

**SPECIAL WASTE AUTHORIZATION APPLICATION  
FOR THE DISPOSAL OF  
SPECIAL WASTE/CONTAMINATED SOILS - 2016  
Manchester Sanitary Landfill, Manchester, CT**

**Part I            Application Type**

This Application is for (check one)

\_\_\_\_\_ A New Authorization

\_\_\_\_\_ Renewal: please provide Manchester Landfill SW/Site Number \_\_\_\_\_

\_\_\_\_\_ A modification of an existing Special Waste Authorization

Current Expiration Date of Existing Manchester Landfill Authorization: \_\_\_\_\_

**PART II            Authorization Type and Fee Information Application Fee**

_____	Commerical Asbestos Disposal	\$275.00 or \$525.00
_____	Yearly - Special Waste Disposal Authorization	\$525.00
_____	Yearly - Contaminated Soil Disposal Authorization	\$525.00
_____	Project - Special Waste Disposal Authorization	\$275.00
_____	Project - Contaminated Soil Disposal Authorization	\$275.00

\* Checks made payable to "Town of Manchester"

Application mailing  
address:

Environmental Services Manager  
Sanitation Division  
311 Olcott Street  
P.O. Box 191  
Manchester CT 06045-0191

**PART III**

**Applicant Information**

Applicant  
(full legal description)

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Address

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City/State/Zip Code

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Contact/Title

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Phone

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Fax

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Email

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Generator/Site Owner  
(if different )

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Address

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City/State/Zip Code

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Contact/Title

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Phone

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Fax

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Email

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Transporter

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Address

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City/State/Zip Code

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Contact/Title

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Phone

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Fax/Email

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Consultant/Engineer

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Address

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City/State/Zip Code

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Contact/Title

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Phone

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Fax/Email

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**PART IV**

**Site Information**

Waste source  
site name \_\_\_\_\_

Address/location \_\_\_\_\_  
\_\_\_\_\_

Current Location  
(if different) \_\_\_\_\_  
\_\_\_\_\_

Is the Special Waste generated a result of a remediation project ?

Yes \_\_\_\_\_ No \_\_\_\_\_

(If Yes) Identify any Federal or State Agencies involved

Agency \_\_\_\_\_

Contact/Title \_\_\_\_\_

Phone/Email \_\_\_\_\_

**PART V SPECIAL WASTE CHARACTERISTIC INFORMATION**

1. Description of waste (e.g. contaminated soil, slag, sludge, grit screenings, manufacturing waste, etc.)

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2. Identify the source of Waste (i.e. fuel spill, tank leakage, industrial process)

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3. Quantity of Waste in Tons per Year \_\_\_\_\_  
Estimated Disposal Schedule \_\_\_\_\_

Project Authorizations are valid for two months and less than 600 tons, otherwise a Yearly Authorization will be required.

4. Sampling Requirements (Laboratory Data must be less than one year old and must fulfill requirements of Tables 1 and 2. ) Please Attach Laboratory Data

## APPLICANT/GENERATOR CERTIFICATIONS

**Please initial each certification and sign at the bottom of page**

Note that this application is limited to certain eligible special wastes and contaminated soils. Other materials may be accepted at the Manchester Landfill. However, acceptance of said materials is contingent upon the receipt of an individual Connecticut DEEP Special Waste Disposal Authorization (SWDA). For additional information concerning DEEP's individual SWDA permit process, please contact DEEP's Waste Management Bureau at (860) 424 - 3366 or visit <http://bit.do/CTDEEPSWA>

- \_\_\_\_\_ Laboratory data submitted is representative of the materials to be delivered to the Manchester Sanitary Landfill.
- \_\_\_\_\_ Laboratory data submitted meets the minimum requirements of Table 1 for waste characterization purposes.
- \_\_\_\_\_ Sampling frequency and type meet the minimum requirements of Table 2 and an appropriate number of samples have been collected to adequately characterize the waste stream or contaminated soils.
- \_\_\_\_\_ Laboratory analyses were performed with knowledge of the site history, materials utilized in the industrial processes, and/or potential contaminants.
- \_\_\_\_\_ All sampling and testing were performed in accordance with *Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods, EPA Publication SW-846*, as amended or other test methods approved by Connecticut DEEP.
- \_\_\_\_\_ The materials to be delivered to the Manchester Landfill contain no materials that would lead to nuisance dust being generated during transport or disposal operations.
- \_\_\_\_\_ The materials to be delivered to the Manchester Landfill will contain no free draining liquid waste, no Toxic Substance Control Act wastes, no radioactive waste, and no friable asbestos.
- \_\_\_\_\_ The materials to be delivered to the landfill are not hazardous as defined in the Regulations of Connecticut State Agencies Section 22a-449 and 40- CFR Subpart 261.

"I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that based on reasonable investigation, including my inquiry of the individuals responsible for obtaining the information, that the submitted is true, accurate and correct to the best of my knowledge and belief. I understand that a false statement in the submitted information may be punishable as a criminal offense, in accordance with Section 22a-6 of the Connecticut General Statutes, pursuant to Section 53a-157b of the Connecticut General Statutes, and in accordance with any other applicable statute.

Name (print or type) \_\_\_\_\_ Date: \_\_\_\_\_

Signature \_\_\_\_\_

TABLE 1

WASTE CHARACTERIZATION PARAMETERS  
AND ACCEPTANCE LIMITS

SPECIAL WASTE MATERIAL	ANALYTICAL TESTS REQUIRED (7)	TEST METHODS (1)	ACCEPTANCE LIMITS (2)
<b>Soil Contaminated with Gasoline or Gasohols</b>	Extractable Total Petroleum Hydrocarbons (ETPH)	M8100 CT	Less than 50,000 ppm (8)
	Volatile Organic Compounds (VOCs)	EPA 8021B or 8260B	Less than Industrial/Commercial DEC and 100.X's GA PMC
	Lead, TCLP	EPA 7421	Less than 4.5 mg/L
	Ignitability	1030	Greater than 140°F
	Paint Filter Test	9095A	No Free Liquids
<b>Soil Contaminated with Diesel Fuel or Virgin Fuel Oils (Nos. 1, 2, 4, 5, and 6)</b>	Extractable Total Petroleum Hydrocarbons (ETPH)	M8100 CT	Less than 50,000 ppm
	Volatile Organic Compounds (VOCs)	EPA 8021B or 8260B	Less than Industrial/Commercial DEC and 100.X's GA PMC
	Semi-Volatile Organic Compounds	EPA 8270C	Less than Industrial/Commercial DEC or 100.X's GA PMC
	Ignitability	1030	Greater than 140°F
	Paint Filter Test	9095A	No Free Liquids
<b>Soil Contaminated with Other Virgin Petroleum Fluids</b>	Extractable Total Petroleum Hydrocarbons (ETPH)	M8100 CT	Less than 50,000 ppm
	Volatile Organic Compounds (VOCs)	EPA 8021B or 8260B	Less than Industrial/Commercial DEC and 100.X's GA PMC
	Semi-Volatile Organic Compounds	EPA 8270C	Less than Industrial/Commercial DEC or 100.X's GA PMC
	Lead, TCLP	EPA 7421	Less than 4.5 mg/L
	Ignitability	1030	Greater than 140°F
	Paint Filter Test	9095A	No Free Liquids

**TABLE 1**

**WASTE CHARACTERIZATION PARAMETERS  
AND ACCEPTANCE LIMITS**

<b>SPECIAL WASTE MATERIAL</b>	<b>ANALYTICAL TESTS REQUIRED (7)</b>	<b>TEST METHODS (1)</b>	<b>ACCEPTANCE LIMITS (2)</b>
<b>Soil Contaminated with Waste Oil and Other Special Wastes</b>	Extractable Total Petroleum Hydrocarbons (ETPH)	M8100 CT	Less than 50,000 ppm
	Volatile Organic Compounds (VOCs)	EPA 8021B or 8260B	Less than Industrial/Commercial DEC and 100.X's GA PMC
	Semi-Volatile Organic Compounds	EPA 8270C	Less than Industrial/Commercial DEC or 100.X's GA PMC
	RCRA 8 Metals by TCLP (3)	EPA 7421	Less than Regulatory Level in 40CFR 261
	Polychlorinated Biphenyls (PCBs) (4)	EPA 8082	Less than 25 ppm (4)
	Other Potential Contaminants (5)	-	Less than Industrial/Commercial DEC and 100.X's GA PMC
	Reactivity: Cyanide	7.3.3.2	Non-Reactive; Hydrogen Cyanide Less than 250 ppm
	Reactivity: Sulfide	7.3.4.2	Non-Reactive; Hydrogen Sulfide Less than 500 ppm
	pH		Greater than 2.0 SU, Less than 12.5 SU
	Ignitability	1030	Greater than 140°F
	Paint Filter Test	9095A	No Free Liquids
Any Parameters Required by Note (5)	As Necessary	Less than 80% of Hazardous Concentrations	
<b>Metal Shavings</b>	Volatile Organic Compounds (VOCs)	EPA 8021B or 8260B	Less than Industrial/Commercial DEC and 100.X's GA PMC
	RCRA 8 Metals by TCLP (3)	EPA 7421	Less than Regulatory Level in 40CFR 261
	Paint Filter Test	9095A	No Free Liquids
	Any Parameters Required by Note (5)	As Necessary	Less than 80% of Hazardous Concentrations
<b>Extra Tests for Soils to be Utilized for Intermediate Cover</b>	Sieve Test (6)	ASTM D-2487	No particles > 3" diameter, 12 - 50% passing #200 Sieve

## TABLE 1

### WASTE CHARACTERIZATION PARAMETERS AND ACCEPTANCE LIMITS

Notes:

- (1) - All laboratory analyses must be performed by a laboratory certified by the State of Connecticut Department of Public Health & Addiction Services.  
All analyses must be performed in accordance with EPA's *Test Methods for Evaluating Solid Wastes: Physical/Chemical Methods, SW-846, as revised* or DEP-approved equivalent.
- (2) - Industrial/Commercial DEC = Direct Exposure Criteria, and GA PMC = Pollutant Mobility Criteria for GA Areas from CT Remediation Standard Regulations.
- (3) - Lead and RCRA 8 metals laboratory analyses for waste characterization must be performed by the TCLP method. SPLP in lieu of TCLP is not acceptable.
- (4) - If original concentration of PCB oil greater than 50 ppm or any test results are greater than 25 ppm, then material will not be accepted at the landfill.
- (5) - Required to test for and provide laboratory analyses for any other potential contaminants known or suspected to be present based on generator's or owner's knowledge of site history and potential contaminants.
- (6) - Sieve tests shall be performed by geotechnical laboratory.
- (7) - All laboratory data submitted for approval under this program must be less than one year old.
- (8) - ppm = parts per million.



**TABLE 2 (Rev. 7/1/15)**

**REQUIRED SAMPLING FREQUENCY**

ANALYTICAL PARAMETER (As Required by Table 1)	SAMPLE TYPE	MINIMUM SAMPLE FREQUENCY
Extractable Total Petroleum Hydrocarbons (ETPH)	Composite	One per 100 cubic yards
Volatile Organic Compounds (VOCs)	Discrete	One per 300 cubic yards
Semi-Volatile Organic Compounds	Discrete	One per 300 cubic yards
Lead, TCLP	Composite	One per 300 cubic yards
Arsenic, TCLP	Composite	One per 300 cubic yards
Barium, TCLP	Composite	One per 300 cubic yards
Cadmium, TCLP	Composite	One per 300 cubic yards
Chromium, TCLP	Composite	One per 300 cubic yards
Mercury, TCLP	Composite	One per 300 cubic yards
Selenium, TCLP	Composite	One per 300 cubic yards
Silver, TCLP	Composite	One per 300 cubic yards
Polychlorinated Biphenyls (PCBs)	Discrete	One per 300 cubic yards
pH	Composite	One per 600 cubic yards
Ignitability	Composite	One per 600 cubic yards
Reactivity (Cyanide & Sulfide)	Composite	One per 600 cubic yards
Paint Filter Test	Composite	One per 600 cubic yards
Sieve Test (4)	Composite	One per 2,000 cubic yards

Notes:

- (1) Samples collected must be representative of the materials to be delivered to the Manchester Landfill.
- (2) Discrete samples are defined as single samples, collected from a single point.
- (3) Composite samples are defined as a homogenous mixture from a maximum of three discrete samples.
- (4) Sieve tests must be performed for all materials that may be utilized for intermediate cover material.