

TABLE 1

**WASTE CHARACTERIZATION PARAMETERS  
AND ACCEPTANCE LIMITS <sup>(11)</sup>**

<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 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 100X'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 100X's GA PMC
	Semi-Volatile Organic Compounds	EPA 8270C	Less than Industrial/Commercial DEC or 100X'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 100X's GA PMC
	Semi-Volatile Organic Compounds	EPA 8270C	Less than Industrial/Commercial DEC or 100X'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

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SPECIAL WASTE MATERIAL	ANALYTICAL TESTS REQUIRED (7)	TEST METHODS (1)	ACCEPTANCE LIMITS (2)
<b>Soil Contaminated with Waste Oil</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 100X's GA PMC
	Semi-Volatile Organic Compounds	EPA 8270C	Less than Industrial/Commercial DEC or 100X's GA PMC
	RCRA 8 Metals by TCLP (3)	EPA 7421	Less than Regulatory Level in 40CFR 261
	Polychlorinated Biphenyls (PCBs)	EPA 8082	Less than 25 ppm (4)
	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 then 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
	Other Potential Contaminants (5)	-	Less than Industrial/Commercial DEC and 100X's GA PMC
<b>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 100X's GA PMC
	Semi-Volatile Organic Compounds	EPA 8270C	Less than Industrial/Commercial DEC or 100X's GA PMC
	RCRA 8 Metals by TCLP (3)	EPA 7421	Less than Regulatory Level in 40CFR 261
	Polychlorinated Biphenyls (PCBs)	EPA 8082	Less than 25 ppm (4)
	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 then 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
	Other Potential Contaminants (5)	-	Less than Industrial/Commercial DEC and 100X's GA PMC

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<b>Metal Shavings</b>	Volatile Organic Compounds (VOCs)	EPA 8021B or 8260B	Less than Industrial/Commercial DEC and 100X's GA PMC
	RCRA 8 Metals by TCLP <b>(3)</b>	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 Tier I Intermediate Cover</b>	Sieve Test <b>(6)</b>	ASTM D-2487	No particles > 3" diameter, 12 - 50% passing "200 Sieve

**(1)** - All laboratory analyses must be performed by a laboratory certified by the State of Connecticut Department of Public Health.

All analyses must be performed in accordance with EPA's *Test Methods for Evaluating Solid Wastes: Physical/Chemical Methods, SW-846, as revised* or DEEP-approved equivalent.

**(2)** - Industrial/Commercial DEC = Direct Exposure Criteria, and GA PMC = Pollutant Mobility Criteria for GA Areas from CT Remediation Standard Regulations (RSRs).

If no DEC or PMC are published in the appendices of the RSRs, then the list of additional polluting substances (APS) shall also be consulted.

**(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 the special waste will not be accepted at the landfill.

Town - Specific Requirement: No soils containing PCBs will be accepted for reuse as landfill cover material or for disposal.

**(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 for any soils wishing to be classified as Tier I intermediate cover material.

**(7)** - All laboratory data submitted for approval under this program must be less than one year old.

**(8)** - ppm = parts per million.

**(9)** - No particles greater than 3-inches in diameter will be accepted as Tier I or Tier II soils for reuse.

**(10)** - Town - Specific Requirement: The Town of Manchester reserves the right to conduct confirmatory sampling on any incoming loads for compliance with their acceptance criteria.

Non-compliant loads may be rejected and require removal at the applicant's expense.

**(11)** - Laboratory analyses shall utilize detection / reporting limits less than or equal to the lower of the applicable Industrial/Commercial DEC and the GB PMC.