Photo 4: Mulched area after hand excavation.**

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**Photo 5: Mulched area backfilled back to grade.**

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# Appendix B

# Waste Manifest Documents

New England Delivery Spill - Rutland, VT (Spill_2012-WMD-472).pdf

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

| UNIFORM HAZARDOUS WASTE MANIFEST | 1. Generator ID Number | 2. Page 1 of | 3. Emergency Response Phone | 4. Manifest Tracking Number |
|---|---|---|---|---|
| | VTP000015124 | 1 | 800-843-8265 | 005085488 FLE |

**GENERATOR**

5. Generator's Name and Mailing Address
NEW ENGLAND DELIVERY
24 CLAPPER ROAD
MILTON VT 05468
Generator's Phone: 802 . 310-8726

Generator's Site Address (if different than mailing address)
NEW ENGLAND DELIVERY
Mobil Parking Lot - Woodstock Ave
RUTLAND VT 05701

6. Transporter 1 Company Name
ENVIRONMENTAL PROD & SVCS OF VT, INC
U.S. EPA ID Number
NYR000115733

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
ENVIRONMENTAL PROD & SVCS OF VT, INC
300 SMITH BLVD.
ALBANY NY 12202
Facility's Phone: 518 465-4000
U.S. EPA ID Number
NYD986971877

| 9a. HM | 9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) | 10. Containers No. | 10. Containers Type | 11. Total Quantity | 12. Unit Wt./Vol. | 13. Waste Codes | | |
|---|---|---|---|---|---|---|---|---|
| | 1. NON-RCRA, NON-DOT SOLIDS, N.O.S. (OIL SOAKED DEBRIS) | 9 | DM | 2700 | P | VT02 | | |
| | 2. | | | | | | | |
| | 3. | | | | | | | |
| | 4. | | | | | | | |

14. Special Handling Instructions and Additional Information
1) APP #: A0912041-PA/DT. 7 X 55 GAL. DIESEL FUEL CONT. SOLIDS
2) VV
3)
4) JOB #: V2841

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Travis Martz
Signature: (On behalf of New England Delivery)
Month: 9 Day: 19 Year: 12

**INTL**

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

**TRANSPORTER**

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Travis Martz
Signature:
Month: 9 Day: 19 Year: 12
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

**DESIGNATED FACILITY**

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H141 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Dennis Dexter
Signature: Dennis Dexter
Month: 9 Day: 26 Year: 12

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)