

TABLE 1

WASTE CHARACTERIZATION PARAMETERS
AND ACCEPTANCE LIMITS

SPECIAL WASTE MATERIAL	ANALYTICAL TESTS REQUIRED (7)	TEST METHODS (1)	ACCEPTANCE LIMITS (2)
Soil Contaminated with Gasoline or Gasohols	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
Soil Contaminated with Diesel Fuel or Virgin Fuel Oils (Nos. 1, 2, 4, 5, and 6)	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
Soil Contaminated with Other Virgin Petroleum Fluids	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

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Soil Contaminated with Waste Oil and Other Special Wastes	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	
Metal Shavings	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
Extra Tests for Soils to be Utilized for Intermediate Cover	Sieve Test (6)	ASTM D-2487	No particles > 3" diameter, 12 - 50% passing #200 Sieve

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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.