

US EPA ARCHIVE DOCUMENT

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RCRA REVISION CHECKLIST 14

Dioxin Waste Listing and Management Standards
50 FR 1978-2006
January 14, 1985

FEDERAL REQUIREMENT	RCRA CITE	STATE AUTHORITY		IF DIFFERENT FROM FEDERAL REQUIREMENT, EXPLAIN
		STATUTE	REGULATION	

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)	335.78(e)(1)	
residues	261.5(e)(2)	335.78(e)(2)	

RESIDUES OF HAZARDOUS WASTE IN EMPTY CONTAINERS

definition of empty	261.7(b)(1)	335.41(f)(2)(A)	
acute hazardous wastes	261.7(b)(3)	335.41(f)(2)(C)	

SUBPART D - LISTS OF HAZARDOUS WASTES.

GENERAL

acute "F" wastes	261.30(d)	SWDA §2 335.1 (definition of hazardous waste)	
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HAZARDOUS WASTE FROM NONSPECIFIC SOURCES

list of "F" wastes	261.31	SWDA §2 335.1 (definition of hazardous waste)	
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§261.31 - Hazardous waste from non-specific sources

EPA hazardous waste No.	Hazardous waste	Hazard Code
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F020.....Waste (except wastewater and spent carbon from hydrogen chloride (H) purification) from the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tri- 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.)

F021.....Wastes (except wastewater and spent carbon from hydrogen chloride (H) 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.

(continued on next page)

RCRA REVISION CHECKLIST: Dioxin Listing and Management Standards (cont'd)

FEDERAL REQUIREMENT	RCRA CITE	STATE AUTHORITY		IF DIFFERENT FROM FEDERAL REQUIREMENT, EXPLAIN
		STATUTE	REGULATION	
F022.....	Waste (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 production of materials on equipment previously used for the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tri- and tetrachlorophenols. (This listing does not include wastes from equipment used only for the production or use of Hexachlorophene 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.			(H)

DISCARDED COMMERCIAL CHEMICAL PRODUCTS,
OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES

Toxic "U" wastes	261.33(f)	SWDA §2 335.1	(definition of hazardous waste)
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NOTE: the following "U" wastes have been removed from the §261.33(f) list since they are now regulated under §261.31:

- U242 - Pentachlorophenol
- U242 - Phenol, pentachloro-
- U212 - Phenol, 2,3,4,6-tetrachloro-
- U230 - Phenol, 2,4,5-trichloro
- U231 - Phenol, 2,4,6-trichloro
- U233 - Propionic acid, 2-(2,4,5-trichlorophenoxy)-
- U233 - Silvex
- U232 - 2,4,5-T
- U212 - 2,3,4,6-Tetrachlorophenol
- U230 - 2,4,5-Trichlorophenol
- U231 - 2,4,6-Trichlorophenol
- U232 - 2,4,5-Trichlorophenoxyacetic acid

RCRA REVISION CHECKLIST: Dioxin (continued)

FEDERAL REQUIREMENT	RCRA CITE	STATE AUTHORITY		IF DIFFERENT FROM FEDERAL REQUIREMENT, EXPLAIN
		STATUTE	REGULATION	

APPENDIX III TO PART 261

ANALYTICAL METHODS

remove entry chlorinated dibenzodioxins	Table 1	335.29	Adoption of Federal rules by reference
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	"	"
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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

RCRA REVISION CHECKLIST: Dioxin (continued)

FEDERAL REQUIREMENT	RCRA CITE	STATE AUTHORITY		IF DIFFERENT FROM FEDERAL REQUIREMENT, EXPLAIN
		STATUTE	REGULATION	

APPENDIX VII TO PART 261

BASIS FOR LISTING HAZARDOUS WASTE

add new entries	Appendix VII	335.29	Adoption of federal rules by reference.
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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-, 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.
- F026.....Tetra-, penta-, and hexachlorodibenzo-p-dioxins; tetra-, penta-, and hexachlorodibenzofurans.
- F027.....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.
- 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.

RCRA REVISION CHECKLIST: Dioxin (continued)

FEDERAL REQUIREMENT	RCRA CITE	STATE AUTHORITY		IF DIFFERENT FROM FEDERAL REQUIREMENT, EXPLAIN
		STATUTE	REGULATION	

APPENDIX VIII TO PART 261

HAZARDOUS CONSTITUENTS

add new entries	Appendix VIII	335.29	Adoption of federal rules by reference.
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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 CHLORINATED DIBENZO-P-DIOXINS AND DIBENZO-FURANS

method 8280	Appendix X	"	"
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SEE 50 FR 2001 - 2003 for method

PART 264 - STANDARDS FOR OWNERS AND OPERATORS OF TSD's

SUBPART I - CONTAINERS

CONTAINMENT

exception	264.175(c)	335.152(a)(7)	Adoption of federal rules by reference.
containment system	264.175(d)	"	"

SUBPART J - TANKS

INSPECTIONS

contingency plan	264.194(c)(2)	335.152(a)(8)	Adoption of federal rules by reference.
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SPECIAL REQUIREMENTS

dioxin requirements	264.200(a)	"	"
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RCRA REVISION CHECKLIST: Dioxin (continued)

FEDERAL REQUIREMENT	RCRA CITE	STATE AUTHORITY		IF DIFFERENT FROM FEDERAL REQUIREMENT, EXPLAIN
		STATUTE	REGULATION	

SUBPART K - SURFACE IMPOUNDMENTS

SPECIAL REQUIREMENTS

dioxin requirements	264.231(a)	335.152(a) (9)	Adoption of federal rules by reference.
additional requirements	264.231(b)	335.152(a) (9)	Adoption of federal rules by reference.

SUBPART L - WASTE PILES

SPECIAL REQUIREMENTS

dioxin requirements	264.259(a)	335.152(a) (10)	Adoption of federal rules by reference.
additional requirements	264.259(b)	335.152(a) (10)	Adoption of federal rules by reference.

SUBPART M - LAND TREATMENT

SPECIAL REQUIREMENTS

dioxin requirements	264.283(a)	335.152(a) (11)	Adoption of federal rules by reference.
additional requirements	264.283(b)	335.152(a) (11)	Adoption of federal rules by reference.

SUBPART N - LANDFILLS

SPECIAL REQUIREMENTS

dioxin requirements	264.317(a)	335.152(a) (12)	Adoption of federal rules by reference.
additional requirements	264.317(b)	335.152(a) (12)	Adoption of federal rules by reference.

SUBPART O - INCINERATORS

PERFORMANCE STANDARDS

dioxin DRE requirements	264.343(a)	335.152(a) (13)	Adoption of federal rules by reference.
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RCPA REVISION CHECKLIST: Dioxin (continued)

FEDERAL REQUIREMENT	PCRA CITE	STATE AUTHORITY		IF DIFFERENT FROM FEDERAL REQUIREMENT, EXPLAIN
		STATUTE	REGULATION	

PART 265 - INTERIM STANDARDS FOR OWNERS AND OPERATORS OF TSDF'S

SUBPART A - GENERAL

PURPOSE, SCOPE, AND APPLICABILITY

dioxin management	265.1(d)(1)	335.111(b)	
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SUBPART O - INCINERATORS

INTERIM STATUS INCINERATORS BURNING PARTICULAR HAZARDOUS WASTES

dioxin certification	265.352(a)	335.112(a) (14)	Adoption of federal rules by reference.
certification standards	265.352(b)	335.112(a) (14)	Adoption of federal rules by reference.

SUBPART P - THERMAL TREATMENT

INTERIM STATUS THERMAL TREATMENT BURNING PARTICULAR HAZARDOUS WASTES

dioxin certification	265.383(a)	335.112(a) (15)	Adoption of federal rules by reference.
certification standards	265.383(b)	335.112(a) (15)	Adoption of federal rules by reference.

PART 270 - PERMIT PROGRAM

SUBPART B - PERMIT INFORMATION

CONTENTS OF PART B

contingency plan	270.14(b)(7)	305.50(4)	
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FACILITY SPECIFIC PART B INFORMATION

tanks	270.16(g)	305.50(4)	
surface impoundments	270.17(j)	305.50(4)	
waste piles	270.18(j)	305.50(4)	
land treatment	270.20(i)	305.50(4)	
landfills	270.21(j)	305.50(4)	