

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 135

Recovered Oil Exclusion
 59 FR 38536-38545
 July 28, 1994
 (RCRA Cluster V, Non-HSWA provisions)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE

PART 261 - IDENTIFICATION AND LISTING OF HAZARDOUS WASTE

SUBPART A - GENERAL

† DEFINITION OF HAZARDOUS WASTE

change "(v) through (viii)" to "(iv) through (vi)"	261.3(c)(2)(ii)(B)	105.D.33.b	EQ			✓
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† EXCLUSIONS

add new paragraph addressing exclusion for recovered oil from petroleum refining, exploration and production, and from transportation incident thereto, which is inserted in the petroleum refining process; applies to recovered oil stored or transported prior to insertion; definition of recovered oil; what "recovered oil" does not include	261.4(a)(12)	105.D.43.g	EQ			✓
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RCRA REVISION CHECKLIST 135: Recovered Oil Exclusion (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE

† REQUIREMENTS FOR RECYCLABLE MATERIALS

after "practices", add parenthetical phrase "this exemption does not apply to fuels produced from oil recovered from oil-bearing hazardous waste, where such recovered oil is already excluded under § 261.4(a)(12)"	261.6(a)(3)(iv)	¹ 4105.B.8	EQ			
remove old 261.6(a)(3)(v) and redesignate old 261.6(a)(3)(vi) as new 261.6(a)(3)(v)	261.6(a)(3)(v)	4105.B.9	EQ			
redesignate old 261.6(a)(3)(vii) as new 261.6(a)(3)(vi); replace the phrase "at the same facility at which such wastes were generated" with "by the same person who generated the waste"	261.6(a)(3)(vi)	4105.B.12	EQ			

PART 266 - STANDARDS FOR THE MANAGEMENT OF SPECIFIC HAZARDOUS WASTES AND SPECIFIC TYPES OF HAZARDOUS WASTE MANAGEMENT FACILITIES

SUBPART H - HAZARDOUS WASTE BURNED IN BOILERS AND INDUSTRIAL FURNACES

† APPLICABILITY

replace "(v-viii)" with "(iv) through (vi)"	266.100(b)(3)	3001.B.3	EQ			
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¹ 40 CFR 261.6(a)(3)(iv) was interpreted as 261.6(a)(3)(iii) in order maintain consistency with the federal requirements and analogous state citation.

RCRA REVISION CHECKLIST 136

Removal of the Conditional Exemption
for Certain Slag Residues
59 FR 43496-43500
as amended August 24, 1994
(RCRA Cluster V, HSWA provisions)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
PART 266 - STANDARDS FOR THE MANAGEMENT OF SPECIFIC HAZARDOUS WASTE AND SPECIFIC TYPES OF HAZARDOUS WASTE MANAGEMENT FACILITIES						
SUBPART C - RECYCLABLE MATERIALS USED IN A MANNER CONSTITUTING DISPOSAL						
APPLICABILITY						
add new paragraph; uses of slags from HTMR processing of hazardous wastes K061, K062 and F006 not covered by 266.20(b)	266.20(c)	4139.C	EQ			
PART 268 - LAND DISPOSAL RESTRICTIONS						
SUBPART D - TREATMENT STANDARDS						
redesignate Footnote 2 as Footnote 3 at the end of the table and at the "F020-F023 . . ." entry in the table; add reference to Footnote 2 at F006, K061 and K062; at end of table add a new Footnote 2: "See also restrictions on use of slags for anti-skid/deicing purposes in §266.20(c)"	268.41(a)/ Table CCWE	¹ Chapter 22, Table 2	EQ			

¹Federal Requirements were never located in 268.41(a)/Table CCWE; therefore there is no state equivalent.

RCRA REVISION CHECKLIST 137
Universal Treatment Standards and Treatment Standards for Organic
Toxicity Characteristic Wastes and Newly Listed Wastes
59 FR 47982-48110
September 19, 1994
as amended at 60 FR 242-302, January 3, 1995
(RCRA Cluster V, HSWA/non-HSWA provisions)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
PART 260 - HAZARDOUS WASTE MANAGEMENT SYSTEM: GENERAL						
SUBPART C - RULEMAKING PETITIONS						
† VARIANCES FROM CLASSIFICATION AS A SOLID WASTE						
change "Regional Administrator" to "Administrator"	260.30 intro	105.D.28, 29, & 30	EQ			✓
remove "primary" from production process	260.30(b)	105.D.29			MS	✓
† STANDARDS AND CRITERIA FOR VARIANCES FROM CLASSIFICATION AS A SOLID WASTE						
change both occurrences of "Regional Administrator" to "Administrator"; remove "standards and" from the last sentence	260.31(a)	105.D.28	EQ			✓
change "Regional Administrator" to "Administrator"	260.31(b)	105.D.29	EQ			✓
† VARIANCE TO BE CLASSIFIED AS A BOILER						
change "Regional Administrator" to "Administrator"	260.32 intro	105.D.31	EQ			✓
† PROCEDURES FOR VARIANCES FROM CLASSIFICATION AS A SOLID WASTE OR TO BE CLASSIFIED AS A BOILER						
change "Regional Administrator" to "Administrator"	260.33 intro	105.K	EQ			✓

RCRA REVISION CHECKLIST 137: Universal Treatment Standards and Treatment Standards for Organic Toxicity Characteristic Wastes and Newly Listed Wastes (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
change "Regional Administrator" to "Administrator"; replace "in the region where the recycler is located" with "for the variance"; remove "of this part" after "260.32"	260.33(a)	105.K.1	EQ			✓
change the three occurrences of "Regional Administrator" to "Administrator"; remove ", and this decision may not be appealed to the Administrator"	260.33(b)	105.K.2	EQ			✓

PART 261 - IDENTIFICATION AND LISTING OF HAZARDOUS WASTE

SUBPART A - GENERAL

DEFINITION OF SOLID WASTE

† insert "or land disposed" after "first being reclaimed"; replace the phrase "raw material feedstock, and the process must use raw materials as principal feedstocks": with "feedstock materials"; add a sentence prohibiting the placement on the land of materials that are returned to a secondary process	261.2(e)(1)(iii)	109.Solid Waste.5.a.iii	EQ			✓
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RCRA REVISION CHECKLIST 137: Universal Treatment Standards and Treatment Standards for Organic Toxicity Characteristic Wastes and Newly Listed Wastes (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE

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

SUBPART A - GENERAL

PURPOSE, SCOPE AND APPLICABILITY

replace "268.42, Table 2, of this chapter," with "268.40 of this chapter, Table Treatment Standards for Hazardous Wastes"; replace "corrosive (D002)" with "reactive (D003)"; remove "of this part" after "§264.17(b)"	264.1(g)(6)	1501.C.6	EQ				
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PART 265 - INTERIM STATUS STANDARDS FOR OWNERS AND OPERATORS OF HAZARDOUS WASTE TREATMENT, STORAGE, AND DISPOSAL FACILITIES

SUBPART A - GENERAL

PURPOSE, SCOPE, AND APPLICABILITY

replace "268.42, Table 2, of this chapter," with "268.40 of this chapter, Table Treatment Standards for Hazardous Wastes"; replace "corrosive (D002)" with "reactive (D003)"; remove "in order" before "to remove"	265.1(c)(10)	4307 (1501.C.6)	EQ				
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RCRA REVISION CHECKLIST 137: Universal Treatment Standards and Treatment Standards for Organic Toxicity Characteristic Wastes and Newly Listed Wastes (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE

PART 266 - STANDARDS FOR THE MANAGEMENT OF SPECIFIC HAZARDOUS WASTES AND SPECIFIC TYPES OF HAZARDOUS WASTE MANAGEMENT FACILITIES

SUBPART C - RECYCLABLE MATERIALS USED IN A MANNER CONSTITUTING DISPOSAL

STANDARDS APPLICABLE TO USERS OF MATERIALS THAT ARE USED IN A MANNER THAT CONSTITUTES DISPOSAL

1	replace "Subparts A through N of parts 264 and 265 and Parts 270 and 124" with "subparts A through N of parts 264 and 265 and parts 268, 270 and 124"	266.23(a)	4139.B.3	EQ			
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SUBPART H - HAZARDOUS WASTE BURNED IN BOILERS AND INDUSTRIAL FURNACES

APPLICABILITY

	insert "or mercury recovery furnace," after the first "recovery furnace"	266.100(c)(1)	3001.C.1	EQ			
	insert "or mercury" after "nickel-chromium"; insert "(c)(3)" at the end of paragraph	266.100(c)(3)	3001.C.3	EQ			
	replace "and XII" with ", XII, and XIII"	266.100(c)(3)(i)	3001.C.3.a	EQ			
2	insert "of this part" after "appendix XI"; insert "of this part" after "appendix XII"; after "nickel or chromium" insert "a waste listed in appendix XIII of this part must contain recoverable levels of mercury and contain less than 500 ppm of 40 CFR part 261, appendix VIII organic constituents."	266.100(c)(3)(i)(A)	3001.C.3.a.i	EQ			

RCRA REVISION CHECKLIST 137: Universal Treatment Standards and Treatment Standards for Organic Toxicity Characteristic Wastes and Newly Listed Wastes (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
replace "or XII" with "XII, or XIII"	266.100(c)(3)(ii)	3001.C.3.b	EQ			

APPENDIX XIII TO PART 266

MERCURY BEARING WASTES THAT MAY BE PROCESSED IN EXEMPT MERCURY RECOVERY UNITS

add a new appendix addressing certain mercury-bearing wastes	266/Appendix XIII	Chapter 30. Appendix M	EQ			
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PART 268 - LAND DISPOSAL RESTRICTIONS

SUBPART A - GENERAL

PURPOSE, SCOPE AND APPLICABILITY

replace the ending period with "; and"	268.1(c)(3)(ii)	2201.G.4.b	EQ			
add a new paragraph addressing D001 High TOC subcategory wastes or D012-D017 pesticide wastes	268.1(c)(3)(iii)	2201.G.4.c	EQ			
after "corrosive (D002)," add "or are organic constituents that exhibit the characteristic of toxicity (D012-D043),"; replace "268.2 of this part" with "268.2(i)"; replace the ending period with a semicolon and add the phrase "discharges from safety showers and rinsing and cleaning of personal safety equipment; and rinsate from empty containers or from containers that are rendered empty by that rinsing; or"	268.1(e)(4)	2201.I.3	EQ			

RCRA REVISION CHECKLIST 137: Universal Treatment Standards and Treatment Standards for Organic Toxicity Characteristic Wastes and Newly Listed Wastes (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
insert "for hazardous characteristic wastes" after "prohibitions"; replace "or corrosivity (D002)" with ", corrosivity (D002), or organic toxicity (D012-D043)"; remove "that are commingled with ...laboratory operations,"; change the two occurrences of "headwork" to "headworks"	268.1(e)(5)	2201.1.4	EQ			✓
DEFINITIONS APPLICABLE TO THIS PART						
insert ", namely lead acid batteries, cadmium batteries, and radioactive lead solids" after "Part 268"	268.2(g)	2203.A.Debris	EQ			✓
3 rewrite definition to refer to the constituents listed in 268.48 Table UTS-- Universal Treatment Standards which can reasonably be expected to be present at point of generation, excluding zinc and vanadium	268.2(i)	2203.A.Underlying Hazardous Constituents	EQ			✓

RCRA REVISION CHECKLIST 137: Universal Treatment Standards and Treatment Standards for Organic Toxicity Characteristic Wastes and Newly Listed Wastes (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
WASTE ANALYSIS AND RECORDKEEPING						
4 replace existing paragraph; generator determines whether listed waste is a restricted waste; 268.32 exception; if characteristic is exhibited, he must test the extract using method 1311 (TCLP) or use knowledge of waste to determine whether restricted from land disposal; what the generator must do if he determines that his waste exhibits characteristic of ignitability, or corrosivity and is prohibited under 268.37, and/or organic toxicity and is prohibited under 268.38	268.7(a)	2245.A	EQ			✓
3 insert "it" before "exceeds"; remove the end of the first sentence after "notify the treatment or storage facility in writing"	268.7(a)(1)	2245.B	EQ			✓
remains unchanged even though included in rule	268.7(a)(1)(i)	2245.B.1	EQ			✓
3 replace with subparagraph addressing waste constituents the treater will monitor, if monitoring will not include all regulated constituents for specified wastes; generator must indicate whether wastewater or nonwastewater	268.7(a)(1)(ii)	2245.B.2	EQ			✓

RCRA REVISION CHECKLIST 137: Universal Treatment Standards and Treatment Standards for Organic Toxicity Characteristic Wastes and Newly Listed Wastes (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
remains unchanged even though included in rule	268.7(a)(1)(iii)	2245.B.3	EQ			
3 replace "40 CFR 268.45; and" with "40 CFR 268.45;"	268.7(a)(1)(iv)	2245.B.5	EQ			
replace "Waste" with "The waste"; replace ending period with "; and,"	268.7(a)(1)(v)	2245.B.4	EQ			
3 add new subparagraph: "The date the waste is subject to the prohibitions."	268.7(a)(1)(vi)	2245.B.6	EQ			
remains unchanged even though included in this rule	268.7(a)(2)	2245.C	EQ			
remains unchanged even though included in this rule	268.7(a)(2)(i)	2245.C.1	EQ			
remains unchanged even though included in this rule	268.7(a)(2)(i)(A)	2245.C.1.a	EQ			
3 replace subparagraph; waste constituents the treater will monitor, if monitoring will not include all regulated constituents for specified wastes; indicate whether wastewater or nonwastewater	268.7(a)(2)(i)(B)	2245.C.1.b	EQ			
remains unchanged even though included in this rule	268.7(a)(2)(i)(C)	2245.C.1.c	EQ			
remains unchanged even though included in this rule	268.7(a)(2)(i)(D)	2245.C.1.d	EQ			

RCRA REVISION CHECKLIST 137: Universal Treatment Standards and Treatment Standards for Organic Toxicity Characteristic Wastes and Newly Listed Wastes (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
remains unchanged even though included in this rule	268.7(a)(2)(ii)	2245.C.2	EQ			
remains unchanged even though included in this rule	268.7(a)(3)	2245.D	EQ			
remains unchanged even though included in this rule	268.7(a)(3)(i)	2245.D.1	EQ			
replace subparagraph; waste constituents the treater will monitor, if monitoring will not include all regulated constituents for specified wastes; generator must indicate whether wastewater or nonwastewater	268.7(a)(3)(ii)	2245.D.2	EQ			
remains unchanged even though included in this rule	268.7(a)(3)(iii)	2245.D.3	EQ			
remains unchanged even though included in this rule	268.7(a)(3)(iv)	2245.D.4	EQ			
completely revise and reorganize, adding new subparagraphs (A) and (B); for hazardous debris when using alternative treatment technologies provided by 268.45	268.7(a)(3)(v)	2245.D.6	EQ			
add new subparagraph; contaminants subject to treatment as described in 268.45(b)	268.7(a)(3)(v)(A)	2245.D.6.a	EQ			
add new subparagraph; indicate that these contaminants are treated to comply with 268.45	268.7(a)(3)(v)(B)	2245.D.6.b	EQ			

RCRA REVISION CHECKLIST 137: Universal Treatment Standards and Treatment Standards for Organic Toxicity Characteristic Wastes and Newly Listed Wastes (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
3 redesignate old 268.7(a)(3)(vi) as (a)(3)(vii); add new paragraph addressing the requirements for hazardous debris when using the treatment standards for the contaminating waste(s) in 268.40	268.7(a)(3)(vi)	2245.D.7	EQ			
3 former 268.7(a)(3)(vi) becomes (a)(3)(vii)	268.7(a)(3)(vii)	2245.D.5	EQ			
remains unchanged even though included in this rule	268.7(a)(4)	2245.E	EQ			
remains unchanged even though included in this rule	268.7(a)(4)(i)	2245.E.1	EQ			
remains unchanged even though included in this rule	268.7(a)(4)(ii)	2245.E.2	EQ			
remains unchanged even though included in this rule	268.7(a)(4)(iii)	2245.E.3	EQ			
remains unchanged even though included in this rule	268.7(a)(5)	2245.F	EQ			
delete a comma between "RCRA" and "Subtitle C"	268.7(a)(6)	2245.G	EQ			
change "261.2-261.6" to "261.2 through 261.6"; insert "RCRA" before "Subtitle C"	268.7(a)(7)	2245.H	EQ			

RCRA REVISION CHECKLIST 137: Universal Treatment Standards and Treatment Standards for Organic Toxicity Characteristic Wastes and Newly Listed Wastes (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
3 replace "that contains wastes identified in Appendix IV of this part" with "that contains none of the wastes specified in appendix IV of part 268"; replace "268.42" with "268.42(c)"; after "paragraph (a)(1) of this section" add ", except that underlying hazardous constituents need not be determined"; in the certification, replace "contains only the wastes specified in appendix IV" with "does not contain any wastes identified at Appendix IV"; remove the phrase "or solid wastes not subject to regulation under 40 CFR part 261"; remove the comma after "certification"	268.7(a)(8)	2245.1	EQ			✓
remove and reserve	268.7(a)(9)	¹ N/A	EQ			✓
remains unchanged even though included in rule	268.7(a)(10)	² 2245	EQ			✓

¹ The former LAC 33:V.2245.J was removed.

² Louisiana does not recognize the federal class of small quantity generators (100-1000 kg/mth). Therefore, they are subject to all requirements under 2245.

RCRA REVISION CHECKLIST 137: Universal Treatment Standards and Treatment Standards for Organic Toxicity Characteristic Wastes and Newly Listed Wastes (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
3 replace subparagraph; waste constituents to be monitored if monitoring will not include all regulated constituents; include whether nonwastewater or wastewater; indicate subcategory	268.7(b)(4)(ii)	2247.B.2	EQ			✓
add new subparagraph addressing characteristic wastes D001, D002, and D012-D043 meeting specified requirements; certification	268.7(b)(5)(iv)	2247.C.4	EQ			✓
3 replace "Director" with "EPA Regional Administrator (or his designated representative) or State authorized to implement part 268 requirements"	268.7(d)	2246.E	EQ			✓
3,5 insert ", including the following information," after "notification"; replace "Director or authorized State including the following information" with "EPA Regional hazardous waste management division director (or his designated representative) or State authorized to implement part 268 requirements"	268.7(d)(1)	2246.E.1	EQ			✓

RCRA REVISION CHECKLIST 137: Universal Treatment Standards and Treatment Standards for Organic Toxicity Characteristic Wastes and Newly Listed Wastes (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
SPECIAL RULES REGARDING WASTES THAT EXHIBIT A CHARACTERISTIC						
<p>3 change "40 CFR part 261" to "40 CFR 261" in the first two occurrences; in the third sentence replace "treatment standard for the waste code listed in 40 CFR Part 261, Subpart D operates in lieu of the standard for the waste code under 40 CFR part 261, subpart C" with "treatment standard for the waste listed in part 261, subpart D operates in lieu of the treatment standard for the waste under part 261, subpart C"; replace "INCIN, FSUBS, or RORGS of § 268.42, Table 1" with "CMBST, or RORGS"; after "§ 268.37" replace "of the Part" with "; or that his waste displays the characteristic of toxicity (D012-D043), and is prohibited under § 268.38,"; replace "determine what" with "determine the"; remove "of this Part" after "§ 268.2"; replace "are reasonably expected to be present in the D001 or D002</p>	268.9(a)	2246.A	EQ			
<p>waste" with "in the D001, D002, or D012-D043 wastes"</p>	268.9(a) (continued)	2246.A	EQ			

RCRA REVISION CHECKLIST 137: Universal Treatment Standards and Treatment Standards for Organic Toxicity Characteristic Wastes and Newly Listed Wastes (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
insert "RCRA" before "Subtitle D facility"; add "and" at the end of the subparagraph	268.9(d)(1)(i)	2246.D.1.a	EQ			✓
6 remove "and" before "treatability group(s)"; after "treatability group(s)" add ", and underlying hazardous constituents (as defined in §268.2(i) in D001 and D002 wastes prohibited under §268.37, or D012-D043 wastes under §268.38"	268.9(d)(1)(ii)	2246.D.1.b	EQ			✓
3 add new subparagraph; if treatment removes the characteristic but does not treat underlying hazardous constituents, then the certification found in §268.7(b)(5)(iv) applies	268.9(d)(2)(i)	2246.D.3	EQ			✓
reserved	268.9(d)(2)(ii)	³	EQ			✓

³ The state citation does not exist. Federal language did not accompany the citation, 40 CFR 268.(d)(2)(ii). The citation did not exist until now as a reserved section.

RCRA REVISION CHECKLIST 137: Universal Treatment Standards and Treatment Standards for Organic Toxicity Characteristic Wastes and Newly Listed Wastes (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE

SUBPART C - PROHIBITIONS ON LAND DISPOSAL

WASTE SPECIFIC PROHIBITIONS - NEWLY IDENTIFIED ORGANIC TOXICITY CHARACTERISTIC WASTES AND NEWLY LISTED COKE BY-PRODUCT AND CHLOROTOLUENE PRODUCTION WASTES

land disposal prohibitions for specified wastes as of December 19, 1994; definition of CWA-equivalent treatment	268.38(a)	2221.E.1	EQ			✓
September 19, 1996 land disposal prohibition of radioactive wastes mixed with D018-D043 meeting certain criteria; definition of CWA-equivalent treatment; similar prohibition for radioactive wastes mixed with K141-K145 and K147-K151 and for soil and debris contaminated with these radioactive mixed wastes	268.38(b)	2221.E.2	EQ			✓
where 268.38(b) wastes may be disposed of between December 19, 1994 and September 19, 1996	268.38(c)	2221.E.3	EQ			✓
when the requirements of 268.38(a), (b), and (c) do not apply:	268.38(d)	2221.E.4	EQ			✓
wastes meet applicable Part 268, Subpart D treatment standards	268.38(d)(1)	2221.E.4.a	EQ			✓
exemption pursuant to a 268.6 petition	268.38(d)(2)	2221.E.4.b	EQ			✓
wastes meet alternate treatment standards pursuant to 268.44	268.38(d)(3)	2221.E.4.c	EQ			✓

RCRA REVISION CHECKLIST 137: Universal Treatment Standards and Treatment Standards for Organic Toxicity Characteristic Wastes and Newly Listed Wastes (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
granted an extension to the effective date of a prohibition pursuant to 268.5	268.38(d)(4)	2221.E.4.d	EQ			✓
how to determine and who determines whether a hazardous waste identified in 268.38 exceeds applicable treatment standards specified in 268.40	268.38(e)	2221.E.5	EQ			✓

SUBPART D - TREATMENT STANDARDS

APPLICABILITY OF TREATMENT STANDARDS

replace paragraph; when a waste identified in "Treatment Standards for Hazardous Wastes" may be land disposed	268.40(a)	2223.A	EQ			
all hazardous constituents in the waste or in the treatment residue must be at or below the values found in the table for that waste ("total waste standards")	268.40(a)(1)	2223.A.1	EQ			
hazardous constituents in the extract of the waste or in the extract of the treatment residue must be at or below the values found in the table ("waste extract standards")	268.40(a)(2)	2223.A.2	EQ			

RCRA REVISION CHECKLIST 137: Universal Treatment Standards and Treatment Standards for Organic Toxicity Characteristic Wastes and Newly Listed Wastes (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
waste must be treated using the technology specified in the table ("technology standard"), which are described in detail in 268.42, Table 1 - Technology Codes and Description of Technology-Based Standards	268.40(a)(3)	2223.A.3	EQ			✓
replace paragraph; how to comply for wastewaters; how to comply for nonwastewaters; compliance for wastes covered by the waste exhaust standards; compliance for wastes covered by a technology standard	268.40(b)	2223.B	EQ			✓
replace paragraph; treatment standards when wastes with differing treatment standards are combined	268.40(c)	2225.B	EQ			✓
replace paragraph; how treatment and disposal facilities demonstrate (and certify pursuant to 40 CFR 268.7(b)(5)) compliance with the treatment standards for organic constituents	268.40(d)	2229.C	EQ			✓

RCRA REVISION CHECKLIST 137: Universal Treatment Standards and Treatment Standards for Organic Toxicity Characteristic Wastes and Newly Listed Wastes (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
treatment standards were established based on incineration in units operated in accordance with Part 264, Subpart O or on combustion in fuel substitution units operating in accordance with applicable technical requirements	268.40(d)(1)	2229.C.1	EQ			✓
use of methods referenced in 268.40(d)(1) to treat organic constituents	268.40(d)(2)	2229.C.2	EQ			✓
demonstrate that good-faith analytical efforts achieve detection limits for the regulated organic constituents that do not exceed the treatment standards specified in 268.40 by an order of magnitude	268.40(d)(3)	2229.C.3	EQ			✓
7 new paragraph; for characteristic wastes with treatment standards in the "Treatment Standards for Hazardous Wastes" Table, all underlying hazardous constituents must meet Universal Treatment Standards	268.40(e)	2223.C	EQ			✓
new paragraph; other wastes to which the treatment standards for F001-F005 nonwastewater constituents carbon disulfide, cyclohexanone, and/or methanol apply; how compliance is measured	268.40(f)	2225.C	EQ			✓

RCRA REVISION CHECKLIST 137: Universal Treatment Standards and Treatment Standards for Organic Toxicity Characteristic Wastes and Newly Listed Wastes (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
3 insert new table "Treatment Standards for Hazardous Waste" at 60 FR 246 (January 3, 1995)	268.40/Table	Chapter 22, Table 2	EQ			✓
TREATMENT STANDARDS EXPRESSED AS CONCENTRATIONS IN WASTE EXTRACT						
replace entire section and Table CCWE with paragraph referring to 268.40	268.41 and Table CCWE	Chapter 22, Table 2	EQ			✓
TREATMENT STANDARDS EXPRESSED AS SPECIFIED TECHNOLOGIES						
add note referring to 268.40 for the requirements previously found in 268.42, Tables 2 and 3	268.42 note	⁴	EQ			
replace "Table 2 and Table 3 of this section" with "the table in § 268.40 "Treatment Standards for Hazardous Wastes", for which standards are expressed as a treatment method rather than a concentration level,"	268.42(a)	2227.A	EQ			✓
3 insert entry for "CMBST", in alphabetical order, as shown at 60 FR 302 (January 3, 1995)	268.42(a)/Table 1	Chapter 22, Table 3	EQ			✓
remove	268.42(a)/Table 2	⁵	EQ			
remove	268.42(a)/Table 3	⁴	EQ			

⁴ The state's tables are combined; therefore, the note is not applicable.

⁵ Equivalent tables do not exist in state regulations; therefore, they do not need to be removed.

RCRA REVISION CHECKLIST 137: Universal Treatment Standards and Treatment Standards for Organic Toxicity Characteristic Wastes and Newly Listed Wastes (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
replace subparagraph; lab pack does not contain any Part 268, Appendix IV wastes	268.42(c)(2)	2227.C.2	EQ			✓
replace paragraph; radioactive mixed wastes are subject to the treatment standards in 268.40; when standards are specified in Table of Treatment Standards, then those govern; where there is no specific standard for radioactive mixed waste, then the treatment standard for the hazardous waste applies; hazardous debris containing radioactive waste is subject to the 268.45 treatment standards	268.42(d)	2227.D	EQ			✓
TREATMENT STANDARDS EXPRESSED AS WASTE CONCENTRATIONS						
replace section with a paragraph referring to 268.40	268.43	⁶	EQ			
remove	268.43/Table CCW	⁷	EQ			

⁶ The state sections were not moved; therefore, the note is unnecessary in the state regulations.

⁷ The state does not have a Table CCW; therefore, it does not need to be removed.

RCRA REVISION CHECKLIST 137: Universal Treatment Standards and Treatment Standards for Organic Toxicity Characteristic Wastes and Newly Listed Wastes (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
TREATMENT STANDARDS FOR HAZARDOUS DEBRIS						
replace text starting with "for which BDAT..." with " or wastes for which treatment standards are established for the waste under §268.40"	268.45(b)(2)	2230.B.2	EQ			✓
ALTERNATIVE TREATMENT STANDARDS BASED ON HTMR						
replace section including Table 1 with paragraph referring to 268.40	268.46	⁸ ---	EQ			
UNIVERSAL TREATMENT STANDARDS						
Table UTS identifies the hazardous constituents along with the nonwastewater and wastewater treatment standard levels used to regulate most prohibited hazardous wastes with numerical limits; standards cannot be exceeded for determining compliance with treatment standards for underlying hazardous constituents as defined in 268.2(i); compliance measured by analysis of grab samples unless noted in table	268.48(a)	2233	EQ			✓

⁸ The LHWR sections were not moved; therefore, the note is unnecessary in state regulations.

RCRA REVISION CHECKLIST 137: Universal Treatment Standards and Treatment Standards for Organic Toxicity Characteristic Wastes and Newly Listed Wastes (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
3 add table titled "Table UTS - Universal Treatment Standards" including change made to the footnotes by 60 FR 242 (January 3, 1995)	268.48/Table UTS	Chapter 22, Table 7	EQ			✓
APPENDIX IV TO PART 268						
revise appendix, replacing the old list of hazardous waste codes with a paragraph containing a list of the EPA hazardous waste codes for hazardous wastes that may not be placed in lab packs under the alternative lab pack treatment standards at 268.42(c)	268/Appendix IV	Chapter 22, Table 6	EQ			✓
APPENDIX V TO PART 268						
remove and reserve	268/Appendix V	⁹	EQ			
APPENDIX X TO PART 268						
3,8 add new appendix containing 1) a table addressing recordkeeping, notification, and/or certification requirements and 2) certification statements A-G; include amendment to Certification Statement B made by 60 FR 242, (January 3, 1995)	268/Appendix X	Chapter 22, Table 11	EQ			✓

⁹ LAC:V.22, Table 6, Organic Lab packs were removed and replaced with the table titled "Waste Prohibited from Alternative Lab Pack Treatment Standards" which is equivalent to 40 CFR 268, Appendix IV.

RCRA REVISION CHECKLIST 137: Universal Treatment Standards and Treatment Standards for Organic Toxicity Characteristic Wastes and Newly Listed Wastes (cont'd)

10

- 1 Note, in the September 19, 1994 FR article for this rule, there is an error in the internal references in this paragraph—"subparts A through N of parts 124, 264, 265, 268 and 270" should be "subparts A through N of parts 264 and 265, and parts 268, 270, and 124." The correct internal references are given on the checklist.
- 2 There is a typographical error in the September 19, 1994 FR article: the reference to "appendix IX" should be to "appendix XI." In the version of 266.100(c)(3)(i)(A) prior to this rule, the reference was to "appendix XI", but this rule incorrectly changed it to "appendix IX." States should not make this change. As such, this change was not listed on the checklist.
- 3 Amended by 60 FR 242 (January 3, 1995).
- 4 Note, there are two typographical errors in the September 19, 1994 FR article: there should be a ")" after "\$268.2" and "(SW-846))" should be "(SW-846)"---
- 5 There appears to be an error in the January 3, 1995 amendment. The phrase "or State authorized to implement part 268 requirements" is printed twice in the same sentence. On the checklist, the second occurrence is not included.
- 6 Note that there is a typographical error in the Federal Register article for Revision Checklist 137 (59 FR 47982; September 19, 1994). There should be a closing parenthesis following the phrase "(as defined in 268.2(i)".
- 7 There is a typographical error in the September 19, 1994 FR article: there should be a ")" after "D043".
- 8 Note there is a typographical error in Certification Statement G. The beginning of the second sentence should read "I am aware that..." rather than "Am aware that..."

RCRA REVISION CHECKLIST 139

Testing and Monitoring Activities Amendment I
 60 FR 3089-3095
 January 13, 1995
 (RCRA Cluster V, Non-HSWA provisions)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
PART 260 - HAZARDOUS WASTE MANAGEMENT SYSTEM: GENERAL						
SUBPART B - DEFINITIONS						
REFERENCES						
revise reference to "Test Methods for Evaluating Solid Waste, Physical/ Chemical Methods" by replacing "Updates I and IIA" in the first sentence with "Updates I (July, 1992), II (September, 1994), and IIA (August, 1993)"; in the second sentence, replace "Update I" with "Updates I, II, and IIA"; replace the last portion of the second sentence beginning with "; and Update IIA is available from..." with the new sentence, "Copies may be inspected at the Library, U.S. Environmental Protection Agency, 401 M Street, SW, Washington, DC 20460."	260.11(a)	110.A.11	EQ			

RCRA REVISION CHECKLIST 140

Carbamate Production Identification and Listing of Hazardous Waste

60 FR 7824-7859

February 9, 1995

as amended at 60 FR 19165, April 17, 1995

and at 60 FR 25619, May 12, 1995

(RCRA Cluster V, HSWA provisions)

Note: 1) On August 8, 1995, EPA published an interpretive rule in the Federal Register (see 60 FR 41817-41818) regarding a change in the Agency's interpretation of the February 9, 1995 rule that lists wastes from carbamate production as hazardous wastes under RCRA. Under this new interpretation, wastes from the production of non-carbamate intermediates that are used exclusively in the production of carbamates but are not produced at the ultimate site of manufacture of the carbamates will not be subject to the February 9, 1995 rule. These wastes are among those given in the RCRA waste code designations K156 and K157 in that rule.

2) On November 1, 1996, the U.S. Court of Appeals for the District of Columbia Circuit (*Dithiocarbamate Task Force v. EPA*, CA DC 95-1249, 11/1/96) vacated the following carbamate wastes listed by the February 9, 1995 (60 FR 7824) listing rule: U277, U365, U366, U375, U376, U377, U378, U379, U381, U382, U383, U384, U385, U386, U390, U391, U392, U393, U396, U400, U401, U402, U403, U407, and K160. In addition, the court vacated K156, K157 and K158 in so far as they encompass 3-iodo-2-propynyl n-butylcarbamate (IPBC), which was listed as product waste U375. These vacated wastes are not included on this checklist, because they are no longer required for authorization for this rule. States may choose to list these wastes as a matter of State law. In this case, the State-listed wastes will be broader in scope or more stringent than the Federal requirements, depending on whether or not the listed wastes also exhibit a 40 CFR 261, Subpart C hazardous waste characteristic.

3) States that incorporate the CFR by reference should be careful in their incorporation, particularly those States that have a statutory or regulatory restriction against being more stringent or broader in scope than the Federal requirements, because the U.S. Court of Appeals' vacatur may not be transferable to State law. See the special guidance for States that incorporate by reference on the Summary for this checklist.

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
PART 261 - IDENTIFICATION AND LISTING OF HAZARDOUS WASTE						
SUBPART A - GENERAL						
DEFINITION OF HAZARDOUS WASTE						
† remove period at end of paragraph; add "; or"	261.3(a)(2)(iv)(E)	4905.A.5	EQ			

RCRA REVISION CHECKLIST 140: Carbamate Production Identification and Listing of Hazardous Waste (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
†1 add new paragraph which excludes as hazardous waste certain wastewaters from the production of carbamates and carbamoyl oximes (EPA Hazardous Waste No. K157); specific provisions which must be met	261.3(a)(2)(iv)(F)	4905.A.6	EQ			
†1 add new paragraph which excludes as hazardous waste certain wastewaters derived from the treatment of one or more of the wastes listed in 261.32--organic waste from the production of carbamates and carbamoyl oximes (EPA Hazardous Waste No. K156); specific provisions which must be met	261.3(a)(2)(iv)(G)	4905.A.7	EQ			

RCRA REVISION CHECKLIST 140: Carbamate Production Identification and Listing of Hazardous Waste (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
†1 add new paragraph which excludes as hazardous waste biological treatment sludge from the treatment of one of the wastes listed in 261.32--organic waste from the production of carbamates and carbamoyl oximes (EPA Hazardous Waste No. K156), and wastewaters from the production of carbamates and carbamoyl oximes (EPA Hazardous Waste No. K157)	261.3(c)(2)(ii)(D)	105.D.33.d	EQ			✓

SUBPART D--LISTS OF HAZARDOUS WASTES

HAZARDOUS WASTE FROM SPECIFIC SOURCES

1 add the following "K" wastes in alphanumeric order (by the first column) to the subgroup "Organic chemicals":	261.32	4901.C, Table 2				
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RCRA REVISION CHECKLIST 140: Carbamate Production Identification and Listing of Hazardous Waste (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
			EQUIV-ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE

Industry and EPA hazardous waste No.	Hazardous waste						Hazard code
--------------------------------------	-----------------	--	--	--	--	--	-------------

* Organic Chemicals:	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*

- K156 Organic waste (including heavy ends, still bottoms, light ends, spent solvents, filtrates, and decantates) from the production of carbamates and carbamoyl oximes. (T)
 - K157 Wastewaters (including scrubber waters, condenser waters, washwaters, and separation waters) from the production of carbamates and carbamoyl oximes. (T)
 - K158 Bag house dusts and filter/separation solids from the production of carbamates and carbamoyl oximes. (T)
 - K159 Organics from the treatment of thiocarbamate wastes. (T)
 - K161 Purification solids (including filtration, evaporation, and centrifugation solids), bag house dust and floor sweepings from the production of dithiocarbamate acids and their salts. (R,T)
- (This listing does not include K125 or K126.)

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

2, add the following "P" 3 wastes in alphabetic order (by the third column)	261.33(e)	4901.E	EQ			
--	-----------	--------	----	--	--	--

Chemical Hazardous waste No.	Substance
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**RCRA REVISION CHECKLIST 140: Carbamate Production Identification and
Listing of Hazardous Waste (cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
*	*	*	*	*	*	*
P203	1646-88-4	Aldicarb sulfone.				
*	*	*	*	*	*	*
P127	1563-66-2	7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-, methylcarbamate.				
P188	57-64-7	Benzoic acid, 2-hydroxy-, compd. with (3aS-cis)-1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethylpyrrolo[2,3-b]indol-5-yl methylcarbamate ester (1:1).				
*	*	*	*	*	*	*
P189	55285-14-8	Carbamic acid, [(dibutylamino)-thio]methyl-, 2,3-dihydro-2,2-dimethyl- 7-benzofuranyl ester.				
P191	644-64-4	Carbamic acid, dimethyl-, 1-[(dimethyl-amino)carbonyl]- 5-methyl-1H- pyrazol-3-yl ester.				
P192	119-38-0	Carbamic acid, dimethyl-, 3-methyl-1- (1-methylethyl)-1H-pyrazol-5-yl ester.				
P190	1129-41-5	Carbamic acid, methyl-, 3-methylphenyl ester.				
P127	1563-66-2	Carbofuran.				
*	*	*	*	*	*	*
P189	5285-14-8	Carbosulfan.				
*	*	*	*	*	*	*
P202	64-00-6	m-Cumenyl methylcarbamate:				
*	*	*	*	*	*	*
P191	644-64-4	Dimetilan.				
*	*	*	*	*	*	*
P185	26419-73-8	1,3-Dithiolane-2-carboxaldehyde, 2,4-dimethyl-, O-[(methylamino)- carbonyl]oxime.				
*	*	*	*	*	*	*
P194	23135-22-0	Ethanimidothioc acid, 2-(dimethylamino)-N-[[(methylamino) carbonyl]oxy]-2-oxo-, methyl ester.				
*	*	*	*	*	*	*

RCRA REVISION CHECKLIST 140: Carbamate Production Identification and Listing of Hazardous Waste (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
P198	23422-53-9	Formetanate hydrochloride.				
P197	17702-57-7	Formparanate.				
*	*	*	*	*	*	*
P192	119-38-0	Isolan.				
P202	64-00-6	3-Isopropylphenyl N-methylcarbamate.				
*	*	*	*	*	*	*
P196	15339-36-3	Manganese, bis(dimethylcarbamodithioato-S,S')-,				
P196	15339-36-3	Manganese dimethyldithiocarbamate.				
*	*	*	*	*	*	*
P198	23422-53-9	Methanimidamide, N,N-dimethyl-N'-[3-[(methylamino)carbonyloxy]phenyl]-, monohydrochloride.				
P197	17702-57-7	Methanimidamide, N,N-dimethyl-N'-[2-methyl-4-[(methylamino)carbonyloxy]phenyl]-				
P199	2032-65-7	Methiocarb.				
*	*	*	*	*	*	*
P190	1129-41-5	Metolcarb.				
*	*	*	*	*	*	*
P128	315-18-4	Mexacarbate.				
*	*	*	*	*	*	*
P194	23135-22-0	Oxamyl.				
*	*	*	*	*	*	*
P128	315-18-4	Phenol, 4-(dimethylamino)-3,5-dimethyl-, methylcarbamate (ester).				
P199	2032-65-7	Phenol, (3,5-dimethyl-4-(methylthio)-, methylcarbamate				
*	*	*	*	*	*	*

RCRA REVISION CHECKLIST 140: Carbamate Production Identification and Listing of Hazardous Waste (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
P202	64-00-6	Phenol, 3-(1-methylethyl)-, methyl carbamate.	*	*	*	*
	*	*	*	*	*	*
P201	2631-37-0	Phenol, 3-methyl-5-(1-methylethyl)-, methyl carbamate.	*	*	*	*
	*	*	*	*	*	*
P204	57-47-6	Physostigmine.	*	*	*	*
P188	57-64-7	Physostigmine salicylate.	*	*	*	*
	*	*	*	*	*	*
P201	2631-37-0	Promecarb	*	*	*	*
P203	1646-88-4	Propanal, 2-methyl-2-(methyl-sulfonyl)-, O-[(methylamino)carbonyl] oxime.	*	*	*	*
	*	*	*	*	*	*
P204	57-47-6	Pyrrolo[2,3-b]indol-5-ol, 1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethyl-, methylcarbamate (ester), (3aS-cis)-.	*	*	*	*
	*	*	*	*	*	*
P185	26419-73-8	Tirpate.	*	*	*	*
	*	*	*	*	*	*
P205	137-30-4	Zinc, bis(dimethylcarbamodithioato-S,S')-,	*	*	*	*
	*	*	*	*	*	*
P205	137-30-4	Ziram.	*	*	*	*
	*	*	*	*	*	*

2 add the following "U" wastes in alphabetic order (by the third column)	261.33(f)	4901.F				
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RCRA REVISION CHECKLIST 140: Carbamate Production Identification and Listing of Hazardous Waste (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
Hazardous Chemical Waste Abstracts No.	Substance					
U394	30558-43-1	A2213.				
*	*	*	*	*	*	*
U280	101-27-9	Barban.				
U278	22781-23-3	Bendiocarb.				
U364	22961-82-6	Bendiocarb phenol.				
U271	17804-35-2	Benomyl.				
*	*	*	*	*	*	*
U278	22781-23-3	1,3-Benzodioxol-4-ol, 2,2-dimethyl-, methyl carbamate.				
U364	22961-82-6	1,3-Benzodioxol-4-ol, 2,2-dimethyl-,				
U367	1563-38-8	7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-				
*	*	*	*	*	*	*
U372	10605-21-7	Carbamic acid, 1H-benzimidazol-2-yl, methyl ester.				
U271	17804-35-2	Carbamic acid, [1-((butylamino)carbonyl)-1H-benzimidazol-2-yl]-, methyl ester				
U280	101-27-9	Carbamic acid, (3-chlorophenyl)-, 4-chloro-2-butynyl ester.				
U373	122-42-9	Carbamic acid, phenyl-, 1-methylethyl ester.				
U409	23564-05-8	Carbamic acid, [1,2-phenylenebis(iminocarbonothioyl)]bis-, dimethyl ester.				
*	*	*	*	*	*	*
U389	2303-17-5	Carbamothioic acid, bis(1-methylethyl)-, S-(2,3,3-trichloro-2-propenyl) ester.				
U387	52888-80-9	Carbamothioic acid, dipropyl-, S-(phenylmethyl) ester.				
U279	63-25-2	Carbaryl.				
U372	10605-21-7	Carbendazim.				
U367	1563-38-8	Carbofuran phenol.				
*	*	*	*	*	*	*

**RCRA REVISION CHECKLIST 140: Carbamate Production Identification and
Listing of Hazardous Waste (cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
U395	5952-26-1	Diethylene glycol, dicarbamate.				
*	*	*	*	*	*	*
U404	121-44-8	Ethanamine, N,N-diethyl-				
*	*	*	*	*	*	*
U410	59669-26-0	Ethanimidothioic acid, N,N'-[thiobis[(methylimino)carbonyloxy]]bis-, dimethyl ester				
U394	30558-43-1	Ethanimidothioic acid, 2-(dimethylamino)-N-hydroxy-2-oxo-, methyl ester.				
*	*	*	*	*	*	*
U395	5952-26-1	Ethanol, 2,2'-oxybis-, dicarbamate.				
*	*	*	*	*	*	*
U279	63-25-2	1-Naphthalenol, methylcarbamate.				
*	*	*	*	*	*	*
U411	114-26-1	Phenol, 2-(1-methylethoxy)-, methylcarbamate.				
*	*	*	*	*	*	*
U373	122-42-9	Propham.				
U411	114-26-1	Propoxur.				
*	*	*	*	*	*	*

RCRA REVISION CHECKLIST 140: Carbamate Production Identification and Listing of Hazardous Waste (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
U410	59669-26-0	Thiodicarb.	*	*	*	*
	*	*	*	*	*	*
U409	23564-05-8	Thiophanate-methyl.	*	*	*	*
	*	*	*	*	*	*
U389	2303-17-5	Triallate.	*	*	*	*
	*	*	*	*	*	*
U404	121-44-8	Triethylamine.	*	*	*	*
	*	*	*	*	*	*

APPENDIX VII TO PART 261

BASIS FOR LISTING HAZARDOUS WASTE

1 add in alphanumeric order (by first column)	261, Appendix VII	4901.G, Table 6	EQ			
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EPA hazardous waste No.

Hazardous constituents for which listed

K156	Benomyl, carbaryl, carbendazim, carbofuran, carbosulfan, formaldehyde, methylene chloride, triethylamine.
K157	Carbon tetrachloride, formaldehyde, methyl chloride, methylene chloride, pyridine, triethylamine.
K158	Benomyl, carbendazim, carbofuran, carbosulfan, chloroform, methylene chloride.
K159	Benzene, butylate, eptc, molinate, pebulate, vernolate.
K161	Antimony, arsenic, metam-sodium, ziram.

APPENDIX VIII TO PART 261

HAZARDOUS CONSTITUENTS

RCRA REVISION CHECKLIST 140: Carbamate Production Identification and Listing of Hazardous Waste (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
2 add in alphabetical order:	261, Appendix VIII	3105.Table 1	EQ			

Common Name	Chemical abstracts name	Chemical abstracts No.	Hazardous waste No.
*	*	*	*
A2213	Ethanimidothioic acid, 2- (dimethylamino) -N-hydroxy-2-oxo-, methyl ester 30558-43-1 U394		
*	*	*	*
Aldicarb sulfone	Propanal, 2-methyl-2- (methylsulfonyl) -, O-[(methylamino) carbonyl] oxime 1646-88-4 P203		
*	*	*	*
Barban	Carbamic acid, (3-chlorophenyl) -, 4-chloro-2-butynyl ester 101-27-9 U280		
*	*	*	*
Bendiocarb	1,3-Benzodioxol-4-ol, 2,2-dimethyl-, methyl ester 22781-26-3 U278		
Bendiocarb phenol	1,3-Benzodioxol-4-ol, 2,2-dimethyl-, 22961-82-6 U364		
Benomyl	Carbamic acid, [1- [(butylamino) carbonyl]- 1H-benzimidazol-2-yl] -, methyl ester 17804-35-2 U271		
*	*	*	*

RCRA REVISION CHECKLIST 140: Carbamate Production Identification and Listing of Hazardous Waste (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
Carbaryl	1-Naphthalenol, methylcarbamate					63-25- 2U279
Carbendazim	Carbamic acid, 1H-benzimidazol-2-yl, methyl ester					605-21-7 U372
Carbofuran	7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-, methylcarbamate 1563-66-2 P127					
Carbofuran phenol	7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-					1563-38-8 U367
*	*	*	*	*	*	*
Carbosulfan	Carbamic acid, [(dibutylamino) thio] methyl-, 2,3-dihydro-2,2-dimethyl-7-benzofuranyl ester					55285-14-8 P189
*	*	*	*	*	*	*
m-Cumenyl methylcarbamate	Phenol, 3-(methylethyl)-, methyl carbamate					64-00-6 P202
*	*	*	*	*	*	*
Diethylene glycol, dicarbamate	Ethanol, 2,2'-oxybis-, dicarbamate					5952-26- 1U395
*	*	*	*	*	*	*
Dimetilan	Carbamic acid, dimethyl-, 1- [(dimethylamino) carbonyl]-5-methyl-1H-pyrazol-3-yl ester					644-64-4 P191
*	*	*	*	*	*	*
Formetanate hydrochloride	Methanimidamide, N,N-dimethyl-N'-[3-[[[(methylamino) 23422-53-9 P198 carbonyl]oxy]phenyl]-, monohydrochloride					
*	*	*	*	*	*	*
Formparanate	Methanimidamide, N,N-dimethyl-N'-[2-methyl-4-[[[(methylamino) 17702-57-7 P197 carbonyl]oxy]phenyl]-.					
*	*	*	*	*	*	*

RCRA REVISION CHECKLIST 140: Carbamate Production Identification and Listing of Hazardous Waste (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
Isolan 119-38-0	Carbamic acid, dimethyl-, 3-methyl-1-(1-methylethyl)-1H-P192 pyrazol-5-yl ester		*	*	*	*
Manganese dimethyldithiocarbamate	Manganese, bis(dimethylcarbamodithioato-S,S')-P196	45339-36-3	*	*	*	*
Methiocarb	Phenol, (3,5-dimethyl-4-(methylthio)-, methylcarbamate)-P199	2632-65-7	*	*	*	*
Metolcarb	Carbamic acid, methyl-, 3-methylphenyl ester P190	1129-41-5	*	*	*	*
Mexacarbate (ester)	Phenol, 4-(dimethylamino)-3,5-dimethyl-, methylcarbamate P128	315-18-4	*	*	*	*
Oxamyl	Ethanimidothioc acid, 2-(dimethylamino)-N-[(methylamino)carbonyloxy]-2-oxo-, methyl ester P194	23135-22-0	*	*	*	*
Physostigmine	Pyrrolo[2,3-b]indol-5-yl, 1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethyl-, methylcarbamate (ester), (3aS-cis)- P204	57-47-6	*	*	*	*
Physostigmine salicylate	Benzoic acid, 2-hydroxy-, compd. with (3aS-cis)-1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethylpyrrolo[2,3-b]indol-5-yl methylcarbamate ester (1:1). P188	57-64-7	*	*	*	*
Promecarb	Phenol, 3-methyl-5-(1-methylethyl)-, methylcarbamate)-P201	2631-68-0	*	*	*	*

RCRA REVISION CHECKLIST 140: Carbamate Production Identification and Listing of Hazardous Waste (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
Propham	Carbamic acid, phenyl-, 1-methylethyl ester			122-42-9		U373
Propoxur	Phenol, 2-(1-methylethoxy)-, methylcarbamate			114-26-1		U411
*	*	*	*	*	*	*
Prosulfocarb	Carbamothioic acid, dipropyl-, S-(phenylmethyl)-			2866-66-9		U387
*	*	*	*	*	*	*
Thiodicarb	Ethanimidothioic acid, N,N'-[thiobis [(methylcarbamoyloxy)] bis-, dimethyl ester.			59569-26-0		U410
Thiophanate-methyl bis-,	Carbamic acid, [1,2-phenylenebis (iminocarbonothioyl)] dimethyl ester	23564-05-8 U409				
*	*	*	*	*	*	*
Tirpate	1,3-Dithiolane-2-carboxaldehyde, 2,4-dimethyl-, O-[(methylamino) carbonyl] oxime.	26419-73-8 P185				
Triallate	Carbamothioic acid, bis(1-methylethyl)-, S-(2,3,3-trichloro-2-propenyl) ester			2303-17-5		U389
*	*	*	*	*	*	*
Triethylamine	Ethanamine, N,N-diethyl-					121-44-8 U404
*	*	*	*	*	*	*
Ziram	ZInc, bis(dimethylcarbamodithioato-S,S')-, (T-4)			137-30-4		P205
*	*	*	*	*	*	*

¹ K156, K157, and K158 were vacated by the U.S. Court of Appeals (*Dithiocarbamate Task Force v. EPA*, CA DC 95-1249, 11/1/96) to the extent that they encompass 3-iodo-2-propynyl n-butylcarbamate (IPBC), which was listed as product waste U375.

² Amended by 60 FR 19165 (April 17, 1995) and 60 FR 25619 (May 12, 1995).

³ The May 12, 1995 Federal Register article corrected the CAS No. for "Mexacarbamate." However, on page 25620 of this article, "Mexacarbamate" should be "Mexacarbate".

RCRA REVISION CHECKLIST 141

Testing and Monitoring Activities Amendment II

60 ER 17001-17004

April 4, 1995

(RCRA Cluster V, Non-HSWA provisions)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE

PART 260 - HAZARDOUS WASTE MANAGEMENT SYSTEM: GENERAL

SUBPART B - DEFINITIONS

REFERENCES

replace the reference for "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods" with new reference to include Update IIB; update phone number	260.11(a)	110.A.11	EQ			
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