



DIRECTIVE NUMBER: 9541.00-10

TITLE: State Program Advisory #4 - State Program
Changes for Non-HSWA Cluster IV and HSWA
II and Associated Revisions to the SCRAM

APPROVAL DATE: 9/27/88

EFFECTIVE DATE: 9/27/88

ORIGINATING OFFICE: Office of Solid Waste

☒ **FINAL**

☐ **DRAFT**

STATUS:

[]	A- Pending OMB approval
[]	B- Pending AA-OSWER approval
[]	C- For review &/or comment
[]	D- In development or circulation headquarters

REFERENCE (other documents):

OSWER Policy Directive #9540.00-9

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United States Environmental Protection Agency
Washington, DC 20460

OSWER Directive Initiation Request

1. Directive Number

9541.00-10

2. Originator Information

Name of Contact Person
Alex Wolfe

Mail Code
OS-342

Office
OSW

Telephone Code
(202) 382-2210

3. Title

State Program Advisory #4 - State Program Changes for Non-HSWA Cluster IV and HSWA II and Associated Revisions to the SCRAM

4. Summary of Directive (include brief statement of purpose)

This document extends policy given in the SCRAM (OSWER Directive #9540.00-9) by providing Checklists 39 - 46 and the revised models which are responsive to these new checklists. These documents, as part of the SCRAM, provide guidance to the Regions and States. They are used as models for authorization and codification.

5. Keywords

Guidance / State Authorization / State Program

6a. Does This Directive Supersede Previous Directive(s)?

☒ No

☐ Yes

What directive (number, title)

b. Does It Supplement Previous Directive(s)?

☐ No

☒ Yes

What directive (number, title)
#9540.00-9

7. Draft Level

☐

A - Signed by AA/DAA

☐

B - Signed by Office Director

☐

C - For Review & Comment

☐

D - In Development

8. Document to be distributed to States by Headquarters?

☒ Yes

☐ No

This Request Meets OSWER Directives System Format Standards.

9. Signature of Lead Office Directives Coordinator

Jennifer A. Barker

Date

9/29/88

Jennifer A. Barker, Office of Solid Waste

10. Name and Title of Approving Official

Date

9/27/88

Sylvia K. Lowrance, Director, Office of Solid Waste

EPA Form 1315-17 (Rev. 5-87) Previous editions are obsolete.

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

SEP 7 1988

SEP 27 1988

OFFICE OF
SOLID WASTE AND EMERGENCY RESPONSE

MEMORANDUM

SUBJECT: State Program Advisory #4 -- State Program Changes
for Non-HSWA Cluster IV and HSWA II and Associated
Revisions to the SCRAM

FROM: Sylvia K. Lowrance, Director
Office of Solid Waste

TO: Addressees

Please find attached State Program Advisory (SPA) #4. This SPA's purpose is sixfold:

- (1) It delineates time frames by which States must obtain authorization for non-HSWA Cluster IV and HSWA Cluster II.
- (2) It provides eight additional checklists (Numbers 39 through 46), covering the period July 1, 1987 through June 30, 1988. Revision Checklists 39, 42, and 44 open HSWA Cluster II. Revision Checklists 40, 41, 43, 45, and 46 open and complete non-HSWA Cluster IV.
- (3) It provides revised portions of the SCRAM necessitated by adding eight new checklists. Specifically, these revisions include:

- o Table A-1 of Appendix A (pages A-2a through 3.3-20).
- o The Model Attorney General's Statement (pages 3.3-4 through 3.3-20).

The new Table A-1 and Model Attorney General's Statement provided in this SPA, should replace these portions of the SCRAM.

- (4) It provides a new version of Revision Checklist 34, necessitated by changes in delegability which are part of the land disposal rule addressed by Revision Checklist 39.

- (5) It provides a new version of Checklist 29 which explains the relationship of this checklist to Checklist 46.
- (6) It outlines corrections to existing checklists that have been uncovered during the authorization review process. The SPA provides corrected versions of these checklists for substitution in Appendix A of the SCRAM.

The SPA itself is organized into three major subsections -- A, B and C, with Section A summarizing each of the Federal Register rules requiring a new revision checklist. Section B presents the revisions to the SCRAM necessitated by these checklists, and Section C outlines the changes and corrections to existing checklists. Attached to the SPA are the eight new revision checklists, the updated portions of the SCRAM, and updated versions of those existing checklists which have been corrected.

If you have any questions, please contact Alex Wolfe, Chief, Implementation Section, State Programs Branch at FTS 382-2210.

Attachments

Addressees:

RCRA Division Directors, Regions I-X
RCRA Branch Chiefs, Regions I-X
Authorization Section Chiefs, Regions I-X
State Programs Branch, HQ
Joe Carra, PSPD
Matt Hale, PSPD
George Garland, PSPD
Suzanne Rudzinski, PSPD
Bruce Weddle, MWSS
ASTSWMO (6 copies)

STATE PROGRAM ADVISORY # 4

A. STATE PROGRAM CHANGES FOR JULY 1, 1987 - JUNE 30, 1988

1. California List Waste Restrictions

Date: July 8, 1987, as amended
October 27, 1987

Reference: 52 FR 25760-92
and 41295-96

Effective: July 8, 1987 and October 27, 1987

Summary: This rule restricts the land disposal of certain "California List" wastes, including liquid polychlorinated biphenyls (PCBs) above specified concentrations, and hazardous wastes containing halogenated organic compounds above specified concentrations. Additionally, this rule (1) codifies the statutory land disposal restrictions on certain California List corrosive wastes and, (2) establishes methods for determining compliance with this rule's prohibitions.

The land disposal restrictions framework, promulgated on November 7, 1986 (Revision Checklist 34), is also modified by this rule. Of particular concern to state authorization is that certain sections (i.e., 268.42(b), and 262.44), which were originally delegable to states are no longer considered delegable. With regard to 268.6--petitions of specific duration--EPA has decided in this rule to require that these be handled at EPA, as the Agency expects few such "no migration" petitions. However, in the future, states may be authorized to grant these petitions. Because the delegability of these sections has changed, states are not required to adopt these sections when Revision Checklist 34 is submitted.

State Authorization: This is a HSWA rule and will be included in HSWA Cluster II. The state modification deadline is July 1, 1991. Both interim and final authorization are available. The state revision application must include a revised program description, an AG statement addendum, an addendum to the MOA (if appropriate), Revision Checklist 39 and associated state regulations.

SCRAM Update: Updates to Table A-1 of Appendix A and to the Model Attorney General's Statement are necessary to reflect the addition of this checklist. These revisions are addressed in Section B of this SPA.

The addition of a paragraph to the beginning of Revision Checklist 34 is necessary to explain the effect of Revision Checklist 39. This change is addressed in Section C of the SPA.

2. List (Phase 1) of Hazardous Constituents for Ground-Water Monitoring

Date: July 9, 1987

Reference: 52 FR 25942-53

Effective: September 28, 1987

Summary: This rule amends the regulations concerning ground-water monitoring at RCRA land-based TSD facilities. It requires that an analysis of all the constituents in a new Appendix IX to Part 264 be performed on the ground water taken from wells surrounding those facilities.

State Authorization: This is a non-HSWA rule and will be included in non-HSWA Cluster IV. The state modification deadline is July 1, 1989 (note: the date given for authorization in the Federal Register is incorrect). Only final authorization is available. The state revision application must include a revised program description, an AG Statement Addendum, Addendum to MOA (if appropriate), Revision Checklist 40, and associated state regulations.

SCRAM Update: Updates to Table A-1 of Appendix A and to the Model Attorney General's Statement are necessary to reflect the addition of this checklist. These revisions are addressed in Section B of this SPA.

3. Identification and Listing of Hazardous Waste

Date: July 10, 1987

Reference: 52 FR 26012

Effective: July 10, 1987

Summary: This technical correction clarifies that it is the residue remaining in a container (or an inner liner) that may be a hazardous waste, not the container or the liner itself.

State Authorization: This is a non-HSWA rule and will be included in non-HSWA Cluster IV. The state modification deadline is July 1, 1989. Only final authorization is available. The state revision application must include a revised program description, an AG Statement Addendum, Addendum to MOA (if appropriate), Revision Checklist 41, and associated state regulations.

SCRAM Update: Updates to Table A-1 of Appendix A and to the Model Attorney General's Statement are necessary to reflect the addition of this checklist. These revisions are addressed in Section B of this SPA.

4. Exception Reporting for Small Quantity Generators of Hazardous Waste

Date: September 23, 1987

Reference: 52 FR 35894-99

Effective: March 23, 1988

Summary: On March 4, 1986, EPA promulgated final regulations for small quantity generators (addressed by Revision Checklist 23). This present rule modifies this previous rule, specifically imposing modified exception reporting requirements for generators of between 100 and 1000 kilograms of hazardous waste in a calendar month.

State Authorization: This is a HSWA rule and will be included in HSWA Cluster II. The state modification deadline is July 1, 1991. Both interim and final authorization are available. The state revision application must include a revised program description, an AG Statement Addendum, Addendum to MOA (if appropriate), Revision Checklist 42, and associated state regulations.

SCRAM Update: Updates to Table A-1 of Appendix A and to the Model Attorney General's Statement are necessary to reflect the addition of this checklist. These revisions are addressed in Section B of this SPA.

5. Liability Requirements for Hazardous Waste Facilities; Corporate Guarantee

Date: November 18, 1987

Reference: 52 FR 44314-21

Effective: December 18, 1987

Summary: Through an Interim Final Rule, effective September 9, 1986 and addressed by Revision Checklist 27, EPA allowed the use of a corporate guarantee as an additional financial responsibility mechanism. That rule is now being finalized with a number of minor revisions, including allowing use of the guarantee by firms incorporated outside the United States.

The standards promulgated in the July 11, 1986 (51 FR 25350) rule are less stringent than preexisting Federal requirements; thus, authorized states are not required to adopt them. However, authorized states that have already adopted or choose to adopt the July 11, 1986 Interim rule, addressed by Revision Checklist 27, must revise their program and adopt this present rule, as this rule is more stringent, in some respects, than the interim final rule.

State Authorization: This is a non-HSWA rule and will be included in non-HSWA Cluster IV. Only those authorized states that have already adopted or choose to adopt the July 11, 1986 (Checklist 27) Interim Final Rule must revise their program to reflect the changes in this checklist. The state modification deadline is July 1, 1989. Only final authorization is available. The state revision application must include a revised program description, an AG Statement Addendum, Addendum to MOA (if appropriate), Revision Checklist 43, and associated state regulations.

SCRAM Update: Updates to Table A-1 of Appendix A and to the Model Attorney General's Statement are necessary to reflect the addition of this checklist. These revisions are addressed in Section B of this SPA.

6. HSWA Codification Rule 2

Date: December 1, 1987

Reference: 52 FR 45788-99

Effective: December 1, 1987 for 264.100(e) introductory text,
264.100(e)(1) and (2), and 264.101(c)
December 31, 1987 for the remainder of the rule

Summary: This is a companion rule to EPA's July 15, 1985 final rule (Revision Checklist 17) codifying those HSWA requirements that took effect immediately or shortly after the enactment of these amendments. This present rule codifies further changes to existing corrective action and permitting provisions for RCRA facilities. Also included are provisions implementing corrective action requirements for releases beyond the facility boundary and for waste injection wells.

Since HSWA provides that states may seek authorization for selected provisions (instead of having to adopt all provisions simultaneously), this checklist has been divided into seven subsections: 44A Permit Application Requirements Regarding Corrective Action, 44B Corrective Action Beyond the Facility Boundary, 44C Corrective Action for Injection Wells, 44D Permit Modification, 44E Permit as a Shield Provision, 44F Permit Conditions to Protect Human Health and the Environment, and 44G Post-Closure Permits.

State Authorization: This is a HSWA rule and will be included in HSWA Cluster II. The state modification deadline is July 1, 1991 (note: the date given for authorization in the Federal Register is incorrect). Both interim and final authorization are available. The state revision application must include a revised program description, an AG statement addendum, an addendum to the MOA (if appropriate), Revision Checklists 44A-G (as appropriate) and associated state regulations.

SCRAM Update: Updates to Table A-1 of Appendix A and to the Model Attorney General's Statement are necessary to reflect the addition of this checklist. These revisions are addressed in Section B of this SPA.

7. Hazardous Waste Miscellaneous Units

Date: December 10, 1987

Reference: 52 FR 46946-65

Effective: January 11, 1988

Summary: This rule promulgates a new set of standards under Subpart X of Part 264 that are applicable to owners and operators of new and existing

hazardous waste management units not covered under the existing regulations. This rule will allow the Agency, and states adopting equivalent authorities, to issue permits to miscellaneous waste management units.

State Authorization: This is a non-HSWA rule and will be included in non-HSWA Cluster IV. The state modification deadline is July 1, 1989. Only final authorization is available. The state revision application must include a revised program description, an AG Statement Addendum, Addendum to MOA (if appropriate), Revision Checklist 45, and associated state regulations.

SCRAM Update: Updates to Table A-1 of Appendix A and to the Model Attorney General's Statement are necessary to reflect the addition of this checklist. These revisions are addressed in Section B of this SPA.

8. Technical Corrections; Identification and Listing of Hazardous Waste

Date: April 22, 1988

Reference: 53 FR 13382

Effective: January 11, 1988

Summary: This rule makes technical corrections to the list of commercial chemical products that are hazardous wastes when discarded (261.33(e) and (f)), and to the lists of hazardous constituents (Appendix VIII of Part 261). In addition EPA has added hazardous waste numbers corresponding to substances listed in Appendix VIII that are also listed in 261.33(e) or (f).

Since this checklist makes extensive corrections to the lists which are part of Revision Checklist 29, states are advised to follow Revision Checklist 46 when revising their code, to avoid 1) making two separate revisions and 2) incorporating the extensive misspelling, CAS numbering, and format errors which are part of the lists given in the August 6, 1986 Federal Register (51 FR 28296) addressed by Revision Checklist 29.

State Authorization: This is a non-HSWA rule and will be included in non-HSWA Cluster IV. The state modification deadline is July 1, 1989. Only final authorization is available. The state revision application must include a revised program description, an AG statement Addendum, Addendum to MOA (if appropriate), Revision Checklist 46, and associated state regulations.

SCRAM Update: Updates to Table A-1 of Appendix A and to the Model Attorney General's Statement are necessary to reflect the addition of this checklist. Also, the existing Revision Checklist 29 has been changed to include a paragraph on its first page outlining this checklist's relationship to Revision Checklist 46. These revisions are addressed in Section B and C of this SPA.

3. REVISIONS TO SCRAM

The addition of eight new checklists necessitates revisions to Table A-1 of Appendix A, and to the Model Attorney General's Statement. These sections are included in Attachment B and should replace these parts in the most recent SCRAM.

Specifically, the revisions are as follows:

- The revised Table A-1 should replace pages 2-2a through A-2e of the SCRAM. Table A-1 was revised by adding non-HSWA Cluster IV and HSWA Cluster II to the cluster list on page A-2a as well as by adding these two clusters to the main body of the Table (i.e., pp. 2-2b through 2-2e). Revision Checklists 40, 41, 43, 45 and 46 were placed in non-HSWA Cluster IV. These are the only checklists in this cluster as these are the only non-HSWA Checklists occurring during the period July 1, 1987 through June 30, 1988. Revision Checklists 39, 42, and 44 open HSWA Cluster II. This cluster has two more years, and will close on June 30, 1990.
- The revised Model Attorney General's Statement should replace pages 3.3-4 through 3.3-20 of the SCRAM. Sections I-A(8), XV-G, and XV-H were revised and Sections VII-B & C; XII-C; XIII-C, D, E, & F; XV-J; XVI-K, L, M, N, & O; and XXI-B were added to reflect the addition of eight new revision checklists.

C. CORRECTIONS TO EXISTING REVISION CHECKLISTS

In reviewing state authorization packages, several errors in existing revision checklists have come to the attention of the State Programs Branch. This section addresses these areas. Additionally, two of the new checklists (Nos. 39 and 46) have a complicated and confusing relationship to existing checklists (Nos. 29 and 34); consequently, a paragraph was added to these existing checklists to explain this relationship. Revision checklist pages for substitution in the existing SCRAM are provided in Attachment C.

The specific revisions are as follows:

- Revision Checklist 4, page 1, 261 Appendix VII. In the last line of the F024 listing "tetracholoethylene" was changed to "tetrachloroethylene", so that this substance was spelled correctly. On the second page, 261 Appendix III, the common names were not included with the chemical names. The descriptions for this change were corrected to include the common names.
- Revision Checklist 14, page 2, 261.33f. The instruction following this citation is incorrect. It says to remove these chemicals from the list. The FR's instruction is to revise the hazardous waste numbers to reference F027. The revised page 2,

included in Attachment C, gives the instruction as shown in the FR. On page 7 of Revision Checklist 14, 270.17(i) and 270.18(i) have been corrected to read 270.17(j) and 270.18(j), to accurately reflect the FR addressed by this checklist.

- Revision Checklist 17L, 270.60(c)(3). This citation was changed to more correctly read 270.60 (c)(3)(vii).
- Revision Checklist 28, page 5. This checklist omits stating that 246.200 was removed. Page 5 of this checklist was changed to reflect this.
- Revision Checklist 29, page 1. A paragraph has been added to the first page of this checklist to explain that Revision Checklist 46 supercedes it, and that there are many spelling and other errors in the lists which were promulgated in the Federal Register addressed by Revision Checklist 29. The Federal Register addressed by Checklist 46 makes these corrections.
- Revision Checklist 34, page 1. A paragraph has been added to the first page of this checklist to explain that several of the paragraphs which were delegable in this checklist are no longer delegable, due to changes to the land disposal rules addressed by Revision Checklist 39. Footnotes have been added to those sections which are no longer delegable.

ATTACHMENT A
New Revision Checklists

RCRA REVISION CHECKLIST 39

California List Waste Restrictions

52 FR 25759-25792

July 8, 1987

as amended on October 27, 1987, 52 FR 41295-41296
(HSA Cluster II)

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

NOTE: The Agency is solely responsible for granting a national capacity variance to the prohibition effective date under 268.32. The procedures for granting case by case extensions are found in 268.5. Therefore, states cannot be authorized for this aspect of the program. Similarly, variances under 268.42(b) and 268.44 for waste-specific variances from a treatment standard are not delegable to the states. (Note: 268.44 is not addressed by this checklist, but is addressed by Revision Checklist 34. The Federal Register (November 4, 1986, FR 40572) addressed by Revision Checklist 34 implied that this section was delegable. However, the preamble to this present checklist changed the delegability of this section, so that it is not delegable.)

Under 268.6, EPA may grant petitions of specific duration to allow land disposal of certain hazardous wastes provided certain criteria are met. States that have the authority to impose land disposal prohibitions may ultimately be authorized under RCRA Section 3006 to grant petitions for such exemptions. However, because the Agency expects few such petitions, EPA is currently requiring that these petitions be handled at EPA headquarters. (Note: This is a change from the November 7, 1986, FR 40572 addressed by Revision Checklist 34.)

PART 260 - HAZARDOUS WASTE MANAGEMENT SYSTEM: GENERAL

SUBPART B - DEFINITIONS

REFERENCES

(1) Parts 260 through 270	260.11(a)		
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PART 262 - STANDARDS APPLICABLE TO GENERATORS OF HAZARDOUS WASTE

SUBPART G - FARMERS

FARMERS

(1) See amendment to rule at 52 FR 41295 (October 27, 1987).

RCRA REVISION CHECKLIST 39: California List Waste Restrictions (Cont'd)

FEDERAL REQUIREMENT	RCRA CITE	STATE AUTHORITY		IF DIFFERENT FROM FEDERAL REQUIREMENT, EXPLAIN
		STATUTE	REGULATION	
† (1) pesticide disposal by farmers	262.70			

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

SUBPART B - GENERAL FACILITY STANDARDS

GENERAL WASTE ANALYSIS

annual removal of specific residues	264.13(b) (7)(iii)		
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PART 265 - INTERIM STATUS STANDARDS FOR OWNERS AND OPERATORS OF HAZARDOUS WASTE TREATMENT, STORAGE, AND DISPOSAL FACILITIES

SUBPART B - GENERAL FACILITY STANDARDS

GENERAL WASTE ANALYSIS

annual removal of specific residues	265.13(b) (7)(iii)		
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PART 268 - LAND DISPOSAL RESTRICTIONS

SUBPART A - GENERAL

PURPOSE, SCOPE AND APPLICABILITY

† pesticide disposal by farmers	268.1(c)(5)		
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- (1) Note that the FR gives Subpart E, 262.51 as the citation for Farmers. This is not correct as the August 8, 1986 (51 FR 28664) final rule regarding exports changed this section and moved it to Subpart G, 262.70. This error was corrected at 53 FR 27164 (July 19, 1988).

RCRA REVISION CHECKLIST 39: California List Waste Restrictions (Part C)

FEDERAL REQUIREMENT	RCRA CITE	STATE AUTHORITY		IF DIFFERENT FROM FEDERAL REQUIREMENT, EXPLAIN
		STATUTE	REGULATION	
DEFINITIONS APPLICABLE TO THIS PART				
add "halogenated organic compounds"	268.2(a)			
revise "land disposal"	268.2(a)			
add "polychlorinated biphenyls"	268.2(a)			
DILUTION PROHIBITED AS A SUBSTITUTE FOR TREATMENT				
add restriction regarding circumvention of effective dates and avoidance of prohibition of Subpart C or RCRA 3004	268.3			
TREATMENT SURFACE IMPOUNDMENT EXEMPTION				
provide clarification and add new section and statutory prohibition references	268.4(a)(2)			
add section concerning hazardous constituent evaporation	268.4(b)			
WASTE ANALYSIS AND RECORDKEEPING				
268.32 exception:	268.7(a)			
add 268.32 and RCRA 3004(d) prohibition to notification restrictions:	268.7(a)(1)			
add 268.32 and RCRA 3004(d) treatment standards to notification	268.7(a)(1)(ii)			

RCRA REVISION CHECKLIST 89. California List Waste Restrictions (Cont'd)

FEDERAL REQUIREMENT	RCRA CITE	STATE AUTHORITY		IF DIFFERENT FROM FEDERAL REQUIREMENT, EXPLAIN
		STATUTE	REGULATION	
add reference to Subpart D and prohibitions in 268.32 and 3004(d) to notice and certification:	268.7(a)(2)			
add prohibitions in 268.32 and RCRA 3004(d) to notice;	268.7(a)(2)(i)(B)			
add prohibitions in 268.32 and RCRA 3004(d) to certification	268.7(a)(2)(ii)			
add testing requirements of 268.32 for wastes prohibited under 268.32 or RCRA 3004(d):	268.7(b)			
add prohibitions in 268.32 and RCRA 3004(d) to notice;	268.7(b)(1)(ii)			
add prohibitions in 268.32 and RCRA 3004(d) to certification requirements:	268.7(b)(2)			
add 268.32 and RCRA 3004(d) prohibitions to certification requirements and to certification;	268.7(b)(2)(i)			
add testing requirements of 268.32 for wastes prohibited under 268.32 or RCRA 3004(d)	268.7(c)			

SUBPART C - PROHIBITIONS ON LAND DISPOSAL

WASTE SPECIFIC PROHIBITIONS - SOLVENT WASTES

+ add residues of 268.30 a(1), a(2), and (a)3 to wastes not subject to November 8, 1986 land disposal prohibition	268.30(a)(4)			
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RCRA REVISION CHECKLIST 39: California List Waste Restrictions (Cont'd)

FEDERAL REQUIREMENT	RCRA CITE	STATE AUTHORITY		IF DIFFERENT FROM FEDERAL REQUIREMENT, EXPLAIN
		STATUTE	REGULATION	
WASTE SPECIFIC PROHIBITIONS - CALIFORNIA LIST WASTES				
prohibitions effective July 8, 1987:	268.32(a)			
Liquids/pH less than or equal to 2.0;	268.32(a)(1)			
Liquids/PCBs greater than or equal to 50 ppm;	268.32(a)(2)			
Liquids/HOCs greater than or equal to 1,000 mg/l and less than 10,000 mg/l	268.32(a)(3)			
November 8, 1988 date for contaminated soil or debris from response under CERCLA 104 or 106 or RCRA corrective action	268.32(d)			
prohibitions effective July 8, 1989:	268.32(e)			
Liquid/HOCs greater than or equal to 1,000 mg/l;	268.32(e)(1)			
nonliquid/HOCs greater than or equal to 1,000 mg/kg	268.32(e)(2)			
July 8, 1987 and July 8, 1989 dates for disposal and landfills and surface impoundments meeting 268.5(h)(2) requirements	268.32(f)			
requirements don't apply when:	268.32(g)			
granted a 268.6 exemption;	268.32(g)(1)			
granted 268.5 extension	268.32(g)(2)			

RCRA REVISION CHECKLIST 39: California List Waste Restrictions (Cont'd)

FEDERAL REQUIREMENT	RCRA CITE	STATE AUTHORITY		IF DIFFERENT FROM FEDERAL REQUIREMENT, EXPLAIN
		STATUTE	REGULATION	
+ in compliance with Subpart D standards or RCRA 3004(d) or section prohibitions	268.32(g)(3)			
+ requirements do not apply when subject to Part 268, Subpart C prohibition	268.32(h)			
(1) 9095 required method	268.32(i)			
applicability of waste analysis/record-keeping requirements of 268.7:	268.32(j)			
initial generator must use 261.22(a)(1) procedures or knowledge of pH; pH less than 2.0 restriction;	268.32(j)(1)			
initial generator must test for or have knowledge of HOC or PCB concentration levels; restriction above levels	268.32(j)(2)			

SUBPART D - TREATMENT STANDARDS

APPLICABILITY OF TREATMENT STANDARDS				
+ land disposal if extract or residue meets 268.41 Table CCWE values	268.40(a)			
+ land disposal after treatment is acceptable	268.40(b)			

(1) Also see amendment to the rule at 52 FR 41295 (October 27, 1987).

RCRA REVISION CHECKLIST 39: California List Waste Restrictions (Cont'd)

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

TREATMENT STANDARDS EXPRESSED AS SPECIFIED TECHNOLOGIES

standard for incineration of liquid hazardous wastes containing PCBs	268.42(a)(1)			
standard for incineration of non-liquid hazardous waste containing HOCs	268.42(a)(2)			

SUBPART E - PROHIBITIONS ON STORAGE

PROHIBITIONS ON STORAGE OF RESTRICTED WASTES

storage prohibition	268.50(a)			
+ no prohibition where treatment standards are not specified or are met, or compliance with 268.32 or RCRA 3004 exists	268.50(e)			
liquid hazardous waste containing PCBs	268.50(f)			

APPENDIX III TO PART 268

add new appendix: HOC definition and list of HOCs regulated under 268.32	Appendix III			
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RCRA REVISION CHECKLIST 39: California List Waste Restrictions (Cont'd)

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

In determining the concentration of HOCs in a hazardous waste for purposes of the §268.32 land disposal prohibition, EPA has defined the HOCs that must be included in the calculation as any compounds having a carbon-halogen bond which are listed in this Appendix (see §268.2). Appendix III to Part 268 consists of the following compounds:

Volatiles

Bromodichloromethane
Bromomethane
Carbon Tetrachloride
Chlorobenzene
2-Chloro-1,3-butadiene
Chlorodibromomethane
Chloroethane
2-Chloroethyl vinyl ether
Chloroform
Chloromethane
3-Chloropropene
1,2-Dibromo-3-chloropropane
1,2-Dibromomethane
Dibromomethane
Trans-1,4-Dichloro-2-butene
Dichlorodifluoromethane
1,1-Dichloroethane
1,2-Dichloroethane
1,1-Dichloroethylene
Trans-1,2-Dichloroethene
1,2-Dichloropropane
Trans-1,3-Dichloropropene
cis-1,3-Dichloropropene
Iodomethane
Methylene chloride
1,1,1,2-Tetrachloroethane
1,1,2,2-Tetrachloroethane
Tetrachloroethene
Tribromomethane
1,1,1-Trichloroethane
1,1,2-Trichloroethane
Trichloroethene
Trichloromonofluoromethane
1,2,3-Trichloropropane
Vinyl chloride

Semivolatiles

Bis(2-chloroethoxy)ethane
Bis(2-chloroethyl)ether
Bis(2-chloroisopropyl) ether
p-Chloroaniline
Chlorobenzilate
p-Chloro-m-cresol
2-Chloronaphthalene
2-Chlorophenol
3-Chloropropionitrile
m-Dichlorobenzene
o-Dichlorobenzene
p-Dichlorobenzene
3,3'-Dichlorobenzidine
2,4-Dichlorophenol
2,5-Dichlorophenol
Hexachlorobenzene
Hexachlorobutadiene
Hexachlorocyclopentadiene
Hexachloroethane
Hexachloropropene
Hexachloropropene
4,4'-Methylenebis(2-chloroaniline)
Pentachlorobenzene

Pentachloroethane
Pentachloronitrobenzene
Pentachlorophenol
Pronamide
1,2,3,5-Tetrachlorobenzene
2,3,4,6-Tetrachlorophenol
1,2,4-Trichlorobenzene
2,4,5-Trichlorophenol
2,4,6-Trichlorophenol
Tris(2,3-dibromopropyl)phosphate

Organochlorine Pesticides

Aldrin
alpha-BHC
beta-BHC
delta-BHC
gamma-BHC
Chlordane
DDD
DDE
DDT
Dieldrin
Endosulfan I
Endosulfan II
Endrin
Endrin aldehyde
Heptachlor
Heptachlor epoxide
Isodrin
Kepone
Methoxychlor
Toxaphene

Phenoxyacetic Acid Herbicides

2,4-Dichlorophenoxyacetic acid
Silvex
2,4,5-T

PCBs

Aroclor 1016
Aroclor 1221
Aroclor 1232
Aroclor 1242
Aroclor 1248
Aroclor 1254
Aroclor 1260
PCBs not otherwise specified

Dioxins and Furans

Hexachlorodibenzo-p-dioxins
Hexachlorodibenzofuran
Pentachlorodibenzo-p-dioxins
Pentachlorodibenzofuran
Tetrachlorodibenzo-p-dioxins
Tetrachlorodibenzofuran
2,3,7,8-Tetrachlorodibenzo-p-dioxin

RCRA REVISION CHECKLIST 39: California List Waste Restrictions (Cont'd.)

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

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

SUBPART D - CHANGES TO PERMITS

† MINOR MODIFICATIONS OF PERMITS

add permitted when waste prohibited under RCRA Section 3004	270.42(o)(1)		
add permitted when treatment according to 268.4 and 268.3 and:	270.42(o)(2)		
treatment standards under 268.41, 268.42 or 268.44 are met; or	270.42(o)(2)(i)		
no standards exist and treatment removes prohibitions of 268.32 and RCRA 3004	270.42(o)(2)(ii)		
allow facilities to change operation to treat or store if:	270.42(p)		
major permit modification is requested;	270.42(p)(1)		
demonstrates necessity to comply with 268 or RCRA 3004; and	270.42(p)(2)		
ensures compliance pending administrative determination	270.42(p)(3)		

SUBPART G - INTERIM STATUS

CHANGES DURING INTERIM STATUS

no reconstructing; changes do not include tank/container changes to comply with land disposal restrictions	270.72 (e)		
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List (Phase 1) of Hazardous Constituents for Ground-Water Monitoring
 52 FR 25942-25953
 July 9, 1987
 (non-HSWA Cluster IV)

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

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

SUBPART F - RELEASES FROM SOLID WASTE MANAGEMENT UNITS

DETECTION MONITORING PROGRAM

replace Appendix VIII, Part 261 reference with reference to Appendix IX, Part 264	264.98(h)(2)		
remove Appendix VIII reference	264.98(h)(3)		
remove Appendix VIII reference	264.98(h)(4)(i)		

COMPLIANCE MONITORING PROGRAM

presence/concentration of Appendix IX con- stituents; remove 261, Appendix VIII reference	264.99(f)		
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APPENDIX IX - GROUND-WATER MONITORING LIST

add new appendix	Appendix IX		
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APPENDIX IX—GROUND-WATER MONITORING LIST¹

Common name ^a	CAS RN ^b	Chemical abstracts service index name ^c	Sug- gested meth- ods ^d	PCL (µg/L) ^e
Acenaphthene	83-32-9	Acenaphthylene, 1,2-dihydro-	8100 8270	200 10
Acenaphthylene	208-96-8	Acenaphthylene	8100 8270	200 10
Acetone	67-64-1	2-Propanone	8240	100
Acetophenone	98-86-2	Ethanone, 1-phenyl-	8270	10
Acetonitrile; Methyl cyanide	75-05-8	Acetonitrile	8015	100
2-Acetylaminofluorene; 2-AAF	53-96-3	Acetamide, N-9H-fluoren-2-yl-	8270	10
Acrolein	107-02-8	2-Propenal	9030 8240	5 5
Acrylonitrile	107-13-1	2-Propenenitrile	8030 8240	5 5
Aldrin	309-00-2	1,4:5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro- 1,4,4a,5,8,8a-hexahydro- (1a,4a,4ad,5a,8a,8ad)-	9080 8270	0.05 10
Allyl chloride	107-05-1	1-Propene, 3-chloro-	9010 8240	5 100

RCRA REVISION CHECKLIST 40: List (Phase 1) of Hazardous Constituents for Ground-Water Monitoring (Cont'd)

FEDERAL REQUIREMENT	RCRA CITE	STATE AUTHORITY		IF DIFFERENT FROM FEDERAL REQUIREMENT, EXPLAIN
		STATUTE	REGULATION	
Common name ¹	CAS RN ²	Chemical abstracts service index name ⁴	Sug- gested meth- ods ³	PCL (µg/L) ⁵
4-Aminobiphenyl	92-67-1	[1,1'-Biphenyl]-4-amine	8270	10
Aniline	62-53-3	Benzenamine	3270	10
Anthracene	120-12-7	Anthracene	9100	200
			8270	10
Antimony	(Total)	Antimony	5010	300
			7040	2,000
			7041	30
Aramite	140-57-8	Sulfurous acid, 2-chloroethyl 2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl ester	3270	10
Arsenic	(Total)	Arsenic	5010	500
			7060	10
			7061	20
Barium	(Total)	Barium	5010	20
			7080	1,000
Benzene	71-43-2	Benzene	8020	2
			8240	5
Benzo(a)anthracene; Benzanthracene	56-55-3	Benz(a)anthracene	9100	200
			8270	10
Benzo(b)fluoranthene	205-99-2	Benz(e)acephenanthrylene	9100	200
			8270	10
Benzo(k)fluoranthene	207-08-9	Benzo(k)fluoranthene	9100	200
			8270	10
Benzo(ghi)perylene	191-24-2	Benzo(ghi)perylene	9100	200
			8270	10
Benzo(a)pyrene	50-32-8	Benzo(a)pyrene	9100	200
			8270	10
Benzyl alcohol	100-51-6	Benzenemethanol	8270	20
Beryllium	(Total)	Beryllium	6010	3
			7090	50
			7091	2
alpha-BHC	319-84-6	Cyclohexane, 1,2,3,4,5,6-hexachloro-(1a,2a,3b,4a,5b,6b)-	9080	0.05
			8250	10
beta-BHC	319-85-7	Cyclohexane, 1,2,3,4,5,6-hexachloro-(1a,2b,3a,4b,5a,6b)-	9080	0.05
			8250	40
delta-BHC	319-86-8	Cyclohexane, 1,2,3,4,5,6-hexachloro-(1a,2a,3a,4b,5a,6b)-	9080	0.1
			8250	30
gamma-BHC; Lindane	58-89-9	Cyclohexane, 1,2,3,4,5,6-hexachloro-(1a,2a,3b,4a,5a,6b)-	9080	0.05
			8250	10
Bis(2-chloroethoxy)methane	111-91-1	Ethane, 1,1'-(methylenedioxy)bis(2-chloro-	9270	10
Bis(2-chloroethyl)ether	111-44-4	Ethane, 1,1'-oxybis(2-chloro-	9270	10
Bis(2-chloro-1-methylethyl) ether; 2,2'-Di-chlorodisopropyl ether	108-80-1	Propane, 2,2'-oxybis(1-chloro-	9010	100
			8270	10
Bis(2-ethylhexyl) phthalate	117-81-7	1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl)ester	9050	20
			8270	10
Bromodichloromethane	75-27-4	Methane, bromodichloro-	9010	1
			8240	5
Bromotomr; Tribromomethane	75-25-2	Methane, tribromo-	9010	2
			8240	5
4-Bromophenyl phenyl ether	101-55-3	Benzene, 1-bromo-4-phenoxy-	9270	10
Butyl benzyl phthalate; Benzyl butyl phthalate	85-68-7	1,2-Benzenedicarboxylic acid, butyl phenylmethyl ester	9060	5
			9270	10
Cadmium	(Total)	Cadmium	5010	40
			7130	50
			7131	1
Carbon disulfide	75-15-0	Carbon disulfide	9240	5
Carbon tetrachloride	56-23-5	Methane, tetrachloro-	9010	1
			9240	5
Chlordane	57-74-9	4,7-Methano-1H-indene, 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-	9080	0.1
			9250	10
p-Chloroaniline	106-47-8	Benzenamine, 4-chloro-	9270	20
Chlorobenzene	108-90-7	Benzene, chloro-	9010	2
			9020	2
			9240	5
Chlorobenzilate	510-15-8	Benzenesacetic acid, 4-chloro-α-(4-chlorophenyl)-α-hydroxy-ethyl ester	9270	10
p-Chloro-m-cresol	59-50-7	Phenol, 4-chloro-3-methyl-	9040	5
			9270	20
Chloroethane; Ethyl chloride	75-00-3	Ethane, chloro-	9010	5
			9240	10

RCRA REVISION CHECKLIST 40: List (Phase 1) of Hazardous Constituents
for Ground-Water Monitoring (Cont'd)

RAL

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

Common name ²	CAS RN ²	Chemical abstracts service index name ¹	Sug- gested meth- ods ³	PCL (µg/L) ⁴
Chloroform	67-66-3	Methane, trichloro-	8010 8240	0.5 5
Chloronaphthalene	91-58-7	Naphthalene, 2-chloro-	8120 8270	10 10
Chlorophenol	95-57-8	Phenol, 2-chloro-	8040 8270	5 10
Chlorophenyl phenyl ether	7005-72-3	Benzene, 1-chloro-4-phenoxy-	8270	10
Chloroprene	126-99-8	1,3-Butadiene, 2-chloro-	8010 8240	50 5
Chromium	(Total)	Chromium	6010 7190 7191	70 500 10
Chrysene	218-01-9	Chrysene	8100 8270	200 10
Cobalt	(Total)	Cobalt	6010 7200 7201	70 500 10
Copper	(Total)	Copper	6010 7210	50 200
Cresol	108-39-4	Phenol, 3-methyl-	8270	10
Cresol	95-48-7	Phenol, 2-methyl-	8270	10
Cresol	108-44-5	Phenol, 4-methyl-	8270	10
Cyanide	57-12-6	Cyanide	9010	40
D, 2,4-Dichlorophenoxyacetic acid	94-75-7	Acetic acid, (2,4-dichlorophenoxy)-	8150	10
DDE	72-54-8	Benzene 1,1'-(2,2-dichloroethylidene)bis(4-chloro-	8080 8270	0.1 10
DDE	72-55-8	Benzene 1,1'-(dichloroethylidene)bis(4-chloro-	8080 8270	0.05 10
DDT	50-29-3	Benzene 1,1'-(2,2,2-trichloroethylidene)bis(4-chloro-	8080 8270	0.1 10
Dieldrin	2303-18-4	Carbamothioic acid, bis(1-methylethyl)-, S- (2,3-dichloro-2-propenyl) ester	8270	10
Dibenz[a,h]anthracene	53-70-3	Dibenz[a,h]anthracene	8100 8270	200 10
Dibenzofuran	132-64-9	Dibenzofuran	8270	10
Dibromochloromethane; Chlorodibromomethane	124-48-1	Methane, dibromochloro-	8010 8240	1 5
Dibromo-3-chloropropane; DBCP	96-12-8	Propane, 1,2-dibromo-3-chloro-	8010 8240 8270	100 5 10
Dibromoethane; Ethylene dibromide	106-93-4	Ethane, 1,2-dibromo-	8010 8240	10 5
Dibutyl phthalate	84-74-2	1,2-Benzenedicarboxylic acid, dibutyl ester	8060 8270	5 10
Dichlorobenzene	95-50-1	Benzene, 1,2-dichloro-	8010 8020 8120	2 5 10
Dichlorobenzene	541-73-1	Benzene, 1,3-dichloro-	8010 8020 8120	5 5 10
Dichlorobenzene	106-46-7	Benzene, 1,4-dichloro-	8270 8010 8020	10 2 5
Dichlorobenzidine	91-94-1	[1,1'-Biphenyl]-4,4'-diamine 3,3'-dichloro-	8270	10
1,4-Dichloro-2-butene	110-57-6	2-Butene, 1,4-dichloro-, (E)-	8240	5
Difluorodifluoromethane	75-71-8	Methane, dichlorodifluoro-	8010 8240	10 5
Dichloroethane	75-34-3	Ethane, 1,1-dichloro-	8010 8240	1 5

RCRA REVISION CHECKLIST 40: List (Phase 1) of Hazardous Constituents
for Ground-Water Monitoring (Cont'd)

FEDERAL REQUIREMENT	RCRA CITE	STATE AUTHORITY		IF DIFFERENT FROM FEDERAL REQUIREMENT, EXPLAIN
		STATUTE	REGULATION	
Common name ^a	CAS RN ^a	Chemical abstracts service index name ^a	Signi- fied meth- ods ^a	PCL (µg/L) ^a
Endrin aldehyde	7421-93-4	1,2,4-Methenocyclopenta[cd]pentalene-5-carboxaldehyde, 2,2a,3,3,4,7-hexachlorodecahydro-, (1a,2β,2aβ,4β,5β,6aβ,6bβ,7R*)-	8000 8270	0.2 10
Ethylbenzene	100-41-4	Benzene, ethyl-	8020 8240	2 5
Ethyl methacrylate	97-83-2	2-Propenoic acid, 2-methyl-, ethyl ester	8015 8240	10 5
Ethyl methanesulfonate	62-50-0	Methanesulfonic acid, ethyl ester	8270	10
Famphur	52-85-7	Phosphorothioic acid, O-[(4-[(dimethylamino)sulfonyl]phenyl)-O,O-dimethyl ester	8270	10
Fluoranthene	206-44-0	Fluoranthene	8100 8270	200 10
Fluorene	86-73-7	9H-Fluorene	8100 8270	200 10
Heptachlor	78-44-8	4,7-Methano-1H-indene, 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-	8080 8270	0.05 10
Heptachlor epoxide	1024-57-3	2,5-Methano-2H-indeno[1,2-b]oxirene, 2,3,4,5,6,7,7-heptachloro-1a,1b,5,5a,6,6a-hexahydro-, (1a,1bβ,2a,5a,5aβ,6β,6aβ)	8080 8270	1 10
Hexachlorobenzene	118-74-1	Benzene, hexachloro-	8120 8270	0.5 10
Hexachlorobutadiene	87-68-3	1,3-Butadiene, 1,1,2,3,4,4-hexachloro-	8120 8270	5 10
Hexachlorocyclopentadiene	77-47-4	1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro-	8120 8270	5 10
Hexachloroethane	87-72-1	Ethane, hexachloro-	8120 8270	0.5 10
Hexachlorophene	70-30-4	Phenol, 2,2'-methylenebis(3,4,6-trichloro-	8270	10
Hexachloropropene	1888-71-7	1-Propene, 1,1,2,3,3,3-hexachloro-	8270	10
2-Hexanone	591-78-6	2-Hexanone	8240	50
Indeno(1,2,3-cd)pyrene	193-39-5	Indeno[1,2,3-cd]pyrene	8100 8270	200 10
Isobutyl alcohol	78-83-1	1-Propanol, 2-methyl-	8015	50
Isodrin	465-73-8	1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-(1a,4a,4aβ,5β,8β,8aβ)-	8270	10
Isophorone	78-59-1	2-Cyclohexen-1-one, 3,5,5-trimethyl-	8090 8270	50 10
Isosafrole	120-58-1	1,3-Benzodioxole, 5-(1-propenyl)-	8270	10
Kepone	143-50-0	1,3,4-Metheno-2H-cyclobuta-[cd]pentalen-2-one, 1,1a,3,3a,4,5,5a,5b,6-decachlorooctahydro-	8270	10
Lead	(Total)	Lead	6010 7420 7421	40 1,000 10
Mercury	(Total)	Mercury	7470	2
Methacrylonitrile	126-98-7	2-Propenenitrile, 2-methyl-	8015 8240	5 5
Methapyrene	91-80-5	1,2-Ethanediamine, N,N-dimethyl-N'-2-pyridinyl-N'-(2-thienylmethyl)-	8270	10
Methoxychlor	72-43-5	Benzene, 1,1'-(2,2,2-trichloroethylidene)bis(4-methoxy-	8080 8270	2 10
Methyl bromide; Bromomethane	74-83-8	Methane, bromo-	8010 8240	20 10
Methyl chloride; Chloromethane	74-87-3	Methane, chloro-	8010 8240	1 10
3-Methylcholanthrene	58-49-5	Benz[<i>i</i>]aceanthrylene, 1,2-dihydro-3-methyl-	8270	10
Methylene bromide; Dibromomethane	74-35-3	Methane, dibromo-	8010 8240	15 5
Methylene chloride; Dichloromethane	75-09-2	Methane, dichloro-	8010 8240	5 5
Methyl ethyl ketone; MEK	78-93-3	2-Butanone	8015 8240	10 100
Methyl iodide; Iodomethane	74-88-4	Methane, iodo-	8010 8240	10 5

RCRA REVISION CHECKLIST 40: List (Phase 1) of Hazardous Constituents
for Ground-Water Monitoring (Cont'd)

FEDERAL REQUIREMENT	RCRA CITE	STATE AUTHORITY		IF DIFFERENT FROM FEDERAL REQUIREMENT, EXPLAIN
		STATUTE	REGULATION	
Common name *	CAS RN *	Chemical abstracts service index name *	Sug- gested meth- ods *	PCL (µg/L) *
Methyl methacrylate	80-52-8	2-Propenoic acid, 2-methyl-, methyl ester	9015	2
			9240	5
Methyl methanesulfonate	66-27-3	Methanesulfonic acid, methyl ester	8270	10
2-Methylnaphthalene	91-57-8	Naphthalene, 2-methyl	8270	10
Methyl parathion; Parathion methyl	298-00-0	Phosphorothioic acid, O,O-dimethyl O-(4-nitrophenyl) ester	8140	0.5
			8270	10
4-Methyl-2-pentanone; Methyl isobutyl ketone	108-10-1	2-Pentanone, 4-methyl	8015	5
			8240	50
Naphthalene	91-20-3	Naphthalene	8100	200
			8270	10
1,4-Naphthoquinone	130-15-4	1,4-Naphthalenedione	8270	10
1-Naphthylamine	134-32-7	1-Naphthalenamine	8270	10
2-Naphthylamine	91-59-8	2-Naphthalenamine	8270	10
Nickel	(Total)	Nickel	6010	50
			7520	400
o-Nitroaniline	88-74-4	Benzenamine, 2-nitro	8270	50
m-Nitroaniline	99-09-2	Benzenamine, 3-nitro	8270	50
p-Nitroaniline	100-01-8	Benzenamine, 4-nitro	8270	50
Nitrobenzene	98-95-3	Benzene, nitro	8090	40
			8270	10
o-Nitrophenol	88-75-5	Phenol, 2-nitro	8040	5
			8270	10
p-Nitrophenol	100-02-7	Phenol, 4-nitro	8040	10
			8270	50
4-Nitroquinoline 1-oxide	56-57-5	Quinoline, 4-nitro-, 1-oxide	8270	10
N-Nitrosodi-n-butylamine	924-16-3	1-Butanamine, N-butyl-N-nitroso	8270	10
N-Nitrosodiethylamine	55-18-5	Ethanamine, N-ethyl-N-nitroso	8270	10
N-Nitrosodimethylamine	62-75-9	Methanamine, N-methyl-N-nitroso	8270	10
N-Nitrosodiphenylamine	86-30-6	Benzenamine, N-nitroso-N-phenyl	8270	10
N-Nitrosodipropylamine; Di-n-propylnitrosamine	621-64-7	1-Propanamine, N-nitroso-N-propyl	8270	10
N-Nitrosomethylethylamine	10595-95-8	Ethanamine, N-methyl-N-nitroso	8270	10
N-Nitrosomorpholine	59-89-2	Morpholine, 4-nitroso	8270	10
N-Nitrosopiperidine	100-75-4	Piperidine, 1-nitroso	8270	10
N-Nitrosopyrrolidine	930-55-2	Pyrrolidine, 1-nitroso	8270	10
5-Nitro-o-toluidine	99-65-3	Benzenamine, 2-methyl-5-nitro	8270	10
Parathion	58-38-2	Phosphorothioic acid, O,O-diethyl O-(4-nitrophenyl) ester	8270	10
Polychlorinated biphenyls; PCBs	See Note 7	1,1'-Biphenyl, chloro derivatives	8080	50
			8250	100
Polychlorinated dibenzo-p-dioxins; PCDDs	See Note 8	Dibenzo[b,e][1,4]dioxin, chloro derivatives	8290	0.01
Polychlorinated dibenzofurans; PCDFs	See Note 9	Dibenzofuran, chloro derivatives	8280	0.01
Pentachlorobenzene	808-93-5	Benzene, pentachloro	8270	10
Pentachloroethane	78-01-7	Ethane, pentachloro	8240	5
			8270	10
Pentachloronitrobenzene	82-68-8	Benzene, pentachloronitro	8270	10
Pentachlorophenol	87-86-5	Phenol, pentachloro	8040	5
			8270	50
Phenacetin	62-44-2	Acetamide, N-(4-ethoxyphenyl)	8270	10
Phenanthrene	85-01-8	Phenanthrene	8100	200
			8270	10
Phenol	108-95-2	Phenol	8040	1
			8270	10
p-Phenylenediamine	106-50-3	1,4-Benzenediamine	8270	10
Phorate	298-02-2	Phosphorodithioic acid, O,O-diethyl S-[(ethylthio)methyl] ester	8140	2
			8270	10
2-Picoline	109-06-8	Pyridine, 2-methyl	8240	5
			8270	10
Pronamide	23960-58-5	Benzamide, 3,5-dichloro-N-(1,1-dimethyl-2-propynyl)	8270	10
Propionitrile; Ethyl cyanide	107-12-0	Propanenitrile	8015	60
			8240	5
Pyrene	129-00-0	Pyrene	8100	200
			8270	10
Pyridine	110-86-1	Pyridine	8240	5
			8270	10

RCRA REVISION CHECKLIST 40: List of Hazardous Constituents
for Ground-Water Monitoring (Cont'd)

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

Common name ¹	CAS RN ²	Chemical abstracts service index name ²	Sug- gested meth- ods ³	PCL (µg/L) ³
Satrole.....	94-59-7	1,3-Benzodioxole, 5-(2-propenyl)-.....	9270	10
Selenium.....	(Total)	Selenium.....	6010	750
			7740	20
			7741	20
Silver.....	(Total)	Silver.....	6010	70
			7760	100
Silvex; 2,4,5-TP.....	93-72-1	Propanoic acid, 2-(2,4,5-trichlorophenoxy)-.....	8150	2
Styrene.....	100-42-5	Benzene, ethenyl-.....	8020	1
			8240	5
Sulfide.....	18498-25-8	Sulfide.....	9030	10,000
2,4,5-T; 2,4,5-Trichlorophenoxyacetic acid.....	93-78-5	Acetic acid, (2,4,5-trichlorophenoxy)-.....	8150	2
2,3,7,8-TCDD; 2,3,7,8-Tetrachlorodibenzo-p-dioxin.....	1746-01-8	Dibenzo(b,e)[1,4]dioxin, 2,3,7,8-tetrachloro-.....	8280	0.005
1,2,4,5-Tetrachlorobenzene.....	95-94-3	Benzene, 1,2,4,5-tetrachloro-.....	8270	10
1,1,1,2-Tetrachloroethane.....	630-20-3	Ethane, 1,1,1,2-tetrachloro-.....	8010	5
			8240	5
1,1,2,2-Tetrachloroethane.....	79-34-5	Ethane, 1,1,2,2-tetrachloro-.....	8010	0.5
			8240	5
Tetrachloroethylene; Perchloroethylene; Tetrachloroethene.....	127-18-4	Ethene, tetrachloro-.....	8010	0.5
			8240	5
2,3,4,6-Tetrachlorophenol.....	58-90-2	Phenol, 2,3,4,6-tetrachloro-.....	8270	10
Tetraethyl dithiopyrophosphate; Sulfotepp.....	3689-24-5	Thiodiphosphoric acid [(HO) ₂ P(S) ₂ O], tetraethyl ester.....	8270	10
Thallium.....	(Total)	Thallium.....	6010	400
			7840	1,000
			7841	10
Tin.....	(Total)	Tin.....	7870	8,000
Toluene.....	108-88-3	Benzene, methyl-.....	8020	2
			9240	5
o-Toluidine.....	95-53-4	Benzenamine, 2-methyl-.....	8270	10
Toxaphene.....	8001-35-2	Toxaphene.....	8080	2
			8250	10
1,2,4-Trichlorobenzene.....	120-82-1	Benzene, 1,2,4-trichloro-.....	8270	10
1,1,1-Trichloroethane; Methylchloroform.....	71-55-8	Ethane, 1,1,1-trichloro-.....	8240	5
1,1,2-Trichloroethane.....	79-00-5	Ethane, 1,1,2-trichloro-.....	8010	0.2
			8240	5
Trichloroethylene; Trichloroethene.....	79-01-8	Ethene, trichloro-.....	8010	1
			8240	5
Trichlorofluoromethane.....	75-69-4	Methane, trichlorofluoro-.....	8010	10
			9210	5
2,4,5-Trichlorophenol.....	95-95-4	Phenol, 2,4,5-trichloro-.....	8270	10
2,4,6-Trichlorophenol.....	88-06-2	Phenol, 2,4,6-trichloro-.....	8040	5
			8270	10
1,2,3-Trichloropropane.....	96-18-4	Propane, 1,2,3-trichloro-.....	8010	10
			9240	5
O,O,O-Triethyl phosphorothioate.....	126-68-1	Phosphorothioic acid, O,O,O-triethyl ester.....	9270	10
sym-Trinitrobenzene.....	99-35-4	Benzene, 1,3,5-trinitro-.....	9270	10
Vanadium.....	(Total)	Vanadium.....	6010	80
			7910	2,000
			7911	40
Vinyl acetate.....	108-05-4	Acetic acid, ethenyl ester.....	8240	5
Vinyl chloride.....	75-01-4	Ethene, chloro-.....	8010	2
			8240	10
Xylene (total).....	1330-20-7	Benzene, dimethyl-.....	8020	5
			8240	5
Zinc.....	(Total)	Zinc.....	6010	20
			7950	50

¹ The regulatory requirements pertain only to the list of substances; the right hand columns (Methods and PCL) are given for informational purposes only. See also footnotes 5 and 6.

² Common names are those widely used in government regulations, scientific publications, and commerce; synonyms exist for many chemicals.

CHECKLIST 40: List (Phase 1) of Hazardous Constituents for Ground-Water Monitoring (Cont'd)

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

¹ Chemical Abstracts Service registry number. Where "Total" is entered, all species in the ground water that contain this element are included.

² CAS index names are those used in the 9th Cumulative Index

³ Suggested Methods refer to analytical procedure numbers used in EPA Report SW-846 "Test Methods for Evaluating Solid Waste", third edition, November 1986. Analytical details can be found in SW-846 and in documentation on file at the agency. CAUTION: The methods listed are representative SW-846 procedures and may not always be the most suitable method(s) for monitoring an analyte under the regulations.

⁴ Practical Quantitation Limits (PQLs) are the lowest concentrations of analytes in ground waters that can be reliably determined within specified limits of precision and accuracy by the indicated methods under routine laboratory operating conditions. The PQLs listed are generally stated to one significant figure. CAUTION: The PQL values in many cases are based only on a general estimate for the method and not on a determination for individual compounds. PQLs are not a part of the regulation.

⁵ Polychlorinated biphenyls (CAS RN 1336-36-3); this category contains congener chemicals, including constituents of Aroclor-1016 (CAS RN 12674-11-2), Aroclor-1221 (CAS RN 11104-28-2), Aroclor-1232 (CAS RN 11141-16-5), Aroclor-1242 (CAS RN 53459-21-9), Aroclor-1248 (CAS RN 12672-29-6), Aroclor-1254 (CAS RN 11097-69-1), and Aroclor-1260 (CAS RN 11096-82-5). The PQL shown is an average value for PCB congeners.

⁶ This category contains congener chemicals, including tetrachlorodibenzo-p-dioxins (see also 2,3,7,8-TCDD), pentachlorodibenzo-p-dioxins, and hexachlorodibenzo-p-dioxins. The PQL shown is an average value for PCDD congeners.

⁷ This category contains congener chemicals, including tetrachlorodibenzofurans, pentachlorodibenzofurans, and hexachlorodibenzofurans. The PQL shown is an average value for PCDF congeners.

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

SUBPART B - PERMIT APPLICATION

CONTENTS OF PART B: GENERAL REQUIREMENTS

remove Appendix VIII, Part 261 reference; replace with Appendix IX, Part 264 reference	270.14(c)(4)(ii)		
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RCRA REVISION CHECKLIST 41

Identification and Listing of Hazardous Waste

52 FR 26012

July 10, 1987

(non-HSWA Cluster IV)

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

PART 261 - IDENTIFICATION AND LISTING OF HAZARDOUS WASTE

SUBPART D - LISTS OF HAZARDOUS WASTES

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

container/inner liner residues	261.33(c)		
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RCRA REVISION CHECKLIST

Exception Reporting for Small Quantity Generators of Hazardous Waste

52 FR 35894-35899

September 23, 1987

(HSWA Cluster II)

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

PART 262 - STANDARDS APPLICABLE TO GENERATORS OF HAZARDOUS WASTE

SUBPART D - RECORDKEEPING AND REPORTING

EXCEPTION REPORTING

generators greater than 1,000 kg/mo. or than 1 kg/mo. of acute waste	262.42(a)(1)		
generators greater than 1,000 kg/mo.	262.42(a)(2)		
generators 100 to 1,000 kg/mo.	262.42(b)		

SPECIAL REQUIREMENTS FOR GENERATORS OF BETWEEN 100 AND 1000 KG/MO

changes in introductory paragraph	262.44		
additional 262.42(b) requirement	262.44(a-c)		

RCRA REVISION CHECKLIST 43

Liability Requirements for Hazardous Waste Facilities; Corporate Guarantee

52 FR 44314-44321

November 18, 1987

(non-HSWA Cluster IV)

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

The standards addressed by Revision Checklist 27 (July 11, 1986, 51 FR 25350) are less stringent than existing Federal requirements; thus, authorized states are not required to adopt them. However, authorized states that have already adopted or choose to adopt the changes addressed by Revision Checklist 27 must revise their program and adopt Revision Checklist 43's changes, as they are more stringent, in some respects, than those addressed by Revision Checklist 27.

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

SUBPART H - FINANCIAL REQUIREMENTS

+ LIABILITY REQUIREMENTS

- corporations incorporated in U.S.	264.147(g)(2)(i)		
corporations incorporated outside U.S.	264.147(g)(2)(ii)		

WORDING OF THE INSTRUMENTS

corporate guarantee wording change	264.151(h)(2)		
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PART 265 - STANDARDS FOR OWNERS AND OPERATORS OF HAZARDOUS WASTE
TREATMENT, STORAGE, AND DISPOSAL FACILITIES

SUBPART H - FINANCIAL REQUIREMENTS

+ LIABILITY REQUIREMENTS

corporations incorporated in U.S.	265.147(g)(2)(i)		
corporations incorporated outside U.S.	265.147(g)(2)(ii)		

RCRA REVISION CHECKLIST 44

HSWA Codification Rule 2
52 FR 45788-45799
December 1, 1987
(HSWA Cluster II)

This codification rule is a companion to the initial codification rule of July 15, 1985 (Revision Checklist 17) and incorporates logical outgrowths of the 1984 HSWA amendments into the existing RCRA regulations. Since HSWA provides that states may seek authorization for selected provisions (instead of having to adopt all provisions simultaneously), this checklist has been divided into logical subgroupings. There are seven subsections to this checklist.

- Checklist 44A - Permit Application Requirements Regarding
Corrective Action
- Checklist 44B - Corrective Action Beyond the Facility Boundary
- Checklist 44C - Corrective Action for Injection Wells
- Checklist 44D - Permit Modification
- Checklist 44E - Permit as a Shield Provision
- Checklist 44F - Permit Conditions to Protect Human Health
and the Environment
- Checklist 44G - Post-Closure Permits

RCRA REVISION CHECKLIST

Permit Application Requirements Regarding Corrective Action

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

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

SUBPART B - PERMIT APPLICATION

CONTENTS OF PART B: GENERAL REQUIREMENTS

facilities containing a regulated unit	270.14(c)		
information requirements:	270.14(d)		
solid waste management unit information	270.14(d)(1)(i-v)		
hazardous waste release information	270.14(d)(2)		
facility assessment information	270.14(d)(3)		

RCRA REVISION CHECKLIST 44B

Corrective Action Beyond the Facility Boundary

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

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

SUBPART F - RELEASES FROM SOLID WASTE MANAGEMENT UNITS

CORRECTIVE ACTION PROGRAM

new introductory wording	264.100(e)		
compliance point/downgradient property boundary	264.100(e)(1)		
release beyond the facility boundary	264.100(e)(2)		

CORRECTIVE ACTION FOR SOLID WASTE MANAGEMENT UNITS

corrective action beyond facility boundaries	264.101(c)		
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RCRA REVISION CHECKLIST 44C

Corrective Action for Injection Wells

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

PART 144 - REQUIREMENTS FOR THE UNDERGROUND INJECTION CONTROL PROGRAM

SUBPART A - GENERAL PROVISIONS

PURPOSE AND SCOPE OF PART 144

interim status for Class I wells	144.1(h)		
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SUBPART D - AUTHORIZATION BY PERMIT

APPLICATION FOR A PERMIT, AUTHORIZATION BY PERMIT

information requirements	144.31(g)(1)		
information on hazardous waste releases	144.31(g)(2)		
preliminary site investigations	144.31(g)(3)		

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

SUBPART A - GENERAL

PURPOSE, SCOPE, AND APPLICABILITY

remove (c)(2)	265.1(c)(2)		
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PART 270 - EPA ADMINISTERED PERMIT PROGRAMS: THE HAZARDOUS WASTE PERMIT PROGRAM

SUBPART F - SPECIAL FORMS OF PERMITS

PERMITS BY RULE

complies with 264.101	270.60(b)(3)(i)		
UIC well is the only unit	270.60(b) (3)(ii)		

RCRA REVISION CHECKLIST

Permit Modification

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

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

SUBPART D - CHANGES TO PERMITS

MAJOR MODIFICATION OR REVOCATION AND REISSUANCE OF PERMITS

statutory requirements	270.41(a)(3)		
modification by the director	270.41(a)(3)(i)		
permittee request for modification	270.41(a)(3)(ii)		
+ renumber old (3)(ii) as (3)(iii) and revise	270.41(a)(3)(iii)		

RCRA REVISION CHECKLIST 44E

Permit as a Shield Provision

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

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

SUBPART A - GENERAL INFORMATION

EFFECT OF A PERMIT

exception of requirements not in permit or under Part 268	270.4(a)		
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RCRA REVISION CHECKLIST 44F

Permit Conditions to Protect Human Health and the Environment

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

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

SUBPART B - PERMIT APPLICATION

GENERAL APPLICATION REQUIREMENTS

information for permit conditions	270.10(k)		
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RCRA REVISION CHECKLIST - 8

Post-Closure Permits

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

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

SUBPART A - GENERAL INFORMATION

PURPOSE AND SCOPE OF THESE REGULATIONS

post-closure permits	270.1(c)		
closure by removal/decontamination determination following Part B application submittal	270.1(c)(5)		
+ petition if Part B application not submitted	270.1(c)(5)(i)		
+ what petition data must demonstrate	270.1(c)(5)(ii)		
RA approval/denial	270.1(c)(5)(i)(A)		
procedures for equivalency determination	270.1(c)(5)(ii)(B)		
procedure if determination finds equivalency is not met	270.1(c)(6)(i)		
requirements if 264 closure standards are not met	270.1(c)(6)(ii)		
	270.1(c)(6)(iii)		

RCRA REVISION CHECKLIST 45

Hazardous Waste Miscellaneous Units
 52 FR 46946-46965
 December 10, 1987
 (non-HSWA Cluster IV)

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

PART 144 - UNDERGROUND INJECTION CONTROL PROGRAM

SUBPART D - AUTHORIZATION BY PERMIT

APPLICATION FOR A PERMIT; AUTHORIZATION BY PERMIT

add sentence referring to Subpart X	144.31(a)		
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PART 260 - HAZARDOUS WASTE MANAGEMENT SYSTEM: GENERAL

SUBPART B - DEFINITIONS

DEFINITIONS

revise "landfill"	260.10		
add "miscellaneous unit"	260.10		

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

SUBPART B - GENERAL FACILITY STANDARDS

APPLICABILITY

reference to Subpart X	264.10(b)		
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GENERAL INSPECTION REQUIREMENTS

addition and omission of specific citations	264.15(b)(4)		
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LOCATION STANDARDS

add reference to "miscellaneous units"	264.18(b)(1) (ii)		
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RCRA REVISION CHECKLIST 45: Hazardous Waste
Miscellaneous Units (Cont'd)

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

SUBPART E - MANIFEST SYSTEM, RECORDKEEPING, AND REPORTING

OPERATING RECORD

corrective action; change references	264.73(b)(6)		
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SUBPART F - RELEASES FROM SOLID WASTE MANAGEMENT UNITS

APPLICABILITY

add new paragraph on miscellaneous units	264.90(d)		
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SUBPART G - CLOSURE AND POST-CLOSURE

CLOSURE PERFORMANCE STANDARD

addition of specific references	264.111(c)		
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CLOSURE PLAN; AMENDMENT OF PLAN

Director; add reference	264.112(a)(2)		
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DISPOSAL OR DECONTAMINATION OF EQUIPMENT, STRUCTURES; AND SOILS

addition of specific references	264.114		
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POST-CLOSURE CARE AND USE OF PROPERTY

addition of Subpart "X"	264.117(a)(1) (i)		
addition of Subpart "X"	264.117(a)(1) (ii)		

POST-CLOSURE PLAN; AMENDMENT OF PLAN

addition of Subpart "X"	264.118(b)(1)		
addition of Subpart "X"	264.118(b)(2) (i)		
addition of Subpart "X"	264.118(b)(2) (ii)		

RCRA REVISION CHECKLIST 45: Hazardous Waste
Miscellaneous Units (Cont'd)

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

SUBPART H - FINANCIAL REQUIREMENTS

COST ESTIMATE FOR CLOSURE

addition of specific references	264.142(a)		
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COST ESTIMATE FOR POST-CLOSURE CARE

disposal miscellaneous unit; add references	264.144(a)		
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LIABILITY REQUIREMENTS

miscellaneous disposal unit	264.147(b)		
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SUBPART X - MISCELLANEOUS UNITS

APPLICABILITY

to whom requirements apply	264.600		
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ENVIRONMENTAL PERFORMANCE STANDARDS

introductory paragraph regarding human health and the environment	264.601		
prevention of releases to ground water	264.601(a)		
characteristics of waste	264.601(a)(1)		
characteristics of unit	264.601(a)(2)		
quality of existing ground water	264.601(a)(3)		
ground-water flow	264.601(a)(4)		
ground-water users	264.601(a)(5)		
patterns of land use	264.601(a)(6)		
deposition or migration of wastes	264.601(a)(7)		
potential for health risks	264.601(a)(8)		

REVISION CHECKLIST 45: Hazardous Waste Miscellaneous Units (Cont'd)

FEDERAL REQUIREMENT	RCRA CITE	STATE AUTHORITY		IF DIFFERENT FROM FEDERAL REQUIREMENT, EXPLAIN
		STATUTE	REGULATION	
potential for damage caused by exposure	264.601(a)(9)			
prevention of releases to surface waters and soil	264.601(b)			
characteristics of waste	264.601(b)(1)			
migration prevention systems and structures	264.601(b)(2)			
hydrologic characteristics	264.601(b)(3)			
precipitation patterns	264.601(b)(4)			
ground-water flow	264.601(b)(5)			
proximity to surface waters	264.601(b)(6)			
current and potential uses	264.601(b)(7)			
existing quality of surface waters and soils	264.601(b)(8)			
patterns of land use	264.601(b)(9)			
potential for health risks	264.601(b)(10)			
potential for damage caused by exposure	264.601(b)(11)			
prevention of releases to the air	264.601(c)			
characteristics of waste	264.601(c)(1)			
emission prevention systems and structures	264.601(c)(2)			
operating characteristics	264.601(c)(3)			
characteristics of unit and area	264.601(c)(4)			
existing quality of air	264.601(c)(5)			
potential for health risks	264.601(c)(6)			
potential for damage caused by exposure	264.601(c)(7)			

RCRA REVISION CHECKLIST 45: Hazardous Waste
Miscellaneous Units (Cont'd)

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

MONITORING, ANALYSIS, INSPECTION, RESPONSE, REPORTING, AND CORRECTIVE ACTION

compliance requirements	264.602			
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POST-CLOSURE CARE

post-closure requirements	264.603			
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PART 270 - EPA ADMINISTERED PERMIT PROGRAMS: THE
HAZARDOUS WASTE PERMIT PROGRAM

SUBPART B - PERMIT APPLICATION

CONTENTS OF PART B: GENERAL REQUIREMENTS

changes in specific citations	270.14(b)(5)			
changes in specific citations	270.14(b)(13)			

SPECIFIC PART B INFORMATION REQUIREMENTS FOR MISCELLANEOUS UNITS

introductory paragraph regarding what owners/operators must provide	270.23			
detailed description of unit's physical characteristics	270.23(a)			
descriptions for compliance	270.23(a)(1)			
description for post-closure requirements	270.23(a)(2)			
environmental performance standards	270.23(a)(3)			
potential exposure pathways	270.23(b)			
effectiveness of treatment	270.23(c)			
additional information	270.23(d)			
	270.23(e)			

Technical corrections; Identification and Listing
of Hazardous Waste
53 FR 13382-13393
April 22, 1988
(non-HSWA Cluster IV)

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

NOTE: This checklist makes technical corrections to the lists of commercial chemical products that are hazardous wastes when discarded [40 CFR 261.33(e) and (f)] and to the list of hazardous constituents (Appendix VIII of 40 CFR Part 261). Because these same lists are also addressed by Revision Checklist 29, states are advised to follow this checklist rather than Checklist 29 when revising their code, in order to avoid two separate revisions.

PART 261 - IDENTIFICATION AND LISTING OF HAZARDOUS WASTE

SUBPART D - LISTS OF HAZARDOUS WASTES

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

correct specific listings			261.33(e)		
HAZ- ARDS WASTE No	Chemical Abstracts No	Substance	HAZ- ARDS WASTE No	Chemical Abstracts No	Substance
P023	107-20-0	Acetaldehyde, chloro-	P045	39196-18-4	2-Butanone, 3,3-dimethyl-1-(methylthio)-, O-(methylamino)carbonyl oxime
P002	591-08-2	Acetamide, N-(aminothiozomethyl)-	P021	592-01-8	Calcium cyanide
P057	640-19-7	Acetamide, 2-fluoro-	P021	592-01-8	Calcium cyanide Ca(CN) ₂
P058	62-74-8	Acetic acid, fluoro-, sodium salt	P022	75-15-0	Carbon disulfide
P002	591-08-2	1-Acetyl-2-thiourea	P095	75-44-5	Carbonic dichloride
P003	107-02-8	Acrolein	P023	107-20-0	Chloroacetaldehyde
P070	116-06-3	Aldicarb	P024	106-47-8	p-Chloroaniline
P004	309-00-2	Aldrin	P026	5344-82-1	1-(o-Chlorophenyl)thiourea
P005	107-18-6	Allyl alcohol	P027	542-76-7	3-Chloropropionitrile
P006	20859-73-8	Aluminum phosphide (R,T)	P029	544-92-3	Copper cyanide
P007	2763-95-4	5-(Aminomethyl)-3-sotaxolol	P029	544-92-3	Copper cyanide Cu(CN)
P008	504-24-5	4-Aminopyridine	P030		Cyanides (soluble cyanide salts), not otherwise spec- ified
P009	131-74-8	Ammonium picrate (R)	P031	460-19-5	Cyanogen
P119	7823-55-6	Ammonium vanadate	P033	506-77-4	Cyanogen chloride
P099	506-61-6	Argentate(1-), bis(cyano-C)-, potassium	P033	506-77-4	Cyanogen chloride (CN) ₂ Cl
P010	7778-39-4	Arsenic acid H ₃ AsO ₄	P034	131-89-5	2-Cyclohexyl-6-dinitrophenol
P012	1327-53-3	Arsenic oxide As ₂ O ₃	P016	542-88-1	Dichloromethyl ether
P011	1303-28-2	Arsenic oxide As ₂ O ₃	P036	696-28-6	Dichlorophenylamine
P011	1303-28-2	Arsenic pentoxide	P037	60-57-1	Dieldrin
P012	1327-53-3	Arsenic trioxide	P038	692-42-2	Diethylamine
P038	692-42-2	Arsine, diethyl-	P041	311-45-5	Diethyl-p-nitrophenyl phosphite
P036	696-28-6	Arsinous dichloride, phenyl-	P040	297-97-2	O,O-Diethyl O-pyrazinyl phosphorothioate
P054	151-56-4	Azidine	P043	55-91-4	Diisopropylfluorophosphite (DFP)
P067	75-55-8	Azidine, 2-methyl-	P004	309-00-2	1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexa- chloro-1,4,4a,5,8,8a-hexahydro-, (1alpha,4alpha,4abeta,5alpha,6alpha,8abeta)-
P013	542-62-1	Barium cyanide	P060	465-73-6	1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexa- chloro-1,4,4a,5,8,8a-hexahydro-, (1alpha,4alpha,4abeta,5alpha,6alpha,8abeta)-
P024	106-47-8	Benzenamine, 4-chloro-	P037	60-57-1	2,7,8-Dimethanonaphth[2,3-b]oxirene, 3,4,5,6,9,9- hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1alpha,2beta,2alpha,3beta,6alpha,6beta,7beta,7alpha)-
P077	100-01-6	Benzenamine, 4-nitro-	P051	72-20-8	2,7,8-Dimethanonaphth[2,3-b]oxirene, 3,4,5,6,9,9- hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1alpha,2beta,2alpha,3beta,6alpha,6beta,7beta,7alpha)-, & metabolites
P028	100-44-7	Benzene, (chloromethyl)-			
P042	51-43-4	1,2-Benzenediol, 4-[1-hydroxy-2-(methylamino)ethyl]- (R)-			
P046	122-09-8	Benzeneethanamine, alpha, alpha-dimethyl-			
P014	108-98-5	Benzemethiol			
P001	81-81-2	2H-1-Benzopyran-2-one, 4-hydroxy-3-[3-oxo-1-phenyl- butyl]-, & salts, when present at concentrations greater than 0.3%			
P028	100-44-7	Benzyl chloride			
P015	7440-41-7	Beryllium			
P017	598-31-2	Bromacetone			
P018	357-57-3	Bruone			

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RCRA REVISIONS OF FEDERAL REGISTER, Vol. 1, Part 1, corrections; Identification
and Listing of Hazardous Waste (Cont'd)

FEDERAL REQUIREMENT	RCRA CITE	STATE AUTHORITY		IF DIFFERENT FROM FEDERAL REQUIREMENT, EXPLAIN
		STATUTE	REGULATION	
correct specific listings	261.33(f)			

Haz- ardous waste No	Chemical abstracts No.	Substance	Haz- ardous waste No	Chemical abstracts No	Substance
U001	75-07-0	Acetaldenide (I)	U185	82-68-8	Benzene, pentachloro-
U034	75-87-6	Acetaldenide, trichloro-	U020	98-09-9	Benzenesulfonic acid chloride (C,R)
U187	62-44-2	Acetamide, N-(4-ethoxyphenyl)-	U020	98-09-9	Benzenesulfonyl chloride (C,R)
U005	53-96-3	Acetamide, N-(4-fluorophenyl)-	U207	95-94-3	Benzene, 1,2,4,5-tetrachloro-
U240	94-75-7	Acetic acid, (2,4-dichlorophenyl)-, salts & esters	U061	50-29-3	Benzene, 1,1'-(2,2,2-trichloroethylidene)bis(4-chloro-
U112	141-78-6	Acetic acid ethyl ester (I)	U247	72-43-5	Benzene, 1,1'-(2,2,2-trichloroethylidene)bis(4-methoxy-
U144	301-04-2	Acetic acid, lead(2+) salt			
U214	583-68-8	Acetic acid, thallium(1+) salt	U023	98-07-7	Benzene, (trichloromethyl)-
see	93-78-5	Acetic acid, (2,4,5-trichlorophenyl)-	U234	99-35-4	Benzene, 1,3,5-trinitro-
F027			U021	92-87-5	Benzidine
U002	87-64-1	Acetone (I)	U202	81-07-2	1,2-Benzisothiazol-3(2H)-one, 1,1-dioxide, & salts
U003	75-05-8	Acetone (I,T)	U203	94-59-7	1,3-Benzodioxole, 5-(2-propenyl)-
U004	98-86-2	Acetophenone	U141	120-58-1	1,3-Benzodioxole, 5-(1-propenyl)-
U005	53-96-3	2-Acetylaminofluorene	U090	94-58-6	1,3-Benzodioxole, 5-propyl-
U006	75-36-5	Acetyl chloride (C,R,T)	U064	189-55-9	Benzoin (pentaphenyl)
U007	79-08-1	Acrylamide	U248	191-81-2	2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-, & salts, when present at concentrations of 0.3% or less
U008	79-10-7	Acrylic acid (I)			
U009	107-13-1	Acrylonitrile	U022	50-32-8	Benzoin (pyrene)
U011	81-82-5	Aniline	U197	106-51-4	p-Benzodioxone
U012	82-53-3	Aniline (I,T)	U023	98-07-7	Benzonitrone (C,R,T)
U136	75-60-5	Arctic acid, dimethyl-	U085	1464-53-5	2,2'-Bioxane
U014	492-80-8	Auramine	U021	92-87-5	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dichloro-
U015	115-02-6	Azaserine	U073	91-94-1	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dimethoxy-
U010	50-07-7	Azobenzene	U091	119-90-4	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dimethyl-
		Azobenzene, 2,2'-bis[4-(2,4,6-trichlorophenyl)-5-methyl-1,3,5-triazole]	U095	119-93-7	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dimethyl-
		Azobenzene, 2,2'-bis[4-(2,4,6-trichlorophenyl)-5-methyl-1,3,5-triazole]	U225	75-25-2	Bromofluor
U016	56-49-5	Benzaldehyde, 1,2-dihydro-3-methyl-	U030	101-55-3	4-Bromophenyl phenyl ether
U017	225-51-4	Benzaldehyde	U128	87-68-3	1,3-Butadiene, 1,1,2,3,4,4-hexachloro-
U192	98-87-3	Benzal chloride	U172	924-16-3	1-Butanamine, N-butyl-N-nitroso-
U018	23950-58-5	Benzamide, 3,5-dichloro-N-(1,1-dimethyl-2-propenyl)-	U031	71-36-3	1-Butanol (I)
U094	56-55-3	Benzalanthracene	U159	78-93-3	2-Butanone (I,T)
U012	57-97-6	Benzalanthracene, 7,12-dimethyl-	U160	1338-23-4	2-Butanone, peroxide (R,T)
U014	82-53-3	Benzaniline (I,T)	U053	4170-30-3	2-Butenal
U049	492-80-8	Benzaniline, 4,4'-carbonimidoylbis(N,N-dimethyl-)	U074	784-41-0	2-Butene, 1,4-dichloro- (I,T)
U093	3185-93-3	Benzaniline, 4-chloro-2-methyl-, hydrochloride	U143	303-34-4	2-Butenoic acid, 2-methyl-, 7-[[2,3-dihydroxy-2-(1-methoxyethyl)-3-methyl-1-oxobutoxy]methyl]-2,3,5,7-tetrahydro-1H-pyrazol-1-yl ester, [15-(1alpha,2,7(2S*,3R*),7alpha)]-
U328	95-53-4	Benzaniline, 2-methyl-			
U353	106-49-0	Benzaniline, 4-methyl-	U031	71-36-3	n-Butyl alcohol (I)
U158	101-14-4	Benzaniline, 4,4'-methylenebis(2-chloro-	U136	75-60-5	Calcodylic acid
U222	636-21-5	Benzaniline, 2-methyl-, hydrochloride	U032	13765-19-0	Calcium chromate
U181	99-55-8	Benzaniline, 2-methyl-5-nitro-	U238	51-79-6	Carbamic acid, ethyl ester
U019	71-43-2	Benzene (I,T)	U178	615-53-2	Carbamic acid, methylnitroso-, ethyl ester
U038	510-15-6	Benzeneacetic acid, 4-chloro-alpha-(4-chlorophenyl)-	U097	79-44-7	Carbamic chloride, dimethyl-
		alpha-hydroxy-, ethyl ester	U114	111-54-6	Carbamodithioic acid, 1,2-ethanedithio-, salts & esters
U030	101-55-3	Benzene, 1-bromo-4-phenyl-	U062	2303-16-4	Carbamothioic acid, bis(1-methylethyl-, 5-(2,3-dichloro-2-propenyl) ester
U035	305-03-3	Benzenebutanoic acid, 4-bis(2-chloroethyl)amino-	U215	6533-73-9	Carbonic acid, orthotelluric(1+) salt
U037	108-90-7	Benzene, chloro-	U033	353-50-4	Carbonic anhydride
U221	25376-45-8	Benzenediamine, 2,2'-methyl-	U156	79-22-1	Carbonochloridic acid, methyl ester (I,T)
U028	117-81-7	1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl-, -)	U033	353-50-4	Carbon oxyfluoride (R,T)
U069	84-74-2	1,2-Benzenedicarboxylic acid, dibutyl ester	U211	56-23-5	Carbon tetrachloride
U068	84-66-2	1,2-Benzenedicarboxylic acid, dimethyl ester	U034	75-87-6	Chloral
U102	131-11-3	1,2-Benzenedicarboxylic acid, dimethyl ester	U035	305-03-3	Chlorambucil
U107	117-84-0	1,2-Benzenedicarboxylic acid, diethyl ester	U036	57-74-9	Chlorane, alpha & gamma isomers
U070	95-50-1	Benzene, 1,2-dichloro-	U028	494-03-1	Chloraphazin
U071	541-73-1	Benzene, 1,3-dichloro-	U037	108-90-7	Chlorobenzene
U072	108-46-7	Benzene, 1,4-dichloro-	U038	510-15-6	Chlorobenzene
U080	72-54-8	Benzene, 1,1'-(2,2-dichloroethylidene)bis(4-chloro-	U039	58-50-7	p-Chloro-m-cresol
U017	98-87-3	Benzene, (dichloromethyl)-	U042	110-75-8	2-Chloroethyl vinyl ether
U223	26471-62-5	Benzene, 1,3-bis(2-chloroethyl)amino- (R,T)	U044	87-66-3	Chloroform
U239	1330-20-7	Benzene, dimethyl- (I,T)	U046	107-30-2	Chloromethyl methyl ether
U201	108-46-3	1,3-Benzenediol	U047	91-58-7	beta-Chloronaphthalene
U127	118-74-1	Benzene, hexachloro-	U048	95-57-8	alpha-Chlorophenol
U056	110-82-7	Benzene, hexahydro- (I)	U049	3185-93-3	4-Chloro-o-toluidine, hydrochloride
U220	108-88-3	Benzene, methyl-	U052	13765-19-0	Chromic acid H2CrO4, calcium salt
U095	121-14-2	Benzene, 1-methyl-2,4-dinitro-	U050	218-01-9	Chrysene
U033	606-20-2	Benzene, 2-methyl-1,3-dinitro-	U051		Cresol
U035	98-82-8	Benzene, (1-methylthio)- (I)			
U189	98-95-3	Benzene, nitro-			
U183	608-93-5	Benzene, pentachloro-			

REVISION CHECKLIST 46: Technical corrections; Identification
and Listing of Hazardous Waste (Cont'd)

FEDERAL REQUIREMENT			RCRA CITE		STATE AUTHORITY		IF DIFFERENT FROM FEDERAL REQUIREMENT, EXPLAIN
					STATUTE	REGULATION	
Haz- ardous waste No.	Chemical abstracts No.	Substance	Haz- ardous waste No.	Chemical abstracts No.	Substance		
U052	1319-77-3	Cresol (Cresylic acid)	U226	71-55-6	Ethane, 1,1,1-trichloro-		
U053	4170-30-3	Crtonaldehyde	U227	79-00-5	Ethane, 1,1,2-trichloro-		
U055	98-82-8	Cumene (I)	U359	110-80-5	Ethanol, 2-ethoxy-		
U246	506-68-3	Cyanogen bromide (CN)Br	U173	1118-54-7	Ethanol, 2,2'-[nitrosamino]bis-		
U197	106-51-4	2,5-Cyclohexadiene-1,4-dione	U004	98-86-2	Ethanone, 1-phenyl-		
U056	110-82-7	Cyclohexane (I)	U043	75-01-4	Ethane, chloro-		
U129	58-89-8	Cyclohexane, 1,2,3,4,5,6-hexachloro-	U042	110-75-8	Ethane, (2-chloroethoxy)-		
		(1alpha,2alpha,3beta,4alpha,5alpha,6beta)-	U078	75-35-4	Ethane, 1,1-dichloro-		
U057	108-94-1	Cyclohexanone (I)	U079	156-60-5	Ethane, 1,2-dichloro-, (E)-		
U130	77-47-4	1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro-	U210	127-18-4	Ethane, tetrachloro-		
U058	50-18-0	Cyclophosphamide	U228	79-01-6	Ethane, trichloro-		
U240	94-75-7	2,4-O, sals & esters	U112	141-78-6	Ethyl acetate (I)		
U059	20630-81-3	Daunomycin	U113	140-68-5	Ethyl acrylate (I)		
U060	72-54-8	DDO	U238	51-79-6	Ethyl carbamate (urethane)		
U061	50-29-3	DOT	U117	80-29-7	Ethyl ether (I)		
U062	2303-16-4	Diallate	U114	111-54-6	Ethylenebisorthocarbamic acid, salts & esters		
U063	53-70-3	Dibenz[a,h]anthracene	U067	106-92-4	Ethylene dibromide		
U064	189-55-9	Dibenz[a,h]pyrene	U077	107-06-2	Ethylene dichloride		
U066	96-12-6	1,2-Dibromo-3-chloropropane	U358	110-80-5	Ethylene glycol monoethyl ether		
U069	84-74-2	Diethyl phthalate	U115	75-21-8	Ethylene oxide (I,T)		
U070	95-50-1	o-Dichlorobenzene	U116	96-45-7	Ethylenethiourea		
U071	541-73-1	m-Dichlorobenzene	U076	75-34-3	Ethylenedichloride		
U072	106-46-7	p-Dichlorobenzene	U118	97-63-2	Ethyl methacrylate		
U073	91-94-1	3,3'-Dichlorobenzidine	U119	62-50-0	Ethyl methanesulfonate		
U074	764-41-0	1,4-Dichloro-2-butene (I,T)	U120	206-44-0	Fluoranthene		
U075	75-71-8	Dichlorodifluoromethane	U122	50-00-0	Formaldehyde		
U078	75-35-4	1,1-Dichloroethylene	U123	64-18-6	Formic acid (C,T)		
U079	156-60-5	1,2-Dichloroethylene	U124	110-00-9	Furan (I)		
U025	111-44-4	Dichloroethyl ether	U125	98-01-1	2-Furancarboxaldehyde (I)		
U027	106-80-1	Dichloroisopropyl ether	U147	108-31-6	2,5-Furandione		
U024	111-91-1	Dichloromethoxy ethane	U213	109-99-8	Furan, tetrahydro-(I)		
U081	120-83-2	2,4-Dichlorophenol	U125	98-01-1	Furfural (I)		
U082	87-65-0	2,6-Dichlorophenol	U124	110-00-9	Furfuran (I)		
U084	542-75-6	1,3-Dichloropropene	U206	18883-66-4	Glucopyranose, 2-deoxy-2-[(3-methyl-3-nitrosoureido)-		
U085	1464-53-5	1,2,3,4-Dioxypentane (I,T)			O-		
U108	123-91-1	1,4-Diethyleneoxide	U206	18883-66-4	D-Glucose, 2-deoxy-2-[[[methylnitrosamino]-		
U028	117-81-7	Diethylenyl phthalate			carbonylamino]-		
U086	1615-80-1	N,N'-Diethylnitrazine	U126	765-34-4	Glycidylaldehyde		
U087	3288-58-2	O,O-Diethyl S-methyl orthophosphate	U163	70-25-7	Guandine, N-methyl-N'-nitro-N-nitroso-		
U088	94-66-2	Diethyl phthalate	U127	118-74-1	Hexachlorobenzene		
U089	56-53-1	Diethylstilbestrol	U128	87-68-3	Hexachlorobutadiene		
U090	94-58-6	Dihydrostilole	U130	77-47-4	Hexachlorocyclopentadiene		
U091	118-90-4	3,3'-Dimethoxybenzidine	U131	67-72-1	Hexachloroethane		
U092	124-40-3	Dimethylamine (I)	U132	70-30-4	Hexachlorophene		
U093	60-11-7	p-Dimethylaminobenzene	U243	1888-71-7	Hexachloropropene		
U094	57-97-6	7,12-Dimethylbenz[a]anthracene	U133	302-01-2	Hydrazine (R,T)		
U095	119-93-7	3,3'-Dimethylbenzidine	U086	1615-80-1	Hydrazine, 1,2-diethyl-		
U096	80-15-9	alpha, alpha-Dimethylbenzylhydroperoxide (R)	U098	57-14-7	Hydrazine, 1,1-dimethyl-		
U097	79-44-7	Dimethylcarbamoyl chloride	U099	540-73-8	Hydrazine, 1,2-dimethyl-		
U098	57-14-7	1,1-Dimethylhydrazine	U109	122-66-7	Hydrazine, 1,2-diphenyl-		
U099	540-73-8	1,2-Dimethylhydrazine	U134	7664-39-3	Hydrofluoric acid (C,T)		
U101	105-67-9	2,4-Dimethylphenol	U134	7664-39-3	Hydrogen fluoride (C,T)		
U102	131-11-3	Dimethyl phthalate	U135	7783-06-4	Hydrogen sulfide		
U103	77-78-1	Dimethyl sulfate	U135	7783-06-4	Hydrogen sulfide H.S		
U105	121-14-2	2,4-Dinitrotoluene	U096	80-15-9	Hydroperoxide, 1-methyl-1-phenylethyl-, (R)		
U106	606-20-2	2,6-Dinitrotoluene	U116	96-45-7	2-Imidazolidinethione		
U107	117-84-0	Di-n-octyl phthalate	U137	193-39-5	Indenol 1,2,3-c[pyrene]		
U108	123-91-1	1,4-Dioxane	U139	9004-66-4	Iron dextran		
U109	122-66-7	1,2-Diphenylhydrazine	U190	85-44-9	1,3-Isobenzofuranone		
U110	142-84-7	Dipropylamine (I)	U140	78-83-1	Isobutyl alcohol (I,T)		
U111	621-64-7	Di-n-propylnitrosamine	U141	120-58-1	Isosaltol		
U041	106-89-6	Epichlorohydrin	U142	143-50-0	Kepone		
U001	75-07-0	Ethanol (I)	U143	303-34-4	Lasiocarpine		
U174	55-18-5	Ethanamine, N-ethyl-N-nitroso-	U144	301-04-2	Lead acetate		
U155	91-80-5	1,2-Ethanediamine, N,N-dimethyl-N'-2-pyridyl-N'-(2- thienylmethyl)-	U146	1335-32-6	Lead, bis(acetato-O)tetrahydroxy-		
			U145	7446-27-7	Lead phosphate		
U067	106-93-4	Ethane, 1,2-dibromo-	U148	1335-32-6	Lead subacetate		
U076	75-34-3	Ethane, 1,1-dichloro-	U129	58-89-9	Urdane		
U077	107-06-2	Ethane, 1,2-dichloro-	U163	70-25-7	MNNG		
U131	67-72-1	Ethane, hexachloro-	U147	108-31-6	Maleic anhydride		
U024	111-91-1	Ethane, 1,1'-(methylenediisobutyl-2-chloro-	U148	123-33-1	Maleic hydrazide		
U117	80-29-7	Ethane, 1,1'-oxybis(I)	U149	109-77-3	Malononitrile		
U025	111-44-4	Ethane, 1,1'-oxybis(2-chloro-	U150	148-82-3	Mephalan		
U184	76-01-7	Ethane, pentachloro-	U151	7439-97-6	Mercury		
U208	630-20-6	Ethane, 1,1,1,2-tetrachloro-	U152	126-98-7	Methacrylonitrile (I, T)		
U209	78-34-5	Ethane, 1,1,2,2-tetrachloro-	U092	124-40-3	Methanamine, N-methyl- (I)		
U218	62-55-5	Ethanethioamide	U029	74-83-9	Methane, bromo-		

REVISION CHECKLIST 48: Technical correction
and Listing of Hazardous Waste (Cont.)

FEDERAL REQUIREMENT			RCRA CITE		STATE AUTHORITY		IF DIFFERENT FROM FEDERAL REQUIREMENT, EXPLAIN
					STATUTE	REGULATION	
Haz- ardous waste No.	Chemical abstracts No.	Substance	Haz- ardous waste No.	Chemical abstracts No.	Substance		
U045	74-87-3	Methane, chloro- (I, T)	U186	504-60-9	1,3-Pentadiene (I)		
U046	107-30-2	Methane, chloromethoxy-	U187	62-44-2	Phenacetin		
U068	74-95-3	Methane, chloro-	U188	106-95-2	Phenol		
U080	75-09-2	Methane, dichloro-	U048	95-57-8	Phenol, 2-chloro-		
U075	75-71-8	Methane, dichlorodifluoro-	U039	59-50-7	Phenol, 4-chloro-3-methyl-		
U138	74-88-4	Methane, dodo-	U081	120-83-2	Phenol, 2,4-dichloro-		
U119	62-50-0	Methanesulfonic acid, ethyl ester	U082	87-65-0	Phenol, 2,6-dichloro-		
U211	56-23-5	Methane, tetrachloro-	U089	56-53-1	Phenol, 4-(1,2-dimethyl-1,2-ethenediyl)bis-, (E)-		
U153	74-93-1	Methanethiol (I, T)	U101	105-67-9	Phenol, 2,4-dimethyl-		
U225	75-25-2	Methane, tribromo-	U052	1319-77-3	Phenol, methyl-		
U044	67-66-3	Methane, trichloro-	U132	70-30-4	Phenol, 2,2'-methylenebis[3,4,6-trichloro-		
U121	75-69-4	Methane, trichlorofluoro-	U170	100-02-7	Phenol, 4-nitro-		
U036	57-74-9	4,7-Methano-1H-indene, 1,2,4,5,6,7,8,8-octachloro- 2,3,3a,4,7,7a-hexahydro-	See F027	87-86-5	Phenol, pentachloro-		
U154	67-56-1	Methanol (I)	See F027	58-90-2	Phenol, 2,3,4,6-tetrachloro-		
U155	91-90-5	Methapyrene	See F027	95-95-4	Phenol, 2,4,5-trichloro-		
U142	143-50-0	1,3,4-Metheno-2H-cyclobut[cd]pentalen-2-one, 1,1a,3,3a,4,5,5,5a,5b,6-decachlorooctahydro-	See F027	88-06-2	Phenol, 2,4,6-trichloro-		
U247	72-43-5	Methoxychlor	U150	146-82-3	1-Phenylethylamine, 4-(bis(2-chloroethyl)amino)-		
U154	67-56-1	Methyl alcohol (I)	U145	7448-27-7	Phosphoric acid, lead(2+) salt (2:3)		
U029	74-83-9	Methyl bromide	U087	3258-58-2	Phosphorodithioic acid, O,O-diethyl S-methyl ester		
U186	504-60-9	1-Methylbutadiene (I)	U189	1314-80-3	Phosphorus sulfide (R)		
U045	74-87-3	Methyl chloride (I, T)	U190	85-44-9	Phthalic anhydride		
U156	79-22-1	Methyl chlorocarbonate (I, T)	U191	108-06-8	2-Picoline		
U226	71-55-8	Methyl chloroform	U179	100-75-4	Piperidine, 1-nitroso-		
U157	56-49-5	3-Methylcholanthrene	U192	23950-58-5	Propanamide		
U158	101-14-4	4,4'-Methylenebis(2-chloroaniline)	U194	107-10-8	1-Propanamine (I, T)		
U068	74-95-3	Methylene bromide	U111	621-64-7	1-Propanamine, N-nitroso-N-propyl-		
U080	75-09-2	Methylene chloride	U110	142-84-7	1-Propanamine, N-propyl- (I)		
U159	78-93-3	Methyl ethyl ketone (MEK) (I, T)	U086	96-12-8	Propane, 1,2-dibromo-3-chloro-		
U160	1338-23-4	Methyl ethyl ketone peroxide (R, T)	U083	78-87-5	Propane, 1,2-dichloro-		
U138	74-88-4	Methyl iodide	U149	109-77-3	Propanedinitrile		
U161	106-10-1	Methyl isobutyl ketone (I)	U171	79-45-9	Propane, 2-nitro- (I, T)		
U162	80-62-6	Methyl methacrylate (I, T)	U027	108-60-1	Propane, 2,2'-oxybis(2-chloro-		
U161	106-10-1	4-Methyl-2-pentanone (I)	U193	1120-71-4	1,3-Propane sulfone		
U164	56-04-2	Methylthiourea	See F027	93-72-1	Propanoic acid, 2-(2,4,5-trichlorophenoxy)-		
U010	50-07-7	Mitomycin C	U235	126-72-7	1-Propanol, 2,3-dibromo-, phosphite (3:1)		
U059	20830-81-3	5,12-Naphthacenedione, 8-acetyl-10-[(3-amino-2,3,6-trideoxy)-alpha-L-xylo-hexopyranosyloxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-1-methoxy-, (8S-cis)-	U140	78-83-1	1-Propanol, 2-methyl- (I, T)		
U187	134-32-7	1-Naphthalenamine	U002	67-64-1	2-Propanone (I)		
U168	91-59-8	2-Naphthalenamine	U007	79-06-1	2-Propanamide		
U026	494-03-1	Naphthalenamine, N,N'-bis(2-chloroethyl)-	U064	542-75-6	1-Propene, 1,3-dichloro-		
U165	91-20-3	Naphthalene	U243	1888-71-7	1-Propene, 1,1,2,3,3,3-hexachloro-		
U047	91-58-7	Naphthalene, 2-chloro-	U009	107-13-1	2-Propenitrile		
U166	130-15-4	1,4-Naphthalenedione	U152	126-96-7	2-Propenitrile, 2-methyl- (I, T)		
U236	72-57-1	2,7-Naphthalenedisulfonic acid, 3,3'-[(3,3'-dimethyl-1,1'-biphenyl)-4,4'-diyl]bis[azobis(5-amino-4-hydroxy)-], tetrasodium salt	U008	79-10-7	2-Propenoic acid (I)		
U166	130-15-4	1,4-Naphthoquinone	U113	140-88-5	2-Propenoic acid, ethyl ester (I)		
U167	134-32-7	alpha-Naphthylamine	U118	97-63-2	2-Propenoic acid, 2-methyl-, ethyl ester		
U168	91-59-8	beta-Naphthylamine	U162	80-62-6	2-Propenoic acid, 2-methyl-, methyl ester (I, T)		
U217	10102-45-1	Nitric acid, thallium(1+) salt	U194	107-10-8	n-Propylamine (I, T)		
U169	98-95-3	Nitrobenzene (I, T)	U083	78-87-5	Propylene dichloride		
U170	100-02-7	p-Nitrophenol	U148	123-33-1	3,6-Pyridinedione, 1,2-dihydro-		
U171	79-46-9	2-Nitropropane (I, T)	U196	110-66-1	Pyridine		
U172	924-16-3	N-Nitrosod-n-butylamine	U191	109-06-8	Pyridine, 2-methyl-		
U173	1116-54-7	N-Nitrosodethanolamine	U237	66-75-1	2,4-(1H,3H)-Pyrimidinone, 5-bis(2-chloroethyl)amino-		
U174	55-18-5	N-Nitrosodethylamine	U164	56-04-2	4(1H)-Pyrimidinone, 2,3-dihydro-6-methyl-2-moxo-		
U176	759-73-9	N-Nitroso-N-ethylurea	U180	930-55-2	Pyrolic acid, 1-nitroso-		
U177	684-93-5	N-Nitroso-N-methylurea	U200	50-55-5	Reserpine		
U178	615-53-2	N-Nitroso-N-methylurethane	U201	108-46-3	Resorcinol		
U179	100-75-4	N-Nitrosopropene	U202	81-07-2	Saccharin, & salts		
U180	930-55-2	N-Nitrosopyrrolidine	U203	94-59-7	Saltose		
U181	99-55-8	5-Nitro-o-toluidine	U204	7783-00-8	Selenious acid		
U193	1120-71-4	1,2-Oxathiolane, 2,2-dioxide	U204	7783-00-8	Selenium dioxide		
U058	50-18-0	2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide	U205	7468-56-4	Selenium sulfide		
U115	75-21-8	Oxirane (I, T)	U205	7468-56-4	Selenium sulfide Se ₂ (R, T)		
U126	785-34-4	Oximecarboxaldehyde	U015	115-02-6	L-Serine, diacetate (ester)		
U041	106-89-8	Oxirane, (chloromethyl)-	See F027	93-72-1	Silver (2,4,5-TP)		
U182	123-63-7	Paraldehyde	U206	18883-66-4	Streptozotocin		
U183	606-93-5	Pentachlorobenzene	U103	77-78-1	Sulfonic acid, dimethyl ester		
U184	76-01-7	Pentachloroethane	U189	1314-80-3	Sulfur phosphide (R)		
U185	82-68-8	Pentachloronitrobenzene (PCNB)	See F027	93-76-5	2,4,5-T		
U186	87-86-5	Pentachlorophenol	U207	95-84-3	1,2,4,5-Tetrachlorobenzene		
U181	106-10-1	Penland, 4-methyl-	U208	630-20-6	1,1,1,2-Tetrachloroethane		

RCRA REVISION CHECKLIST - 6. Identification and Listing of Hazardous Waste (Cont'd)

FEDERAL REQUIREMENT			RCRA CITE		STATE AUTHORITY		IF DIFFERENT FROM FEDERAL REQUIREMENT, EXPLAIN
					STATUTE	REGULATION	
Haz- ardous waste No.	Chemical abstracts No.	Substance	Haz- ardous waste No.	Chemical abstracts No.	Substance		
U209	79-34-5	1,1,2,2-Tetrachloroethane	U228	79-01-6	Trichloroethylene		
U210	127-18-4	Tetrachloroethylene	U121	75-69-4	Trichloromonofluoromethane		
See F027	58-90-2	2,2,4,6-Tetrachlorophenol	See F027	95-95-4	2,4,5-Trichlorophenol		
U213	109-99-9	Tetrahydrofuran (l)	See F027	98-06-2	2,4,6-Trichlorophenol		
U214	563-68-8	Thallium(I) acetate	U234	99-35-4	1,3,5-Trinitrobenzene (R.T)		
U215	6533-73-9	Thallium(I) carbonate	U182	123-63-7	1,3,5-Trioxane, 2,4,6-trimethyl-		
U216	7791-12-0	Thallium(I) chloride	U235	126-72-7	Tri(2,3-dibromopropyl) phosphate		
U216	7791-12-0	Thallium chloride Tcd	U236	72-57-1	Trypan blue		
U217	10102-45-1	Thallium(I) nitrate	U237	66-75-1	Ureol mustard		
U218	62-55-5	Thioacetamide	U178	759-73-9	Urea, N-ethyl-N-nitroso-		
U153	74-93-1	Thiomethanol (l.T)	U177	684-93-5	Urea, N-methyl-N-nitroso-		
U244	137-25-8	Thioperoxydicarbonic diamide ((H ₄ N)(S)) ₂ S ₂ , tetra- methyl-	U043	75-01-4	Vinyl chloride		
U219	62-56-6	Thiourea	U248	181-81-2	Warfarin, & salts, when present at concentrations of 0.3% or less		
U244	137-25-8	Thiram	U239	1330-20-7	Xylene (l)		
U220	108-88-3	Toluene	U200	50-55-5	Yohimban-16-carboxylic acid, 11,17-dimethoxy-18- [[3,4,5-trimethoxybenzoyl]oxy]-, methyl ester, (3beta,16beta,17alpha,18beta,20alpha)-		
U221	25376-45-8	Toluenediamine	U249	1314-84-7	Zinc phosphide Zn ₃ P ₂ , when present at concentra- tions of 10% or less		
U223	26471-62-5	Toluene diisocyanate (R.T)					
U328	95-53-4	o-Toluidine					
U353	106-49-0	p-Toluidine					
U222	636-21-5	o-Toluidine hydrochloride					
U011	61-82-5	1H-1,2,4-Triazol-3-amine					
U227	79-00-5	1,1,2-Trichloroethane					

¹ CAS Number given for parent compound only.

APPENDIX VIII TO PART 261

HAZARDOUS CONSTITUENTS

add hazardous
waste numbers

Appendix VIII

Common name	Chemical abstracts name	Chemical abstracts No.	Hazardous waste No.
Acetonitrile	Same	75-05-8	U003
Acetophenone	Ethanone, 1-phenyl-	98-86-2	U004
2-Acetylaminofluorene	Acetamide, N-9H-fluoren-2-yl-	53-96-3	U005
Acetyl chloride	Same	75-36-5	U006
1-Acetyl-2-thiourea	Acetamide, N-(aminothiosomethyl)-	591-08-2	P002
Acrolein	2-Propenal	107-02-8	P003
Acrylamide	2-Propenamide	79-06-1	U007
Acrylonitrile	2-Propenenitrile	107-13-1	U008
Aflatoxins	Same	1402-68-2	
Aldicarb	Propenal, 2-methyl-2-(methylthio)-, O-((methylamino)carbonyl)oxime	116-06-3	P070
Aldrin	1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10,10-hexachloro-1,4,4a,5,8a-hexahydro-, (1alpha,4alpha,4beta,5alpha,8alpha,8beta)-	309-00-2	P004
Allyl alcohol	2-Propen-1-ol	107-18-6	P005
Aluminum phosphide	Same	20659-73-8	P006
4-Aminobiphenyl	(1,1'-Biphenyl)-4-amine	92-67-1	
5-(Aminomethyl)-3-isoxazolid	3(2H)-isoxazolidine, 5-(aminomethyl)-	2763-96-4	P007
4-Aminopyridine	4-Pyridinamine	504-24-5	P008
Amtronic	1H-1,2,4-Triazol-3-amine	61-82-5	U011
Ammonium vanadate	Vanadic acid, ammonium salt	7803-55-6	P119
Aniline	Benzenamine	62-53-3	U012
Antimony	Same	7440-36-0	
Antimony compounds, N.O.S. ¹			
Aramite	Sulfurous acid, 2-chloroethyl 2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl ester	140-57-8	
Arsenic	Same	7440-38-2	
Arsenic compounds, N.O.S. ¹			
Arsenic acid	Arsenic acid H ₃ AsO ₄	7778-39-4	P010
Arsenic pentoxide	Arsenic oxide As ₂ O ₅	1303-28-2	P011
Arsenic trioxide	Arsenic oxide As ₂ O ₃	1327-53-3	P012
Auramine	Benzenamine, 4-(4-carbonimidoyl)bis(N,N-dimethyl)	492-80-8	U014
Azaserine	L-Serine, diazoacetate (ester)	115-02-6	U015
Barium	Same	7440-39-3	
Barium compounds, N.O.S. ¹			
Barium cyanide	Same	542-62-1	P013

NON CHECKLIST 46: Technical Corrections; Identification and Listing of Hazardous Waste (Cont'd)

FEDERAL REQUIREMENT	RCRA CITE	STATE AUTHORITY		IF DIFFERENT FROM FEDERAL REQUIREMENT, EXPLAIN
		STATUTE	REGULATION	
Common name	Chemical abstracts name	Chemical abstracts No.	Hazardous waste No.	
Benz(c)acridine	Same	225-51-4	U016	
Benz(a)anthracene	Same	56-55-3	U018	
Benzal chloride	Benzene (dichloromethyl)-	98-87-3	U017	
Benzene	Same	71-43-2	U019	
Benzenearsonic acid	Arsenic acid phenyl-	38-05-5		
Benzidine	[(1,1'-Bi-phenyl)-4,4'-diamine	92-87-5	U021	
Benzof(b)fluoranthene	Benz(e)acephenanthrylene	205-99-2		
Benzof(i)fluoranthene	Same	205-82-3		
Benzof(a)pyrene	Same	50-32-8	U022	
p-Benzodioxone	2,5-Cyclohexadene-1,4-dione	106-51-4	U197	
Benzotrifluoride	Benzene, (trichloromethyl)-	98-07-7	U023	
Benzyl chloride	Benzene, (chloromethyl)-	100-44-7	P028	
Beryllium	Same	7440-41-7	P015	
Beryllium compounds, N.O.S.				
Bromacetone	2-Propanone, 1-bromo-	598-31-2	P017	
Bromotoluene	Methane, bromo-	75-25-2	U225	
4-Bromophenyl phenyl ether	Benzene, 1-bromo-4-phenoxy-	101-55-3	U030	
Bucone	Stychnidin-10-one, 2,3-dimethoxy-	357-57-3	P018	
Butyl benzyl phthalate	1,2-Benzenedicarboxylic acid, butyl phenylmethyl ester	85-68-7		
Calcodyc acid	Arsinic acid, dimethyl-	75-60-5	U136	
Cadmium	Same	7440-43-9		
Cadmium compounds, N.O.S.				
Calcium chromate	Chromic acid H ₂ CrO ₄ , calcium salt	13765-19-0	U032	
Calcium cyanide	Calcium cyanide Ca(CN) ₂	592-01-8	P021	
Carbon disulfide	Same	75-15-0	P022	
Carbon oxyfluoride	Carbonic oxyfluoride	353-50-4	U033	
Carbon tetrachloride	Methane, tetrachloro-	56-23-5	U211	
Chloral	Acetaldehyde, trichloro-	75-87-6	U034	
Chlorambucil	Benzenesulfonic acid, 4-(bis(2-chloroethyl)amino)-	305-03-3	U035	
Chlordane	4,7-Methano-1H-indene, 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-	57-74-9	U036	
Chlordane (alpha and gamma isomers)				
Chlorinated benzenes, N.O.S.				
Chlorinated ethane, N.O.S.				
Chlorinated fluorocarbons, N.O.S.				
Chlorinated naphthalene, N.O.S.				
Chlorinated phenol, N.O.S.				
Chloromaphazin	Naphthalenamine, N,N-bis(2-chloroethyl)-	494-03-1	U026	
Chloroacetaldehyde	Acetaldehyde, chloro-	107-20-0	P023	
Chloroalkyl ethers, N.O.S.				
p-Chloroaniline	Benzenamine, 4-chloro-	106-47-8	P024	
Chlorobenzene	Benzene, chloro-	106-90-7	U037	
Chlorobenzate	Benzeneacetic acid, 4-chloro-alpha-(4-chlorophenyl)-alpha-hydroxy-, ethyl ester	510-15-6	U038	
p-Chloro-m-cresol	Phenol, 4-chloro-3-methyl-	59-50-7	U039	
2-Chloroethyl vinyl ether	Ethene, (2-chloroethoxy)-	110-75-8	U042	
Chloroform	Methane, trichloro-	67-66-3	U044	
Chloromethyl methyl ether	Methane, chloromethoxy-	107-30-2	U046	
beta-Chloronaphthalene	Naphthalene, 2-chloro-	91-58-7	U047	
o-Chlorophenol	Phenol, 2-chloro-	95-57-8	U048	
1-(o-Chlorophenyl)thiourea	Thiourea, (2-chlorophenyl)-	5344-82-1	P026	
Chloroprene	1,3-Butadiene, 2-chloro-	126-99-8		
3-Chloropropionitrile	Propanenitrile, 3-chloro-	542-78-7	P027	
Chromium	Same	7440-47-3		
Chromium compounds, N.O.S.				
Chrysene	Same	218-01-9	U050	
Citrus red No. 2	2-Naphthalenol, 1-[(2,5-dimethoxyphenyl)azo]-	6358-53-8		
Coal tar creosote	Same	8007-45-2		
Copper cyanide	Copper cyanide CuCN	544-92-3	P029	
Creosote	Same			
Cresol (Cresylic acid)	Phenol, methyl-	1319-77-3	U052	
Crotonaldehyde	2-Butenal	4170-30-3	U053	
Cyanides (soluble salts and complexes) N.O.S.			P030	
Cyanogen	Ethenedinitrile	460-19-5	P031	
Cyanogen bromide	Cyanogen bromide (CN)Br	506-68-3	U248	
Cyanogen chloride	Cyanogen chloride (CN)Cl	506-77-4	P033	
Cycasin	beta-D-Glucopyranoside, (methyl-ONN-azory)methyl	14901-08-7		
2-Cyclohexyl-4,6-dinitrophenol	Phenol, 2-cyclohexyl-4,6-dinitro-	131-89-5	P034	
Cyclophosphamide	2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide	50-18-0	U058	
2,4-D	Acetic acid, (2,4-dichlorophenoxy)-	94-75-7	U240	
2,4-D salts, esters			U240	
Daunomycin	5,12-Naphthacenedione, 8-acetyl-10-[(3-amino-2,3,8-indenyl-alpha-L-lyxo-hexopyranosyl)oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-1-methoxy-, (8S-cis)-	20830-81-3	U059	
DDD	Benzene, 1,1-(2,2-dichloroethylidene)bis(4-chloro-	72-14-8	U060	
DOE	Benzene, 1,1-(dichloroethylidene)bis(4-chloro-	72-55-9		
DOT	Benzene, 1,1-(2,2,2-trichloroethylidene)bis(4-chloro-	50-29-3	U061	
Diethyl phthalate	Carbomethoxy acid, bis(1-methylethyl)-, 5-(2,3-dichloro-2-propenyl) ester	2303-16-4	U062	
Diethyl(a,h)acridine	Same	226-36-8		
Diethyl(a,i)acridine	Same	224-42-0		
Diethyl(a,h)anthracene	Same	53-70-3	U063	
7H-Dibenzo(c,g)carbazole	Same	194-59-2		

RCRA REVISION CHECKLIST 46: Technical corrections; Identification and Listing of Hazardous Waste (Cont'd)

FEDERAL REQUIREMENT	RCRA CITE	STATE AUTHORITY		IF DIFFERENT FROM FEDERAL REQUIREMENT, EXPLAIN
		STATUTE	REGULATION	
Common name	Chemical abstracts name	Chemical abstracts No.	Hazardous waste No.	
Dibenz(a,e)pyrene	Naphtho[1,2,3,4-def]chrysene	192-65-4		
Dibenz(a,h)pyrene	Dibenz(b,def)chrysene	189-64-0		
Dibenz(a,i)pyrene	Benzo[rsi]pentaphene	189-55-9		U064
1,2-Dibromo-3-chloropropane	Propane, 1,2-dibromo-3-chloro-	96-12-8		U066
Decyl phthalate	1,2-Benzenedicarboxylic acid, decyl ester	84-74-2		U069
o-Dichlorobenzene	Benzene, 1,2-dichloro-	95-50-1		U070
m-Dichlorobenzene	Benzene, 1,3-dichloro-	541-73-1		U071
p-Dichlorobenzene	Benzene, 1,4-dichloro-	106-46-7		U072
Dichlorobenzene, N.O.S.	Benzene, dichloro-	25321-22-6		
3,3'-Dichlorobenzidine	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dichloro-	91-34-1		U073
1,4-Dichloro-2-butene	2-Butene, 1,4-dichloro-	764-41-0		U074
Dichlorodifluoromethane	Methane, dichlorodifluoro-	75-71-8		U075
Dichloroethylene, N.O.S.	Dichloroethylene	25325-30-2		
1,1-Dichloroethylene	Ethene, 1,1-dichloro-	75-35-4		U078
1,2-Dichloroethylene	Ethene, 1,2-dichloro-, (E)-	156-60-5		U079
Dichloroethyl ether	Ethane, 1,1'-oxybis(2-chloro-	111-44-4		U025
Dichloroisopropyl ether	Propane, 2,2'-oxybis(2-chloro-	108-60-1		U027
Dichloromethoxy ethane	Ethane, 1,1'-[methylenedioxy]bis(2-chloro-	111-91-1		U024
Dichloromethyl ether	Methane, oxybis(chloro-	542-88-1		P016
2,4-Dichlorophenol	Phenol, 2,4-dichloro-	120-83-2		U081
2,6-Dichlorophenol	Phenol, 2,6-dichloro-	87-65-0		U082
Dichlorophenylarsine	Arsinous dichloride, phenyl-	696-28-6		P036
Dichloropropane, N.O.S.	Propane, dichloro-	26638-19-7		
Dichloropropanol, N.O.S.	Propanol, dichloro-	26545-73-3		
Dichloropropene, N.O.S.	1-Propene, dichloro-	26952-23-8		
1,3-Dichloropropene	1-Propene, 1,3-dichloro-	542-75-6		U084
Dieldrin	2,7,3,6-Dimethanonaphth[2,3-b]oxarene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octa-hydro-, (1aalpha,2beta,2alpha,3beta,6beta,6alpha,7beta,7alpha)-	60-57-1		P037
1,2,3,4-Diisopropylbenzene	2,2-Dioxane	1464-53-5		U085
Diethylarsine	Arsine, diethyl-	692-42-2		P038
1,4-Diethyleneoxide	1,4-Dioxane	123-91-1		U108
Diethylthyl phthalate	1,2-Benzenedicarboxylic acid, bis(2-ethylthyl) ester	117-81-7		U028
N,N'-Diethylhydrazine	Hydrazine, 1,2-diethyl-	1615-80-1		U086
O,O-Diethyl S-methyl dithiophosphate	Phosphorodithioic acid, O,O-diethyl S-methyl ester	3288-58-2		U087
Diethyl-p-nitrophenyl phosphite	Phosphonic acid, diethyl 4-nitrophenyl ester	311-45-5		P041
Diethyl phthalate	1,2-Benzenedicarboxylic acid, diethyl ester	84-66-2		U068
O,O-Diethyl O-pyrazinyl phosphorothioate	Phosphorothioic acid, O,O-diethyl O-pyrazinyl ester	297-97-2		P040
Diethylstilbestrol	Phenol, 4,4'-(1,2-diethyl-1,2-ethenediyl)bis-, (E)-	56-52-1		U069
Dihydrostilbene	1,3-Benzodioxole, 5-propyl-	94-58-6		U090
Diisopropylfluorophosphate (DFP)	Phosphorofluoric acid, bis(1-methylethyl) ester	55-91-4		P043
Dimethoate	Phosphorodithioic acid, O,O-dimethyl S-[(2-methylamino)-2-oxoethyl] ester	60-51-5		P044
3,3'-Dimethoxybenzidine	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dimethoxy-	119-90-4		U091
p-Dimethylaminodibenzene	Benzenamine, N,N-dimethyl-4-(phenylazo)-	60-11-7		U093
7,12-Dimethylbenz(a)anthracene	Benzo(a)anthracene, 7,12-dimethyl-	57-97-6		U094
3,3'-Dimethylbenzidine	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dimethyl-	119-93-7		U095
Dimethylcarbamoyl chloride	Carbamic chloride, dimethyl-	79-44-7		U097
1,1-Dimethylhydrazine	Hydrazine, 1,1-dimethyl-	57-14-7		U098
1,2-Dimethylhydrazine	Hydrazine, 1,2-dimethyl-	540-73-8		U099
alpha, alpha-Dimethylphenethylamine	Benzenethanamine, alpha, alpha-dimethyl-	122-09-8		P046
2,4-Dimethylphenol	Phenol, 2,4-dimethyl-	105-67-3		U101
Dimethyl phthalate	1,2-Benzenedicarboxylic acid, dimethyl ester	131-11-3		U102
Dimethyl sulfate	Sulfuric acid, dimethyl ester	77-78-1		U103
Dinitrobenzene, N.O.S.	Benzene, dinitro-	25154-54-5		
4,6-Dinitro-o-cresol	Phenol, 2-methyl-4,6-dinitro-	534-52-1		P047
4,6-Dinitro-o-cresol salts				P047
2,4-Dinitrophenol	Phenol, 2,4-dinitro-	51-28-5		P048
2,4-Dinitrotoluene	Benzene, 1-methyl-2,4-dinitro-	121-14-2		U105
2,6-Dinitrotoluene	Benzene, 2-methyl-1,3-dinitro-	606-20-2		U106
Dinoseb	Phenol, 2-(1-methoxypropyl)-4,6-dinitro-	88-85-7		P020
D,n-octyl phthalate	1,2-Benzenedicarboxylic acid, dioctyl ester	117-84-0		U017
Diphenylamine	Benzenamine, N-phenyl-	122-39-4		
1,2-Diphenylhydrazine	Hydrazine, 1,2-diphenyl-	122-66-7		U109
D,n-propylnitrosamine	1-Propanamine, N-nitroso-N-propyl-	621-64-7		U111
Disulfoton	Phosphorodithioic acid, O,O-diethyl S-[(2-ethylthio)ethyl] ester	298-04-4		P039
Dithioburet	Thiomethylenediphosphonic diimide [(H ₂ N)C(S) ₂] ₂ NH	541-53-7		P049
Endosulfan	6,9-Methano-2,4,3-benzodioxathiepin, 6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-hexahydro-, 3-oxide	115-29-7		P050
Endothal	7-Oxabicyclo[2,2,1]heptane-2,3-dicarboxylic acid	145-73-3		P068
Endrin	2,7,3,6-Dimethanonaphth[2,3-b]oxarene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octa-hydro-, (1aalpha,2beta,2alpha,3beta,6beta,6alpha,7beta,7alpha)-	72-20-8		P051
Endrin metabolites				P051
Epichlorohydrin	Oxirane, (chloromethyl)-	106-89-8		U041
Epinephrine	1,2-Benzenediol, 4-[(1-hydroxy-2-(methylamino)ethyl]-, (R)-	51-43-4		P042
Ethyl carbamate (urethane)	Carbamic acid, ethyl ester	51-79-6		U238
Ethyl cyanide	Propanenitrile	107-12-0		P101
Ethylenedithiocarbamic acid	Carbamodithioic acid, 1,2-ethanedithybis-	111-54-6		U114
Ethylenedithiocarbamic acid, salts and esters				U114

RCRA REVISION CHECKLIST and Listing of Hazardous

and Listing of Hazardous

FEDERAL REQUIREMENT	RCRA CITE	STATE AUTHORITY		IF DIFFERENT FROM FEDERAL REQUIREMENT, EXPLAIN
		STATUTE	REGULATION	
Common name	Chemical abstracts name	Chemical abstracts No.	Hazardous waste No.	
Ethylene dibromide	Ethane, 1,2-dibromo-	106-93-4	U067	
Ethylene dichloride	Ethane, 1,2-dichloro-	107-06-2	U077	
Ethylene glycol monoethyl ether	Ethanol, 2-ethoxy-	110-80-5	U059	
Ethylenimine	Aziridine	151-56-4	P054	
Ethylene oxide	Oxirane	75-21-8	U115	
Ethylenethiourea	2-Imidazolidinethione	96-45-7	U116	
Ethylene dichloride	Ethane, 1,1-dichloro-	75-34-3	U078	
Ethyl methacrylate	2-Propenoic acid, 2-methyl-, ethyl ester	97-63-2	U118	
Ethyl methanesulfonate	Methanesulfonic acid, ethyl ester	62-50-0	U119	
Famphur	Phosphorothioic acid, O-[4-[(dimethylamino)sulfonyl]phenyl] O,O-dimethyl ester	52-85-7	P057	
Fluoranthene	Same	206-44-0	U120	
Fluorine	Same	7782-41-4	P056	
Fluoroacetamide	Acetamide, 2-fluoro-	640-19-7	P057	
Fluoroacetic acid, sodium salt	Acetic acid, fluoro-, sodium salt	62-74-8	P058	
Formaldehyde	Same	50-00-0	U122	
Formic acid	Same	64-18-6	U123	
Glycidylaldehyde	Oxanecarbonylaldehyde	765-34-4	U126	
Heptachloranes, N.O.S.				
Heptachlor	4,7-Methano-1H-indene, 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-	76-44-8	P059	
Heptachlor epoxide	2,5-Methano-2H-indeno[1,2-b]oxirene, 2,3,4,5,6,7,7-heptachloro-1a,1b,5,5a,6,6a-hexahydro-, (1aalpha,1bbeta,2alpha,5alpha,5abeta,6beta,6aalpha)-	1024-57-3		
Heptachlor epoxide (alpha, beta, and gamma isomers)				
Hexachlorobenzene	Benzene, hexachloro-	118-74-1	U127	
Hexachlorobutadiene	1,3-Butadiene, 1,1,2,3,4,4-hexachloro-	87-68-3	U128	
Hexachlorocyclopentadiene	1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro-	77-47-4	U130	
Hexachlorobenzop-dioxins				
Hexachlorobenzofurans				
Hexachloroethane	Ethane, hexachloro-	67-72-1	U131	
Hexachlorophene	Phenol, 2,2'-methylenebis[3,4,6-trichloro-	77-30-4	U132	
Hexachloropropene	1-Propene, 1,1,2,3,3,3-hexachloro-	1888-71-7	U243	
Hexaethyl tetraphosphate	Tetraphosphoric acid, hexaethyl ester	757-58-4	P062	
Hydrazine	Same	302-01-2	U133	
Hydrogen cyanide	Hydrocyanic acid	74-90-8	P063	
Hydrogen fluoride	Hydrofluoric acid	7664-39-3	U134	
Hydrogen sulfide	Hydrogen sulfide H ₂ S	7783-06-4	U135	
Indeno[1,2,3-cd]pyrene	Same	193-39-5	U137	
Iron dextran	Same	9004-66-4	U139	
Isobutyl alcohol	1-Propanol, 2-methyl-	78-83-1	U140	
Isonitril	1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-, (1alpha,4alpha,4abeta,5beta,8beta,8abeta)-	465-73-6	P060	
Isonitril	1,3-Benzodioxole, 5-(1-propenyl)-	120-58-1	U141	
Kepone	1,3,4-Metheno-2H-cyclobuta[cd]pentalen-2-one, 1,1a,3,3a,4,5,5,5a,5b,6-decachlorooctahydro-	143-50-0	U142	
Lasiocarpine	2-Butenoic acid, 2-methyl-, 7-[[[2,3-dihydroxy-2-(1-methoxyethyl)-3-methyl-1-oxobutoxy]methyl]-2,3,5,7a-tetrahydro-1H-pyrazin-1-yl ester, (1S-[(1alpha(Z),7(2S*,3R*),7aalpha)])-	303-34-1	4143	
Lead	Same	7439-92-1		
Lead compounds, N.O.S.				
Lead acetate	Acetic acid, lead(2+) salt	301-04-2	U144	
Lead phosphonate	Phosphonic acid, lead(2+) salt (2:1)	7446-27-7	U145	
Lead subacetate	Lead, bis(acetato-O)tetrahydroxy-	1335-32-6	U146	
Lindane	Cyclonexane, 1,2,3,4,5,6-hexachloro-, (1alpha,2alpha,3beta,4alpha,5alpha,6beta)-	58-89-9	U129	
Maleic anhydride	2,5-Furandione	106-31-6	U147	
Maleic hydrazide	3,6-Pyridinedione, 1,2-dihydro-	123-33-1	U148	
Malononitrile	Propanedinitrile	109-77-3	U149	
Meiphan	L-Phenylalanine, 4-[(bis(2-chloroethyl)amino)-	148-82-3	U150	
Mercury	Same	7439-97-6	U151	
Mercury compounds, N.O.S.				
Mercury fulminate	Fulminic acid, mercury(2+) salt	628-86-4	P065	
Methacrylonitrile	2-Propenenitrile, 2-methyl-	126-98-7	U152	
Methacrylene	1,2-Ethanediamine, N,N-dimethyl-N-(2-pyridinyl-N-(2-phenylmethyl)-	91-80-5	U153	
Methomyl	Ethanedithioic acid, N-[[[(methylamino)carbonyl]oxy]-, methyl ester	16752-77-5	P066	
Methoxychlor	Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-methoxy-	72-43-5	U247	
Methyl bromide	Methane, bromo-	74-83-9	U029	
Methyl chloride	Methane, chloro-	74-87-3	U045	
Methyl chloroacetate	Carbonochloridic acid, methyl ester	79-22-1	U156	
Methyl chloroform	Ethane, 1,1,1-trichloro-	71-55-6	U226	
3-Methylcholanthrene	Benz[1]aceanthrylene, 1,2-dihydro-3-methyl-	56-49-5	U157	
4,4'-Methylenebis(2-chloroaniline)	Benzenamine, 4,4'-methylenebis[2-chloro-	101-14-4	U158	
Methylene bromide	Methane, bromo-	74-95-3	U068	
Methylene chloride	Methane, dichloro-	75-09-2	U080	
Methyl ethyl ketone (MEK)	2-Butanone	78-93-3	U159	
Methyl ethyl ketone peroxide	2-Butanone, peroxide	1338-23-4	U160	
Methyl hydrazine	Hydrazine, methyl-	60-34-4	P068	
Methyl iodide	Methane, iodo-	74-88-4	U138	
Methyl isocyanate	Methane, isocyanato-	624-83-9	P064	
2-Methylacetonitrile	Propanenitrile, 2-hydroxy-2-methyl-	75-86-5	P069	
Methyl methacrylate	2-Propenoic acid, 2-methyl-, methyl ester	80-62-6	U162	
Methyl methanesulfonate	Methanesulfonic acid, methyl ester	66-27-3		
Methyl parathion	Phosphorothioic acid, O,O-dimethyl O-(4-nitrophenyl) ester	298-00-0	P071	

APPENDIX 46: Technical corrections; Identification and Listing of Hazardous Waste (Cont'd)

FEDERAL REQUIREMENT	RCRA CITE	STATE AUTHORITY		IF DIFFERENT FROM FEDERAL REQUIREMENT, EXPLAIN
		STATUTE	REGULATION	
Common name	Chemical abstracts name		Chemical abstracts No.	Hazardous waste No.
Methylthiourea	4(1H)-Pyrimidinone, 2,3-dihydro-6-methyl-2-thio-		56-04-2	U164
Mitomycin C	Azino[2,3',3,4']pyrrolo[1,2-a]nucleo-4,7-dione, 6-amino-8-[[[amminocarbonyl(methylamino)]-1,1a,2,8,8a,8b-hexahydro-8a-methoxy-5-methyl-1[1aS-(1aalpha,8beta,8aalpha,8balpha)]]]		50-07-7	U010
MNNG	Guandine, N-methyl-N-nitro-N-nitroso-		70-25-7	U163
Mustard gas	Ethane, 1,1'-thiois(2-chloro-		505-60-2	
Naphthalene	Same		91-20-3	U165
1,4-Naphthoquinone	1,4-Naphthalenedione		130-15-4	U166
alpha-Naphthylamine	1-Naphthalenamine		134-32-7	U167
beta-Naphthylamine	2-Naphthalenamine		91-59-8	U168
alpha-Naphthylthiourea	Thiourea, 1-naphthalenyl-		86-88-4	P072
Nickel	Same		7440-02-0	
Nickel compounds, N O S				
Nickel carbonyl	Nickel carbonyl Ni(CO) ₄ (T-4)		13463-39-3	P073
Nickel cyanide	Nickel cyanide Ni(CN) ₂		557-19-7	P074
Nicotine	Pyridine, 3-(1-methyl-2-pyrrolidinyl)-, (S)-		54-11-5	P075
Nicotine salts				P075
Nitric oxide	Nitrogen oxide NO		10102-43-9	P076
p-Nitroaniline	Benzenamine, 4-nitro-		100-01-6	P077
Nitrobenzene	Benzene, nitro-		98-95-1	U169
Nitrogen dioxide	Nitrogen oxide NO ₂		10102-44-0	P078
Nitrogen mustard	Ethanamine, 2-chloro-N-(2-chloroethyl)-N-methyl-		51-75-2	
Nitrogen mustard, hydrochloride salt				
Nitrogen mustard N-oxide	Ethanamine, 2-chloro-N-(2-chloroethyl)-N-methyl-, N-oxide		126-85-2	
Nitrogen mustard, N-oxide, hydrochloride salt				
Nitroglycerin	1,2,3-Propanetriol, trinitrate		55-63-0	P081
p-Nitrophenol	Phenol, 4-nitro-		100-02-7	U170
2-Nitropropane	Propane, 2-nitro-		79-46-9	U171
Nitrosamines, N O S			35578-91-10	
N-Nitroso-N-butylamine	1-Butanamine, N-butyl-N-nitroso-		924-16-3	U172
N-Nitrosodethanolamine	Ethanol, 2,2-(nitrosomino)bis-		1116-54-7	U173
N-Nitrosodimethylamine	Ethanamine, N-methyl-N-nitroso-		55-18-5	U174
N-Nitrosodimethylamine	Methanamine, N-methyl-N-nitroso-		62-75-9	P082
N-Nitroso-N-ethylurea	Urea, N-ethyl-N-nitroso-		759-73-9	U176
N-Nitrosodimethylamine	Ethanamine, N-methyl-N-nitroso-		10595-95-8	
N-Nitroso-N-methylurea	Urea, N-methyl-N-nitroso-		684-93-5	U177
N-Nitroso-N-methylurethane	Carbamic acid, methylnitroso-, ethyl ester		615-53-2	U178
N-Nitrosomethylamine	Vinylamine, N-methyl-N-nitroso-		4549-40-0	P084
N-Nitrosomorpholine	Morpholine, 4-nitroso-		59-89-2	
N-Nitrosomorpholine	Pyridine, 3-(1-nitroso-2-pyrrolidinyl)-, (S)-		16543-55-8	
N-Nitrosopropidine	Propidine, 1-nitroso-		100-75-4	U179
N-Nitrosopyrrolidine	Pyrrolidine, 1-nitroso-		930-55-2	U180
N-Nitrosopyrrolidine	Pyridine, N-methyl-N-nitroso-		13256-22-9	
5-Nitro-o-toluidine	Benzenamine, 2-methyl-5-nitro-		99-55-8	U181
Octamethylpyrophosphoramide	Diphosphoramide, octamethyl-		152-16-9	P085
Osmium tetroxide	Osmium oxide OsO ₄ (T-4)		20816-12-0	P087
Paraldehyde	1,3,5-Trioxane, 2,4,6-trimethyl-		123-63-7	U182
Parathion	Phosphorothioic acid, O,O-diethyl O-(4-nitrophenyl) ester		56-38-2	P089
Pentachlorobenzene	Benzene, pentachloro-		608-93-5	U183
Pentachlorodibenzo-p-dioxins				
Pentachlorodibenzofurans				
Pentachloroethane	Ethane, pentachloro-		76-01-7	U184
Pentachloronitrobenzene (PCNB)	Benzene, pentachloronitro-		82-68-8	U185
Pentachlorophenol	Phenol, pentachloro-		87-86-5	See FC27
Phenacetin	Acetamide, N-(4-ethoxyphenyl)-		62-44-2	U187
Phenol	Same		108-95-2	U188
Phenylenediamine	Benzenediamine		25265-76-3	
Phenylmercury acetate	Mercury, (acetato-O)phenyl-		62-38-4	P092
Phenylthiourea	Thiourea, phenyl-		103-85-5	P093
Phosgene	Carbonic dichloride		75-44-5	P095
Phosphine	Same		7803-51-2	P096
Phorate	Phosphorothioic acid, O,O-diethyl S-[(ethylthio)methyl] ester		298-02-2	P094
Phthalic acid esters, N O S				
Phthalic anhydride	1,3-Isobenzofurandione		85-44-9	U190
2-Picoline	Pyridine, 2-methyl-		109-06-8	U191
Polychlorinated biphenyls, N O S				
Potassium cyanide	Potassium cyanide K(CN)		151-50-8	P098
Potassium silver cyanide	Argentate(1-), bis(cyano-Cl)-, potassium		506-61-6	P099
Propanamide	Benamide, 3,5-dichloro-N-(1,1-dimethyl-2-propynyl)-		23950-58-5	U192
1,3-Propane sultone	1,2-Oxathiolane, 2,2-dioxide		1120-71-4	U193
n-Propylamine	1-Propanamine		107-10-8	U194
Propargyl alcohol	2-Propyn-1-ol		107-19-7	P102
Propylene dichloride	Propane, 1,2-dichloro-		78-87-5	U063
1,2-Propylenimine	Azidine, 2-methyl-		75-55-8	P067
Propylthiourea	4(1H)-Pyrimidinone, 2,3-dihydro-6-propyl-2-thio-		51-52-5	
Pyridine	Same		110-86-1	U196
Reserpine	Yohimban-16-carboxylic acid 11,17-dimethoxy-18-[(1,3,4,5-trimethoxybenzoyloxy)-methyl ester, (3beta,16beta,17alpha,18beta,20alpha)-		50-55-5	U200

RCRA REVISION CHECKLIST 46: Technical corrections; Identification and Listing of Hazardous Waste (Cont'd)

FEDERAL REQUIREMENT	RCRA CITE	STATE AUTHORITY		IF DIFFERENT FROM FEDERAL REQUIREMENT, EXPLAIN
		STATUTE	REGULATION	
Common name	Chemical abstracts name	Chemical abstracts No	Hazardous waste No.	
Resorcinol	1,3-Benzenediol	108-46-3	U201	
Saccharin	1,2-Benzisothiazol-3(2H)-one, 1,1-dioxide	81-07-2	U202	
Saccharin salts			U202	
Saltol	1,3-Benzodioxole, 5-(2-propenyl)-	94-59-7	U203	
Selenium	Same	7782-49-2		
Selenium compounds, N.O.S.				
Selenium dioxide	Selenious acid	7783-00-8	U204	
Selenium sulfide	Selenium sulfide SeS ₂	7488-56-4	U205	
Selenourea	Same	630-10-4	P103	
Silver	Same	7440-22-4		
Silver compounds, N.O.S.				
Silver cyanide	Silver cyanide Ag(CN)	506-64-9	P104	
Silvex (2,4,5-TP)	Propanoic acid, 2-(2,4,5-trichlorophenyl)-	93-72-1	See F027	
Sodium cyanide	Sodium cyanide Na(CN)	143-33-9	P106	
Streptozotocin	D-Glucose, 2-deoxy-2-[(methylnitrosoamino)carbonyl]amino-	18883-66-4	U206	
Strontium sulfide	Strontium sulfide SrS	1314-96-1	P107	
Strychnine	Strychnine	57-24-9	P108	
Strychnine salts			P108	
TCDD	Octa(2,3,7,8-tetrachloro-1,4-dioxin)	1746-01-6		
1,2,4,5-Tetrachlorobenzene	Benzene, 1,2,4,5-tetrachloro-	95-94-3	U207	
Tetrachlorodibenzo-p-dioxins				
Tetrachlorodibenzofurans				
Tetrachloroethane, N.O.S.	Ethane, tetrachloro-, N.O.S.	25322-20-7		
1,1,1,2-Tetrachloroethane	Ethane, 1,1,1,2-tetrachloro-	630-20-8	U208	
1,1,2,2-Tetrachloroethane	Ethane, 1,1,2,2-tetrachloro-	79-34-5	U209	
Tetrachloroethylene	Ethene, tetrachloro-	127-18-4	U210	
2,3,4,6-Tetrachlorophenol	Phenol, 2,3,4,6-tetrachloro-	58-90-2	See F027	
Tetraethylthiopyrophosphate	Thiophosphoric acid, tetraethyl ester	3689-24-5	P109	
Tetraethyl lead	Plumbane, tetraethyl-	78-00-2	P110	
Tetraethyl pyrophosphate	Diphosphoric acid, tetraethyl ester	107-49-3	P111	
Tetranitromethane	Methane, tetranitro-	509-14-8	P112	
Thallium	Same	7440-28-0		
Thallium compounds, N.O.S.				
Thalic oxide	Thallium oxide Tl ₂ O ₃	1314-32-5	P113	
Thallium(I) acetate	Acetic acid, thallium(1+) salt	563-68-8	U214	
Thallium(I) carbonate	Carbonic acid, thallium(1+) salt	6533-73-9	U215	
Thallium(I) chloride	Thallium chloride TlCl	7791-12-0	U216	
Thallium(I) nitrate	Nitric acid, thallium(1+) salt	10102-45-1	U217	
Thallium selenite	Selenious acid, thallium(1+) salt	12039-52-0	P114	
Thallium(I) sulfate	Sulfuric acid, thallium(1+) salt	7446-18-6	P115	
Thioacetamide	Ethanethioamide	62-55-5	U218	
Thioanisole	2-Butanone, 3,3-dimethyl-1-(methylthio)-, O-[(methylamino)carbonyl] oxime	39196-18-4	P045	
Thiomethanol	Methanethiol	74-93-1	U153	
Thiophenol	Benzenethiol	108-98-5	P014	
Thiosemicarbazide	Hydrazinecarbothioamide	79-19-6	P116	
Thiourea	Same	62-56-6	U219	
Thiram	Thioerydicarbonic diamide ((H ₂ N)C(S)) ₂ S ₂ tetramethyl-	137-26-8	U244	
Toluene	Benzene, methyl-	108-88-3	U220	
Toluenediamine	Benzenediamine, ar-methyl-	25376-45-8	U221	
Toluene-2,4-diamine	1,3-Benzenediamine, 4-methyl-	95-80-7		
Toluene-2,6-diamine	1,3-Benzenediamine, 2-methyl-	823-40-5		
Toluene-3,4-diamine	1,2-Benzenediamine, 4-methyl-	496-72-0		
Toluene diisocyanate	Benzene, 1,3-diisocyanatomethyl-	26471-62-5	U223	
o-Toluidine	Benzenamine, 2-methyl-	95-53-4	U228	
o-Toluidine hydrochloride	Benzenamine, 2-methyl-, hydrochloride	636-21-5	U222	
p-Toluidine	Benzenamine, 4-methyl-	106-49-0	U253	
Toxaphene	Same	8001-35-2	P123	
1,2,4-Trichlorobenzene	Benzene, 1,2,4-trichloro-	120-82-1		
1,1,2-Trichloroethane	Ethane, 1,1,2-trichloro-	79-00-5	U227	
Trichloroethylene	Ethene, trichloro-	79-01-6	U228	
Trichloromethanethiol	Methanethiol, trichloro-	75-70-7	P118	
Trichloromondifluoromethane	Methane, trichlorodifluoro-	75-69-4	U121	
2,4,5-Trichloro- <i>ortho</i>	Phenol, 2,4,5-trichloro-	95-95-4	See F027	
2,4,6-Trichlorophenol	Phenol, 2,4,6-trichloro-	88-06-2	See F027	
2,4,5-T	Acetic acid, (2,4,5-trichlorophenyl)-	93-76-5	See F027	
Trichloropropane, N.O.S.		25735-29-9		
1,2,3-Trichloropropane	Propane, 1,2,3-trichloro-	96-18-4		
O,O,O-Triethyl phosphorothioate	Phosphorothioic acid, O,O,O-triethyl ester	126-68-1		
1,3,5-Trinitrobenzene	Benzene, 1,3,5-trinitro-	99-35-4	U234	
Tris(1-aziridinyl)phosphine sulfide	Azidine, 1,1,1'-phosphinodithiaryldynets-	52-24-4		
Tris(2,3-dibromopropyl) phosphite	1-Propanol, 2,3-dibromo-, phosphite (3:1)	126-72-7	U235	
Trypan blue	2,7-Naphthalenedisulfonic acid, 3,3'-bis[3,3'-dimethyl(1,1'-biphenyl)-4,4'-diylbis(azo)]-	72-57-1	U236	
Urethyl mustard	2,4-(1H,3H)-Pyrimidinedione, 5-[(bis(2-chloroethyl)amino)-	66-75-1	U237	
Vanadium pentoxide	Vanadium oxide V ₂ O ₅	1314-62-1	P120	
Vinyl chloride	Ethene, chloro-	75-01-4	U043	
Warta n	2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-, when present at concentrations less than 0.3%	81-81-2	U248	

RCRA REVISION CHECKLIST 46: Technical Guidance for Identification
and Listing of Hazardous Waste (5/1/87)

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

Common name	Chemical abstracts name	Chemical abstracts No.	Hazardous waste No.
Warfarin	2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-, when present at concentrations greater than 0.3%	81-81-2	P001
Warfarin salts, when present at concentrations less than 0.3%.			U248
Warfarin salts, when present at concentrations greater than 0.3%.			P001
Zinc cyanide	Zinc cyanide Zn(CN) ₂	557-21-1	P121
Zinc phosphide	Zinc phosphide Zn ₃ P ₂ , when present at concentrations greater than 10%	1314-84-7	P122
Zinc phosphide	Zinc phosphide Zn ₃ P ₂ , when present at concentrations of 10% or less	1314-84-7	U249

* The abbreviation N.O.S. (not otherwise specified) signifies those members of the general class not specifically listed by name in this appendix.

ATTACHMENT B

Updated Portions of SCRAM

Table A-1 lists the Revision Checklists. They are generally listed in chronological order, except that they are grouped into the following categories:

- Non-HSWA requirements prior to Cluster I (January 26, 1983 - June 30, 1984)
- Non-HSWA Cluster I (July 1, 1984 - June 30, 1985)
- Non-HSWA Cluster II (July 1, 1985 - June 30, 1986)
- Non-HSWA Cluster III (July 1, 1986 - June 30, 1987)
- Non-HSWA Cluster IV (July 1, 1987 - June 30, 1988)
- HSWA Cluster I (November 8, 1984 - June 30, 1987)
- HSWA Cluster II (July 1, 1987 - June 30, 1990)

The checklists in this Table that are noted with a "+" contain only optional requirements. As additional changes to the Federal program occur, corresponding checklists will be added to this Appendix.

Table A-1

Recent Federal Requirements

<u>Revision Checklist #</u>	<u>Federal Requirement</u>	<u>HSWA or FR Reference</u>	<u>Promulga- tion or HSWA Date</u>
<u>Non-HSWA Requirements</u>			
1	Biennial Report [See Revision Check- list #30]	48 FR 3977	1/28/83
2	Permit Rules - Settlement Agreement	48 FR 39622	9/1/83
3	Interim Status Standards - Applica- bility [See Revision Checklist #10]	48 FR 52718	11/22/83
4	Chlorinated Aliphatic Hydrocarbon Listing	49 FR 5313	2/10/84
5	National Uniform Manifest [See Revision Checklists #17D & #32]	49 FR 10490	3/20/84
6	Permit Rules - Settlement Agreement	49 FR 17716	4/24/84
+7	Listing Warfarin & Zinc Phosphide	49 FR 19922	5/10/84
+8	Lime Stabilized Pickle Liquor Sludge	49 FR 23284	6/5/84
<u>Non-HSWA Cluster I (July 1, 1984 - June 30, 1985)</u>			
	State Availability of Information [See Appendix D]	HSWA §3006(f)	11/8/84
+9	Exclusion of Household Waste	49 FR 44980	11/13/84
10	Interim Status Standards - Applica- bility	49 FR 46095	11/21/84
11	Corrections to Test Methods Manual	49 FR 47391	12/4/84
+12	Satellite Accumulation	49 FR 49571	12/20/84
13	Redefinition of Solid Waste	50 FR 614	1/4/85
15	Interim Status Standards for Landfills	50 FR 16044	4/23/85

Continued . . .

Table A-1 (Cont'd)

Recent Federal Requirements

<u>Revision Checklist #</u>	<u>Federal Requirement</u>	<u>HSWA or FR Reference</u>	<u>Promulga- tion or HSWA Date</u>
<u>Non-HSWA Cluster II (July 1, 1985 - June 30, 1986)</u>			
24	Closure, Post-Closure and Financial Responsibility Requirements	51 FR 16422	5/2/86
+26	Listing of Spent Pickle Liquor	51 FR 19320	5/28/86
<u>Non-HSWA Cluster III (July 1, 1986 - June 30, 1987)</u>			
	Radioactive Mixed Waste (See SPA #2)	51 FR 24504	7/3/86
+27	Liability Coverage - Corporate Guarantee (See Revision Checklist #43)	51 FR 25350	7/11/86
28	Hazardous Waste Tank Systems	51 FR 25422	7/14/86
29	Correction to Listing of Commercial Chemical Products and Appendix VIII Constituents (Superceded by 53 FR 13382, see Revision Checklist 46)	51 FR 28296	8/6/86
	[Hazardous Waste Tank Systems; Cor- rection, See Revision Checklist #28]	51 FR 29430	8/15/86
	+ [Listing of Spent Pickle Liquor; Correction, See Revision Checklist #26]	51 FR 33612	9/22/86
35	Revised Manual SW-846; Amended Incorpora- tion by Reference	52 FR 8072	3/16/87
36	Closure/Post-closure Care for Interim Status Surface Impoundments	52 FR 8704	3/19/87
37	Definition of Solid Waste; Technical Corrections	52 FR 21306	6/5/87
38	Amendments to Part B - Information Re- quirements for Land Disposal Facilities	52 FR 23447	6/22/87
<u>Non-HSWA Cluster IV (July 1, 1987 - June 30, 1988)</u>			
40	List (Phase I) of Hazardous Constituents for Ground-Water Monitoring	52 FR 25942	7/9/87

Continued . . .

Table A-1 (Cont'd)
Recent Federal Requirements

<u>Revision Checklist #</u>	<u>Federal Requirement</u>	<u>HSWA or FR Reference</u>	<u>Promulga- tion or HSWA Date</u>
<u>Non-HSWA Cluster IV (Cont'd)</u>			
41	Identification and Listing of Hazardous Waste	52 FR 26012	7/10/87
	[Listing of Spent Pickle Liquor; Clarification, See Revision Checklist #26]	52 FR 28697	8/3/87
	[Development of Corrective Action Programs After Permitting Hazardous Waste Land Disposal Facilities; Corrections, See Revision Checklist #38]	52 FR 33936	9/9/87
+43	Liability Requirements for Hazardous Waste Facilities; Corporate Guarantee (See Revision Checklist #27)*	52 FR 44314	11/18/87
45	Hazardous Waste Miscellaneous Units	52 FR 46946	12/10/87
46	Technical Correction; Identification and Listing of Hazardous Waste (Supercedes Revision Checklist 29)	53 FR 13382	4/22/87
<u>HSWA CLUSTER I (November 8, 1984 - June 30, 1987)</u>			
	HSWA Date of Enactment Provisions [See Revision Checklist #17]	Numerous	11/8/84
	Direct Action Against Insurers	HSWA §3014	11/8/84
14	Dioxin Listing and Management Standards	50 FR 1978	1/14/85
	Fuel Labeling [See #17K]	HSWA §3004 (r)(1)	2/7/85
16	Paint Filter Test [See Revision Checklist #25]	50 FR 18370	4/30/85
	Prohibition of Liquids in Landfills [See #17F]	HSWA §3004(c)	5/8/85

Continued . . .

Table A-1 (Cont'd)
Recent Federal Requirements

<u>Revision Checklist #</u>	<u>Federal Requirement</u>	<u>HSWA or FR Reference</u>	<u>Promulga- tion or HSWA Date</u>
	<u>HSWA Cluster I (Cont'd)</u>		
	Expansions During Interim Status - Waste Piles [See #17P]	HSWA §3015(a)	5/8/85
	Expansions During Interim Status - Landfills and Surface Impoundments [See #17P]	HSWA §3015(b)	5/8/85
17	HSWA Codification Rule [See Revision Checklist #44]	50 FR 28702	7/15/85
	17A - Small Quantity Generators [Superceded 51 FR 10174, see Revision Checklist #23]		
	17B - Delisting		
	17C - Household Waste		
	17D - Waste Minimization [See Revision Checklist #32]		
	17E - Location Standards for Salt Domes, Salt Beds, Underground Mines and Caves		
	17F - Liquids in Landfills [See Revision Checklist #25]		
	17G - Dust Suppression		
	17H - Double Liners		
	17I - Ground-Water Monitoring		
	17J - Cement Kilns		
	17K - Fuel Labeling		
	17L - Corrective Action		
	17M - Pre-construction Ban		
	17N - Permit Life		
	17O - Omnibus Provision		
	17P - Interim Status		
	17Q - Research and Development Permits		
	17R - Hazardous Waste Exports [Super- ceded by 51 FR 28644, See Revision Checklist #31]		
	17S - Exposure Information		
18	Listing of TDI, TDA, DNT	50 FR 42936	10/23/85
19	Burning of Waste Fuel and Used Oil Fuel in Boilers and Industrial Furnaces	50 FR 49164	11/29/85

Continued . . .

Table A-1 (Cont'd)

Recent Federal Requirements

Revision Checklist #	Federal Requirement	HSWA or FR Reference	Promulga- tion or HSWA Date
<u>HSWA Cluster I (Cont'd)</u>			
20	Spent Solvents Listing	50 FR 53315	12/31/85
21	EDB Waste Listing	51 FR 5330	2/13/86
22	Four Spent Solvents Listing	51 FR 6541	2/25/86
23	Small Quantity Generators [See Revision Checklist #42]	51 FR 10174	3/24/86
25	Paint Filter Test; Correction	51 FR 19176	5/28/86
28	Hazardous Waste Tank Systems [See Non- HSWA Cluster III]	51 FR 25422	7/14/86
30	Biennial Reports; Correction	51 FR 28556	8/8/86
31	Exports of Hazardous Waste	51 FR 28664	8/8/86
32	Standards for Generators - Waste Minimization Certifications	51 FR 35190	10/1/86
33	Listing of EBDC	51 FR 37725	10/24/86
34	Land Disposal Restrictions [Certain sections superceded by FR 25760, see Revision Checklist #39 and SPA #4]	51 FR 40572	11/7/86
	[Burning of Waste Fuel and Used Oil Fuel in Boilers and Industrial Furnaces; Technical Corrections, see Revision Checklist #19]	52 FR 11819	4/13/87
	[Land Disposal Restrictions; Correc- tions, see Revision Checklist #34]	52 FR 21010	6/4/87
<u>HSWA Cluster II (July 1, 1987 - June 30, 1990)</u>			
39	California List Waste Restrictions [See Revision Checklist #34 and SPA #4]	52 FR 25760	7/8/87

Continued...

Table A-1 (Cont'd)

Recent Federal Requirements

<u>Revision Checklist #</u>	<u>Federal Requirement</u>	<u>HSWA or FR Reference</u>	<u>Promulga- tion or HSWA Date</u>
	<u>HSWA Cluster II (Cont'd)</u>		
42	Exception Reporting for Small Quantity Generators of Hazardous Waste [See Checklist #23]	52 FR 35894	9/23/87
	[California List Waste Restrictions; Technical Corrections, See Revision Checklist #39]	52 FR 41295	10/27/87
44	HSWA Codification Rule 2 [See Revision Checklist #17]	52 FR 45788	12/1/87
	44A - Permit Application Require- ments Regarding Corrective Action		
	44B - Corrective Action Beyond Facility Boundary		
	44C - Corrective Action for Inject- tion Wells		
	44D - Permit Modification		
	44E - Permit as a Shield Provision		
	44F - Permit Conditions to Protect Human Health and the Environ- ment		
	44G - Post-Closure Permits		

+ Optional.

* While Revision Checklists 27 and 43 are optional, states which have adopted or choose to adopt the changes addressed by Revision Checklist 27, must adopt Revision Checklist 43's changes.

MODEL ATTORNEY GENERAL'S STATEMENT FOR FINAL AUTHORIZATION
FOR CHANGES TO THE FEDERAL RCRA PROGRAM FROM
JANUARY, 1983 THROUGH JUNE, 1988

I hereby certify, pursuant to my authority as _____ and in accordance with Section 3006(b) of the Resource Conservation and Recovery Act, as amended by the Hazardous and Solid Waste Amendments of 1984 (42 USC 6901 et seq.), and 40 CFR 271 that in my opinion the laws of the State [Commonwealth] of _____ provide adequate authority to carry out the revised program set forth in the revised "Program Description" submitted by the [State Agency]. The specific authorities provided are contained in statutes or regulations lawfully adopted at the time this Statement is signed and which are in effect now [shall be fully effective by _____], as specified below.

I. IDENTIFICATION AND LISTING

A. State statutes and regulations contain lists of hazardous waste which encompass all wastes controlled under the following Federal regulations as indicated in the designated Revision Checklists:

- (1) Chlorinated aliphatic hydrocarbons, 40 CFR 261.31, as amended February 10, 1984 [49 FR 5308-15], Revision Checklist 4.
- (2) [OPTIONAL: This is a reduced requirement.] Warfarin and zinc phosphide listing, 40 CFR 261.33(e) and (f), as amended May 10, 1984 [49 FR 19923], Revision Checklist 7.
- (3) TDI, DNT and TDA wastes, 40 CFR 261.32 and 261.33(f), as amended October 23, 1985 [50 FR 42936-43], Revision Checklist 18.
- (4) Spent solvents, 40 CFR 261.31, as amended December 31, 1985 [50 FR 53319-20] and January 21, 1986 [51 FR 2702], Revision Checklist 20.
- (5) EDB wastes, 40 CFR 261.32, as amended February 13, 1986 [51, FR 5330], Revision Checklist 21.
- (6) Four spent solvents, 40 CFR 261.31 and 261.33(f), as amended February 25, 1986 [51 FR 6541], Revision Checklist 22.
- (7) [OPTIONAL: This is a reduced requirement.] Listing of spent pickle liquor from steel finishing operations, 40 CFR 261.32, as amended May 28, 1986 [51 FR 19320] and September 22, 1986 [51 FR 33612], Revision Checklist 26.

* The phrase "OPTIONAL: This is a reduced requirement" is used to indicate provisions that either are less stringent or reduce the scope of the program. Any State which adopts an "optional" requirement must ensure that it is as least as stringent as the Federal requirement.

- (8) Listing of commercial and industrial products and Appendix VIII constituents, 40 CFR 261.11 and Appendix VIII, as amended August 6, 1986 [51 FR 28296], Revision Checklist 29; as amended July 10, 1987 [52 FR 26012], Revision Checklist 41; and as amended April 22, 1988 [53 FR 13382], Revision Checklist 46.
- (9) EBDC wastes, 40 CFR 261.32, as amended on October 24, 1986 [51 FR 37725], Revision Checklist 33.

[Federal Authority: RCRA §3001(b).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

B. State statutes and regulations define hazardous waste so as to control the generation, transportation, treatment, storage and disposal of hazardous waste produced by small quantity generators of between 100 and 1000 kilograms/month as indicated in Revision Checklist 23. State statutes and regulations also require small quantity generators to certify good faith efforts to minimize waste generation and to select the best available and affordable treatment, storage or disposal alternatives, 40 CFR 262 as amended October 1, 1986 [51 FR 35190], Revision Checklist 32 (see Item IX below).

[Federal Authority: RCRA §3001(d); 40 CFR Parts 260-263 and 270 as amended March 24, 1986 (51 FR 10174) and October 1, 1986 (51 FR 35190).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

C. [This is an optional requirement only if States do not have a delisting mechanism.] State statutes and regulations provide authority to delist hazardous waste as indicated in Revision Checklist 17B.

- (1) State statutes and regulations require that before deciding to delist a waste, the State must consider whether any listing factor (including additional constituents) other than those for which the waste was listed would cause the waste to be hazardous.

[Federal Authority: RCRA §3001(f)(1); 40 CFR 260.22.]

- (2) State statutes and regulations require that there be no new temporary delistings without prior notice and comment. All temporary delistings received before November 18, 1984 without the opportunity for public comment and full consideration of such comment, shall lapse if not made final by November 8, 1986.

[Federal Authority: RCRA §3001(f)(2); 40 CFR 260.20(d).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

D. [OPTIONAL: This is a reduced requirement.] State statutes and regulations define hazardous waste so as to exclude waste pickle liquor sludge

time stabilization, but only to the extent that such waste is
regulated by 40 CFR 261.3(c)(2), as amended June 5, 1984 [49 FR 23287], as
indicated in Revision Checklist 8.

[Federal Authority: RCRA §3001; 40 CFR 261.3(c).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the
Attorney General

E. [OPTIONAL: This is a reduced requirement.] State statutes and
regulations define hazardous waste so as to not exclude household waste other
than those household wastes excluded in 40 CFR 261.4(b)(1), as amended November
13, 1984 [49 FR 44980], and as indicated in Revision Checklist 9.

[Federal Authority: RCRA §3001; 40 CFR 261.4(b)(c).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the
Attorney General

F. State statutes and regulations incorporate the most recent edition and
updates to "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods"
(SW-846) as indicated in Revision Checklists 11 and 35.

[Federal Authority: RCRA §§2002, 3001 and 40 CFR 260.11, 260.21 and 270.6(a)
as amended December 4, 1984 (49 FR 47391) and March 16, 1987 (52 FR 8072).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the
Attorney General

G. State statutes and regulations define solid wastes to include the
hazardous components of radioactive mixed wastes, July 3, 1986 [51 FR 24504].
See State Program Advisory (SPA) #2.

[Federal Authority: RCRA §§1006 and 3001(b).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the
Attorney General

II. DEFINITION OF SOLID WASTE

A. State statutes and regulations define hazardous waste and impose
management standards so as to control all the hazardous waste controlled under
40 CFR Parts 261, 264, 265 and 266 as amended January 4, 1985 [50 FR 614-669],
April 11, 1985 [50 FR 14216-20], August 20, 1985 [50 FR 33541-43] and June 5,
1987 (52 FR 21306) as indicated in Revision Checklists 13 and 37.

[Federal Authority: RCRA §§3001, 3004]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the
Attorney General

III. MANAGEMENT OF DIOXIN WASTES

A. State statutes and regulations contain the following requirements regarding dioxin wastes as indicated in Revision Checklist 14:

- (1) Dioxin wastes are listed and otherwise identified as hazardous wastes so as to encompass all such wastes controlled under 40 CFR 261.5(e), 261.7(b), 261.30(d), 261.31, and 261.33(f).
- (2) Special management and permitting standards for facilities managing dioxin wastes and prohibitions applicable to interim status facilities, as provided in 40 CFR Parts 264, 265, and 270.

[Federal Authority: §§3001, 3004; 40 CFR Parts 261, 264, 265 and 270 as amended January 14, 1985 (50 FR 1978-2006).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

IV. SATELLITE ACCUMULATION

[OPTIONAL: This is a reduced requirement.] State statutes and regulations allow generators to accumulate at the site of generation, without a permit or interim status, as much as 55 gallons of hazardous waste or one quart of acutely hazardous waste provided that the generator complies with the requirements specified in §262.34(c) as indicated in Revision Checklist 12.

[Federal Authority: RCRA §§2002, 3002, 3004, 3005 and 40 CFR 262.34(c) as amended December 20, 1984 (49 FR 49571).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

V. APPLICABILITY OF INTERIM STATUS STANDARDS

A. State statutes and regulations contain the following requirements regarding interim-status standards as indicated in Revision Checklists 3 and 10:

- (1) Interim status standards apply to facilities identified in 40 CFR 265.1(b).

[Federal Authority: RCRA §3004; 40 CFR Part 265 as amended November 22, 1983 (48 FR 52718) and November 21, 1984 (49 FR 46095).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

VI. PAINT FILTER TEST

State statutes and regulations require the use of a paint filter test to determine the absence or presence of free liquids in either a containerized or bulk waste as indicated in Revision Checklists 16, 17F and 25.

[Federal Authority: RCRA §§3004, 3005; 40 CFR Parts 260, 264, 265, and 270 as amended April 30, 1985 (50 FR 18370), July 15, 1985 (50 FR 28702) and May 28, 1986 (51 FR 19176).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

VII. NATIONAL UNIFORM MANIFEST SYSTEM AND RECORDKEEPING

A. State statutes and regulations require generators to use the national uniform manifest as indicated in Revision Checklists 5 and 32.

[Federal Authority: RCRA §§2002, 3002, 3003 and 40 CFR Parts 260 and 262 as amended March 20, 1984 (49 FR 10490) and October 1, 1986 (51 FR 35190).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

B. State statutes and regulations require that generators, of between 100 and 1000 kg/mo of hazardous waste, file an exception report in those instances where the generator does not receive confirmation of delivery of his hazardous waste to the designated facility as indicated in Revision Checklist 42.

[Federal Authority: RCRA §§3001(d) and 3002(a)(5); 40 CFR Parts 262.42 and 262.44 as amended September 23, 1987 (52 FR 35894).]

Citations of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

C. State statutes and regulations require that the following be recorded, as it becomes available, and maintained in the operating record, until facility closure, as indicated in Revision Checklist 45: monitoring, testing or analytical data, corrective action where required by Subpart F and §§264.226, 264.253, 264.254, 264.276, 264.278, 264.280, 264.303, 264.309, 264.347, and 264.602.

[Federal Authority: RCRA §§3004 and 3005; 40 CFR 264.73(b) as amended December 10, 1987 (52 FR 46946).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

A. State statutes and regulations contain the following reporting requirements as indicated in Revision Checklists 1 and 30.

- (1) The biennial report contains the information indicated in 40 CFR 262.41(a).
- (2) Facilities must submit groundwater monitoring data annually to the State Director as indicated in 40 CFR 265.94.

[Federal Authority: RCRA §§3002, 3004; 40 CFR Parts 262 and 265 as amended January 28, 1983 (48 FR 3981-83) and August 8, 1986 (51 FR 28566).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

IX. WASTE MINIMIZATION

State statutes and regulations contain the following requirements regarding waste minimization as indicated in Revision Checklists 17D, 30 and 32 (see Item I.B. above).

- (1) Generators must submit report and manifest certifications regarding efforts taken to minimize the amounts and toxicity of wastes.

[Federal Authority: RCRA §3002(a)(6), (b); 40 CFR 262.41, 264.75 and 265.75 as amended July 15, 1985 (50 FR 28702), August 8, 1986 (51 FR 28556) and October 1, 1986 (51 FR 35190).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

- (2) RCRA permits for the treatment, storage, or disposal of hazardous waste on the premises where the waste was generated must contain a certification by the permittee regarding efforts taken to minimize the amount and toxicity of the generated wastes.

[Federal Authority: §3005(h); 40 CFR Parts 264.70, 264.73 and 270.30(j)(2) as amended July 15, 1985 (50 FR 28702).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

X. LIQUIDS IN LANDFILLS

A. State statutes and regulations contain the following requirements regarding liquids in landfills as indicated in Revision Checklists 17F and 25.

- (1) Effective May 8, 1985, there is a ban on the placement of bulk or non-containerized liquid hazardous waste or hazardous waste containing free liquids in any landfill pursuant to 40 CFR 264.314 and 265.314 as amended July 15, 1985 and May 28, 1986.
- (2) Effective November 8, 1985, there is a ban on the placement of non-hazardous liquids in landfills unless the owner or operator satisfies the criteria set forth in 40 CFR 264.314(e), 265.314(e), as amended July 15, 1985 and May 28, 1986.
- (3) For bulk or non-containerized liquid wastes or wastes containing free liquids they may be placed in a landfill prior to May 8, 1985, only if the requirements of 40 CFR 264.314(a) and 265.314(a) are met.

[Federal Authority: §3004(c); 40 CFR 264.314, 265.314 and 270.21(h) as amended July 15, 1985 (50 FR 28702) and May 28, 1986 (51 FR 19176).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

XI. GROUND-WATER MONITORING

A. State statutes and regulations provide that the §3004 groundwater monitoring requirements applicable to surface impoundments, waste piles, land treatment units and landfills shall apply whether or not such units are located above the seasonal high water table, have two liners and a leachate collection system or have liners that are periodically inspected, as indicated in Revision Checklist 17I.

[Federal Authority: RCRA §3004(p); 40 CFR 264.222, .252, .253, and .302 as amended July 15, 1985 (50 FR 28702).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

B. [OPTIONAL: This is a reduced requirement.] State statutes and regulations may allow variances from the ground-water monitoring requirements as provided in §3004(p). However, those variances must be restricted as provided in RCRA §3004(p).

[Federal Authority: RCRA §3004(p); 40 CFR 264.90(b).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

XII. BURNING AND BLENDING OF HAZARDOUS WASTES

A. State statutes and regulations provide the following requirements:

- (1) The burning of fuel containing hazardous waste in a cement kiln is prohibited as specified in 40 CFR 266.111. Revision Checklist 17J.

[Federal Authority: RCRA §3004(q); 40 CFR 266.31 as amended July 15, 1985 (50 FR 28702).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

- (2) Fuels containing hazardous waste and all persons who produce, distribute and market fuel containing hazardous wastes must be regulated as indicated in Revision Checklists 17J and 17K.

[Federal Authority: RCRA §§3004(q)-(s); 40 CFR 261.33; 266.34 as amended July 15, 1985 (50 FR 28702).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

B. [OPTIONAL: This is a reduced requirement.] State statutes and regulations provide exceptions to these requirements as specified in §§3004(q)-(s).

[Federal Authority: RCRA §§3004(q)-(s).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

C. State statutes and regulations provide that with regard to ground-water monitoring, all land based hazardous waste treatment, storage, and disposal facilities analyze for a specified core list (Part 264, Appendix IX) of chemicals plus those chemicals specified by the Regional Administrator on a site-specific basis as indicated in Revision Checklist 40.

[Federal Authority: RCRA §§1006, 2002(a), 3001, 3004, and 3005; 40 CFR Parts 264.98, 264.99, Appendix IX of 264, and 270.14 as amended July 9, 1987 (52 FR 25942).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

XIII. CORRECTIVE ACTION

A. State statutes and regulations contain the following corrective action requirements as indicated in Revision Checklist 17L:

- (1) Corrective action is required for releases of hazardous waste or constituents from any solid waste management unit at a facility seeking a permit, regardless of when the waste was placed in the unit, in all permits issued after November 8, 1984.

[Federal Authority: RCRA §3004(u); 40 CFR 264.90; .101; 270.60.]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

action is required beyond a facility's boundary, in accordance with RCRA §3004(v). (States now may impose these requirements through a permit or a corrective action order. Once EPA promulgates the regulations required by RCRA §3004(v), States will need authority to impose corrective action in a permit following the §3004(v) regulations.)

[Federal Authority: RCRA §3004(v)(1).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

- (3) Corrective action is required beyond a facility's boundary in accordance with §3004(v) for all landfills, surface impoundments and waste pile units (including any new units, replacements of existing units or lateral expansions of existing units) which receive hazardous waste after July 26, 1982.

[Federal Authority: RCRA §3004(v)(2).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

- (4) There is evidence of financial responsibility for corrective action on- and off-site.

[Federal Authority: RCRA §§3004(a)(6); (u); 40 CFR 264.90; .101.]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

B. Additional information and engineering feasibility plan requirements regarding groundwater contamination detected at the time of Part B permit application as indicated in Checklist 38 (52 FR 23447, June 22, 1987 and 52 FR 33936, September 9, 1987).

[Federal Authority: Secs 1006, 2002, 3005, 3007 and 7004 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act, as amended (42 U.S.C. 6905, 6912, 6925, 6927, 6974), unless otherwise noted.]

C. State statutes and regulations require owners and operators of facilities seeking permits to provide descriptive information on the solid waste management units themselves and all available information pertaining to any releases from the units as indicated in Revision Checklist 44A.

[Federal Authority: RCRA §3004(u); 40 CFR 270.14 as amended December 1, 1987 (52 FR 45788).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

D. State statutes and regulations require that owners and operators of hazardous waste treatment, storage and disposal facilities (including permit-by-rule facilities subject to 264.101) to institute corrective action beyond the facility boundary to protect human health and the environment, unless the owner/operator is denied access to adjacent lands despite the owner/operator's best efforts, as indicated in Revision Checklist 44B.

[Federal Authority: RCRA §3004(v); 40 CFR 264.100(e) and 264.101(c), as amended December 1, 1987 (52 FR 45788).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

E. State statutes and regulations contain the following corrective action requirements for injection wells as indicated in Revision Checklist 44C.

- (1) Hazardous waste injection wells now operating under RCRA interim status may retain interim status after issuance of a UIC permit. Until a RCRA permit or a RCRA "rider" to a UIC permit, which addresses Section 3004(u) corrective action, is issued, the well must comply with applicable interim status requirements imposed by §265.430, Parts 144.146 and 147, and any UIC permit requirements.

[Federal Authority: RCRA §3004(u); 40 CFR 144.1(h) as amended December 1, 1987 (52 FR 45788).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

- (2) As part of the UIC permit process, available information regarding operating history and condition of the injection well must be submitted as well as any available information on known releases from the well or injection zone.

[Federal Authority: RCRA §3004(u); 40 CFR 141.3(g) as amended December 1, 1987 (52 FR 45788).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

- (3) UIC facility owners/operators must submit certain information related to corrective action with their UIC applications.

[Federal Authority: RCRA §3004(u); 40 CFR 270.60(b)(3) as amended December 1, 1987 (52 FR 45788).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

F. State statutes and regulations require that miscellaneous unit comply with regulations (Subpart F) regarding releases from solid waste management

units when necessary to comply with §§264.501 through 264.504 as indicated in Revision Checklist 45.

[Federal Authority: RCRA 3004(u); 40 CFR 264.90(d) as amended December 10, 1987 (52 FR 46946).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

XIV. HAZARDOUS WASTE EXPORTS

State statutes and regulations require generators and transporters of hazardous waste destined for export outside the United States to comply with standards equivalent to those as indicated in Revision Checklist 17R and Revision Checklist 31.

[Federal Authority: RCRA §3017; 40 CFR 262.50 as amended July 15, 1985 (50 FR 28702) and August 8, 1986 (51 FR 28664).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

XV. STANDARDS FOR FACILITIES

A. State statutes and regulations prohibit the land disposal of hazardous waste prohibited under 40 CFR Parts 264 and 265 as indicated in Revision Checklist 17E. Land disposal includes, but is not limited to, placement in landfills, surface impoundments, waste piles, deep injection wells, land treatment facilities, salt dome and bed formations and underground mines or caves. Deep injection well means a well used for the underground injection of hazardous wastes other than a well to which §7010(a) of RCRA applies.

[Federal Authority: RCRA §§3004(b)-(q); 40 CFR 264.18, 265.18 as amended July 15, 1985 (50 FR 28702).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

B. Effective on November 8, 1984 State statutes and regulations prohibit the placement of any non-containerized or bulk liquid hazardous waste in any salt dome or salt bed formation any underground mine or cave except as provided in §264.18(c) and §265.18(c) as indicated in Revision Checklist 17E. Furthermore, State statutes and regulations prohibit the placement of any other hazardous waste in such formations until a permit is issued.

[Federal Authority: RCRA §3004(b); 40 CFR 264.18 and 265.18 as amended July 15, 1985 (50 FR 28702); 40 CFR 264.600 et seq., December 10, 1987 (52 FR 46946).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

C. State statutes and regulations prohibit the use of waste oil or other materials contaminated with hazardous wastes (except ignitable wastes) as a dust suppressant as indicated in Revision Checklist 17G.

[Federal Authority: RCRA §3004(1); 40 CFR 266.23 as amended July 15, 1985 (50 FR 28702).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

D. State statutes and regulations allow direct action by third parties against the insurer or guarantor of an owner/operator's financial responsibilities if an owner/operator is in bankruptcy reorganization or arrangement or where (with reasonable diligence) jurisdiction in any State or Federal Court cannot be obtained over an owner/operator likely to be solvent at time of judgment.

[Federal Authority: RCRA §3004(t).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

E. State statutes and regulations require the permittee to take steps to minimize releases to the environment in accordance with 40 CFR Part 270.30(d) as amended September 1, 1983, as indicated in Revision Checklist 2.

[Federal Authority: RCRA §3005(c); 40 CFR 270 as amended September 1, 1983 (48 FR 39622).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

F. State statutes and regulations require that closure and post-closure requirements and special requirements for containers apply to interim status landfills as indicated in Revision Checklist 15.

[Federal Authority: RCRA §3004; 40 CFR 265.310, .315 as amended April 23, 1985 (50 FR 16044).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

G. State statutes and regulations require compliance with closure/post-closure and financial responsibility requirements applicable to owners and operators of hazardous waste treatment, storage and disposal facilities, as indicated in Revision Checklists 24, 36, and 45.

[Federal Authority: RCRA §§3004 and 3005, 40 CFR 260, 264, 265, and 270 as amended May 2, 1986 (51 FR 16422), March 19, 1987 (52 FR 8704) and December 10, 1987 (52 FR 46946).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

H. [OPTIONAL: This is a reduced requirement.] State statutes and regulations allow qualified companies that treat, store or dispose of hazardous waste to use a corporate guarantee to satisfy liability assurance requirements as indicated in Revision Checklist 27 and Revision Checklist 43.

[Federal Authority: RCRA §§2002, 3004, and 3005, 40 CFR 264.147, 264.151, and 265.147 as amended July 11, 1986 (51 FR 25350) and November 18, 1987 (52 FR 44314).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

I. State statutes and regulations require companies that generate, treat or store hazardous waste in containers to comply with tank standards equivalent to those indicated in Revision Checklist 28.

[Federal Authority: RCRA §§1006, 2002, 3001 - 3007, 3010, 3014, 3017 - 3019 and 7004; 40 CFR 260, 261, 262, 264, 265, and 270 as amended July 14, 1986 (51 FR 25422) and August 15, 1986 (51 FR 29430).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

J. State statutes and regulations require environmental performance standards; monitoring, testing, analytical data, inspection, response and reporting procedure; and post-closure care for miscellaneous units as indicated in Revision Checklist 45.

[Federal Authority: RCRA §§3004 and 3005; 40 CFR 264.600, 264.601, 264.602, and 264.603 as amended December 10, 1987 (52 FR 46946).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

XVI. REQUIREMENTS FOR PERMITS

A. [OPTIONAL: This is a reduced requirement.] State statutes and regulations allow a facility (1) to construct an approved TSCA facility for burning PCBs without first obtaining a RCRA permit and (2) to subsequently apply for a RCRA permit in accordance with Revision Checklist 17M.

[Federal Authority: RCRA §3005(a); 40 CFR 270.10(f)(3) as amended July 15, 1985 (50 FR 28702).]

B. State statutes and regulations require review of land disposal permits every five years and modification of such permits as necessary to assure compliance with the requirements in Parts 264, 266, and 270, as indicated in Revision Checklist 17N.

[Federal Authority: RCRA §3005(c)(3); 40 CFR 270.41(a)(6), 270.50(d) as amended July 15, 1985 (50 FR 28702).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

C. State statutes and regulations require permit conditions necessary to protect human health and the environment in addition to any conditions required by regulations as indicated in Revision Checklist 170.

[Federal Authority: RCRA §3005(c)(3); 40 CFR 270.32 as amended July 15, 1985 (50 FR 28702).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

D. State statutes and regulations require that:

- (1) For land disposal facilities granted interim status prior to 11/8/84, interim status terminates 11/8/85; unless a Part B application and certification of compliance with applicable groundwater monitoring and financial responsibility requirements are submitted by 11/8/85, as indicated in Revision Checklist 17P.

[Federal Authority: RCRA §3005(e); 40 CFR 270.73(c) as amended July 15, 1985 (50 FR 28702).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

- (2) For land disposal facilities in existence on the effective date of statutory or regulatory changes under this Act that render the facility subject to the requirement to have a permit and which is granted interim status, interim status terminates 12 months after the date the facility first becomes subject to such permit requirement unless a Part B application and certification of compliance with applicable groundwater monitoring and financial responsibility requirements are submitted by that date as indicated in Revision Checklist 17P.

[Federal Authority: RCRA §3005(e); 40 CFR 270.73(d) as amended July 15, 1985 (50 FR 28702).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

- (3) Interim status terminates for incinerator facilities by 11/8/89 unless the owner/operator submits a Part B application by 11/8/86 as indicated in Revision Checklist 17P.

[Federal Authority: RCRA §3005(c)(2)(C); 40 CFR 270.73(e) as amended July 15, 1985 (50 FR 28702).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

- (4) Interim status terminates for any facility other than a land disposal or an incineration facility by 11/8/92 unless the owner/operator submits a Part B application by 11/8/88 as indicated in Revision Checklist 17P.

[Federal Authority: RCRA §3005(d); 40 CFR 270.73(f) as amended July 15, 1985 (50 FR 28702).]

40 CFR 270.73(f) as amended July 15,

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

E. [OPTIONAL: This is a reduced requirement.] State statutes and regulations allow facilities to qualify for interim status if they (1) are in existence on the effective date of statutory or regulatory changes that render the facility subject to the requirement to have a permit and (2) comply with §270.70(a) as indicated in Revision Checklist 17P.

[Federal Authority: RCRA §3005(e); 40 CFR 270.73(d) as amended July 15, 1985 (50 FR 28702).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

F. State statutes and regulations provide that facilities may not qualify for interim status under the State's analogue to Section 3005(e) if they were previously denied a Section 3005(c) permit or if authority to operate the facility has been terminated as indicated in Revision Checklist 17P.

[Federal Authority: RCRA §3005(c)(3); 40 CFR 270.70(c) as amended July 15, 1985 (50 FR 28702).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

G. [OPTIONAL: This is a reduced requirement.] State statutes and regulations allow the issuance of a one-year research development, and demonstration permit (renewable 3x) for any hazardous waste treatment facility which proposes an innovative and experimental hazardous waste treatment technology or process not yet regulated as indicated in Revision Checklist 17Q. If adopted, however, the State must require the facility to meet RCRA's financial responsibility and public participation requirements and retain authority to terminate experimental activity if necessary to protect health or the environment.

[Federal Authority: RCRA §3005(g); 40 CFR 270.65 as amended July 15, 1985 (50 FR 28702)]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

H. State statutes and regulations require landfills, surface impoundments, land treatment units, and waste piles that received waste after July 26, 1982 and which qualify for interim status to comply with the groundwater monitoring, unsaturated zone monitoring, and corrective action requirements applicable to new units at the time of permitting as indicated in Revision Checklist 17L.

[Federal Authority: RCRA §3005(i); 40 CFR 264.90(a) as amended July 15, 1985 (50 FR 28702).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

I. State statutes and regulations require:

- (1) Surface impoundments in existence on November 8, 1984 [or subsequently becoming subject to RCRA pursuant to §3005(j)(6)(A) or (B)] to comply with the double liner, leachate collection, and groundwater monitoring requirements applicable to new units by November 8, 1988 [or the date specified in §3005(j)(6)(A) or (B)] or to stop treating, receiving, or storing hazardous waste, unless the surface impoundment qualifies for a special exemption under §3005(j).

[Federal Authority: RCRA §3005(j)(6)(A).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

- (2) Surface impoundments to comply with the double liner, leachate collection and ground-water monitoring requirements if the Agency allows a hazardous waste prohibited from land disposal under §3004(d), (e) or (g) to be placed in such impoundments.

[Federal Authority: RCRA §3005(j)(11).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of Attorney General

- (3) [OPTIONAL: This is a reduced requirement.] State statutes and regulations may allow variances from the above requirements as provided in RCRA §3005(j)(2-9) and (13). However, the availability of such variances must be restricted as provided in RCRA §3005(j).

[Federal Authority: RCRA §3005(j)(2-9).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of Attorney General

J. [Optional: This is a reduced requirement.] Facility owners or operators are given the opportunity to cure deficient Part A applications in accordance with 40 CFR 270.70(b) before failing to qualify for interim status as indicated in Revision Checklist 6.

[Federal Authority: RCRA §3005; 40 CFR Part 270 as amended April 24, 1984 (49 FR 17716).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of Attorney General

K. State statutes and regulations that allow the permit grantor to initiate modifications to a permit without first receiving a request from the permittee, in cases where statutory changes or new or amended regulatory standards affect the basis of the permit as indicated in Revision Checklist 44D.

[Federal Authority: RCRA §3005(c); 40 CFR 270.41(a)(3) as amended December 1, 1987 (52 FR 45788).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

L. State statutes and regulations require that permittees must comply with new requirements imposed by the land disposal restrictions promulgated under Part 268 even when there are contrary permit conditions, as indicated in Revision Checklist 44E.

[Federal Authority: RCRA §3006(g); 40 CFR 270.4(a) as amended December 1, 1987 (52 FR 45788).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

M. State statutes and regulations require information from permit applicants concerning permit conditions necessary to protect human health and the environment as indicated in Revision Checklist 17F.

[Federal Authority: RCRA §3005(c); 40 CFR 270.10 as amended December 1, 1987 (52 FR 45788).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

N. State statutes and regulations require post-closure permits for all landfills, surface impoundments, waste piles and land treatment units receiving hazardous waste after July 26, 1982 as indicated in Revision Checklist 44G.

[Federal Authority: RCRA §3005(i); 40 CFR 270.1(c) as amended December 1, 1987 (52 FR 45788).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

O. State statutes and regulations require that all owners and operators of units that treat, store, or dispose of hazardous waste in miscellaneous units must comply with the general application requirements (including Part A permit requirements), the Part B general application requirements of §270.14, and specific Part B information requirements for miscellaneous units as indicated in Revision Checklist 45.

[Federal Authority: RCRA §§3004 and 3005; 40 CFR 264.600, 270.14 and 270.23 as amended December 10, 1987 (52 FR 46946).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

XVII. MINIMUM TECHNOLOGICAL

A. State statutes and regulations require that new units, expansions, and replacements of interim status waste piles meet the requirements for a single liner and leachate collection system in regulations applicable to permitted waste piles as indicated in the Revision Checklist 17H.

[Federal Authority: RCRA §3015(a); CFR 265.254]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of Attorney General

B. State statutes and regulation require that:

- (1) New units, expansions, and replacement units at interim status landfills and surface impoundments and permitted landfills and surface impoundments meet the requirements for double liners and leachate collection systems applicable to new permitted landfills and surface impoundments in 40 CFR 264.221 and .301 and 265.221 and .301 as indicated in Revision Checklist 17H.
- (2) [Optional: This is a reduced requirement.] Facilities which comply in good faith need not retrofit at permit issuance unless the liner is leaking as provided in §§265.221(e) and 265.301(e) as indicated in Revision Checklist 17H.
- (3) Variances from the above requirements are optional. However, the availability of such variances is restricted as provided in §§265.221(c) and 265.301(c) as indicated in Revision Checklist 17H.

[Federal Authority: RCRA §3015(b); 40 CFR 264.221 and 265.221.]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of Attorney General

XVIII. EXPOSURE ASSESSMENTS

A. State laws and regulations require permit applicants for landfills or surface impoundments to submit exposure information as indicated in Revision Checklist 17S.

[Federal Authority: RCRA §3019(a); 40 CFR 270.10(j).]

B. State laws and regulations allow the State to make assessment information available to the Agency for Toxic Substances and Disease Registry. (See CERCLA §104(i).)

[Federal Authority: RCRA §3019(b).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of Attorney General

AVAILABILITY OF INFORMATION

State statutes and regulations provide that:

- (1) All records shall be available to the public unless they are exempt from the disclosure requirements of the Federal FOIA, 5 U.S.C. 552;
- (2) All nonexempt records will be available to the public upon request regardless of whether any justification or need for such records has been shown by the requestor;
- (3) The same types of records would be available to the public from the State as would be available from EPA. [In making this certification, the Attorney General should be aware of the types of documents EPA generally releases under the FOIA, subject to claims of business confidentiality: permit applications; biennial reports from facilities; closure plans; notification of a facility closure; contingency plan incident reports; delisting petitions; financial responsibility instruments; ground-water monitoring data (note that exemptions 5 U.S.C.552(b)(9) of the FOIA applies to such wells as oil and gas, rather than to ground-water wells); transporter spill reports; international shipment reports; manifest exception, discrepancy and unmanifested waste reports; facility EPA identification numbers; withdrawal requests; enforcement orders; and, inspection reports]; and,
- (4) Information is provided to the public in substantially the same manner as EPA as indicated in 40 CFR Part 2 and the Revision Checklist in Appendix D of the SCRAM. [Optional: Where the State agrees to implement selected provisions through the use of a Memorandum of Agreement (MOA) the Attorney General must certify that: "The State has the authority to enter into and carry out the MOA provisions and there are no State statutes (e.g., State Administrative Procedures Acts) which require notice and comment or promulgation of regulations for the MOA procedures to be binding.]
- (5) [OPTIONAL: The State statutes and regulations protect Confidential Business Information (CBI) to the same degree as indicated in 40 CFR 2 and the Revision Checklist in Appendix D of the SCRAM. Note, that States do not have to protect CBI, to satisfy 3006(f). However, if a State does extend protection to CBI then it cannot restrict the release of information that EPA would require to be disclosed.]

[Federal Authority: RCRA §3006(f); 40 CFR §271.17(c).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of Attorney General

XX. BURNING OF WASTE FUEL AND USED OIL FUEL IN BOILERS AND INDUSTRIAL FURNACES

A. State statutes and regulations contain the following requirements regarding the burning of waste fuel and used oil fuel for energy recovery in boilers and industrial furnaces as indicated in Revision Checklist 19:

- (1) Waste fuels and used oil fuels are identified as solid waste to encompass all such wastes controlled under 40 CFR 261.3, 261.4 and 261.6.
- (2) Special management standards for generators, transporters, marketers and burners of hazardous waste and used oil burned for energy, as provided in 40 CFR 264.340, 265.340, 266.30-35 and 266.40-45.

[Federal Authority: §§3001, 3004, 3014(a); 40 CFR Parts 261, 264, 265 and 266 as amended November 29, 1985 [50 FR 49164 - 49212], November 19, 1986 [51 FR 41900 - 41904] and April 13, 1987 [52 FR 11819 - 11822].]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of Attorney General

B. State statutes and regulations provide the authority to obtain criminal penalties for violations of the waste fuel and used oil fuel requirements, as provided in 40 CFR 266.40-45.

[Federal Authority: §3006(h), §3008(d), 3014; 40 CFR 271.16]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of Attorney General

XXI. LAND DISPOSAL RESTRICTIONS

A. State statutes and regulations provide for the restrictions of the land disposal of certain spent solvents and dioxin-containing hazardous wastes as indicated in Revision Checklist 34.

[Federal Authority: §3004(d)-(k) and (m); 40 CFR Parts 260, 261, 262, 263, 264, 265, 268 and 270 as amended on November 7, 1986 (51 FR 40572) and as amended on June 4, 1987 (52 FR 21010).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of Attorney General

B. State statutes and regulations for restricting the disposal of certain California list wastes, including liquid hazardous waste containing polychlorinated biphenyls (PCBs) above specified concentrations, and hazardous waste containing halogenated organic compounds (HOCs) above specified concentrations as indicated in Revision Checklist 39.

[Federal Authority: RCRA §3004(d)-(k) and (m); 40 CFR Parts 262, 264, 265, 268 and 270 as amended on July 8, 1987 (52 FR 25760) and October 27, 1987 (52 FR 41295).]

Citation of Laws and Regulations; Date of Enactment and Adoption Remarks of the Attorney General

XXII. MEMORANDUM OF AGREEMENT

[If the State uses the MCA to satisfy Federal procedural requirements, the Attorney General must certify the following:

- (1) The State has the authority to enter into the agreement,
- (2) The State has the authority to carry out the agreement, and
- (3) No applicable State statute (including the State Administrative Procedure Act) requires that the procedure be promulgated as a rule in order to be binding.

Seal of Office

Signature

Name (Type or Print)

Title

Date

ATTACHMENT C

Revised Pages for Existing Checklists

The following pages replace
pages 1 and 2 of
Revision Checklist 4

33A 317-1000

PART 261 - IDENTIFICATION AND LISTING

HAZARDOUS WASTE FROM NONSPECIFIC SOURCES

§261.31 Hazardous waste from nonspecific sources

F024..Wastes including but not limited to distillation residues, heavy ends, tars, and reactor cleanout wastes from the production of chlorinated aliphatic hydrocarbons, having carbon content from one to five, utilizing free radical catalyzed processes. (This listing does not include light ends, spent filters and filter aids, spent dessicants, wastewaters, wastewater treatment sludges, spent catalysts, and wastes listed in §261.32.) (T)

hazardous constitutes	Appendix VII			
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EPA Hazardous Waste No.	Hazardous constituents for which listed

REVISION CHECKLIST: Chlorinated Aliphatic Hydrocarbon

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

APPENDIX VII to PART 261(con't)

EPA Hazardous
Waste No.

Hazardous constituents for
which list

F024... ..hexachloroethane, allyl chloride (3-chloropropene), dichloropropane, dichloropropene, 2-chloro-1,3-butadiene, hexachloro-1,3-butadiene, hexachlorocyclopentadiene, hexachlorocyclohexane, benzene, chlorobenzene, dichlorobenzenes, 1,2,4-trichlorobenzene, tetrachlorobenzene, pentachlorobenzene, hexachlorobenzene, toluene, naphthalene.

APPENDIX VIII of PART 261

add 3-chloropropene (allyl chloride)	Appendix VIII		
add 2-chloro-1,3-butadiene (chloroprene)	Appendix VIII		

The following pages should
replace pages 1, 2 and 7
of Revision Checklist 14

(Note: no changes were made to page one; it was
included for convenience in case your version of
this checklist has two-sided copying.)

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)		
residues	261.5(e)(2)		

RESIDUES OF HAZARDOUS WASTE IN EMPTY CONTAINERS

definition of empty	261.7(b)(1)		
acute hazardous wastes	261.7(b)(3)		

SUBPART D - LISTS OF HAZARDOUS WASTES

GENERAL

acute "F" wastes	261.30(d)		
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HAZARDOUS WASTE FROM NONSPECIFIC SOURCES

list of "F" wastes	261.31		
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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.....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 pentachlorophenol, or of intermediates used to produce its derivatives.
- F022.....Waste (except wastewater and spent carbon from hydrogen chloride (H) purification) from the manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tetra-, penta-, or hexachlorobenzenes under alkaline conditions.
- F023.....Wastes (except wastewater and spent carbon from hydrogen chloride (H) 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.)
- 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.
- 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.)
- F028.....Residues resulting from the incineration or thermal treatment of soil contaminated with EPA Hazardous Waste Nos. F020, F021, F022, F023, F026, and F027.

DISCARDED COMMERCIAL CHEMICAL PRODUCTS.

OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES

Toxic "U" wastes

261.33(F)

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, 2,3,4,5-tetrachloro-
Do	Phenol, 2,4,5-trichloro-
Do	Phenol, 2,4,6-trichloro-
See F027	Propionic acid, 2-(2,4,5-trichlorophenoxy)-
See F027	Silver.
See F027	2,4,5-T
See F027	2,3,4,6-Tetrachlorophenol
See F027	2,4,5-Trichlorophenol.
Do	2,4,6-Trichlorophenol.
Do	2,4,5-Trichlorophenoxyacetic acid.

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

PART 265 - INTERIM STANDARDS FOR OWNERS AND OPERATORS OF TSD's

SUBPART A - GENERAL

PURPOSE, SCOPE, AND APPLICABILITY

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

INTERIM STATUS INCINERATORS BURNING PARTICULAR HAZARDOUS WASTES

dioxin certification	265.352(a)		
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certification standards	265.352(b)		
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SUBPART P - THERMAL TREATMENT

INTERIM STATUS THERMAL TREATMENT BURNING PARTICULAR HAZARDOUS WASTES

dioxin certification	265.383(a)		
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certification standards	265.383(b)		
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PART 270 - PERMIT PROGRAM

SUBPART B - PERMIT INFORMATION

CONTENTS OF PART B

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

tanks	270.16(g)		
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surface impoundments	270.17(i)		
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waste piles	270.18(i)		
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land treatment	270.20(i)		
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landfills	270.21(j)		
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The following page should replace Revision Checklist 17L (i.e., page 14 of Revision Checklist 17). A copy of Revision Checklist 17K (i.e., page 13 of Revision Checklist 17) has also been provided for convenience to make up for the fact that double-sided copying is used in the SCRAM for these two checklists. Single-sided copying has been used in this SPA for corrections to checklists.

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

PART 264 - FACILITY PERMIT REQUIREMENTS

SUBPART F - RELEASES FROM SOLID WASTE MANAGEMENT UNITS

APPLICABILITY

solid waste management unit	264.90(a)		
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CORRECTIVE ACTION FOR SOLID WASTE MANAGEMENT UNITS

solid waste management unit	264.101(a)		
specified in permit	264.101(b)		

PART 270 - PERMITTING REQUIREMENTS

SUBPART F - SPECIAL FORMS OF PERMITS

PERMITS BY RULE

IC permits issued after 1/8/84	270.60(b)(3)		
PDES permits issued after 1/8/84	270.60(c)(3) (vii)		

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

PART 266 - SPECIFIC MANAGEMENT STANDARDS

SUBPART D - HAZARDOUS WASTE BURNED FOR ENERGY RECOVERY

STANDARDS APPLICABLE TO MARKETERS OF HAZARDOUS WASTE FUEL

labelling	266.34(d)		
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The following page replaces page 5 of Revision Checklist 28. Page 6 of this checklist has also been provided for your convenience to make up for the fact that double-sided copying is used in the SCRAM whereas this SPA has used single-sided copying.

CLOSURE AND POST-CLOSURE

General closure requirements	264.197(a)		
Specific requirements when contaminated soils cannot practicably be removed or decontaminated; closure as a landfill	264.197(b)		
Closure plans and financial responsibility requirements for tank systems w/o secondary containment that fall under §264.193(b)-(f) and are not exempt from secondary containments requirements	264.197(c)		

SPECIAL REQUIREMENTS FOR IGNITABLE OR REACTIVE WASTES

Ltd. placement of I or R wastes in tank systems	264.198(a)		
Compliance w/maintenance of protective distances	264.198(b)		

SPECIAL REQUIREMENTS FOR INCOMPATIBLE WASTES

Ltd. placement of incom. wastes in tank systems	264.199(a)		
Use of tank system that previously held incom. wastes	264.199(b)		
Remove paragraph	264.200		

PART 265 - INTERIM STANDARDS FOR OWNERS AND OPERATORS

GENERAL WASTE ANALYSIS

Methods for additional waste analysis	265.13(b)(6)		
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GENERAL INSPECTION REQUIREMENTS

Inspection frequency	265.15(b)(4)		
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OPERATING RECORD

Records & results of analysis & trial tests	265.73(b)(3)		
Monitoring, testing, of analytical data	265.73(b)(6)		

APPLICABILITY

Tank systems which must comply w/landfill requirements	265.110(b)(2)		
Financial responsibility requirements	265.140(b)		

SUBPART J - TANK SYSTEMS

APPLICABILITY

Tanks systems used for storing & treating h.w	265.190		
Exemptions from secondary containment requirements	265.190(a)&(b)		

ASSESSMENT OF EXISTING TANK SYSTEMS OR COMPONENTS

Written assessment requirement	265.191(a)		
Min. assessment considerations	265.191(b)		
12 mos. deadline for materials which become h.w. after 7/14/86	265.191(c)		
Tank systems found to be leaking or unfit for use	265.191(d)		

DESIGN AND INSTALLATION OF NEW TANK SYSTEMS OR COMPONENTS

Info. to be included in the written assessment for new underground tank	265.192(a)		
New tank installation procedures; inspection requirements	265.192(b)		
Backfilling requirements for new underground tank systems	265.192(c)		
Tightness requirements	265.192(d)		
Protection of ancillary equipment	265.192(e)		
Corrosion protection requirements	265.192(f)		
Written statements and certification statements	265.192(g)		

The following 3 pages replace
pages 1 - 3 of Revision Checklist #29

SECTION CHECKLIST 29

Corrections to Listing of Commercial Chemical Products and Appendix VIII Constituents 51 FR 28296-28310 August 6, 1986

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

NOTE: On April 22, 1988 (Revision Checklist 46) extensive technical corrections were made to the lists addressed by this Checklist, because there were so many spelling and formatting errors found in these lists. Consequently, states are advised to use the lists associated with Revision Checklist 46 rather than the one associated with this checklist when amending their code.

PART 261 - IDENTIFICATION AND LISTING OF HAZARDOUS WASTE

SUBPART D - LISTS OF HAZARDOUS WASTE

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

correct specific listings	261.33(e)		
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EPA haz- ardous waste No.	As listed now—	Should be changed to—
P001	3-(alpha-acetonylbenzyl)-4-hydroxycoumarin and salts	3-(alpha-Acetonyl-benzyl)-4-hydroxycoumarin and salts
P006	Aluminum phosphide	Aluminum phosphide (R,T)
P008	4-alpha-Aminopyridine	4-alpha-Aminopyridine
P043	Phosphorofluonic acid, bis-(1-methylethyl)-ester	Phosphorofluonic acid, bis(1-methylethyl) ester
P047	Phenol, 2,4-dinitro-6-methyl-	Phenol, 2-methyl-4,6-dinitro-and salts
P060	Hexachlorohexahydro-endo,exo-dimethanonaphthalene	Hexachlorohexahydro-endo,endo-dimethanonaphthalene
P069	Phosphorothioic acid, O,C-diethyl O-(p-nitrophenyl)-	Phosphorothioic acid, O,C-diethyl O-(p-nitrophenyl) ester
P114	Thallium (I) selenide	Thallium (I) selenide

+ add chemical abstract numbers	261.33(e)		
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Haz- ardous waste No.	Chemical abstracts No.	Substance
P023	107-20-0	Acetaldehyde, chloro-
P002	591-08-2	Acetamide, N-(aminothioxomethyl)-
P057	640-19-7	Acetamide, 2-fluoro-
P058	62-74-8	Acetic acid, fluoro-, sodium salt
P066	16752-77-5	Acetumic acid, N-[(methoxycarbonyloxy)thio-, methyl ester
P002	591-08-2	1-Acetyl-2-thiourea
P003	107-02-8	Acroien
P070	116-06-3	Aldicarb
P004	509-00-2	Aldrin
P005	107-18-6	Allyl alcohol
P006	20059-73-8	Aluminum phosphide (R,T)
P007	2763-96-4	5-(Aminomethyl)-3-isoxazolid
P008	504-24-5	4-alpha-Aminopyridine
P009	131-74-8	Ammonium picrate (R)
P119	7803-55-6	Ammonium vanadate
P010	7778-39-4	Arsenic acid
P012	1327-53-3	Arsenic oxide As ₂ O ₃
P011	1303-28-2	Arsenic oxide As ₂ O ₃
P011	1303-28-2	Arsenic pentoxide
P012	1327-53-3	Arsenic trioxide
P038	692-42-2	Arsine, dimethyl
P036	696-28-6	Arsinous dichloride, phenyl-

RCRA REVISION CHECKLIST 25: Corrections to Listing of Commercial Chemical Products and Appendix VIII Constituents (continued)

FEDERAL REQUIREMENT		RCRA CITE	STATE AUTHORITY		IF DIFFERENT FROM FEDERAL REQUIREMENT, EXPLAIN
			STATUTE	REGULATION	
HAZ- arous waste No.	Chemical abstracts No.	Substance			
P054	151-56-4	Azindine			
P013	542-62-1	Barium cyanide			
P024	106-47-8	Benzenamine, 4-chloro-			
P077	100-01-6	Benzenamine, 4-nitro-			
P028	100-44-7	Benzene, (chloromethyl)-			
P042	51-43-4	1,2-Benzenediol, 4-[(1-hydroxy-2-(methyldiamino)ethyl)-, (R)-			
P046	122-05-8	Benzeneethanamine, alpha,alpha-dimethyl-			
P014	108-98-5	Benzenethiol			
P001	181-81-2	2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-, and salts			
P028	100-44-7	Benzyl chloride			
P015	7440-41-7	Beryllium dust			
P016	542-88-1	Bis(chloromethyl) ether			
P017	598-31-2	Bromoacetone			
P018	357-57-3	Bromoane			
P021	592-01-8	Calcium cyanide			
P022	75-15-0	Carbon bisulfide			
P022	75-15-0	Carbon disulfide			
P035	75-44-5	Carbonic dichloride			
P023	107-20-0	Chloroacetaldehyde			
P024	106-47-8	p-Chloroaniline			
P029	544-92-3	Copper cyanide			
P030		Cyanides (soluble cyanide salts), not otherwise specified			
P031	460-19-5	Cyanogen			
P033	506-77-4	Cyanogen chloride			
P034	131-89-5	2-Cyclohexyl-6-nitrophenol			
P036	696-28-6	Dichlorophenylarsine			
P037	60-57-1	Diiodine			
P038	652-12-2	Dimethylarsine			
P041	311-45-5	Dimethyl-nitrophenyl phosphonate			
P040	297-97-2	O,O-Diethyl O-pyrazinyl phosphorothioate			
P043	55-91-4	Diisopropyl fluorophosphate (DEP)			
P004	309-00-2	1,4:5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-, (1alpha,4alpha,4abeta,5alpha,8alpha,8abeta)-			
P060	465-73-6	1,4:5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-, (1alpha,4alpha,4abeta,5beta,8beta,8abeta)-			
P037	60-57-1	2,7:3,5-Dimethanonaphth(2,3b)oxane, 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1aalpha,2beta,2abeta,3alpha,6alpha,6abeta,7beta,7aalpha)-			
P051	72-20-8	2,7:3,6-Dimethanonaphth(2,3b)oxane, octahydro-, (1aalpha,2beta,2abeta,3alpha,6alpha,6abeta,7beta,7aalpha)-			
P044	60-51-5	Dimethoate			
P045	39196-18-4	3,3-Dimethyl-1-(methylthio)-2-butanone, O-[(methyldiaminocarbonyl) oxime]			
P046	122-09-8	alpha, alpha-Dimethylphenethylamine			
P047	1534-52-1	4,6-Dinitro-o-cresol and salts			
P048	51-28-5	2,4-Dinitrophenol			
P020	88-85-7	Dinoseb			
P085	152-16-9	Diphosphoramidate, octamethyl-			
P039	298-04-4	Disulfoton			
P049	541-53-7	2,4-Dithiouracil			
P050	115-29-7	Endosulfan			
P088	145-73-3	Endothal			
P051	72-20-8	Enonin			
P042	51-43-4	Epinephrine			
P101	107-12-0	Ethyl cyanide			
P054	151-56-4	Ethylenimine			
P097	52-85-7	Famphur			
P056	7782-41-4	Fluorine			
P057	640-19-7	Fluoroacetamide			
P058	62-74-8	Fluoroacetic acid, sodium salt			
P065	628-86-4	Fulminic acid, mercury(2+) salt (R,T)			
P059	76-44-8	Heptachlor			
P082	757-58-4	Hexaethyltetraphosphate			
P116	79-19-6	Hydrazinecarbamothioamide			
P068	60-34-4	Hydrazine, methyl-			
P063	74-90-8	Hydrocyanic acid			
P063	74-90-8	Hydrogen cyanide			
P096	7803-51-2	Hydrogen phosphide			
P064	624-83-9	Isocyanic acid, methyl ester			
P060	465-73-6	Isodrin			
P007	2763-96-4	3(2H)-Isoxazoline, 5-(aminomethyl)-			
P092	62-38-4	Mercury, (aceto-O)phenyl-			
P065	628-86-4	Mercury fulminate (R,T)			
P082	62-75-9	Methamine, N-methyl-N-nitroso-			
P016	542-88-1	Methane, cryos(chloro-			
P112	509-14-8	Methane, tetrametho- (R)			
P118	75-70-7	Methanethiol, trichloro-			
P050	115-29-7	6,9-Methano-2,4,3-benzodioxathiepen, 6,7,8,9,10,10-hexachloro- 1,5,5a,6,9,9a-hexahydro-, 3-oxide			
P059	76-44-8	4,7-Methano-1H-naphthalene, 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-			
P066	16752-77-5	Methomyl			
P067	75-55-8	2-Methylazindine			
P068	60-34-4	Methyl hydrazine			
P064	624-83-9	Methyl isocyanate			
P069	75-86-5	2-Methylacetonitrile			
P071	298-00-0	Methyl parathion			
P072	86-88-4	alpha-Naphthylthiourea			
P073	13463-39-3	Nickel carbonyl			
P073	13463-39-3	Nickel carbonyl, (T-4)-			

FEDERAL REQUIREMENT	RCRA CITE	STATE AUTHORITY		FEDERAL
		STATUTE	REGULATION	REQUIREMENT EXPLAIN
Haz- ardous waste No.	Chemical abstracts No.	Substance		
P075	154-11-5	Nicotine and salts		
P076	10102-43-0	Nitric oxide		
P077	100-01-6	p-Nitroaniline		
P078	10102-44-0	Nitrogen dioxide		
P078	10102-43-9	Nitrogen oxide NO		
P078	10102-44-0	Nitrogen oxide NO ₂		
P081	55-63-0	Nitroglycerine (R)		
P082	62-75-9	N-Nitrosodimethylamine		
P084	4549-40-0	N-Nitrosodimethylvinylamine		
P074	557-19-7	Nickel cyanide		
P085	152-16-9	Octamethylpyrophosphoramide		
P087	20816-12-0	Osmium oxide		
P087	20816-12-0	Osmium tetroxide		
P088	145-73-3	7-Oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid		
P089	56-38-2	Parathion		
P034	131-89-5	Phenol, 2-cyclohexyl-4,6-dinitro-		
P048	51-28-5	Phenol, 2,4-dinitro-		
P047	534-52-1	Phenol, 2-methyl-4,6-dinitro- and salts		
P020	88-85-7	Phenol, 2-(1-methylpropyl)-4,6-dinitro-		
P009	131-74-8	Phenol, 2,4,6-trinitro-, ammonium salt (R)		
P092	62-38-4	Phenylmercury acetate		
P093	103-85-5	Phenylthiourea		
P094	298-02-2	Phorate		
P095	75-44-5	Phosgene		
P096	7803-51-2	Phosphine		
P041	311-45-5	Phosphoric acid, diethyl 4-nitrophenyl ester		
P039	298-04-4	Phosphorodithioic acid, O,O-diethyl S-[2-(ethylthio)ethyl] ester		
P094	298-02-2	Phosphorodithioic acid, O,O-diethyl S-[ethylthio]methyl ester		
P044	60-51-5	Phosphorodithioic acid, O,O-dimethyl S[2-(methylamino)-2-oxoethyl] ester		
P043	55-91-4	Phosphorothioic acid, bis(1-methylethyl)- ester		
P089	56-38-2	Phosphorothioic acid, O,O-diethyl O-(4-nitrophenyl) ester		
P040	297-97-2	Phosphorothioic acid, O,O-diethyl O-pyrazinyl ester		
P097	52-85-7	Phosphorothioic acid, O-[4-[(dimethylamino)sulfonyl]phenyl] O,O-dimethyl ester		
P071	298-00-0	Phosphorothioic acid, O,O-dimethyl O-(4-nitrophenyl) ester		
P110	78-00-2	Plumbane, tetraethyl-		
P098	151-50-8	Potassium cyanide		
P099	506-61-6	Potassium silver cyanide		
P070	116-06-3	Propanal, 2-methyl-2-(methylthio)-, O-[(methylamino)carbonyl]oxime		
P101	107-12-0	Propanenitrile		
P027	542-76-7	Propanenitrile, 3-chloro-		
P069	75-86-5	Propanenitrile, 2-hydroxy-2-methyl-		
P081	55-63-0	1,2,3-Propanetriol, trimethylate (R)		
P017	558-31-2	2-Propanone, 1-bromo-		
P102	107-19-7	Procarbonyl alcohol		
P003	107-02-8	2-Propanol		
P005	107-18-6	2-Propanol-1-ol		
P067	75-55-3	1,2-Propanediol		
P102	591-03-2	2-Propyn-1-ol		
P008	504-24-5	Pyridine		
P075	154-11-5	Pyridine, (S)-[1-methyl-2-pyridindyl]-, and salts		
P111	167-45-3	Pyrophosphoric acid, tetraethyl ester		
P103	650-10-4	Selenourea		
P104	506-64-9	Silver cyanide		
P105	26628-22-8	Sodium azide		
P106	143-33-9	Sodium cyanide		
P107	1314-96-1	Selenium sulfide		
P108	157-24-9	Strychnidin-10-one, and salts		
P018	257-57-3	Strychnidin-10-one, 2,3-dimethoxy-		
P108	157-24-9	Strychnine and salts		
P115	10031-59-1	Sulfuric acid, thallium(I) salt		
P109	3689-24-5	Tetraethylthiopyrophosphate		
P110	78-00-2	Tetraethyl lead		
P111	107-49-3	Tetraethylpyrophosphate		
P112	509-14-8	Tetrahydrofuran (R)		
P062	757-58-4	Tetrahydrophosphoric acid, hexaethyl ester		
P113	1314-32-5	Thallic oxide		
P113	1314-32-5	Thallium(III) oxide		
P114	12035-52-0	Thallium(I) selenite		
P115	10031-59-1	Thallium(I) sulfate		
P109	3689-24-5	Thiodiphosphoric acid, tetraethyl ester		
P045	39196-18-4	Thiolanox		
P049	541-53-7	Thiomidodicarbonic diamide		
P014	108-98-5	Thiophenol		
P116	79-19-6	Thiosemicarbazide		
P026	5344-82-1	Thiourea, (2-chlorophenyl)-		
P072	86-88-4	Thiourea, 1-naphthalenyl-		
P093	103-85-5	Thiourea, phenyl-		
P123	8001-35-2	Toxaphene		
P118	75-70-7	Trichloromethanethiol		
P119	7803-55-6	Vanadic acid, ammonium salt		
P120	1314-62-1	Vanadium(V) oxide		
P084	4549-40-0	Vinylamine, N-methyl-N-nitroso-		
P001	81-81-2	Warfarin		
P121	557-21-1	Zinc cyanide		
P122	1314-64-7	Zinc phosphide (R,T)		

CAS Number given for parent compound only.

The following pages should replace
pages 1, 2, 7, 8, 9, and 10 of
Revision Checklist #34

RCRA REVISION CHECKLIST 34

Land Disposal Restrictions

51 FR 40572-40654

November 7, 1986

as amended on June 4, 1987 52 FR 21010

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

NOTE: The Administrator of EPA is responsible for granting national variances for the effective date of land disposal prohibitions. The procedures for granting the case-by-case extensions are in 40 CFR §268.5. Since the granting of these variances is based on national concerns, States cannot be authorized for this aspect of the program. States should also note that a number of paragraphs addressed by this checklist are superceded by changes made in Revision Checklist 39 (The California List, July 8, 1987, 52 FR 25760). Additionally, the delegability of certain paragraphs have changed in that checklist. Specifically, 268.6, 268.42(b), and 268.44 were made not delegable to the states. Thus, states are not required to adopt these sections when applying for Revision Checklist 34.

PART 260 - HAZARDOUS WASTE MANAGEMENT SYSTEM: GENERAL

SUBPART A - GENERAL

PURPOSE, SCOPE, AND APPLICABILITY

insert "and 268"	260.1(a)		
insert "and 268"	260.1(b)(1)		
insert "and 268"	260.1(b)(2)		
insert "and 268"	260.1(b)(3)		
insert "and 268"	260.1(b)(4)		

AVAILABILITY OF INFORMATION; CONFIDENTIALITY OF INFORMATION

insert "and 268"	260.2(a)		
insert "and 268"	260.2(b)		

USE OF NUMBER AND GENDER

insert "and 268"	260.3		
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SUBPART B - DEFINITIONS

DEFINITIONS

insert "and 268"	260.10		
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RCRA REVISION CHECKLIST 34: Land Disposal Restrictions

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

SUBPART C - RULEMAKING PETITIONS

GENERAL

+ insert "and 268"	260.20(a)		
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PART 261 - IDENTIFICATION AND LISTING OF HAZARDOUS WASTE

SUBPART A - GENERAL

PURPOSE AND SCOPE

insert "268,"	261.1(a)		
insert ",268"	261.1(a)(1)		

EXCLUSIONS

insert "268,"	261.4(c)		
remove "267" insert "268"	261.4(d)(1)		

SPECIAL REQUIREMENTS FOR HAZARDOUS WASTE GENERATED BY CONDITIONALLY EXEMPT SMALL QUANTITY GENERATORS

insert ",268,"	261.5(b)		
insert ",268,"	261.5(c)		
insert ",268,"	261.5(e)		
insert ",268,"	261.5(f)(2)		
insert ",268,"	261.5(g)(2)		

REQUIREMENTS FOR RECYCLABLE MATERIALS

insert "268,"	261.6(a)(3)		
insert "268,"	261.6(c)(1)		

RESIDUES OF HAZARDOUS WASTE IN EMPTY CONTAINERS

insert "268,"	261.7(a)(1)(ii)		
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FEDERAL REQUIREMENT	RCRA CITE	STATE AUTHORITY		IF DIFFERENT FROM FEDERAL REQUIREMENT, EXPLAIN
		STATUTE	REGULATION	
PETITIONS TO ALLOW LAND DISPOSAL OF A WASTE PROHIBITED UNDER				
(1) SUBPART C OF PART 268				
demonstration of no waste migration	268.6(a)			
identify specific unit and waste	268.6(a)(1)			
waste analysis	268.6(a)(2)			
comprehensive characterization	268.6(a)(3)			
demonstration criteria	268.6(b)			
accurate and reproducible procedures	268.6(b)(1)			
Administrator approved techniques	268.6(b)(2)			
models verified with actual data	268.6(b)(3)			
quality assurance/control plan	268.6(b)(4)			
uncertainty analysis	268.6(b)(5)			
petition to Administrator signed	268.6(c)			
(2) statement	268.6(d)			
additional information	268.6(e)			
waste unit to which petition applies	268.6(f)			
public notice	268.6(g)			
term of petition	268.6(h)			
(2) requirements prior to State's decision	268.6(i)			
(2) responsibilities under RCRA	268.6(j)			
WASTE ANALYSIS				
(2) generator determines if restricted waste	268.7(a)			

(1) In the July 8, 1987 FR (52 FR 25760), EPA decided not to delegate the authority for this paragraph at this time. As such, states do not have to adopt it as part of applying for Revision Checklist 34.

(2) Also see technical correction to the rule at 52 FR 21010 (June 4, 1987).

RCRA REVISION CHECKLIST 34: Land Disposal Restrictions (continued)

FEDERAL REQUIREMENT	RCRA CITE	STATE AUTHORITY		IF DIFFERENT FROM FEDERAL REQUIREMENT, EXPLAIN
		STATUTE	REGULATION	
(1) notice by generator to treatment facility	268.7(a)(1)(i-iv)			
(1) generator notice/certification to disposal facility	268.7(a)(2)			
information requirements in notice to disposal facility	268.7(a)(2)(i)			
(1) certification signature/statement	268.7(a)(2)(ii)			
generator notice to disposal facility for wastes under extension for variance	268.7(a)(3)			
(1) maintenance of data supporting knowledge of waste	268.7(a)(4)			
(1) tests by treatment facility for wastes with treatment standards	268.7(b)			
(1) notice by treatment facility to land disposal facility/information needed	268.7(b)(1)(i-iv)			
(1) certification of each shipment	268.7(b)(2)			
wastes with concentration standards	268.7(b)(2)(i)			
(1) wastes with technology standards	268.7(b)(2)(ii)			
(1) requirements for land disposal facility	268.7(c)			

SUBPART C - PROHIBITIONS ON LAND DISPOSAL

WASTE SPECIFIC PROHIBITIONS - SOLVENT WASTES				
(1) prohibited spent solvent wastes	268.30(a)			
small quantity generator 2-year exemption	268.30(a)(1)			

(1) Also see technical correction to the rule at 52 FR 21010 (June 4, 1987).

RCRA REVISION CHECKLIST 34: Land Disposal Restriction

FEDERAL REQUIREMENT	RCRA CITE	STATE AUTHORITY		IF DIFFERENT FROM FEDERAL REQUIREMENT, EXPLAIN
		STATUTE	REGULATION	
CERCLA/corrective action 2-year exemption	268.30(a)(2)			
concentration specific exemption (solvent waste with 1% total solvent constituent)	268.30(a)(3)			
(1) landfill/surface impoundment disposal situations where (a) and (b) do not apply	268.30(b)			
(1) waste treated to meet Subpart D, 268	268.30(c)(1)			
(1) disposal at facility with successful no-migration petition	268.30(c)(2)			
(1) wastes for which case-by-case extension has been granted	268.30(c)(3)			
WASTE SPECIFIC PROHIBITION DIOXIN - CONTAINING WASTES				
(1) prohibited dioxin containing wastes including F022 wastes	268.31(a)			
situations where (a) doesn't apply	268.31(b)			
(1) waste treated to meet Subpart D, 268	268.31(b)(1)			
(1) disposal at facility with petition	268.31(b)(2)			
(1) extension	268.31(b)(3)			
(1) landfill/surface impoundment disposal	268.31(c)			

SUBPART D - TREATMENT STANDARDS

APPLICABILITY OF TREATMENT STANDARDS

applicability/relationship to prohibition	268.40		
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(1) Also see technical correction to the rule at 52 FR 21010 (June 4, 1987).

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

STANDARDS EXPRESSED AS CONCENTRATIONS IN WASTE EXTRACT

Standards/	268.41(a)		
(1) common			
in	268.41(b)		
states			

STANDARDS EXPRESSED AS SPECIFIED TECHNOLOGIES

ated			
tified			
ologies	268.42(a)		
strating			
alternate treat-			
(2) method	268.42(b)		

TREATMENT STANDARDS EXPRESSED AS WASTE CONCENTRATIONS

section			
reserved	268.43		

+(2) VARIANCE FROM A TREATMENT STANDARD

conditions for			
variance	268.44(a)		
procedures in			
accordance with			
260.20	268.44(b)		
statement signed by			
petitioner or author-			
(1) ized representative	268.44(c)		
additional infor-			
(1) mation/copies	268.44(d)		
public			
(1) notification	268.44(e)		
waste analysis			
required of			
(1) restricted wastes	268.44(f)		
requirements during			
(1) petition review	268.44(g)		

SUBPART E - PROHIBITIONS ON STORAGE

PROHIBITIONS ON STORAGE OF RESTRICTED WASTES

(1) exemptions to storage			
prohibitions	268.50(a)		

(1) Also see technical correction to the rule at 52 FR 21010 (June 4, 1987).

(2) At 52 FR 25760 (July 8, 1987), this section became no longer delegable to the states. Thus, states are not required to adopt this paragraph as part of applying for Revision Checklist 24.