

Waste Stream Characterization Form

A. Waste process and description																																																													
Waste description (including chemical/physical description):																																																													
Process generating the waste:																																																													
B. Waste stream determination																																																													
Waste determination based on: <input type="checkbox"/> User knowledge (Process evaluation, SDSs, and interviews) <input type="checkbox"/> Waste analysis (List all sampling dates and attach analytical results)	Date: Date:																																																												
Is the waste a "solid waste" according to §261.2? <i>If no, specify exclusion or exemption by regulatory citation and describe:</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No																																																												
Is the solid waste excluded under §261.4 or exempt from regulation as a hazardous waste? <i>If yes, specify exclusion or exemption by regulatory citation and describe:</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No																																																												
Is the waste a listed hazardous waste? (Detail rationale, as necessary) F-listed per §261.31 K-listed per §261.32 P-listed per §261.33(e) U-listed per §261.33(f)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No																																																												
Is the waste a characteristic hazardous waste? (Detail rationale, as necessary) Ignitable (D001) per §261.21 Corrosive (D002) per §261.22 Reactive (D003) per §261.23 Toxic (D004 – D043) per §261.24 (select constituents below)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No																																																												
<table border="0"> <thead> <tr> <th>Metals (mg/L)</th> <th>Volatiles (mg/L)</th> <th>Semi-Volatiles (mg/L)</th> <th>Pesticides/Herbicides (mg/L)</th> </tr> </thead> <tbody> <tr> <td>D004 <input type="checkbox"/> Arsenic (5.0)</td> <td>D018 <input type="checkbox"/> Benzene (0.5)</td> <td>D023 <input type="checkbox"/> o-Cresol (200.0)</td> <td>D020 <input type="checkbox"/> Chlordane (0.03)</td> </tr> <tr> <td>D005 <input type="checkbox"/> Barium (100.0)</td> <td>D019 <input type="checkbox"/> Carbon Tetrachloride (0.5)</td> <td>D024 <input type="checkbox"/> m-Cresol (200.0)</td> <td>D012 <input type="checkbox"/> Endrin (0.02)</td> </tr> <tr> <td>D006 <input type="checkbox"/> Cadmium (1.0)</td> <td>D021 <input type="checkbox"/> Chlorobenzene (100.0)</td> <td>D025 <input type="checkbox"/> p-Cresol (200.0)</td> <td>D031 <input type="checkbox"/> Heptachlor + epoxide (0.008)</td> </tr> <tr> <td>D007 <input type="checkbox"/> Chromium (5.0)</td> <td>D022 <input type="checkbox"/> Chloroform (6.0)</td> <td>D026 <input type="checkbox"/> Cresol - total (200.0)</td> <td>D013 <input type="checkbox"/> Lindane (0.4)</td> </tr> <tr> <td>D008 <input type="checkbox"/> Lead (5.0)</td> <td>D028 <input type="checkbox"/> 1,2-Dichloroethane (0.5)</td> <td>D027 <input type="checkbox"/> 1,4-Dichlorobenzene (7.5)</td> <td>D014 <input type="checkbox"/> Methoxychlor (10.0)</td> </tr> <tr> <td>D009 <input type="checkbox"/> Mercury (0.2)</td> <td>D029 <input type="checkbox"/> 1,1-Dichloroethylene (0.7)</td> <td>D030 <input type="checkbox"/> 2,4-Dinitrotoluene (0.13)</td> <td>D015 <input type="checkbox"/> Toxaphene (0.5)</td> </tr> <tr> <td>D010 <input type="checkbox"/> Selenium (1.0)</td> <td>D035 <input type="checkbox"/> Methyl Ethyl Ketone (200.0)</td> <td>D032 <input type="checkbox"/> Hexachlorobenzene (0.13)</td> <td>D016 <input type="checkbox"/> 2,4-D (10.0)</td> </tr> <tr> <td>D011 <input type="checkbox"/> Silver (5.0)</td> <td>D039 <input type="checkbox"/> Tetrachloroethylene (0.7)</td> <td>D033 <input type="checkbox"/> Hexachlorobutadiene (0.5)</td> <td>D017 <input type="checkbox"/> 2,4,5-TP (Silvex) (1.0)</td> </tr> <tr> <td></td> <td>D040 <input type="checkbox"/> Trichloroethylene (0.5)</td> <td>D034 <input type="checkbox"/> Hexachloroethane (3.0)</td> <td></td> </tr> <tr> <td></td> <td>D043 <input type="checkbox"/> Vinyl Chloride (0.2)</td> <td>D036 <input type="checkbox"/> Nitrobenzene (2.0)</td> <td></td> </tr> <tr> <td></td> <td></td> <td>D037 <input type="checkbox"/> Pentachlorophenol (100.0)</td> <td></td> </tr> <tr> <td></td> <td></td> <td>D038 <input type="checkbox"/> Pyridine (5.0)</td> <td></td> </tr> <tr> <td></td> <td></td> <td>D041 <input type="checkbox"/> 2,4,5-Trichlorophenol (400.0)</td> <td></td> </tr> <tr> <td></td> <td></td> <td>D042 <input type="checkbox"/> 2,4,6-Trichlorophenol (2.0)</td> <td></td> </tr> </tbody> </table>	Metals (mg/L)	Volatiles (mg/L)	Semi-Volatiles (mg/L)	Pesticides/Herbicides (mg/L)	D004 <input type="checkbox"/> Arsenic (5.0)	D018 <input type="checkbox"/> Benzene (0.5)	D023 <input type="checkbox"/> o-Cresol (200.0)	D020 <input type="checkbox"/> Chlordane (0.03)	D005 <input type="checkbox"/> Barium (100.0)	D019 <input type="checkbox"/> Carbon Tetrachloride (0.5)	D024 <input type="checkbox"/> m-Cresol (200.0)	D012 <input type="checkbox"/> Endrin (0.02)	D006 <input type="checkbox"/> Cadmium (1.0)	D021 <input type="checkbox"/> Chlorobenzene (100.0)	D025 <input type="checkbox"/> p-Cresol (200.0)	D031 <input type="checkbox"/> Heptachlor + epoxide (0.008)	D007 <input type="checkbox"/> Chromium (5.0)	D022 <input type="checkbox"/> Chloroform (6.0)	D026 <input type="checkbox"/> Cresol - total (200.0)	D013 <input type="checkbox"/> Lindane (0.4)	D008 <input type="checkbox"/> Lead (5.0)	D028 <input type="checkbox"/> 1,2-Dichloroethane (0.5)	D027 <input type="checkbox"/> 1,4-Dichlorobenzene (7.5)	D014 <input type="checkbox"/> Methoxychlor (10.0)	D009 <input type="checkbox"/> Mercury (0.2)	D029 <input type="checkbox"/> 1,1-Dichloroethylene (0.7)	D030 <input type="checkbox"/> 2,4-Dinitrotoluene (0.13)	D015 <input type="checkbox"/> Toxaphene (0.5)	D010 <input type="checkbox"/> Selenium (1.0)	D035 <input type="checkbox"/> Methyl Ethyl Ketone (200.0)	D032 <input type="checkbox"/> Hexachlorobenzene (0.13)	D016 <input type="checkbox"/> 2,4-D (10.0)	D011 <input type="checkbox"/> Silver (5.0)	D039 <input type="checkbox"/> Tetrachloroethylene (0.7)	D033 <input type="checkbox"/> Hexachlorobutadiene (0.5)	D017 <input type="checkbox"/> 2,4,5-TP (Silvex) (1.0)		D040 <input type="checkbox"/> Trichloroethylene (0.5)	D034 <input type="checkbox"/> Hexachloroethane (3.0)			D043 <input type="checkbox"/> Vinyl Chloride (0.2)	D036 <input type="checkbox"/> Nitrobenzene (2.0)				D037 <input type="checkbox"/> Pentachlorophenol (100.0)				D038 <input type="checkbox"/> Pyridine (5.0)				D041 <input type="checkbox"/> 2,4,5-Trichlorophenol (400.0)				D042 <input type="checkbox"/> 2,4,6-Trichlorophenol (2.0)		
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Is the waste PCB-contaminated? <i>If yes, verify RCRA status at §261.8. (TSCA regulations may apply.)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No																																																												
RCRA waste determination: <input type="checkbox"/> Hazardous with waste codes _____ <input type="checkbox"/> Nonhazardous <input type="checkbox"/> Exempt because _____ <input type="checkbox"/> Used oil <input type="checkbox"/> Universal waste																																																													

Waste Stream Characterization Form (continued)

C. Waste storage, treatment, and disposal		
Specific description of waste management from generation point to final disposition:		
Approximate waste generation rate:		
Are land disposal restrictions (LDR) applicable? If yes, specify treatability group: <input type="checkbox"/> Wastewater <input type="checkbox"/> Nonwastewater	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Are UHCs present above treatment standards? <i>[Only applicable to certain characteristically hazardous waste codes specified by regulation.]</i> If yes, specify UHCs:	<input type="checkbox"/> Yes <input type="checkbox"/> No	
DOT shipping name:		
Environmental Manager's Signature	Printed/typed name & title	Date

IMPORTANT: Attach all supporting documentation (e.g., SDSs, laboratory analysis, generator knowledge, etc.) to this waste stream determination.

Waste Characterization Review

I have reviewed the process generating this waste and have found, to the best of my knowledge, that no changes have been made to materially affect the waste generated (e.g., require additional or elimination of codes). *If this is not the case, then a new Waste Stream Characterization Form must be completed.*

Reviewer's signature	Printed/typed name & title	Date

Source: Adapted by McCoy and Associates, Inc.