

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 14

Dioxin Waste Listing and Management Standards

50 FR 1978-2006

January 14, 1985

(HSWA Cluster I)

				STATE ANALOG IS:	
		ANALOGOUS	EQUIV-	MORE	BROADER
FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	STATE CITATION	ALERT	STRINGENT	IN SCOPE

PART 261 - IDENTIFICATION AND LISTING OF HAZARDOUS WASTE

SUBPART A - GENERAL

SPECIAL REQUIREMENTS FOR HAZARDOUS WASTE GENERATED BY SMALL QUANTITY GENERATORS

acutely hazardous 261.5(e)(1)

residues 261.5(e)(2)

RESIDUES OF HAZARDOUS WASTE IN EMPTY CONTAINERS

definition of empty 261.7(b)(1)

definition of empty
for acute hazardous
wastes 261.7(b)(3)

SUBPART D - LISTS OF HAZARDOUS WASTES

GENERAL

acute "F" wastes 261.30(d)

HAZARDOUS WASTE FROM NONSPECIFIC SOURCES

list of "F" wastes 261.31

§261.31 - Hazardous waste from non-specific sources

EPA Hazardous Waste No.	Hazardous Waste	Hazard Code
F020.....	Wastes except wastewater and spent carbon from hydrogen chloride purification) from the production or manufacturing use (As a reactant, chemical intermediate, or component in a formulating process) of tr- or tetrachlorophenol, or of intermediates used to produce their pesticide derivatives. (This listing does not include wastes from the production of Hexachlorophene from highly purified 2,4,5-trichlorophenol.)	(H)

(continued on next page)

		STATE ANALOG IS:			
		ANALOGOUS	EQUIV-	MORE	BROADER
FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	STATE CITATION	ALERT	STRINGENT	IN SCOPE
F021.....	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of pentachlorophenol, or of intermediates used to produce its derivatives.				(H)
F022.....	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tetra-, penta-, or hexachlorobenzenes under alkaline conditions.				(H)
F023....	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tri- and tetrachlorophenols. (This listing does not include wastes from highly purified 2,4,5-trichlorophenol.				(H)
F026....	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production of materials on equipment previously used for the manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tetra-, penta- or hexachlorobenzene under alkaline conditions.				(H)
F027...	Discarded unused formulations containing tri-, tetra-, or pentachlorophenol or discarded unused formulations containing compounds derived from these chlorophenols. (This listing does not include formulations containing Hexachlorophene synthesized from prepurified 2,4,5-trichlorophenol as the sole component.)				(H)
F028...	Residues resulting from the incineration or thermal treatment of soil contaminated with EPA Hazardous Waste Nos. F020, F021, F022, F023, F026, and F027.				(T)
DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES					
toxic "U" wastes	261.33(f)				

				STATE ANALOG IS:		
		ANALOGOUS	EQUIV-	MORE	BROADER	
FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	STATE CITATION	ALERT	STRINGENT	IN SCOPE	

Note: Amend §261.33(f) by revising the hazardous waste numbers for the following substances:

Hazardous Waste No.	Substance
* * *	* * *
See F027.....	Pentachlorophenol.
* * *	* * *
See F027.....	Phenol, pentachloro-
Do.....	Phenol, 2,3,4,6-tetrachloro-
Do.....	Phenol, 2,4,5-trichloro-
Do.....	Phenol, 2,4,6-trichloro-
* * *	* * *
See F027.....	Propionic acid, 2-(2,4,5-trichlorophenoxy)-.
* * *	* * *
See F027.....	Silvex.
* * *	* * *
See F027.....	2,3,4,6-Tetrachlorophenol.
* * *	* * *
See F027.....	2,4,5-Trichlorophenol.
Do.....	2,4,6-Trichlorophenol.
Do.....	2,4,5-Trichlorophenoxyacetic acid.
* * *	* * *

APPENDIX III TO PART 261

ANALYTICAL METHODS

		STATE ANALOG IS:			
		ANALOGOUS	EQUIV-	MORE	BROADER
FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	STATE CITATION	ALENT	STRINGENT	IN SCOPE

remove entry
chlorinated
dibenzodioxins

Table 1

add new entries

Table 1

Table 1 - Analytical Methods for Organic Chemicals Contained in SW-846

Compound	First Edition Method	Second Edition Method
Chlorinated dibenzo-p-dioxins.....		8280
Chlorinated dibenzofurans.....		8280

add new entry

Table 3

Table 3 - Sampling and Analysis Methods Contained in SW-846

Title	First Edition		Second Edition	
	Section No.	Method No.	Section No.	Method No.
Analysis of Chlorinated Dioxins and Dibenzofurans.....			8.2	8280

APPENDIX VII TO PART 261

BASIS FOR LISTING HAZARDOUS WASTE

add new entries

Appendix VII

Appendix VII - Basis for Listing Hazardous Wastes

EPA Hazardous Waste No.	Hazardous constituents for which listed
F020.....	Tetra- and pentachlorodibenzo-p-dioxins; tetra- and pentachlorodibenzofurans; tri- and tetrachlorophenols and their chlorophenoxy derivative acids, esters, ethers, amine and other salts.
F021.....	Penta- and hexachlorodibenzo-p-dioxins; penta- and hexachlorodibenzofurans; pentachlorophenol and its derivatives.
F022.....	Tetra-, and penta-, and hexachlorodibenzo-p-dioxins; tetra-, penta- and hexachlorodibenzofurans
F023.....	Tetra- and pentachlorodibenzo-p-dioxins; tetra- and pentachlorodibenzofurans; tri- and tetrachlorophenols and their chlorophenoxy derivative acids, esters, ethers, amine and other salts.
F024.....	Tetra-, penta-, and hexachlorodibenzo-p-dioxins; tetra-, penta-, and hexachlorodibenzofurans.

		STATE ANALOG IS:			
		ANALOGOUS	EQUIV-	MORE	BROADER
FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	STATE CITATION	ALERT	STRINGENT	IN SCOPE
F027.....	Tetra-, penta-, and hexachlorodibenzo-p-dioxins; tetra-, penta-, and hexachlorodibenzofurans; tri-, tetra-, and pentachlorophenols and their chlorophenoxy derivative acids, eters, ethers, amine and other salts.				
F028.....	Tetra-, penta-, and hexachlorodibenzo-p-dioxins; tetra-, penta-, and hexachlorodibenzofurans; tri-, tetra-, and pentachlorophenols and their chlorophenoxy derivative acids, esters, ethers, amine and other salts.				

APPENDIX VIII TO PART 261

HAZARDOUS CONSTITUENTS

add new entries Appendix VIII

Appendix VIII - Hazardous Constituents

hexachlorodibenzo-p-dioxins
hexachlorodibenzofurans
pentachlorodibenzo-p-dioxins
pentachlorodibenzofurans
tetrachlorodibenzo-p-dioxins
tetrachlorodibenzofurans

APPENDIX X TO PART 261

METHOD OF ANALYSIS FOR CHLORINDATED DIBENZO-P-DIOXINS AND DIBENZOFURANS

method 8280 Appendix X

See 50 FR 2001 - 2003 for method

PART 264 - STANDARDS FOR OWNERS AND OPERATORS OF HAZARDOUS WASTE TREATMENT, STORAGE, AND DISPOSAL FACILITIES

CONTAINMENT

exception 264.175(c)

containment system 264.175(d)

SUBPART J - TANKS

STATE ANALOG IS:

FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	MORE STRINGENT	BROADER IN SCOPE
---------------------	-----------------------	-----------------------------	-----------------	-------------------	---------------------

INSPECTIONS

1 contingency plan 264.194(c)(2)

SPECIAL REQUIREMENTS

1 dioxin requirements 264.200(a)

SUBPART K - SURFACE IMPOUNDMENTS

SPECIAL REQUIREMENTS

dioxin requirements 264.259(a)

additional requirements 264.259(b)

SUBPART M - LAND TREATMENT

SPECIAL REQUIREMENTS

dioxin requirements 264.283(a)

additional requirements 264.283(b)

SUBPART N - LANDFILLS

SPECIAL REQUIREMENTS

dioxin requirements 264.317(a)

additional requirements 264.317(b)

SUBPART O - INCINERATORS

		STATE ANALOG IS:			
		ANALOGOUS	EQUIV-	MORE	BROADER
FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	STATE CITATION	ALERT	STRINGENT	IN SCOPE

PERFORMANCE STANDARDS

dioxin DRE requirements	264.343(a)
-------------------------	------------

PART 265 - INTERIM STANDARDS FOR OWNERS AND OPERATORS OF HAZARDOUS WASTE TREATMENT, STORAGE, AND DISPOSAL FACILITIES

SUBPART A - GENERAL

PURPOSE, SCOPE, AND APPLICABILITY

dioxin management	265.1(d)(1)
-------------------	-------------

SUBPART O - INCINERATORS

INTERIM STATUS INCINERATORS BURNING PARTICULAR HAZARDOUS WASTES

dioxin certification	265.352(a)
certification standards	265.383(b)

SUBPART P - THERMAL TREATMENT

INTERIM STATUS THERMAL TREATMENT BURNING PARTICULAR HAZARDOUS WASTES

dioxin certification	265.383(a)
certification standards	265.383(b)

PART 270 - EPA ADMINISTERED PERMIT PROGRAMS: THE HAZARDOUS WASTE PERMIT PROGRAM

CONTENTS OF PART B

contingency plan	270.14(b)(7)
------------------	--------------

		STATE ANALOG IS			
		ANALOGOUS	EQUIV-	MORE	BROADER
FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	STATE CITATION	ALERT	STRINGENT	IN SCOPE

FACILITY SPECIFIC PART B INFORMATION

tanks	270.16(g)
surface impoundments	270.17(j)
waste piles	270.18(j)
land treatment	270.20(j)
landfills	270.21(j)

1 Note these changes were completely superseded by the July 14, 1988 (51 FR 25422) final rule addressed by Revision Checklist 28.