

Wyoming Department of Environmental Quality  
Solid and Hazardous Waste Division  
Hazardous Waste Management

Chapter 13 – Land Disposal Restrictions

2007 Rule Revision Explanation

**Introduction:**

The proposed revisions in this Chapter are being initiated by changes to federal rules that have been promulgated by the Environmental Protection Agency (EPA) through the Federal Register Notices that follow. Revisions being proposed in this package are comparable to the federal Resource Conservation and Recovery Act (RCRA) regulation.

Other revisions are proposed to correct editorial errors.

The authority to revise the rules contained within Chapter 13 is provided by W.S. 35-11-503(d)(i). Specific authority to adopt rules more stringent than the federal rules as described for Sections 19(c)(iv), (d)(ii), (f)(i)(A)(VIII) and (IX) and (f)(iii) is provided by W.S. 35-11-503(a)(v)(A).

**Applicable Federal Register Notices:**

These proposed rules incorporate the final adopted EPA rule changes addressed in the following Federal Register (FR) notices:

- 1) February 12, 1997, in 62 FR 6622, *Military Munitions Rule: Hazardous Waste Identification and Management, Explosives Emergencies, Manifest Exemption for Transport of Hazardous Waste on Right-of-ways on Contiguous Properties* (hereafter referred to as Military munitions rule);
- 2) May 12, 1997, in 62 FR 25998, *Land Disposal Restriction (LDR) Phase IV, Treatment Standards for Wood Preserving Wastes, Paperwork Reduction and Streamlining, Exemption from RCRA for Certain Processed Materials and Miscellaneous Hazardous Waste Provisions* (hereafter referred to as LDR Phase IV: Treatment Standards for Wood Preserving Wastes);
- 3) May 26, 1998, in 63 FR 28556, *Land Disposal Restrictions Phase IV Final Rule Promulgating Treatment Standards for Metal Wastes and Mineral Processing Secondary Materials and Bevill Exclusion Issues, Treatment Standards for Hazardous Soils, and Exclusion of Recycled Wood Preserving Wastewaters* (hereafter referred to as LDR Phase IV(a));
- 4) August 6, 1998, in 63 FR 42110, *Hazardous Waste Management System, Identification and Listing of Hazardous Waste* (hereafter referred to as Petroleum refining hazardous waste listings);

- 5) August 31, 1998, in 63 FR 46332, *Hazardous Waste Recycling, Land Disposal Restrictions* (hereafter referred to as Hazardous waste recycling and LDRs);
- 6) September 4, 1998, in 63 FR 47410, *Emergency Revisions of Land Disposal Restrictions (LDR) Treatment Standards for Listed Hazardous Wastes from Carbamate Production* (hereafter referred to as LDRs for Carbamate);
- 7) September 9, 1998, in 63 FR 48124, *Characteristic Slags Generated from Thermal Recovery of Lead by Secondary Lead Smelters, Land Disposal Restrictions, Extension of Compliance Date* (hereafter referred to as LDRs for characteristic lead slag);
- 8) September 24, 1998, in 63 FR 51254, *Land Disposal Restrictions, Treatment Standards for Aluminum Reduction (K088)* (hereafter referred to as LDRs for spent aluminum potliners);
- 9) December 24, 1998, in 63 FR 71225, *Universal Waste Rule - Hazardous Waste Management System, Modification of the Hazardous Waste Recycling Regulatory Program* (hereafter known as Universal waste technical correction);
- 10) May 11, 1999, in 64 FR 25408, , *Land Disposal Restrictions Phase IV, Treatment Standards for Wood Preserving Wastes, Treatment Standards for Metal Wastes, Zinc Micronutrient Fertilizers, Carbamate Treatment Standards and K088 Treatment Standards* (hereafter known as LDR Phase IV(b));
- 11) July 6, 1999, in 64 FR 36466, *Hazardous Waste Management System, Modification of the Hazardous Waste Program, Hazardous Waste Lamps* (hereafter known as Universal lamps);
- 12) October 20, 1999, in 64 FR 56469, *Land Disposal Restrictions Phase IV, Final Rule Promulgating Treatment Standards for Metal Wastes and Mineral Processing Wastes, Mineral Processing Secondary Materials, and Bevill Exclusion Issues, Treatment Standards for Hazardous Soils, and Exclusion of Recycled Wood Preserving Wastewaters* (hereafter known as LDR Phase IV(c));
- 13) November 8, 2000, in 65 FR 67068, *Hazardous Waste Management System, Identification and Listing of Hazardous Waste, Chlorinated Aliphatics Production Wastes, Land Disposal Restrictions for Newly Identified Wastes, CERCLA Hazardous Substance Designation and Reportable Quantities* (hereafter known as Hazardous Waste listing for chlorinated aliphatic production);
- 14) December 26, 2000, in 65 FR 81373, *Deferral of Phase IV Standards for PCB's as a Constituent Subject to Treatment in Soil* (hereafter known as LDR Phase IV(d)); and
- 15) May 16, 2001, in 66 FR 27218, *Storage, Treatment, Transportation and Disposal of Mixed Wastes*;

## EXPLANATION FOR PROPOSED REVISIONS

### Editing guides pertaining to proposed changes:

Underline means language proposed to be added.

~~Strikethrough~~ means language proposed for removal

### Universal editing guides pertaining to the attached rules:

Text in the margins indicates the federal citation for the rule.

**Boldface type** indicates that the state has added language for which there is no federal equivalent language.

A caret symbol (^) indicates that federal language has not been adopted.

*The numbers in the left margin (which follow) coincide with the page numbers on the attached pages from Chapter 13.*

### Changes Proposed to Section 1. GENERAL.

13-1

Section 1(a)(iii)(D) is proposed for revision to correctly reference Section 3 of Chapter 13, and to insert a cross-reference to subsection (a) within Section 4 of Chapter 13.

13-2

Section 1(a)(v)(C) is proposed for revision to substitute the reference to "Department" with "EPA" to coincide with the federal rule.

13-2

Sections 1(a)(v)(D)(I) and (II) are proposed for revision/deletion to change language to coincide with changes made to the federal rules as part of 62 FR 25998, (May 12, 1997 - LDR Phase IV: Treatment Standards for Wood Preserving Wastes). This includes combining subsection (I) with (D) and deleting subsection (II).

13-3

Section 1(a)(vi)(D) is proposed for revision by removing the word "mercury" to reflect language adopted by the EPA as part 64 FR 36466 (July 6, 1999 - Universal Lamps).

13-3

Section 1(b) is proposed for revision to remove definitions for end-of-pipe and stormwater impoundments. These definitions should have been removed during a previous rulemaking. In addition, the definition for "soil" is proposed for insertion in accordance with this term being added to the federal rule as part of 63 FR 28556 (May 26, 1998 - LDR Phase IV).

13-4

Section 1(c)(iv) is proposed for adoption to incorporate the federal rules as part of 63 FR 28556 (May 26, 1998 - LDR Phase IV).

13-4 & 5

Sections 1(d)(i)(B)(II) and (III) are proposed for revision to coincide with changes made to the federal rules as part of 63 FR 28556 (May 26, 1998 - LDR Phase IV).

13-5  
& 6

Sections 1(d)(i)(B)(IV) and 1(d)(i)(D) are proposed for revision to coincide with changes made to the federal rules as part of 62 FR 25998 (May 12, 1997 - LDR Phase IV: Treatment Standards for Wood Preserving Wastes).

13-12

Section 1(f)(xi) is proposed for revision to remove the parenthetical phrase "this section" which was inadvertently left within this rule during a previous rulemaking.

13-12

Section 1(f)(xiii) has been revised to add a cross-reference to Chapter 12, Sections 19 and 20 in accordance with new federal rules adopted as part of 62 FR 6622 (February 12, 1997 - Military munitions rule); and 66 FR 27218 (May 16, 2001- Storage, treatment, transportation and disposal of mixed wastes).

13-12  
thru 26

Sections 1(g)(i) through (v) are proposed for revision in accordance with modifications made to the federal rules as part of four Federal Register notices. These include 62 FR 25998, (May 12, 1997 - LDR Phase IV: Treatment Standards for Wood Preserving Wastes); 63 FR 28556 (May 26, 1998 – LDR Phase IV(a)); 64 FR 25408 (May 11, 1999 - LDR Phase IV(b)); and 64 FR 56469 (October 20, 1999 - LDR Phase IV rules(c)).

Most changes made to Section 1(g) are in response to changes made to the counterpart federal rules as part of the May 26, 1998 Federal Register notice (LDR Phase IV(a)). EPA changed the approach to soil contaminated with hazardous waste by establishing a new treatability group – contaminated soils – and by establishing land disposal restriction treatment standards specific to the treatability group.

13-26  
& 27

Section 1(i)(i) is proposed for revision in accordance with modifications made to the counterpart federal rule as part of 62 FR 25998 (May 12, 1997 - LDR Phase IV: Treatment Standards for Wood Preserving Wastes).

13-27

Sections 1(i)(iv) and (iv)(A)(I) are proposed for revision to remove text which should have been removed as part of a previous rulemaking. These changes were inadvertently omitted from the list of proposed changes.

13-27  
& 28

Section 1(i)(iv)(A)(II) is proposed for revision in accordance with the counterpart federal rule being modified as part of 62 FR 25998 (May 12, 1997 - LDR Phase IV: Treatment Standards for Wood Preserving Wastes).

13-28

Sections 1(i)(iv)(B) and (B)(I) are proposed for revision to correct a cross-reference to a rule which was renumbered in the counterpart federal rules as part of 64 FR 25408 (May 11, 1999 - LDR Phase IV(b)).

13-28

Sections 1(i)(iv)(C) through 1(i)(vii) are proposed for deletion. These rules should have been removed from this Chapter during an earlier rulemaking.

### Changes Proposed to Section 3. PROHIBITIONS ON LAND DISPOSAL.

13-29  
thru 31

Sections 3(a)(i) through (v) are proposed for revision in accordance with the counterpart federal rules being modified by 62 FR 25998 (May 12, 1997 - LDR Phase IV: Treatment Standards for Wood Preserving Wastes).

13-31  
thru 34

Sections 3(c)(i) through (x) are proposed for deletion in accordance with the corresponding federal rules being repealed as part of 62 FR 25998 (May 12, 1997 - LDR Phase IV: Treatment Standards for Wood Preserving Wastes). A new Section 3(c) is proposed for adoption in accordance with new federal rules being adopted as part of 65 FR 81373 (December 26, 2000 - LDR Phase IV(d)).

13-34  
thru 36

Sections 3(d)(i) through (vii) are proposed for deletion in accordance with the corresponding federal rules being repealed as part of 62 FR 25998, (May 12, 1997 - LDR Phase IV: Treatment Standards for Wood Preserving Wastes). A new Section 3(d) is proposed for adoption in accordance with new federal rules being adopted as part of 65 FR 67608 (November 8, 2000 - Hazardous Waste listing for chlorinated aliphatic production wastes).

13-36  
thru 39

Section 3(e) is proposed for adoption in accordance with these rules being added to the federal rules as part of 63 FR 28556 (May 26, 1998 – LDR Phase IV(a)). Subsection (ii) of Section (e) was added by 63 FR 48124 (September 9, 1998 - LDRs for characteristic lead slag).

13-39  
thru 43

Section 3(f) is proposed for deletion in accordance with the corresponding federal rules being repealed as part of 62 FR 25998 (May 12, 1997 - LDR Phase IV: Treatment Standards for Wood Preserving Wastes). A new Section 3(f) is proposed for adoption in accordance with new federal rules being adopted as part of 63 FR 42110 (August 6, 1998 - Petroleum refining hazardous waste listings).

13-43  
& 44

Section 3(g) is proposed for deletion and marked as reserved in accordance with 62 FR 25998 (May 12, 1997 - LDR Phase IV: Treatment Standards for Wood Preserving Wastes).

13-46

Sections 3(j)(i) and (ii) are proposed for revision to remove text which was inadvertently left in each rule when it was adopted during a previous rule making.

13-46

Section 3(j)(iii) is proposed for revision to change the effective date for the prohibition of land disposal of K088 wastes. This date was revised as part of 63 FR 51254 (September 24, 1998 - LDRs for spent aluminum potliners).

13-47

Section 3(j)(iv) is proposed for revision to insert " U395" into the list of compounds that are prohibited from land disposal. This compound was inadvertently omitted from this list when this rule was adopted during a previous rulemaking.

13-47

Section 3(j)(vii) is proposed for revision to correctly cross-reference to Section 3(j) and to insert "of this Chapter." In addition, the reference to the requirements of Chapter 13 is proposed for addition to replace the reference to Section 3. These changes are necessary to revise text that was inadvertently maintained in the rule during a previous rulemaking.

#### Changes Proposed to Section 4. TREATMENT STANDARDS.

13-48  
& 49

Sections 4(a)(v)(A) through (D) are proposed for revision in accordance with changes made to the counterpart federal rule as part of 63 FR 28556 (May 26, 1998 LDR Phase IV(a)).

13-49 Section 4(a)(vii) is proposed for revision in accordance with changes made to the counterpart federal rule as part of 63 FR 47409 (September 4, 1998 - LDRs for carbamates).

13-49 & 50 Section 4(a)(viii) is proposed for adoption in accordance with this rule being added to the federal rules as part of 63 FR 28556 (May 26, 1998 - LDR Phase IV(a)).

13-50 Section 4(a)(ix) is proposed for adoption in accordance with this rule being added to the federal rules as part of 63 FR 46332 (August 31, 1998 - Hazardous waste recycling and LDRs) and further revised as part of 64 FR 25408, (May 11, 1999 - LDR Phase IV(b)).

13-50 Section 4(a)(x) is proposed for adoption in accordance with this rule being added to the federal rules as part of 63 FR 47409 (September 4, 1998 - LDRs for carbamates).

13-51 thru 191 Section 4(a), the Treatment Standards for Hazardous Wastes table is proposed for revision to include numerous federal changes made to this table.

13-51 D001 is proposed for revision to add "or POLYM." This change was made to the federal counterpart rule as part of 62 FR 25998 (May 12, 1997 - LDR Phase IV: Treatment Standards for Wood Preserving Wastes).

13-53 thru 57 D004 through D0011 are proposed for revision to include:

- a reference to footnote 9;
- new treatment standards;
- include the use of the toxicity characteristic leaching procedure (TCLP) instead of an extraction procedure; and
- refer to meeting universal treatment standards contained in Chapter 13, Section 4(h).

These changes are proposed in accordance with identical changes made to the counterpart federal entries as part of 63 FR 28556 (May 26, 1998 - LDR Phase IV(a)).

13-66 thru 69 F006 through F012 and F019 are proposed for revision to modify the treatment concentrations for various metals within the nonwastewaters category. These changes were made to the counterpart federal entries as part of 63 FR 28556 (May 26, 1998 - LDR Phase IV(a)).

13-69 F024 is proposed for revision to modify the treatment standards for chromium and nickel in the nonwastewater category. These changes were made to the counterpart federal entries as part of 63 FR 28556 (May 26, 1998 - LDR Phase IV(a)).

13-75 thru 78 F032, F034 and F035 are proposed for adoption in accordance with these entries being added to the federal counterpart Table as part of 62 FR 25998 (May 12, 1997 - LDR Phase IV: Treatment Standards for Wood Preserving Wastes). The entries for chromium in the nonwastewaters category were revised from .86 mg/L to .60 mg/L as part of 63 FR 28556 (May 26, 1998 - LDR Phase IV(a)).

13-80 thru 82 & 100 F037, F038 and K015 are proposed for revision to modify the treatment concentrations for chromium and nickel in the nonwastewaters category. These changes were made to the counterpart federal entries as part of 63 FR 28556 (May 26, 1998 - LDR Phase IV(a)).

13-89,  
90, 92,  
95 & 96

F039 is proposed for revision to adopt constituents 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin, 1,2,3,4,6,7,8-heptachlorodibenzofuran, 1,2,3,4,7,8,9-heptachlorodibenzofuran, 1,2,3,4,6,7,8,9-octachlorodibenzo-p-dioxin and 1,2,3,4,6,7,8,9-octachlorodibenzofuran. These constituents were added to the federal rules as part of 65 FR 67068 (November 8, 2000 - Hazardous Waste listing for chlorinated aliphatic production). In addition, treatment concentrations for various metals within the nonwastewater category are also proposed for revision in accordance with the counterpart federal entries being revised as part of 63 FR 28556 (May 26, 1998 - LDR Phase IV(a)).

13-97  
& 98

K001 through K008 are proposed for revision to modify the treatment concentrations for lead and chromium in the nonwastewaters category. These changes were made to the counterpart federal rules as part of 63 FR 28556 (May 26, 1998 - LDR Phase IV(a)).

13-102  
thru 104  
& 109  
thru 121

K021, K022, K028, K046, K048 through K052, K061, K062, K069, K071, K083, K086, and K087 are proposed for revision to modify the treatment concentrations for various metals in the nonwastewaters category. These changes were made to the counterpart federal rules as part of 63 FR 28556 (May 26, 1998 - LDR Phase IV(a)).

13-122  
& 123

K088 is proposed for revision to modify the treatment concentrations for various metals in the nonwastewaters category. Footnote number 7 has been added to cyanide (total) and cyanide (amenable). These changes were made to the counterpart federal rules as part of 63 FR 28556 (May 26, 1998 - LDR Phase IV(a)), and 64 FR 25408 (May 11, 1999 - LDR Phase IV(b)).

13-126

K100 is proposed for revision to modify the treatment concentrations for various metals in the nonwastewater category. These changes were made to the counterpart federal rules as part of 63 FR 28556 (May 26, 1998 - LDR Phase IV(a)).

13-137  
thru 139

K156, K157 and K158 are proposed for revision to remove parenthetical statements under the Waste Description and Treatment/Regulatory Subcategory column. In addition the treatment level for Acetrontrile in the nonwastewater category under K156 is proposed to be revised from 38 mg/kg to 1.8 mg/kg. These changes were made to the counterpart federal rules as part of 63 FR 47410 (September 4, 1998 - LDRs for Carbamate).

13-140  
& 141

K161 is proposed for revision to change the nonwastewater treatment standards for antimony, lead, nickel and selenium. These changes were made to the counterpart federal rules as part of 63 FR 47410 (September 4, 1998 - LDRs for Carbamate).

13-141  
thru 144

K169 through K172 are proposed for adoption in accordance with these waste codes being added to the counterpart federal table as part of 63 FR 42110 (August 6, 1998 - Petroleum refining hazardous waste listings).

13-144  
& 145

K174 and K175 are proposed for adoption in accordance with these waste codes being added to the counterpart federal table as part of 65 FR 67068 (November 8, 2000 - Hazardous Waste listing for chlorinated aliphatic production).

13-159  
& 160

P127, P128, P188 through P190, P194, P196, P198, P199, and P201 through P205 are proposed for revision to remove Footnote 10 from each of these waste codes. These changes

were made to the counterpart federal rules as part of 64 FR 25408 (May 11, 1999 - LDR Phase IV(b)).

13-187  
thru 189

U271, U278, 279, U280, U367, U372, U373, U387, U389, U404, U409, U410, and U411 are proposed for revision to remove Footnote 10 from each of these waste codes. These changes were made to the counterpart federal rules as part of 64 FR 25408 (May 11, 1999 - LDR Phase IV(b)).

13-189

U408 is proposed for adoption in accordance with this waste code being added to the counterpart federal table as part of 64 FR 25408 (May 11, 1999 - LDR Phase IV(b)).

13-190  
& 191

Footnotes 8 and 10 are proposed for revision and footnotes 11 and 12 are proposed for adoption. Footnote 8 is being revised to correct a grammatical error and remove a cross-reference to a federal rule. Footnote 10 is being revised to remove a reference to applicable dates. This change was made to the counterpart federal rule as part of 63 FR 47410 (September 4, 1998 - LDRs for Carbamate). Footnotes 11 and 12 were added to the federal rules as part of 64 FR 25408 (May 11, 1999 - LDR Phase IV(b)).

13-191  
& 192

Sections 4(c)(i)(A) through (C) are proposed for revision and deletion consistent with changes made to the counterpart federal rule as part of 63 FR 28556 (May 26, 1998 LDR Phase IV(a)).

13-194

Section 4(c) Table 1. Technology Codes and Description of Technology - Based Standards, is proposed for revision to add POLYM. This technology code was added to the counterpart federal table as part of 62 FR 25998 (May 12, 1997 - LDR Phase IV: Treatment Standards for Wood Preserving Wastes).

13-196

Section 4(e)(i) is proposed for revision to remove the word "Director" and replace it with "EPA Regional Administrator" because States have not been delegated the ability to grant variances from treatment standards. The word "Director" was inadvertently adopted during a previous rulemaking.

13-197

Section 4(e)(i)(B)(II) is proposed for revision to correct a grammatical error. This error was inadvertently made during a previous rulemaking.

13-198

Sections 4(e)(viii)(C) and (D) are proposed for adoption in accordance with these rules being added to the federal rules as part of 63 FR 28556 (May 26, 1998 LDR Phase IV(a)). Existing subsection (C) has been renumbered to (E) to accommodate the added language.

13-199  
& 200

Sections 4(f)(i) and 4(f)(iv)(C) and (D) are proposed for revision to incorporate changes made to the counterpart federal rules as part of 63 FR 28556 (May 26, 1998 LDR Phase IV(a)).

13-209  
thru 217

Section 4(h)(i) Table UTS – Universal Treatment Standards was modified to designate the table as part of Section 4(h). The table is also proposed for revision to include numerous changes made to this table between May 26, 1998 and December 26, 2000.

13-209,  
211 thru  
213 &  
215

The following regulated constituents are proposed for deletion from this table; A2213; Bendiocarb phenol; Diethylene glycol, dicarbamate; Dimetilan; Formparanate; Isolan; o-



Phenylenediamine; and Tirpate. These constituents were removed from the counterpart federal table as part of 63 FR 47410 (September 4, 1998 - LDRs for Carbamate).

13-216  
& 217

The numerical universal treatment standards are proposed for revision for various metals in the nonwastewater standard category. These changes were made to the counterpart federal rules as part of 63 FR 28556 (May 26, 1998 LDR Phase IV(a)).

13-213  
& 214

The following regulated constituents are proposed for adoption in accordance with the same constituents being added to the federal table as part 65 FR 67068 (November 8, 2000 - Hazardous Waste listing for chlorinated aliphatic production):

- 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin;
- 1,2,3,4,6,7,8-heptachlorodibenzofuran;
- 1,2,3,4,7,8,9-heptachlorodibenzofuran;
- 1,2,3,4,6,7,8,9-octachlorodibenzo-p-dioxin; and
- 1,2,3,4,6,7,8,9-octachlorodibenzofuran.

13-214

The entry for "Total PCBs (sum of all PCB isomer, or all Aroclors)" is proposed for revision to add footnote Number 8. This footnote was added to the counterpart federal table as part of 65 FR 81373 (December 26 - LDR Phase IV(d)).

13-217

Footnote 7 is proposed for adoption as a placeholder to be designated as "reserved." The federal counterpart footnote regarding selenium was adopted in the federal rules as part of 63 FR 28556 (May 26, 1998 LDR Phase IV(a)).

13-217

Footnote 8 is proposed for adoption in accordance with this footnote being added to the federal rules as part of 65 FR 81373 (December 26 - LDR Phase IV(d)).

13-217  
thru 220

Sections 4(j)(i) through (v) are proposed for adoption in accordance with counterpart rules being added to the federal rules as part of 63 FR 28556 (May 26, 1998 - LDR Phase IV(a)); 64 FR 25408 (May 11, 1999 - LDR Phase IV(b)); and 65 FR 81373 (December 26, 2000 - LDR Phase IV(d)).

#### Changes Proposed to Section 5. **PROHIBITIONS ON STORAGE.**

13-221

Section 5(a)(vii) is proposed for adoption in accordance with a counterpart rule being added to the federal rules as part of 63 FR 65874 (November 30, 1998 - HWIR-media rule).

#### Changes Proposed to Appendix A. **Toxicity Characteristic Leaching Procedure**

13-A-1

Appendix A is proposed for deletion in accordance with this Appendix being removed from the federal rules as part of 62 FR 25998 (May 12, 1997 - LDR Phase IV).

#### Changes Proposed to Appendix B. **Treatment Standards (As Concentrations in the Treatment Residual Extract)**

13-B-1

Appendix B is proposed for deletion in accordance with this Appendix being removed from the federal rules as part of 62 FR 25998 (May 12, 1997 - LDR Phase IV).

**Changes Proposed to Appendix C. List of Halogenated Organic Compounds Regulated Under Chapter 13, Section 3(c) of These Rules and Regulations**

13-C-1  
through  
C-3

The change made here was to add a number before each compound to be consistent with federal rule protocol.

**Changes Proposed to Appendix D. Wastes Excluded From Lab Packs Under the Alternative Treatment Standards of Chapter 13, Section 4(c)(iii)**

13-D-1

A reference to a federal rule is proposed for deletion. This federal rule citation was inadvertently left within this Appendix during a previous rulemaking.

**Changes Proposed to Appendix F. Recommended Technologies to Achieve Deactivation of Characteristics in Chapter 13, Section 4(c)**

13-F-1

Appendix F is proposed for revision to incorporate changes made to the introductory text within the counterpart federal rules as part of 65 FR 25998 (May 12, 1997 - LDR Phase IV).

**Changes Proposed to Appendix G. LDR Effective Dates of Injected Prohibited Hazardous Wastes**

13-G-1  
through  
G-22

Appendix G is proposed for revision to incorporate changes made to the counterpart federal tables.

Table 1 was completely reprinted as part of 62 FR 25998 (May 12, 1997 - LDR Phase IV: Treatment Standards for Wood Preserving Wastes). Changes to Table 1 include:

13-G-1  
thru 3

Deletion of the California Lists, revisions to D001 through D003 and D012 through D017 and adoption of D018 through D043,

13-G-4

Deletion of F022 through F024 and adoption of F032 through F038;

13-G-6

Revision to K061 – nonwastewater and adoption of K088;

13-G-7, 8, 9

Adoption of K107 through K112, adoption of K117 through K161;

13-G-11, 12

Adoption of P127 through P205; and

13-G-18, 19

Adoption of U271 through U411.

13-G-19, 20

Footnotes a and b are proposed for revision and footnotes c through e are proposed for adoption.

13-G-  
20 &  
21

Table 2 is proposed for revision in accordance with revisions made to the counterpart federal table as part of 62 FR 25998 (May 12, 1997 - LDR Phase IV: Treatment Standards for Wood Preserving Wastes) and 63 FR 28556 (May 26, 1998 - LDR Phase IV(a)). Changes are being proposed to entries 3 through 7, entries 8 through 13 are proposed for adoption, end-note no. 1 is proposed for revision and end-note no. 2 is proposed for deletion.

**Changes Proposed to Appendix H. LDR Effective Dates of Injected Prohibited Hazardous Wastes**

13-H-1  
through  
H-5

Appendix H is proposed for revision to delete the California list entries, adopt D001, D002, D012 through D043, F032 through F038, K088, K107 through K161, P127 through P205 and U271 through U411; revise footnote a and b and adopt footnote c. These changes are proposed in accordance with the counterpart federal table being revised as part of 62 FR 25996 (May 12, 1997 - LDR Phase IV: Treatment Standards for Wood Preserving Wastes).

13-J-1  
through  
7

Appendix J was deleted and reserved by Federal Register notice May 12, 1997, (62 FR 25998) LDR Phase IV.