Systech Environmental Corporation

1-800-888-8011

(513) 374-4133 (FAX)

Profile No. AA 36426

Date Received _____

WASTE PROFILE for Qualifying Materials as Fuel or Raw Materials

Please answer all questions to enable us to respond promptly. Please note we need the generator's signature below. We cannot begin the approval process until the application is complete. A representative sample of the waste stream must accompany this application. Please attach MSDS's if available.

A. GENERATOR _____

Technical Contact _____

Phone (_____) _____ FAX (_____) _____

Address _____

City _____ State _____ Zip _____

EPA ID No. (Federal) _____ State ID No. (if applicable) _____

BILLING INFORMATION: (Complete only if different from generator information)

Billing Name _____

Business Contact _____

Phone (_____) _____ FAX (_____) _____

Address _____

City _____ State _____ Zip _____

B. 1. Identification of waste or DOT description _____

2. Activity producing waste _____

3. Quantity of waste available _____ gal. _____ lb. _____ yd^3/ _____ yr. _____ mo.

4. Is the waste **a.** ☐ liquid ☐ solid ☐ sludge ☐ aqueous? **b.** ☐ organic ☐ inorganic?
c. ☐ hazardous ☐ nonhazardous? If hazardous, give EPA Waste Code(s) _____

State Waste Code(s) (if applicable) _____

5. Is this waste from a CERCLA (Superfund) site? ☐ Yes ☐ No

6. What is the Btu/lb content of the material? _____

7. Is this ☐ ongoing business ☐ one time only (event)

8. Method of Shipment ☐ Bulk ☐ Systank container ☐ Drum ☐ Other _____

9. List and give approximate concentrations for primary raw materials entering the waste or provide a waste analysis, if available. Account for 100 percent of the waste. If any of the compounds on the back of this form are present in your waste stream, include them in the list below, circle them on the back of the white copy, and check this box ☐.

Material	%	Material	%	Material	%

10. Is the sample being submitted to Systech representative of the waste stream? ☐ Yes ☐ No.
If no, explain _____

To the best of my knowledge, I warrant that the materials delivered to Systech will be in conformity with the description herein and the limitations on the reverse side, and that all information represented by generator in this profile is accurate and complete.

C. Generator Signature _____ Title _____ Date _____

FOR SYSTECH USE ONLY Systech Representative _____

☐ Bulk fuel ☐ Wastewater ☐ Containerized waste ☐ Dry solids ☐ Raw material ☐ Other _____

Systech Environmental Corporation

Acceptable Waste Codes

(as of 10/08/92)

Characteristic Hazardous Waste

	Paulding, OH	Demopolis, AL	Fredonia, KS	Alpena, MI	Greencastle, IN	Lebec, CA
D001	X	X	X	X	X	X
D004	—	X	—	X	X	X
D005	X	X	X	X	X	X
D006	X	X	X	X	X	X
D007	X	X	X	X	X	X
D008	X	X	X	X	X	X
D009	X	X	X	X	X	X
D010	—	X	—	X	X	—
D011	—	X	—	X	X	—
D018	X	X	X	X	X	X
D019	X	X	X	X	X	X
D021	X	X	X	X	X	X
D022	X	X	X	X	X	X
D023	X	X	X	X	X	X
D024	X	X	X	X	X	X
D025	X	X	X	X	X	X
D026	X	X	X	X	X	X
D027	X	X	X	X	X	—
D028	X	X	X	X	X	X
D029	X	X	X	X	X	—
D030	X	X	X	X	X	—
D032	X	X	X	X	X	—
D033	X	X	X	X	X	—
D034	X	X	X	X	X	—
D035	X	X	X	X	X	X
D036	X	X	X	X	X	—
D037	X	X	X	X	X	—
D038	X	X	X	X	X	—
D039	X	X	X	X	X	X
D040	X	X	X	X	X	X
D041	X	X	X	X	X	—
D042	X	X	X	X	X	—

Acceptable Waste Codes are denoted by "X"

Hazardous Waste from Nonspecific Sources

	Paulding, OH	Demopolis, AL	Fredonia, KS	Alpena, MI	Greencastle, IN	Lebec, CA
F001	X	X	X	X	X	X
F002	X	X	X	X	X	X
F003	X	X	X	X	X	X
F004	X	X	X	X	X	X
F005	X	X	X	X	X	X
F024	—	—	—	—	X	—
F025	—	—	—	—	X	—
F037	—	—	X	X	X	—
F038	—	—	X	X	X	—
F039	—	—	—	X	X	—

Hazardous Waste from Specific Sources

	Paulding, OH	Demopolis, AL	Fredonia, KS	Alpena, MI	Greencastle, IN	Lebec, CA
K015	—	—	X	—	X	—
K022	X	X	X	X	X	X
K023	—	—	X	—	—	—
K024	—	—	X	X	X	—
K027	—	—	X	—	—	—
K046	—	—	X	—	X	—
K048	X	X	X	X	X	X
K049	X	X	X	X	X	X
K050	—	—	X	X	X	—
K051	—	—	X	X	X	—
K052	X	X	X	X	X	X
K083	—	X	X	—	X	—
K085	—	X	X	X	X	X
K086	X	X	X	X	X	X
K087	—	X	X	—	X	—
K093	—	—	X	—	—	—
K094	—	—	X	X	X	—
K095	—	X	X	X	X	X
K096	—	X	X	X	X	X

Acceptable Waste Codes are denoted by "X"

Discarded Commercial Chemical Products

	Paulding, OH	Demopolis, AL	Fredonia, KS	Alpena, MI	Greencastle, IN	Lebec, CA
U001	X	X	X	X	X	X
U002	X	X	X	X	X	X
U003	X	X	X	X	X	X
U019	X	X	X	X	X	X
U031	X	X	X	X	X	X
U037	—	X	X	X	X	X
U051	X	X	X	X	X	X
U052	X	X	X	X	X	X
U055	X	X	X	X	X	X
U056	X	X	X	X	X	X
U057	X	X	X	X	X	X
U069	X	X	X	X	X	X
U080	—	X	X	X	X	X
U102	—	X	—	—	X	—
U112	X	X	X	X	X	X
U113	X	X	X	X	X	X
U117	X	X	X	X	X	X
U118	X	X	X	X	X	X
U121	—	X	X	—	X	X
U124	X	X	X	X	X	X
U125	X	X	X	X	X	X
U140	X	X	X	X	X	X
U154	X	X	X	X	X	X
U159	X	X	X	X	X	X
U161	X	X	X	X	X	X
U162	X	X	X	X	X	X
U165	X	X	X	X	X	X
U188	X	X	X	X	X	X
U210	—	X	X	X	X	X
U213	X	X	X	X	X	X
U220	X	X	X	X	X	X
U221	—	—	—	X	—	—
U226	—	X	X	X	X	X
U228	—	X	X	X	X	X
U239	X	X	X	X	X	X

Acceptable Waste Codes are denoted by "X"

ACCEPTANCE AND REJECTION POLICY

Systech and the cement facility have a contract whereby Systech will supply the cement company with combustible liquid wastes that can be used as a supplemental fuel in the cement kilns. The terms of the agreement require that only select materials meeting certain specifications can be delivered to the cement facility. The contract further requires that all incoming shipments be tested and analyzed to ensure that they are indeed acceptable materials. The purpose of this document is to set forth the policy and procedures that Systech will use for the acceptance or rejection of supplemental fuels delivered to the cement facility.

1. Authority. The Systech site manager and/or the designated alternate has the responsibility for performing the quality assurance testing of each shipment of supplemental fuels and has the authority for acceptance or rejection of each shipment of supplemental fuels.

2. Safety. The transporter delivering supplemental fuels to the cement facility will abide by Systech's and the cement company's safety, insurance, and operational rules and regulations and will use trucks equipped with safety items and other necessary equipment. Inadequate or unsafe equipment is reason for rejection of any shipment.

3. Scheduling. All shipments of supplemental fuels must be scheduled with the Systech transportation coordinator in advance. A shipment arriving without the necessary prescheduling may be rejected or delayed.

4. Documentation. All shipments of supplemental fuels will be accompanied with (a) a manifest that complies with state and federal hazardous waste regulations and (b) any other documentation required for the transport of said materials to the cement facility. A shipment arriving without the necessary documentation or with incomplete, improperly prepared, or otherwise deficient documentation may be rejected.

5. Analysis of Shipments. Only materials that have been prequalified will be scheduled for shipment as supplemental fuels. All incoming shipments will be analyzed before the materials will be accepted for delivery as supplemental fuels. Materials that are different from that represented in "The Application for Qualification Form" may be rejected. Normally the analytical screening procedures are accomplished in 30 minutes. However, if the results indicate that further analysis is required, acceptance or rejection may be delayed. The cost of transporter demurrage caused by this delay will be the responsibility of the broker and/or generator.

6. Notification. In the event that a shipment must be rejected, the Systech on-site personnel will give notification to the following organizations:

1. Systech management and salesperson.
2. Haulers and/or generator.
3. Cement company's representative.
4. Regulatory representative, where required.

7. Rejection. A rejected shipment in Systech's possession shall be prepared for lawful transportation and returned to the generator. The shipment shall be returned to the generator within a reasonable time, not to exceed 5 days, after notice of Systech's rejection has been communicated to generator. This shall be done unless within such time the parties agree to some alternative manner for the disposal of the rejected shipment. Generator shall pay Systech its reasonable expenses and charges for handling, loading, demurrage, transporting, storing, and caring for rejected shipments of generator's material in Systech's possession. If generator selects an alternate disposal site versus returning the shipment to the generator's site, generator shall be responsible for all costs relating to transportation, demurrage, disposal, handling, and decontamination of equipment. Title to the material of a rejected shipment shall be and remains with the generator.

Systech Environmental Corporation

NOTIFICATION OF HAZARDOUS WASTE RESTRICTED FROM LAND DISPOSAL

This form must be completed by the generator and should accompany each shipment of waste subject to land ban restrictions (40 CFR 268). Use a separate form for each line (11a, 11b, 11c, 11d) on your manifest. Check the appropriate category(ies) on the table(s) from Sections I, II, and III below and be sure to sign at the bottom.

Generator Name: _____ EPA I.D. #: |_|_|_|_|_|_|_|_|_|_|_|_|

Manifest Doc No.: _____ Systech Waste Profile No.: |_|_|_|_|_|_|_|

Date of Shipment: _____ EPA Waste Code _____

MANIFEST LINE #: ( )11a ( )11b ( )11c ( )11d _____

_____

I. The wastes identified on the above-mentioned manifest number and bearing the EPA Hazardous Waste Number(s) identified above are subject to the land disposal restrictions of 40 CFR Part 268. The wastes do not meet the treatment standards specified in 40 CFR 268 subpart D or the prohibitions specified in 40 CFR 268.32 or RCRA Section 3004 (d). In compliance with the notification requirements of 40 CFR 268, we are indicating below the applicable subcategory, Treatability Group and Treatment Standard Reference or Five Section Code for how the waste must be treated.

F001 to F005 Solvent Wastes

Hazardous Waste Description	Constituents of Concern	Non-Wastewater Total Composition, mg/kg CCW[1]	TCLP, mg/L CCWE[2]	
F001 - Spent halogenated solvents used in degreasing	Carbon tetrachloride	5.6		___
	Methylene chloride	33		___
	Tetrachloroethylene	5.6		___
	1,1,1-trichloroethane	5.6		___
	Trichloroethylene	5.6		___
	1,1,2-Trichloro-1,2,2-trifluorethane	28		___
	Trichlorofluoromethane	33		___
F002-Spent halogenated solvents	Chlorobenzene	5.7		___
	1,2-Dichlorobenzene	6.2		___
	Methylene chloride	33		___
	Methylene chloride (from the pharmaceutical industry)			___
	Tetrachloroethylene	5.6		___
	1,1,1-Trichloroethane	5.6		___
	1,1,2-Trichloroethane	7.6		___
	Trichloroethylene	5.6		___
	1,1,2-Trichloro-1,2,2-tri-fluoroethane	28		___
	Trichlorofluoromethane	33		___
F003-Spent nonhalogenated solvents	Acetone	160		___
	n-Butyl alcohol	2.6		___
	Cyclohexanone		0.75	___
	Ethyl acetate	33		___
	Ethyl benzene	6		___
	Ethyl ether	160		___
	Methanol		0.75	___
	Methyl isobutyl ketone	33		___
	Xylene (total)	28		___
F004-Spent nonhalogenated solvents	Cresols (and cresylic acid)	3.2		___
	o-cresol	5.6		___
	Nitrobenzene	14		___
F005-Spent nonhalogenated solvents	Benzene	3.7		___
	Carbon disulfide		4.81	___
	2-Ethoxyethanol	Incineration		___
	Isobutanol	170		___
	Methyl ethyl ketone	36		___
	2-Nitropropane	Incineration		___
	Pyridine	16		___
	Toluene	28		___

II. California List Wastes

( ) PCBs >50 ppm (incineration).
( ) Liquid hazardous wastes that contain halogenated organic compounds (HOCs) in total concentration > or = to 1,000 mg/l liquids or 1,000 mg/kg (nonliquids). (INCINERATION) (HOCs found in 268.32 Appendix III, see attached).
( ) Nickel (liquid waste) >134 ppm.
( ) Thallium (liquid waste) >130 ppm.

III. Additional Hazardous Characteristics

( ) No additional Hazardous Characteristics are exhibited by this waste which would require treatment beyond the standards described above.

( ) Treatment Standards for the additional Hazardous Characteristics requiring treatment are indicated below.

Table A: TREATMENT STANDARDS FOR ADDITIONAL HAZARDOUS WASTE CHARACTERISTIC TREATMENT STANDARDS (40 CFR 268)
Check any applicable subcategories.

Hazardous Waste Subcategories	Constituents of Concern	NONWASTEWATER Total Composition mg/kg	NONWASTEWATER TCLP mg/L
__ D001 - Ignitable liquids High - TOC nonwastewater (>10% TOC)		INCIN, FSUBS, RORGS	
__ D001 - Ignitable liquids (Low TOC nonwastewater 1% TOC <10%)		DEACT	
__ D001 - Ignitable liquids wastewater (<1% TOC <1% TSS)		N.A.	
__ D001 - Ignitable compressed gases		DEACT	
__ D001 - Ignitable reactives		DEACT	
__ D001 - Oxidizers		DEACT	
__ D002 - Acidic corrosives		DEACT	
__ D002 - Alkaline corrosives		DEACT	
__ D002 - Other corrosives		DEACT	
__ D004 - Arsenic	Arsenic		5
__ D005 - Barium	Barium		100
__ D006 - Cadmium	Cadmium		1
__ D007 - Chromium	Chromium (total)		5
__ D008 - Lead	Lead		5
__ D009 - Low mercury (< 260mg/kg total Hg)	Mercury		0.2
__ D009 - High mercury (> or = 260 mg/kg total Hg)	Mercury w/organics	IMERC, RMERC	
	Mercury w/inorganics	RMERC	
__ D010 - Selenium	Selenium		5.7
__ D011 - Silver	Silver		5
__ D012 - Endrin	Endrin	0.13	
__ D013 - Lindane	Lindane	0.066	
__ D014 - Methoxychlor	Methoxychlor	0.18	
__ D015 - Toxaphene	Toxaphene	1.3	
__ D016 - 2,4-D	2,4-D	10	
__ D017 - 2,4,5-Silvex	2,4,5-TP	7.9	

Abbreviations of technology codes from 40 CFR 268.42:

INCIN (Incineration)
FSUBS (Fuel substitution)
RORGS (Recovery of organics)
IMERC (Roasting/retorting of organics)
RMERC (Incineration followed by roasting/retorting of ash)
WETOX (Wet air oxidation)
DEACT (Deactivation to remove the characteristic)
RTHRM (Thermal recovery)
RLEAD (Thermal recovery of lead in secondary smelters)
AMLGM (Amalgamation)
BIODG (Biodegradation)
CARBN (Carbon adsorption)
CHOXD (Chemical Oxidation)

Table B: 1. List all U.S. EPA hazardous waste codes requiring treatment beyond the standards described in Sections I, II, and Table A. For each waste code: 2. Identify the appropriate line # from the manifest Section 11; 3. List the corresponding subcategory, check none if there is no subcategory; 4. Complete the treatment standards section by placing a checkmark in the appropriate performance-based column or write the appropriate code in the specific technology column (listed above); and 5. Place a checkmark in the column that applies to this waste.

1. U.S. EPA Hazardous Waste Code (s)	2. Manifest Line # Section 11	3. Subcategory Description	3. Subcategory None	4. Applicable Treatment Performance Based 268.41(a) CCWE[2]	4. Applicable Treatment Performance Based 268.43 CCW[1]	4. Applicable Treatment Specified Technology 268.42	5. Waste Manage Method (enter number from below) Nonwaste-water

[1]CCW - Constituent concentrations in wastes. [2]CCWE - Constituent concentrations in waste extract.

Certification

I hereby certify that all information submitted in this and all associated documents is complete and accurate to the best of my knowledge and information.

Company Name _____

Authorized Signature _____ Date _____

Revised 11/09/92

Addendum to Table B

1. U.S. EPA Hazardous Waste Code (s)	2. Manifest Line # Section 11	3. Subcategory		4. Applicable Treatment			5. Waste Manage Method (enter number from below) Nonwaste-water
		Description	None	Performance Based 268.41(a) CCWE[2]	268.43 CCW[1]	Specified Technology 268.42	

Appendix III to 40CFR 268 - List of HOCs Regulated

Bromodichloromethane	Tribromomethane	4,4'-methylenbis(2-chloraniline)	Heptachlor epoxide
Bromomethane	1,1,1-trichloroethane	Pentachlorobenzene	Isodrin
Carbon Tetrachloride	1,1,2-trichloroethane	Pentachloroethane	Kepone
Chlorobenzene	Trichloroethene	Pentachloronitorbenzene	Methoxychlor
2-chloro-1,3,-butadiene	Trichloromonofluoromethane	Pentachlorophenol	Toxaphene
Chlorodibromomethane	1,2,3-trichloropropane	Pronamide	2,4-dichlorophenoxyacetic acid
Chloroethane	Vinyl chloride	1,2,4,5-tetrachlorobenzene	Silvex
2-chloroethyl vinyl ether	Bis(2-chloroethoxy)ethane	2,3,4,6-tetrachlorophenol	2,4,5-T
Chloroform	Bis(2-chloroethyl)ether	1,2,4-trichlorobenzene	Aroclor 1816
Chloromethane	Bis(2-chloroisopropyl)ether	2,4,5-trichlorophenol	Arcolor 1221
3-chloropropene	p-chloroaniline	2,4,6-trichorophenol	Aroclor 1232
1,2-dibromo-3-chloropropane	Chlorobenzilate	Tris(2,3-dibromopropyl)phosphate	Aroclor 1242
1,2-dibromomethane	p-chloro-m-cresol	Aldrin	Aroclor 1248
Dibrosomethane	2-chloronaphthaene	alpha-BHC	Aroclor 1254
t-1,4-dichloro-2-butene	2-chlorophenol	beta-BHC	Aroclor 1260
Dichlorofluoromethane	3-chloropropionitrile	delta-BHC	PCBs not otherwise specified
1,1-dichloroethane	m-dichlorobenzene	gamma-BHC	Hexachlorodibenzo-p-dioxins
1,2-dichloroethane	o-dichlorobenzene	Chlordane	Hexachlorodibenzefuran
1,1-dichloroethylene	p-dichlorobenzene	DDD	Pentachlorodibenzo-p-dioxins
t-1,2-dichloroethene	3,3'-dichlorobenzidine	DDE	Pentachlorodibenzafurans
1,2-dichloropropane	2,4-dichlorophenol	DDT	Tetrachlorodibenze-p-dioxins
t-1,3-dichloropropene	2,6-dichlorophenol	Dieldrin	Tetrachlorodibenzefurans
c-1,3-dichlorpropene	Hexachlorobenzene	Endesulfan	2,3,7,8-Tetrachloro-dibenzo-p-dioxin
Iodomethane	Hexachlorobutadiene	Endosulfan II	
Methylene chloride	Hexachlorocyclopentadiene	Endrin	
1,1,1,2-tetrachloroethane	Hexachloroethane	Endrin aldehyde	
1,1,2,2-tetrachloroethane	Hexachlorprophene	Heptachlor	
Tetrachloroethene	Hexachloropropene		