Connecticut College
Hazardous Waste Determination

Department: _____ Generator: _____ Date: _____

Waste Stream: _____ Characterized by: _____

To determine if the chemical waste generated is a hazardous waste, answer the following questions. If the answer to any question is yes, then the waste is a hazardous waste. Identify ALL hazards associated with the waste. Information on the waste characteristics (e.g., flash point) may be found on the Material Safety Data Sheet(s) (MSDS) for the waste constituents.

1. Is it virgin chemical, or spill clean up materials of virgin chemicals, and listed as a "P" or "U" chemical, in *40 CFR 261.33(e) or (f)*?	If ***Yes***, refer to listed hazard. If ***No***, follow characterization below:		
	Hazardous Waste Code	**Yes/ No**	**If "Yes," hazard is:**
2. Is it a liquid with a flash point ≤ 140°F (Exception: Aqueous solutions of < 24% ethyl alcohol.), or a gas or other material capable of causing fire through friction, absorption, moisture, or spontaneous chemical changes?	**D001**		Ignitable
3. Is it a flammable solid? (Solid materials capable of combustion resulting from friction, adsorption of moisture or spontaneous changes.)	**D001**		Ignitable
4. Is it an oxidizer? (Materials that readily yields oxygen, or accepts electrons, to accelerate combustion.)	**D001**		Ignitable
5. Does it have a pH ≤ 2 or ≥ 12.5?	**D002**		Corrosive
6. Is it normally unstable and readily undergoes violent change without detonating, reacts violently, or forms explosive toxic gases or vapors when mixed with water, contains cyanides, sulfides, or explosives, is capable of detonation if heated, or exhibits explosive decomposition or reaction at normal temperature and pressure. (Examples: cyanide or sulfide wastes and peroxides.)	**D003**		Reactive
7. Does it contain spent halogenated or non-halogenated compounds? *(*See "F" list in *40 CFR 261.31)*	**F001 - F005**.		Toxic
8. Does it contain petroleum oil or polychlorinated biphenyls (PCB's)?			Toxic
9. Does it contain any of the following substances at or above the listed limit? *(TCLP test may be required for determination.)*			Toxic

Metals								
Arsenic	5.0 ppm	**D004**	Barium	100 ppm	**D005**	Cadmium	1.0 ppm	**D006**
Chromium	5.0 ppm	**D007**	Lead	5.0 ppm	**D008**	Mercury	0.2 ppm	**D009**
Selenium	1.0 ppm	**D010**	Silver	5.0 ppm	**D011**			
Pesticides & Herbicides								
Chlordane	0.03 ppm	**D020**	Endrin	0.02 ppm	**D012**	Heptachlor	0.008 ppm	**D031**
Lindane	0.4 ppm	**D013**	Methoxychlor	10 ppm	**D014**	Toxaphene	0.5 ppm	**D015**
2,4-D	10 ppm	**D016**	2,4,5-TP (Silvex)	1.0 ppm	**D017**			
Volatile Organic Compounds								
Benzene	0.5 ppm	**D018**	Carbon tetrachloride	0.5 ppm	**D019**	Chlorobenzene	100.0 ppm	**D021**
Chloroform	6.0 ppm	**D022**	1,2-Dichloroethane	0.5 ppm	**D028**	1,1-Dichloroethylene	0.7 ppm	**D029**
Methyl ethyl ketone	200 ppm	**D035**	Tetrachloroethylene	0.7 ppm	**D039**	Trichlorethylene	0.5 ppm	**D040**
Vinyl chloride	0.2 ppm	**D043**						
Semi-Volatile Organic Compounds								
o-Cresol	200 ppm	**D023**	m-Cresol	200 ppm	**D024**	p-Cresol	200 ppm	**D025**
Cresol	200 ppm	**D026**	1,4-Dichlorobenzene	7.5 ppm	**D027**	2,4-Dinitrotoluene	0.13 ppm	**D030**
Hexachlorobenzene	0.13 ppm	**D032**	Hexachlorobutadiene	2.0 ppm	**D033**	Hexachloroethane	3.0 ppm	**D034**
Nitrobenzene	2.0 ppm	**D036**	Pentachorophenol	100 ppm	**D037**	Pyridine	5.0 ppm	**D038**
2,4,5-Trichlorophenol	400 ppm	**D041**	2,4,6-Trichlorophenol	2.0 ppm	**D042**			

Comments: