

ATTACHMENT A

**CRRA SPECIAL WASTE ACCEPTANCE
REQUIREMENTS AND
WASTE PROFILE FORM**

**TABLE 1
SPECIAL WASTE ACCEPTANCE CRITERIA
Hartford Landfill**

PARAMETER		LIMIT	
Total Volatile Organic Compounds		5,000 mg/kg	
Total Semi-volatile Organic Compounds		5,000 mg/kg	
PCBs		10 mg/kg	
TPH		30,000 mg/kg with minimum of 80% of samples not exceeding 10,000 mg/kg	
TCLP-BASED SCREENING CRITERIA:			
Chemical Parameter	Maximum Concentration for the TCLP Analysis ⁽¹⁾ (mg/L)	Total Mass Analysis Trigger Levels	
		TCLP Criteria x 20 (mg/kg)	TCLP Criteria x 20 (ug/kg)
INORGANICS			
Arsenic	5.0	100	100,000
Barium	100.0	2,000	2,000,000
Cadmium	1.0	20	20,000
Chromium	5.0	100	100,000
Lead	5.0	100	100,000
Mercury	0.2	4	4,000
Selenium	1.0	20	20,000
Silver	5.0	100	100,000
VOLATILE ORGANICS			
Benzene	0.5	10	10,000
Carbon tetrachloride	0.5	10	10,000
Chlorobenzene	100.0	2,000	2,000,000
Chloroform	6.0	120	120,000
1,4-Dichlorobenzene	7.5	150	150,000
1,2-Dichloroethane	0.5	10	10,000
1,1-Dichloroethene	0.7	14	14,000
Tetrachloroethene	0.7	14	14,000
Trichloroethene	0.5	10	10,000
Vinyl Chloride	0.2	4	4,000
SEMIVOLATILE ORGANICS			
m-Cresol	200.0 ⁽¹⁾	4,000	4,000,000
o-Cresol	200.0 ⁽¹⁾	4,000	4,000,000
p-Cresol	200.0 ⁽¹⁾	4,000	4,000,000
Cresols	200.0 ⁽¹⁾	4,000	4,000,000
2,4-Dinitrotoluene	0.13	3	2,600

**TABLE 1
SPECIAL WASTE ACCEPTANCE CRITERIA
Hartford Landfill**

TCLP-BASED SCREENING CRITERIA (CONTINUED):			
Chemical Parameter	Maximum Concentration for the TCLP Analysis⁽¹⁾ (mg/L)	Total Mass Analysis Trigger Levels	
		TCLP Criteria x 20 (mg/kg)	TCLP Criteria x 20 (ug/kg)
Hexachlorobenzene	0.13	3	2,600
Hexachlorobutadiene	0.5	10	10,000
Hexachloroethane	3.0	60	60,000
Methyl ethyl ketone	200.0	4,000	4,000,000
Nitrobenzene	2.0	40	40,000
Pentachlorophenol	100.0	2,000	2,000,000
Pyridine	5.0	100	100,000
2,4,5-Trichlorophenol	400.0	8,000	8,000,000
2,4,6-Trichlorophenol	2.0	40	40,000
PESTICIDES/PCBs			
Chlordane	0.03	1	600
2,4-D	10.0	200	200,000
Endrin	0.02	0	400
Heptachlor epoxide	0.008	0	160
Heptachlor	0.008	0	160
Lindane (gamma-BHC)	0.4	8	8,000
Methoxychlor	10.0	200	200,000
2,4,5-TP (Silvex)	1.0	20	20,000
Toxaphene	0.5	10	10,000

⁽¹⁾ If o-, m-, and p-Cresol concentrations cannot be differentiated, the total cresol concentration is used. The regulatory level of total cresol is 200 mg/L.

SPECIAL WASTE ACCEPTANCE REQUIREMENTS

Hartford Landfill

Connecticut Resources Recovery Authority

1. No special waste will be accepted at the Hartford Landfill without a Special Waste Authorization issued by the Connecticut Department of Environmental Protection (DEP).
2. The waste generator and applicant must complete a Waste Profile Form in its entirety (see attached).
3. The generator and applicant must certify that the waste is not a hazardous waste pursuant to 40 CFR 261 and RCRA 22A-449(c), that the waste has not been mixed with a hazardous waste, that the waste does not contain a regulated infectious material, that the waste is not a regulated radioactive material, and that the waste does not contain PCBs regulated by 40 CFR Part 761.
4. All waste sampling and chemical analyses used to characterize the waste must be conducted in accordance with 40 CFR 261.20 through 40 CFR 261.24 (inclusive), Appendix I, II and III to 40 CFR 261, and the sampling requirements defined in the DEP's most recent revision of the Instructions for Completing the Authorization Application for Disposal of Special Waste (Including Asbestos), DEP-WEED-INST-200, including sampling and analytical procedures described in "Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods", SW-846.
5. When characterizing wastes, all samples must be representative of the subject wastestream. Sampling frequencies must comply with SW-846 and the minimum requirements for the collection of both grab and composite samples established in the table below, based on the total volume of soil to be characterized. Grab sample locations must be determined based on observations made during composite sample collection and must be representative of the location(s) exhibiting the greatest contamination based on field observations (organic vapor field analyses, visual observations, odors, etc.) and waste knowledge or, if no evidence of contamination is present, will be representative of the wastestream based on best professional judgment. Each composite sample will be comprised of 8 individual grab samples. When sampling stockpiles, samples will be collected from a depth of at least 12 inches below the surface of the pile. A sketch must be provided indicating sample locations, depths and basis for selection of grab sample locations.

TOTAL WASTE QUANTITY (cy)	NUMBER OF GRAB SAMPLES	NUMBER OF COMPOSITE SAMPLES
0 – 400	1	2
401-1,000	1	1 per 200 cy or portion thereof
> 1,000	1 plus 1 additional for every 2,000 cy (or portion thereof) over 1,000	5 plus 1 additional for every 1,000 cy (or portion thereof) over 1,000

CRRA reserves the right to require the applicant to demonstrate by statistical analysis that the required number of samples per SW-846 was collected. If additional samples are required thereunder, applicants must meet these requirements.

6. Wastes containing concentrations of semi-volatile organics, polynuclear aromatics or volatile organics at total concentrations greater than 5,000 mg/kg (ppm) will not be accepted at the Hartford Landfill. TPH levels must not exceed 30,000 ppm, with 80% of the sample results no greater than 10,000 ppm.
7. CRRA will evaluate all applications on a case-by-case basis. CRRA reserves the right to request additional information, including additional chemical analyses of the candidate waste material, prior to accepting the material for disposal. CRRA also reserves the right to inspect the candidate waste to evaluate its physical characteristics, the presence of odors, or other potentially undesirable qualities.
8. CRRA reserves the right to conduct its own testing of any special waste and the right to reject loads that it deems inconsistent with the waste characterization submittal.
9. CRRA reserves the right to disapprove the delivery of any special waste.

SPECIAL WASTE - WASTE PROFILE FORM
Hartford Landfill, Connecticut Resources Recovery Authority

Note: Provide additional information on numbered attachment pages, as necessary

APPLICANT INFORMATION:						
Applicant:	Address:	Phone No.:	Fax No.:			
Contact Name:						
Generator:	Address:	Phone No.:	EPA ID No. (if applicable)			
Contact Name:						
Billing Name:	Address:	Phone No.:	Fax No.:			
Contact Name:						
Location of Source of Wastes:	Site Name:	Address:				
Waste Hauler:	Address:	Phone No.:	EPA ID No. (if applicable)			
Party(ies) Responsible for Sampling/Characterizing Waste (add additional sheets, as necessary):						
Party: _____	Responsible for: _____	Address: _____				
Party: _____	Responsible for: _____	Address: _____				
WASTE INFORMATION:						
Description of waste and source of contamination:						
Has a Special Waste Authorization been issued by CTDEP? <input type="checkbox"/> Yes <input type="checkbox"/> No						
If yes: Date of Authorization: _____ Does Authorization allow use of materials as daily cover? <input type="checkbox"/> Yes <input type="checkbox"/> No						
Attach authorization letter and complete copy of Special Waste Authorization Application, including analytical data or other information upon which it was based. Also provide drawing(s) indicating sample locations, depths, and rationale for sample location selection.						
If no: Has an authorization application been submitted to CTDEP? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, date of submittal: _____ Attach complete copy of Special Waste Authorization Application, including data or other information upon which it was based. Also provide drawing(s) indicating sample locations, depths, and rationale for sample location selection.						
CHEMICAL AND PHYSICAL INFORMATION						
WASTE TYPE <input type="checkbox"/> Contaminated soil <input type="checkbox"/> Casting sand/slag <input type="checkbox"/> Water treatment sludge/solids <input type="checkbox"/> Sewage treatment sludge/solids <input type="checkbox"/> Industrial sludge/solids <input type="checkbox"/> Fly ash <input type="checkbox"/> Contaminated dredge spoils <input type="checkbox"/> Asbestos <input type="checkbox"/> Other: _____	SOURCE OF CONTAMINATION <input type="checkbox"/> Tank removal <input type="checkbox"/> Industrial processes <input type="checkbox"/> Spill cleanup <input type="checkbox"/> Water treatment <input type="checkbox"/> Sewage treatment <input type="checkbox"/> Voluntary remediation <input type="checkbox"/> Misc. urban fill (source unknown) <input type="checkbox"/> Other: _____	ESTIMATED WASTE QUANTITY _____ tons _____ cy <input type="checkbox"/> One-time disposal <input type="checkbox"/> Periodic disposal Period over which waste will be delivered: _____ Estimated disposal rate (e.g., cy/day, tons/week): _____				
PHYSICAL STATE <input type="checkbox"/> Solid <input type="checkbox"/> Sludge (if yes, include paint filter test results) Odor? <input type="checkbox"/> Yes <input type="checkbox"/> No Describe appearance: _____		MATRIX <input type="checkbox"/> Homogeneous <input type="checkbox"/> Heterogeneous _____ % Clay _____ % Debris Describe: _____ _____ % Stones/Rocks/Cobbles > 3 inches				
CHEMICAL CHARACTERIZATION: Indicate which analyses have been performed on the waste:						
<input type="checkbox"/> Paint Filter Test [EPA Method 9095]		<input type="checkbox"/> Volatile Organics: <input type="checkbox"/> EPA Method 8010				
<input type="checkbox"/> Ignitability <input type="checkbox"/> Corrosivity <input type="checkbox"/> Reactivity		<input type="checkbox"/> EPA Method 8015 <input type="checkbox"/> EPA Method 8020				
<input type="checkbox"/> Toxicity Characteristic Leaching Procedure (TCLP) [EPA Method 1311]		<input type="checkbox"/> EPA Method 8260 <input type="checkbox"/> Other: _____				
<input type="checkbox"/> Metals <input type="checkbox"/> VOCs <input type="checkbox"/> BNAs <input type="checkbox"/> Pesticides <input type="checkbox"/> Herbicides <input type="checkbox"/> Select analytes		<input type="checkbox"/> Semi-Volatile Organics <input type="checkbox"/> EPA Method 8270				
<input type="checkbox"/> Synthetic Precipitation Leaching Procedure (SPLP) [EPA Method 1312]		<input type="checkbox"/> PCBs EPA Method 8082 <input type="checkbox"/> Other: _____				
<input type="checkbox"/> Pesticides [EPA Method 8081] <input type="checkbox"/> Herbicides [EPA Method 8151]		<input type="checkbox"/> Oil & Grease (TPH): Method: _____				
<input type="checkbox"/> Metals [EPA Method 6010 and 7000 Series] <input type="checkbox"/> RCRA 8 Metals		<input type="checkbox"/> Other: _____				
<input type="checkbox"/> TAL Metals <input type="checkbox"/> PP Metals <input type="checkbox"/> Select Metals		<input type="checkbox"/> Other: _____				
	Characterization Method	Concentration of Contaminants				
Toxicity Characteristic Metals	GK ¹	TCLP (mg/L)	Total (mg/kg)	None or non-detect	Present Below TCLP Regulatory Limit	Present Above TCLP Regulatory Limit - Maximum Concentration
Arsenic	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> < 5.0 mg/L	_____ mg/L
Barium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> < 100.0 mg/L	_____ mg/L
Cadmium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> < 1.0 mg/L	_____ mg/L
Chromium (total)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> < 5.0 mg/L	_____ mg/L
Lead	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> < 5.0 mg/L	_____ mg/L
Mercury	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> < 0.2 mg/L	_____ mg/L
Selenium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> < 1.0 mg/L	_____ mg/L
Silver	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> < 5.0 mg/L	_____ mg/L

¹ GK = generator knowledge, per 40 CFR 262.11(c)(2).

Toxicity Characteristic Organics	Characterization Method			Concentration of Contaminants		
	GK	TCLP (mg/L)	Total (mg/kg)	None or non-detect	Present Below TLCP Regulatory Limit	Present Above TCLP Regulatory Limit - Maximum Concentration
Benzene	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> < 0.5 mg/L	_____ mg/L
Carbon tetrachloride	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> < 0.5 mg/L	_____ mg/L
Chlordane	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> < 0.03 mg/L	_____ mg/L
Chlorobenzene	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> < 100.0 mg/L	_____ mg/L
Chloroform	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> < 6.0 mg/L	_____ mg/L
o - cresol	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> < 200.0 mg/L	_____ mg/L
m - cresol	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> < 200.0 mg/L	_____ mg/L
p - cresol	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> < 200.0 mg/L	_____ mg/L
Cresol - mixed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> < 200.0 mg/L	_____ mg/L
2,4-D	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> < 10.0 mg/L	_____ mg/L
1,4-Dichlorobenzene	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> < 7.5 mg/L	_____ mg/L
1,2-Dichloroethane	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> < 0.5 mg/L	_____ mg/L
1,1-Dichloroethylene	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> < 0.7 mg/L	_____ mg/L
2,4-Dinitrotoluene	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> < 0.13 mg/L	_____ mg/L
Endrin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> < 0.02 mg/L	_____ mg/L
Heptachlor (& its epoxide)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> < 0.008 mg/L	_____ mg/L
Hexachlorobenzene	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> < 0.13 mg/L	_____ mg/L
Hexachlorobutadiene	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> < 0.5 mg/L	_____ mg/L
Hexachloroethane	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> < 3.0 mg/L	_____ mg/L
Lindane	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> < 0.4 mg/L	_____ mg/L
Methoxychlor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> < 10.0 mg/L	_____ mg/L
Methyl ethyl ketone	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> < 200.0 mg/L	_____ mg/L
Nitrobenzene	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> < 2.0 mg/L	_____ mg/L
Pentachlorophenol	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> < 100.0 mg/L	_____ mg/L
Pyridine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> < 5.0 mg/L	_____ mg/L
Tetrachloroethylene	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> < 0.7 mg/L	_____ mg/L
Toxaphene	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> < 0.5 mg/L	_____ mg/L
Trichlorethylene	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> < 0.5 mg/L	_____ mg/L
2,4,5-Trichlorophenol	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> < 400.0 mg/L	_____ mg/L
2,4,6-Trichlorophenol	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> < 2.0 mg/L	_____ mg/L
2,4,5-TP (Silvex)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> < 1.0 mg/L	_____ mg/L
Vinyl chloride	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> < 0.2 mg/L	_____ mg/L

CONTAINED-IN POLICY

If the subject waste is soil, does the soil contain a listed hazardous waste? Yes No
 If yes, indicate, code: F waste K waste P waste U Waste

GENERATOR'S CERTIFICATION

1. Is the waste represented by this waste profile sheet a Hazardous Waste as defined by USEPA or Connecticut regulation or has it been mixed with a Hazardous Waste? Yes No
2. Does the waste represented by this waste profile sheet contain regulated infectious material, radioactive material or Polychlorinated Biphenyls (PCBs) regulated under 40 CFR Part 761? Yes No
3. Has all relevant information within the possession of the Generator and Applicant regarding known or suspected hazards pertaining to the waste been disclosed to CRRA? Yes No
4. Is the analytical data attached hereto derived from collecting and testing representative samples in accordance with 40 CFR 261 and DEP special waste characterization requirements (as defined in DEP-WEED-INST-200)? Yes No
5. If the waste is a soil and contains a listed hazardous waste, is the soil considered non-hazardous under Connecticut's RCRA "Contained-In" Policy (i.e., are the contaminant levels below Industrial/Commercial Direct Exposure Criteria in the RSRs (via mass analysis) and below either the TCLP levels defined at 40 CFR 261.24 or 100 times the GA Pollutant Mobility Criteria defined in the RSRs (via mass analysis or leachate analysis) or 100 times the Ground Water Protection Criteria defined in the RSRs (via TCLP or SPLP analysis)? Yes No Not Applicable
6. Does the waste contain free-draining liquids? Yes No
7. Will any and all changes that occur in the character of the waste be identified by the Generator and Applicant and disclosed to CRRA prior to shipping the waste to CRRA? Yes No

By signing below, the Applicant and Generator acknowledge a first-hand knowledge of the waste's characteristics, certify that all samples are representative of the waste, certify that they have read and understand CRRA's Special Waste Acceptance Requirements, and certify the truth and accuracy of the information present above.

Applicant:

 (Authorized Signature)

 (Name, Title)

 Date

Generator:

 (Authorized Signature)

 (Name, Title)

 Date