

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

- 1) Heading of the Part: Land Disposal Restrictions
- 2) Code Citation: 35 Ill. Adm. Code 728
- 3)

<u>Section Numbers:</u>	<u>Proposed action:</u>
728.APPENDIX C	Amend
728.APPENDIX G	Amend
728.TABLE T	Amend
728.TABLE U	Amend
- 4) Statutory Authority: 415 ILCS 5/7.2, 22.4, and 27
- 5) A complete description of the subjects and issues involved: The amendments to Part 728 are a single segment of the docket R11-2/R11-16 rulemaking that also affects 35 Ill. Adm. Code 702, 720, 721, 722, 723, 724, 725, and 726, each of which is covered by a separate notice in this issue of the *Illinois Register*. To save space, a more detailed description of the subjects and issues involved in the docket R11-2/R11-16 rulemaking in this *Illinois Register* only in the answer to question 5 in the Notice of Proposed Amendments for 35 Ill. Adm. Code 702. A comprehensive description is contained in the Board's opinion and order of June 2, 2011, proposing amendments in docket R11-2/R11-16, which opinion and order is available from the address below.

Specifically, the amendments to Part 728 implement segments of the federal technical corrections and clarifications of March 18, 2010 and the December 17, 2010 removal of saccharine and saccharine salts from the lists of hazardous wastes. The amendments include a number of non-substantive corrections and clarifications added by the Board. Among the corrections is the removal of obsolete provisions relating to the former federal Performance Track Program.

Tables appear in the Board's opinion and order of June 2, 2011 in docket R11-2/R11-16 that list numerous corrections and amendments that are not based on current federal amendments. The tables contain deviations from the literal text of the federal amendments underlying these amendments, as well as corrections and clarifications that the Board made in the base text involved. Persons interested in the details of those corrections and amendments should refer to the June 2, 2011 opinion and order in docket R11-2/R11-16.

Section 22.4 of the Environmental Protection Act [415 ILCS 5/22.4] provides that Section 5-35 of the Administrative Procedure Act [5 ILCS 100/5-35] does not apply to

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this rulemaking. Because this rulemaking is not subject to Section 5-35 of the APA, it is not subject to First Notice or to Second Notice review by the Joint Committee on Administrative Rules (JCAR).

- 6) Published studies or reports, and sources of underlying data, used to compose this rulemaking: None
- 7) Will this rulemaking replace any emergency rulemaking currently in effect? No
- 8) Does this rulemaking contain an automatic repeal date? No
- 9) Does this rulemaking contain incorporations by reference? No. The incorporations by reference for the purposes of all of 35 Ill. Adm. Code 702 through 705, 720 through 728, 730, 733, and 739 appear in 35 Ill. Adm. Code 720.111. Amendments to 35 Ill. Adm. Code 720.111 may affect documents incorporated by reference for the purposes of this Part 728.
- 11) Are there any other proposed rulemakings pending on this Part? No
- 10) Statement of statewide policy objectives: These proposed amendments do not create or enlarge a State mandate, as defined in Section 3(b) of the State Mandates Act [30 ILCS 805/3(b)].
- 12) Time, place and manner in which interested persons may comment on this proposed rulemaking: The Board will accept written public comment on this proposal for a period of 45 days after the date of this publication. Comments should reference docket R11-2/R11-16 and be addressed to:

John T. Therriault, Assistant Clerk
Illinois Pollution Control Board
State of Illinois Center, Suite 11-500
100 W. Randolph St.
Chicago, IL 60601

Please direct inquiries to the following person and reference docket R11-2/R11-16:

Michael J. McCambridge
Staff Attorney
Illinois Pollution Control Board

POLLUTION CONTROL BOARD

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100 W. Randolph 11-500
Chicago, IL 60601

Phone: 312/814-6924
E-mail: mccambm@ipcb.state.il.us

Request copies of the Board's opinion and order at 312/814-3620, or download a copy from the Board's Website at <http://www.ipcb.state.il.us>.

- 13) Initial regulatory flexibility analysis:
- A) Types of small businesses, small municipalities, and not-for-profit corporations affected: This rulemaking may affect those small businesses, small municipalities, and not-for-profit corporations that generate, transport, treat, store, or dispose of hazardous waste.
 - B) Reporting, bookkeeping or other procedures required for compliance: The existing rules and proposed amendments require extensive reporting, bookkeeping and other procedures, including the preparation of manifests and annual reports, waste analyses and maintenance of operating records.
 - C) Types of professional skills necessary for compliance: Compliance with the existing rules and proposed amendments may require the services of an attorney, certified public accountant, chemist, and registered professional engineer.
- 14) Regulatory agenda on which this rulemaking was summarized: July 2010 and December 2010

The full text of the Proposed Amendments begins on the next page:

TITLE 35: ENVIRONMENTAL PROTECTION
SUBTITLE G: WASTE DISPOSAL
CHAPTER I: POLLUTION CONTROL BOARD
SUBCHAPTER c: HAZARDOUS WASTE OPERATING REQUIREMENTS

PART 728
LAND DISPOSAL RESTRICTIONS

SUBPART A: GENERAL

Section

- 728.101 Purpose, Scope, and Applicability
- 728.102 Definitions
- 728.103 Dilution Prohibited as a Substitute for Treatment
- 728.104 Treatment Surface Impoundment Exemption
- 728.105 Procedures for Case-by-Case Extensions to an Effective Date
- 728.106 Petitions to Allow Land Disposal of a Waste Prohibited Pursuant to Subpart C
- 728.107 Testing, Tracking, and Recordkeeping Requirements for Generators, Treaters, and Disposal Facilities
- 728.108 Landfill and Surface Impoundment Disposal Restrictions (Repealed)
- 728.109 Special Rules for Characteristic Wastes

SUBPART B: SCHEDULE FOR LAND DISPOSAL PROHIBITION AND ESTABLISHMENT OF TREATMENT STANDARDS

Section

- 728.110 First Third (Repealed)
- 728.111 Second Third (Repealed)
- 728.112 Third Third (Repealed)
- 728.113 Newly Listed Wastes
- 728.114 Surface Impoundment Exemptions

SUBPART C: PROHIBITION ON LAND DISPOSAL

Section

- 728.120 Waste-Specific Prohibitions: Dyes and Pigments Production Wastes
- 728.130 Waste-Specific Prohibitions: Wood Preserving Wastes
- 728.131 Waste-Specific Prohibitions: Dioxin-Containing Wastes
- 728.132 Waste-Specific Prohibitions: Soils Exhibiting the Toxicity Characteristic for Metals and Containing PCBs
- 728.133 Waste-Specific Prohibitions: Chlorinated Aliphatic Wastes
- 728.134 Waste-Specific Prohibitions: Toxicity Characteristic Metal Wastes
- 728.135 Waste-Specific Prohibitions: Petroleum Refining Wastes
- 728.136 Waste-Specific Prohibitions: Inorganic Chemical Wastes
- 728.137 Waste-Specific Prohibitions: Ignitable and Corrosive Characteristic Wastes Whose Treatment Standards Were Vacated
- 728.138 Waste-Specific Prohibitions: Newly-Identified Organic Toxicity Characteristic Wastes and Newly-Listed Coke By-Product and Chlorotoluene Production Wastes
- 728.139 Waste-Specific Prohibitions: Spent Aluminum Potliners and Carbamate Wastes

SUBPART D: TREATMENT STANDARDS

Section

- 728.140 Applicability of Treatment Standards

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728.141 Treatment Standards Expressed as Concentrations in Waste Extract
728.142 Treatment Standards Expressed as Specified Technologies
728.143 Treatment Standards Expressed as Waste Concentrations
728.144 Adjustment of Treatment Standard
728.145 Treatment Standards for Hazardous Debris
728.146 Alternative Treatment Standards Based on HTMR
728.148 Universal Treatment Standards
728.149 Alternative LDR Treatment Standards for Contaminated Soil

SUBPART E: PROHIBITIONS ON STORAGE

Section

728.150 Prohibitions on Storage of Restricted Wastes

728.APPENDIX A Toxicity Characteristic Leaching Procedure (TCLP) (Repealed)
728.APPENDIX B Treatment Standards (As concentrations in the Treatment Residual Extract) (Repealed)
728.APPENDIX C List of Halogenated Organic Compounds Regulated under Section 728.132
728.APPENDIX D Wastes Excluded from Lab Packs
728.APPENDIX E Organic Lab Packs (Repealed)
728.APPENDIX F Technologies to Achieve Deactivation of Characteristics
728.APPENDIX G Federal Effective Dates
728.APPENDIX H National Capacity LDR Variances for UIC Wastes
728.APPENDIX I EP Toxicity Test Method and Structural Integrity Test
728.APPENDIX J Recordkeeping, Notification, and Certification Requirements (Repealed)
728.APPENDIX K Metal-Bearing Wastes Prohibited from Dilution in a Combustion Unit According to Section 728.103(c)
728.TABLE A Constituent Concentrations in Waste Extract (CCWE)
728.TABLE B Constituent Concentrations in Wastes (CCW)
728.TABLE C Technology Codes and Description of Technology-Based Standards
728.TABLE D Technology-Based Standards by RCRA Waste Code
728.TABLE E Standards for Radioactive Mixed Waste
728.TABLE F Alternative Treatment Standards for Hazardous Debris
728.TABLE G Alternative Treatment Standards Based on HTMR
728.TABLE H Wastes Excluded from CCW Treatment Standards
728.TABLE I Generator Paperwork Requirements
728.TABLE T Treatment Standards for Hazardous Wastes
728.TABLE U Universal Treatment Standards (UTS)

AUTHORITY: Implementing Sections 7.2 and 22.4 and authorized by Section 27 of the Environmental Protection Act [415 ILCS 5/7.2, 22.4, and 27].

SOURCE: Adopted in R87-5 at 11 Ill. Reg. 19354, effective November 12, 1987; amended in R87-39 at 12 Ill. Reg. 13046, effective July 29, 1988; amended in R89-1 at 13 Ill. Reg. 18403, effective November 13, 1989; amended in R89-9 at 14 Ill. Reg. 6232, effective April 16, 1990; amended in R90-2 at 14 Ill. Reg. 14470, effective August 22, 1990; amended in R90-10 at 14 Ill. Reg. 16508, effective September 25, 1990; amended in R90-11 at 15 Ill. Reg. 9462, effective June 17, 1991; amended in R90-11 at 15 Ill. Reg. 11937, effective August 12, 1991; amendment withdrawn at 15 Ill. Reg. 14716, October 11, 1991; amended in R91-13 at 16 Ill. Reg. 9619, effective June 9, 1992; amended in R92-10 at 17 Ill. Reg. 5727, effective March 26, 1993; amended in R93-4 at 17 Ill. Reg. 20692, effective November 22, 1993; amended in R93-16 at 18 Ill. Reg. 6799, effective April 26, 1994; amended in R94-7 at 18 Ill. Reg. 12203, effective July 29, 1994; amended in R94-17 at 18 Ill. Reg. 17563, effective November 23, 1994;

amended in R95-6 at 19 Ill. Reg. 9660, effective June 27, 1995; amended in R95-20 at 20 Ill. Reg. 11100, effective August 1, 1996; amended in R96-10/R97-3/R97-5 at 22 Ill. Reg. 783, effective December 16, 1997; amended in R98-12 at 22 Ill. Reg. 7685, effective April 15, 1998; amended in R97-21/R98-3/R98-5 at 22 Ill. Reg. 17706, effective September 28, 1998; amended in R98-21/R99-2/R99-7 at 23 Ill. Reg. 1964, effective January 19, 1999; amended in R99-15 at 23 Ill. Reg. 9204, effective July 26, 1999; amended in R00-13 at 24 Ill. Reg. 9623, effective June 20, 2000; amended in R01-3 at 25 Ill. Reg. 1296, effective January 11, 2001; amended in R01-21/R01-23 at 25 Ill. Reg. 9181, effective July 9, 2001; amended in R02-1/R02-12/R02-17 at 26 Ill. Reg. 6687, effective April 22, 2002; amended in R03-18 at 27 Ill. Reg. 13045, effective July 17, 2003; amended in R05-8 at 29 Ill. Reg. 6049, effective April 13, 2005; amended in R06-5/R06-6/R06-7 at 30 Ill. Reg. 3800, effective February 23, 2006; amended in R06-16/R06-17/R06-18 at 31 Ill. Reg. 1254, effective December 20, 2006; amended in R07-5/R07-14 at 32 Ill. Reg. 12840, effective July 14, 2008; amended in R09-3 at 33 Ill. Reg. 1186, effective December 30, 2008; amended in R11-2/R11-16 at 35 Ill. Reg. _____, effective _____.

Section 728. ~~Appendix~~ APPENDIX C List of Halogenated Organic Compounds Regulated under Section 728.132

In determining the concentration of halogenated organic compounds (HOCs) in a hazardous waste for purposes of the Section 728.132 land disposal prohibition, USEPA has defined the HOCs that must be included in a calculation as any compounds having a carbon-halogen bond that are listed in this Appendix (see Section 728.102). This Appendix C to Part 728 consists of the following compounds:

I. Volatiles

1. Bromodichloromethane
2. Bromomethane
3. Carbon Tetrachloride
4. Chlorobenzene
5. 2-Chloro-1,3-butadiene
6. Chlorodibromomethane
7. Chloroethane
8. 2-Chloroethyl vinyl ether
9. Chloroform
10. Chloromethane
11. 3-Chloropropene
12. 1,2-Dibromo-3-chloropropane
13. 1,2-Dibromomethane
14. Dibromomethane

15. ~~Trans-1,4-Dichloro-2-butene~~

15. Trans-1,4-Dichloro-2-butene

16. Dichlorodifluoromethane

17. 1,1-Dichloroethane

18. 1,2-Dichloroethane

19. 1,1-Dichloroethylene

20. Trans-1,2-Dichloroethene

21. 1,2-Dichloropropane

22. Trans-1,3-Dichloropropene

23. cis-1,3-Dichloropropene

24. Iodomethane

25. Methylene chloride

26. 1,1,1,2-Tetrachloroethane

27. 1,1,2,2-Tetrachloroethane

28. Tetrachloroethene

29. Tribromomethane

30. 1,1,1-Trichloroethane

31. 1,1,2-Trichloroethane

32. Trichloroethene

33. Trichloromonofluoromethane

34. 1,2,3-Trichloropropane

35. Vinyl Chloride

II. Semivolatiles

1. Bis(2-chloroethoxy)ethane

2. Bis(2-chloroethyl)ether

3. Bis(2-chloroisopropyl)ether

4. p-Chloroaniline

5. Chlorobenzilate

6. p-Chloro-m-cresol

7. 2-Chloronaphthalene
 8. 2-Chlorophenol
 9. 3-Chloropropionitrile
 10. m-Dichlorobenzene
 11. o-Dichlorobenzene
 12. p-Dichlorobenzene
 13. 3,3'-Dichlorobenzidine
 14. 2,4-Dichlorophenol
 15. 2,6-Dichlorophenol
 16. Hexachlorobenzene
 17. Hexachlorobutadiene
 18. Hexachlorocyclopentadiene
 19. Hexachloroethane
 20. Hexachlorophene
 21. Hexachloropropene
 22. 4,4'-Methylenebis(2-chloroaniline)
 23. Pentachlorobenzene
 24. Pentachloroethane
 25. Pentachloronitrobenzene
 26. Pentachlorophenol
 27. Pronamide
 28. 1,2,4,5-Tetrachlorobenzene
 29. 2,3,4,6-Tetrachlorophenol
 30. 1,2,4-Trichlorobenzene
 31. 2,4,5-Trichlorophenol
 32. 2,4,6-Trichlorophenol
 33. Tris(2,3-dibromopropyl)phosphate
- III. Organochlorine Pesticides

1. Aldrin
2. alpha-BHC
3. beta-BHC
4. delta-BHC
5. gamma-BHC
6. Chlorodane
7. DDD
8. DDE
9. DDT
10. Dieldrin
11. Endosulfan I
12. Endosulfan II
13. Endrin
14. Endrin aldehyde
15. Heptachlor
16. Heptachlor epoxide
17. Isodrin
18. Kepone
19. Methoxychlor
20. Toxaphene

IV. Phenoxyacetic Acid Herbicides

1. 2,4-Dichlorophenoxyacetic acid
2. Silvex
3. 2,4,5-T

V. PCBs

1. Aroclor 1016
2. Aroclor 1221
3. Aroclor 1232
4. Aroclor 1242

5. Aroclor 1248
6. Aroclor 1254
7. Aroclor 1260
8. PCBs not otherwise specified

VI. Dioxins and Furans

1. Hexachlorodibenzo-p-dioxins
2. Hexachlorodibenzofuran
3. Pentachlorodibenzo-p-dioxins
4. Pentachlorodibenzofuran
5. Tetrachlorodibenzo-p-dioxins
6. Tetrachlorodibenzofuran
7. 2,3,7,8-Tetrachlorodibenzo-p-dioxin

BOARD NOTE: Derived from appendix III to 40 CFR 268 (~~2005~~-(2010)).

(Source: Amended at 35 Ill. Reg. _____, effective _____)

Section 728. ~~Appendix~~ APPENDIX G Federal Effective Dates

The following are the effective dates for the USEPA rules in 40 CFR 268. These generally became effective as Illinois rules at a later date.

TABLE 1 EFFECTIVE DATES OF SURFACE DISPOSED WASTES (NON-SOIL ~~AND DEBRIS~~ AND DEBRIS) REGULATED IN THE LDRSa - COMPREHENSIVE ~~LIST~~ Waste ~~LIST~~ Waste codeWaste categoryEffective dateD001cAll (except High TOC Ignitable Liquids)August 9, 1993D001High TOC Ignitable LiquidsAugust 8, 1990D002cAllAugust 9, 1993D003eNewly identified surface-disposed elemental phosphorus processing wastesMay 26, 2000D004Newly identified D004 and mineral processing wastesAugust 24, 1998D004Mixed radioactive/newly identified D004 or mineral processing wastesMay 26, 2000D005Newly identified D005 and mineral processing wastesAugust 24, 1998D005Mixed radioactive/newly identified D005 or mineral processing wastesMay 26, 2000D006Newly identified D006 and mineral processing wastesAugust 24, 1998D006Mixed radioactive/newly identified D006 or mineral processing wastesMay 26, 2000D007Newly identified D007 and mineral processing wastesAugust 24, 1998D007Mixed radioactive/newly identified D007 or mineral processing wastesMay 26, 2000D008Newly identified D008 and mineral processing wasteAugust 24, 1998D008Mixed radioactive/newly identified D008 or mineral processing wastesMay 26, 2000D009Newly identified D009 and mineral processing wasteAugust 24, 1998D009Mixed radioactive/newly identified D009 or mineral processing wastesMay 26, 2000D010Newly identified D010 and mineral processing wastesAugust 24, 1998D010Mixed radioactive/newly identified D010 or mineral processing wastesMay 26, 2000D011Newly identified D011 and mineral processing wastesAugust 24, 1998D011Mixed radioactive/newly identified D011or mineral processing wastesMay 26, 2000D012 (that exhibit the toxicity characteristic based on the TCLP)dAllDecember 14, 1994D013 (that exhibit the toxicity characteristic based

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1996K158Mixed with radioactive wastes April 8, 1998K158All others July 8,
1996K159Mixed with radioactive wastes April 8, 1998K159All others July 8,
1996K160Mixed with radioactive wastes April 8, 1998K160All others July 8,
1996K161Mixed with radioactive wastes April 8, 1998K161All others July 8,
1996K169All February 8, 1999K170All February 8, 1999K171All February 8,
1999K172All February 8, 1999K174All May 7, 2001K175All May 7, 2001K176All May 20,
2002K177All May 20, 2002K178All May 20, 2002K181All August 23, 2005P001All August 8,
1990P002All August 8, 1990P003All August 8, 1990P004All August 8, 1990P005All August
8, 1990P006All August 8, 1990P007All August 8, 1990P008All August 8,
1990P009All August 8, 1990P010Wastewater August 8, 1990P010Nonwastewater May 8,
1992P011Wastewater August 8, 1990P011Nonwastewater May 8, 1992P012Wastewater August
8, 1990P012Nonwastewater May 8, 1992P013 (barium) Nonwastewater August 8,
1990P013All others June 8, 1989P014All August 8, 1990P015All August 8,
1990P016All August 8, 1990P017All August 8, 1990P018All August 8, 1990P020All August
8, 1990P021All June 8, 1989P022All August 8, 1990P023All August 8,
1990P024All August 8, 1990P026All August 8, 1990P027All August 8, 1990P028All August
8, 1990P029All June 8, 1989P030All June 8, 1989P031All August 8, 1990P033All August
8, 1990P034All August 8, 1990P036Wastewater August 8, 1990P036Nonwastewater May 8,
1992P037All August 8, 1990P038Wastewater August 8, 1990P038Nonwastewater May 8,
1992P039All June 8, 1989P040All June 8, 1989P041All June 8, 1989P042All August 8,
1990P043All June 8, 1989P044All June 8, 1989P045All August 8, 1990P046All August 8,
1990P047All August 8, 1990P048All August 8, 1990P049All August 8, 1990P050All August
8, 1990P051All August 8, 1990P054All August 8, 1990P056All August 8,
1990P057All August 8, 1990P058All August 8, 1990P059All August 8, 1990P060All August
8, 1990P062All June 8, 1989P063All June 8, 1989P064All August 8,
1990P065Wastewater August 8, 1990P065Nonwastewater May 8, 1992P066All August 8,
1990P067All August 8, 1990P068All August 8, 1990P069All August 8, 1990P070All August
8, 1990P071All June 8, 1989P072All August 8, 1990P073All August 8, 1990P074All June
8, 1989P075All August 8, 1990P076All August 8, 1990P077All August 8,
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8, 1990P085All June 8, 1989P087All May 8, 1992P088All August 8, 1990P089All June 8,
1989P092Wastewater August 8, 1990P092Nonwastewater May 8, 1992P093All August 8,

1990P094AllJune 8, 1989P095AllAugust 8, 1990P096AllAugust 8, 1990P097AllJune 8, 1989P098AllJune 8, 1989P099 (silver)WastewaterAugust 8, 1990P099All othersJune 8, 1989P101AllAugust 8, 1990P102AllAugust 8, 1990P103AllAugust 8, 1990P104 (silver)WastewaterAugust 8, 1990P104All othersJune 8, 1989P105AllAugust 8, 1990P106AllJune 8, 1989P108AllAugust 8, 1990P109AllJune 8, 1989P110AllAugust 8, 1990P111AllJune 8, 1989P112AllAugust 8, 1990P113AllAugust 8, 1990P114AllAugust 8, 1990P115AllAugust 8, 1990P116AllAugust 8, 1990P118AllAugust 8, 1990P119AllAugust 8, 1990P120AllAugust 8, 1990P121AllJune 8, 1989P122AllAugust 8, 1990P123AllAugust 8, 1990P127Mixed with radioactive wastesApril 8, 1998P127All othersJuly 8, 1996P128Mixed with radioactive wastesApril 8, 1998P128All othersJuly 8, 1996P185Mixed with radioactive wastesApril 8, 1998P185All othersJuly 8, 1996P188Mixed with radioactive wastesApril 8, 1998P188All othersJuly 8, 1996P189Mixed with radioactive wastesApril 8, 1998P189All othersJuly 8, 1996P190Mixed with radioactive wastesApril 8, 1998P190All othersJuly 8, 1996P191Mixed with radioactive wastesApril 8, 1998P191All othersJuly 8, 1996P192Mixed with radioactive wastesApril 8, 1998P192All othersJuly 8, 1996P194Mixed with radioactive wastesApril 8, 1998P194All othersJuly 8, 1996P196Mixed with radioactive wastesApril 8, 1998P196All othersJuly 8, 1996P197Mixed with radioactive wastesApril 8, 1998P197All othersJuly 8, 1996P198Mixed with radioactive wastesApril 8, 1998P198All othersJuly 8, 1996P199Mixed with radioactive wastesApril 8, 1998P199All othersJuly 8, 1996P201Mixed with radioactive wastesApril 8, 1998P201All othersJuly 8, 1996P202Mixed with radioactive wastesApril 8, 1998P202All othersJuly 8, 1996P203Mixed with radioactive wastesApril 8, 1998P203All othersJuly 8, 1996P204Mixed with radioactive wastesApril 8, 1998P204All othersJuly 8, 1996P205Mixed with radioactive wastesApril 8, 1998P205All othersJuly 8, 1996U001AllAugust 8, 1990U002AllAugust 8, 1990U003AllAugust 8, 1990U004AllAugust 8, 1990U005AllAugust 8, 1990U006AllAugust 8, 1990U007AllAugust 8, 1990U008AllAugust 8, 1990U009AllAugust 8, 1990U010AllAugust 8, 1990U011AllAugust 8, 1990U012AllAugust 8, 1990U014AllAugust 8, 1990U015AllAugust 8, 1990U016AllAugust 8, 1990U017AllAugust 8, 1990U018AllAugust 8, 1990U019AllAugust 8, 1990U020AllAugust 8, 1990U021AllAugust 8, 1990U022AllAugust 8, 1990U023AllAugust 8, 1990U024AllAugust 8, 1990U025AllAugust 8, 1990U026AllAugust 8, 1990U027AllAugust 8, 1990U028AllJune 8, 1989U029AllAugust 8, 1990U030AllAugust 8, 1990U031AllAugust 8, 1990U032AllAugust 8, 1990U033AllAugust 8, 1990U034AllAugust 8, 1990U035AllAugust 8, 1990U036AllAugust 8, 1990U037AllAugust 8, 1990U038AllAugust 8, 1990U039AllAugust 8, 1990U041AllAugust 8, 1990U042AllAugust 8, 1990U043AllAugust 8, 1990U044AllAugust 8, 1990U045AllAugust 8, 1990U046AllAugust 8, 1990U047AllAugust 8, 1990U048AllAugust 8, 1990U049AllAugust 8, 1990U050AllAugust 8, 1990U051AllAugust 8, 1990U052AllAugust 8, 1990U053AllAugust 8, 1990U055AllAugust 8, 1990U056AllAugust 8, 1990U057AllAugust 8, 1990U058AllJune 8, 1989U059AllAugust 8, 1990U060AllAugust 8, 1990U061AllAugust 8, 1990U062AllAugust 8, 1990U063AllAugust 8, 1990U064AllAugust 8, 1990U066AllAugust 8, 1990U067AllAugust 8, 1990U068AllAugust 8, 1990U069AllJune 30, 1992U070AllAugust 8, 1990U071AllAugust 8, 1990U072AllAugust 8, 1990U073AllAugust 8, 1990U074AllAugust 8, 1990U075AllAugust 8, 1990U076AllAugust 8, 1990U077AllAugust 8, 1990U078AllAugust 8, 1990U079AllAugust 8, 1990U080AllAugust 8, 1990U081AllAugust 8, 1990U082AllAugust 8, 1990U083AllAugust 8, 1990U084AllAugust 8, 1990U085AllAugust 8, 1990U086AllAugust 8, 1990U087AllJune 8, 1989U088AllJune 8, 1989U089AllAugust 8, 1990U090AllAugust 8, 1990U091AllAugust 8, 1990U092AllAugust 8, 1990U093AllAugust 8, 1990U094AllAugust 8, 1990U095AllAugust 8, 1990U096AllAugust 8, 1990U097AllAugust 8, 1990U098AllAugust 8, 1990U099AllAugust 8, 1990U101AllAugust 8, 1990U102AllJune 8, 1989U103AllAugust 8, 1990U105AllAugust 8, 1990U106AllAugust 8, 1990U107AllJune 8, 1989U108AllAugust 8, 1990U109AllAugust 8, 1990U110AllAugust 8, 1990U111AllAugust 8, 1990U112AllAugust 8, 1990U113AllAugust 8,

1990U114AllAugust 8, 1990U115AllAugust 8, 1990U116AllAugust 8, 1990U117AllAugust 8, 1990U118AllAugust 8, 1990U119AllAugust 8, 1990U120AllAugust 8, 1990U121AllAugust 8, 1990U122AllAugust 8, 1990U123AllAugust 8, 1990U124AllAugust 8, 1990U125AllAugust 8, 1990U126AllAugust 8, 1990U127AllAugust 8, 1990U128AllAugust 8, 1990U129AllAugust 8, 1990U130AllAugust 8, 1990U131AllAugust 8, 1990U132AllAugust 8, 1990U133AllAugust 8, 1990U134AllAugust 8, 1990U135AllAugust 8, 1990U136WastewaterAugust 8, 1990U136NonwastewaterMay 8, 1992U137AllAugust 8, 1990U138AllAugust 8, 1990U140AllAugust 8, 1990U141AllAugust 8, 1990U142AllAugust 8, 1990U143AllAugust 8, 1990U144AllAugust 8, 1990U145AllAugust 8, 1990U146AllAugust 8, 1990U147AllAugust 8, 1990U148AllAugust 8, 1990U149AllAugust 8, 1990U150AllAugust 8, 1990U151WastewaterAugust 8, 1990U151NonwastewaterMay 8, 1992U152AllAugust 8, 1990U153AllAugust 8, 1990U154AllAugust 8, 1990U155AllAugust 8, 1990U156AllAugust 8, 1990U157AllAugust 8, 1990U158AllAugust 8, 1990U159AllAugust 8, 1990U160AllAugust 8, 1990U161AllAugust 8, 1990U162AllAugust 8, 1990U163AllAugust 8, 1990U164AllAugust 8, 1990U165AllAugust 8, 1990U166AllAugust 8, 1990U167AllAugust 8, 1990U168AllAugust 8, 1990U169AllAugust 8, 1990U170AllAugust 8, 1990U171AllAugust 8, 1990U172AllAugust 8, 1990U173AllAugust 8, 1990U174AllAugust 8, 1990U176AllAugust 8, 1990U177AllAugust 8, 1990U178AllAugust 8, 1990U179AllAugust 8, 1990U180AllAugust 8, 1990U181AllAugust 8, 1990U182AllAugust 8, 1990U183AllAugust 8, 1990U184AllAugust 8, 1990U185AllAugust 8, 1990U186AllAugust 8, 1990U187AllAugust 8, 1990U188AllAugust 8, 1990U189AllAugust 8, 1990U190AllJune 8, 1989U191AllAugust 8, 1990U192AllAugust 8, 1990U193AllAugust 8, 1990U194AllJune 8, 1989U196AllAugust 8, 1990U197AllAugust 8, 1990U200AllAugust 8, 1990U201AllAugust 8, 1990U202AllAugust 8, 1990U203AllAugust 8, 1990U204AllAugust 8, 1990U205AllAugust 8, 1990U206AllAugust 8, 1990U207AllAugust 8, 1990U208AllAugust 8, 1990U209AllAugust 8, 1990U210AllAugust 8, 1990U211AllAugust 8, 1990U213AllAugust 8, 1990U214AllAugust 8, 1990U215AllAugust 8, 1990U216AllAugust 8, 1990U217AllAugust 8, 1990U218AllAugust 8, 1990U219AllAugust 8, 1990U220AllAugust 8, 1990U221AllJune 8, 1989U222AllAugust 8, 1990U223AllJune 8, 1989U225AllAugust 8, 1990U226AllAugust 8, 1990U227AllAugust 8, 1990U228AllAugust 8, 1990U234AllAugust 8, 1990U235AllJune 8, 1989U236AllAugust 8, 1990U237AllAugust 8, 1990U238AllAugust 8, 1990U239AllAugust 8, 1990U240AllAugust 8, 1990U243AllAugust 8, 1990U244AllAugust 8, 1990U246AllAugust 8, 1990U247AllAugust 8, 1990U248AllAugust 8, 1990U249AllAugust 8, 1990U271Mixed with radioactive wastesApril 8, 1998U271All othersJuly 8, 1996U277Mixed with radioactive wastesApril 8, 1998U277All othersJuly 8, 1996U278Mixed with radioactive wastesApril 8, 1998U278All othersJuly 8, 1996U279Mixed with radioactive wastesApril 8, 1998U279All othersJuly 8, 1996U280Mixed with radioactive wastesApril 8, 1998U280All othersJuly 8, 1996U328Mixed with radioactive wastesJune 30, 1994U328All othersNovember 9, 1992U353Mixed with radioactive wastesJune 30, 1994U353All othersNovember 9, 1992U359Mixed with radioactive wastesJune 30, 1994U359All othersNovember 9, 1992U364Mixed with radioactive wastesApril 8, 1998U364All othersJuly 8, 1996U365Mixed with radioactive wastesApril 8, 1998U365All othersJuly 8, 1996U366Mixed with radioactive wastesApril 8, 1998U366All othersJuly 8, 1996U367Mixed with radioactive wastesApril 8, 1998U367All othersJuly 8, 1996U372Mixed with radioactive wastesApril 8, 1998U372All othersJuly 8, 1996U373Mixed with radioactive wastesApril 8, 1998U373All othersJuly 8, 1996U375Mixed with radioactive wastesApril 8, 1998U375All othersJuly 8, 1996U376Mixed with radioactive wastesApril 8, 1998U376All othersJuly 8, 1996U377Mixed with radioactive wastesApril 8, 1998U377All othersJuly 8, 1996U378Mixed with radioactive wastesApril 8, 1998U378All othersJuly 8, 1996U379Mixed with radioactive wastesApril 8, 1998U379All othersJuly 8, 1996U381Mixed with radioactive wastesApril 8, 1998U381All othersJuly 8, 1996U382Mixed with radioactive wastesApril 8, 1998U382All othersJuly 8, 1996U383Mixed with radioactive wastesApril 8,

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 1998U385All othersJuly 8, 1996U386Mixed with radioactive wastesApril 8,
 1998U386All othersJuly 8, 1996U387Mixed with radioactive wastesApril 8,
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 1998U393All othersJuly 8, 1996U394Mixed with radioactive wastesApril 8,
 1998U394All othersJuly 8, 1996U395Mixed with radioactive wastesApril 8,
 1998U395All othersJuly 8, 1996U396Mixed with radioactive wastesApril 8,
 1998U396All othersJuly 8, 1996U400Mixed with radioactive wastesApril 8,
 1998U400All othersJuly 8, 1996U401Mixed with radioactive wastesApril 8,
 1998U401All othersJuly 8, 1996U402Mixed with radioactive wastesApril 8,
 1998U402All othersJuly 8, 1996U403Mixed with radioactive wastesApril 8,
 1998U403All othersJuly 8, 1996U404Mixed with radioactive wastesApril 8,
 1998U404All othersJuly 8, 1996U407Mixed with radioactive wastesApril 8,
 1998U407All othersJuly 8, 1996U409Mixed with radioactive wastesApril 8,
 1998U409All othersJuly 8, 1996U410Mixed with radioactive wastesApril 8,
 1998U410All othersJuly 8, 1996U411Mixed with radioactive wastesApril 8,
 1998U411All othersJuly 8, 1996

a This table also does not include contaminated soil and debris wastes.

b The standard was revised in the Third Third Final Rule (adopted by USEPA at 55 Fed. Reg. 22520 (June 1, 1990), which the Board adopted in docket R90-11 at 15 Ill. Reg. 9462, effective June 17, 1991.

c USEPA amended the standard in the Third Third Emergency Rule (at 58 Fed. Reg. 29860 (May 24, 1993), which the Board adopted in docket R93-16 at 18 Ill. Reg. 6799, effective April 26, 1994); the original effective date was August 8, 1990.

d The standard was revised in the Phase II Final Rule (that USEPA adopted at 59 Fed. Reg. 47982 (September 19, 1994), which the Board adopted in docket R95-6 at 19 Ill. Reg. 9660, effective June 27, 1995); the original effective date was August 8, 1990.

e The standards for selected reactive wastes was revised in the Phase III Final Rule (that USEPA adopted at 61 Fed. Reg. 15566 (April 8, 1996), which the Board adopted in docket R96-10/R97-3/R97-5 (consolidated) at 22 Ill. Reg. 783, effective December 16, 1997); the original effective date was August 8, 1990.

TABLE 2
 SUMMARY OF EFFECTIVE DATES OF LAND DISPOSAL RESTRICTIONS FOR CONTAMINATED SOIL AND DEBRIS (CSD)

Restricted hazardous waste in CSDeffective date1. Solvent- (F001-F005) and dioxin- (F020-F023 and F026-F028) containing soil and debris from CERCLA response or RCRA corrective actions.November 8, 19902. Soil and debris not from CERCLA response or RCRA corrective actions contaminated with less than one percent total solvents (F001-F005) or dioxins (F020-F023 and F026-F028).November 8, 19883. All soil and debris contaminated with First Third wastes for which treatment standards are based on incineration.August 8, 19904. All soil and debris contaminated with Second Third wastes for which treatment standards are based on incineration.June 8, 19915. All soil and debris contaminated with Third Third wastes or, First or Second Third "soft hammer" wastes that had

treatment standards promulgated in the Third Third rule, for which treatment standards are based on incineration, vitrification, or mercury retorting, acid leaching followed by chemical precipitation, or thermal recovery of metals, as well as all inorganic solids debris contaminated with D004-D011 wastes, and all soil and debris contaminated with mixed RCRA/radioactive wastes. May 8, 19926. Soil and debris contaminated with D012-D043, K141-K145, and K147-151 wastes. December 19, 19947. Debris (only) contaminated with F037, F038, K107-K112, K117, K118, K123-K126, K131, K132, K136, U328, U353, U359. December 19, 19948. Soil and debris contaminated with K156- K161, P127, P128, P188-P192, P194, P196- P199, P201-P205, U271, U277-U280, U364-U367, U372, U373, U375-U379, U381-U387, U389-U396, U400-U404, U407, and U409-U411 wastes. July 8, 19969. Soil and debris contaminated with K088 wastes. October 8, 199710. Soil and debris contaminated with radioactive wastes mixed with K088, K156-K161, P127, P128, P188-P192, P194, P196-P199, P201-P205, U271, U277-U280, U364-U367, U372, U373, U375-U379, U381-U387, U389-U396, U400-U404, U407, and U409-U411 wastes. April 8, 199811. Soil and debris contaminated with F032, F034, and F035. May 12, 199712. Soil and debris contaminated with newly identified D004-D011 toxicity characteristic wastes and mineral processing wastes. August 24, 199813. Soil and debris contaminated with mixed radioactive newly identified D011 characteristic wastes and mineral processing wastes. May 26, 2000

BOARD NOTE: These tables are provided for the convenience of the reader.

(Source: Amended at 35 Ill. Reg. _____, effective _____)

Section 728. ~~Table~~ TABLE T Treatment Standards for Hazardous Wastes

Note: The treatment standards that heretofore appeared in tables in Sections 728.141, 728.142, and 728.143 have been consolidated into this table.

Waste Code

Waste Description and Treatment or Regulatory Subcategory¹

Regulated Hazardous Constituent Wastewaters Nonwastewaters Common Name CAS²
 Number Concentration³ in mg/l; or Technology Code⁴ Concentration⁵ in mg/kg unless
 noted as " mg/l TCLP"; or Technology Code⁴
 D0019

Ignitable Characteristic Wastes, except for the 35 Ill. Adm. Code 721.121(a)(1)
 High TOC Subcategory.

NANADEACT and meet Section 728.148 standards⁸; or RORGS; or CMBSTDEACT and meet
 Section 728.148 standards⁸; or RORGS; or CMBST
 D0019

High TOC Ignitable Characteristic Liquids Subcategory based on 35 Ill. Adm. Code
 721.121(a)(1) - Greater than or equal to 10 percent total organic carbon.

(Note: This subcategory consists of nonwastewaters only.)

NANANARORGS; CMBST; or POLYM
 D0029

Corrosive Characteristic Wastes.

NANADEACT and meet Section 728.148 standards⁸DEACT and meet Section 728.148
 standards⁸

D002, D004, D005, D006, D007, D008, D009, D010, D011

Radioactive high level wastes generated during the reprocessing of fuel rods.

(Note: This subcategory consists of nonwastewaters only.)

Corrosivity (pH) NANAHLVIT Arsenic 7440-38-2 NAHLVIT Barium 7440-39-3 NAHLVIT Cadmium 7440-43-9 NAHLVIT Chromium (Total) 7440-47-3 NAHLVIT Lead 7439-92-1 NAHLVIT Mercury 7439-97-6 NAHLVIT Selenium 7782-49-2 NAHLVIT Silver 7440-22-4 NAHLVIT
D0039

Reactive Sulfides Subcategory based on 35 Ill. Adm. Code 721.123(a)(5).

NANA DEACT DEACT
D0039

Explosive subcategory based on 35 Ill. Adm. Code 721.123(a)(6), (a)(7), and (a)(8).

NANA DEACT and meet Section 728.148 standards 8 DEACT and meet Section 728.148 standards 8
D0039

Unexploded ordnance and other explosive devices that have been the subject of an emergency response.

NANA DEACT DEACT
D0039

Other Reactives Subcategory based on 35 Ill. Adm. Code 721.123(a)(1).

NANA DEACT and meet Section 728.148 standards 8 DEACT and meet Section 728.148 standards 8
D0039

Water Reactive Subcategory based on 35 Ill. Adm. Code 721.123(a)(2), (a)(3), and (a)(4).

(Note: This subcategory consists of nonwastewaters only.)

NANA NANA DEACT and meet Section 728.148 standards 8
D0039

Reactive Cyanides Subcategory based on 35 Ill. Adm. Code 721.123(a)(5).

Cyanides (Total) 757-12-5-590 Cyanides (Amenable) 757-12-50.8630
D0049

Wastes that exhibit, or are expected to exhibit, the characteristic of toxicity for arsenic based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Arsenic 7440-38-21.4 and meet Section 728.148 standards 8 5.0 mg/l TCLP and meet Section 728.148 standards 8
D0059

Wastes that exhibit, or are expected to exhibit, the characteristic of toxicity for barium based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Barium 7440-39-31.2 and meet Section 728.148 standards 821 mg/l TCLP and meet Section 728.148 standards 8
D0069

Wastes that exhibit, or are expected to exhibit, the characteristic of toxicity for cadmium based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Cadmium 7440-43-90.69 and meet Section 728.148 standards 80.11 mg/l TCLP and meet Section 728.148 standards 8
D0069

Cadmium-Containing Batteries Subcategory.

(Note: This subcategory consists of nonwastewaters only.)

Cadmium 7440-43-9N ARTHRM
D0069

Radioactively contaminated cadmium-containing batteries.

(Note: This subcategory consists of nonwastewaters only.)

Cadmium 7440-43-9N Macroencapsulation in accordance with Section 728.145
D0079

Wastes that exhibit, or are expected to exhibit, the characteristic of toxicity for chromium based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Chromium (Total) 7440-47-32.77 and meet Section 728.148 standards 80.60 mg/l TCLP and meet Section 728.148 standards 8
D0089

Wastes that exhibit, or are expected to exhibit, the characteristic of toxicity for lead based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Lead 7439-92-10.69 and meet Section 728.148 standards 80.75 mg/l TCLP and meet Section 728.148 standards 8
D0089

Lead Acid Batteries Subcategory

(Note: This standard only applies to lead acid batteries that are identified as RCRA hazardous wastes and that are not excluded elsewhere from regulation under the land disposal restrictions of this Part or exempted under other regulations (see 35 Ill. Adm. Code 726.180). This subcategory consists of nonwastewaters only.)

Lead7439-92-1NARLEAD
D0089

Radioactive Lead Solids Subcategory

(Note: These lead solids include, but are not limited to, all forms of lead shielding and other elemental forms of lead. These lead solids do not include treatment residuals such as hydroxide sludges, other wastewater treatment residuals, or incinerator ashes that can undergo conventional pozzolanic stabilization, nor do they include organo-lead materials that can be incinerated and stabilized as ash. This subcategory consists of nonwastewaters only.)

Lead7439-92-1NAMACRO
D0099

Nonwastewaters that exhibit, or are expected to exhibit, the characteristic of toxicity for mercury based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a); and contain greater than or equal to 260 mg/kg total mercury that also contain organics and are not incinerator residues. (High Mercury-Organic Subcategory)

Mercury7439-97-6NAIMERC; or RMERC
D0099

Nonwastewaters that exhibit, or are expected to exhibit, the characteristic of toxicity for mercury based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a); and contain greater than or equal to 260 mg/kg total mercury that are inorganic, including incinerator residues and residues from RMERC. (High Mercury-Inorganic Subcategory)

Mercury7439-97-6NARMERC
D0099

Nonwastewaters that exhibit, or are expected to exhibit, the characteristic of toxicity for mercury based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a); and contain less than 260 mg/kg total mercury. (Low Mercury Subcategory)

Mercury7439-97-6NA0.20 mg/l TCLP and meet Section 728.148 standards8
D0099

All other nonwastewaters that exhibit, or are expected to exhibit, the characteristic of toxicity for mercury based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846,

incorporated by reference in 35 Ill. Adm. Code 720.111(a); and contain less than 260 mg/kg total mercury and that are not residues from RMERC. (Low Mercury Subcategory)

Mercury7439-97-6NA0.025 mg/l TCLP and meet Section 728.148 standards8
D0099

All D009 wastewaters.

Mercury7439-97-60.15 and meet Section 728.148 standards8NA
D0099

Elemental mercury contaminated with radioactive materials.

(Note: This subcategory consists of nonwastewaters only.)

Mercury7439-97-6NAAMLGM
D0099

Hydraulic oil contaminated with Mercury Radioactive Materials Subcategory.

(Note: This subcategory consists of nonwastewaters only.)

Mercury7439-97-6NAIMERC
D0099

Radioactively contaminated mercury-containing batteries.

(Note: This subcategory consists of nonwastewaters only.)

Mercury7439-97-6NAMacroencapsulation in accordance with Section 728.145
D0109

Wastes that exhibit, or are expected to exhibit, the characteristic of toxicity for selenium based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Selenium7782-49-20.825.7 mg/l TCLP and meet Section 728.148 standards8
D0119

Wastes that exhibit, or are expected to exhibit, the characteristic of toxicity for silver based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Silver7440-22-40.430.14 mg/l TCLP and meet Section 728.148 standards8
D0119

Radioactively contaminated silver-containing batteries.

(Note: This subcategory consists of nonwastewaters only.)

Silver7440-22-4NAMacroencapsulation in accordance with Section 728.145
D0129

Wastes that are TC for endrin based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Endrin72-20-8BIOGD; or CMBST0.13 and meet Section 728.148 standards8
aldehyde7421-93-4BIOGD; or CMBST0.13 and meet Section 728.148 standards8
D0139

Wastes that are TC for lindane based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

-BHC319-84-6CARBN; or CMBST0.066 and meet Section 728.148 standards8-BHC319-85-7CARBN; or CMBST0.066 and meet Section 728.148 standards8-BHC319-86-8CARBN; or CMBST0.066 and meet Section 728.148 standards8?-BHC (Lindane)58-89-9CARBN; or CMBST0.066 and meet Section 728.148 standards8
D0149

Wastes that are TC for methoxychlor based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Methoxychlor72-43-5WETOX or CMBST0.18 and meet Section 728.148 standards8
D0159

Wastes that are TC for toxaphene based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Toxaphene8001-35-2BIOGD or CMBST2.6 and meet Section 728.148 standards8
D0169

Wastes that are TC for 2,4-D (2,4-dichlorophenoxyacetic acid) based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

2,4-D (2,4-dichlorophenoxyacetic acid)94-75-7CHOXD; BIOGD; or CMBST10 and meet Section 728.148 standards8
D0179

Wastes that are TC for 2,4,5-TP (Silvex) based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

2,4,5-TP (Silvex)93-72-1CHOXD or CMBST7.9 and meet Section 728.148 standards8
D0189

Wastes that are TC for benzene based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste,

Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Benzene 71-43-20.14 and meet Section 728.148 standards 810 and meet Section 728.148 standards 8
D0199

Wastes that are TC for carbon tetrachloride based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Carbon tetrachloride 56-23-50.057 and meet Section 728.148 standards 86.0 and meet Section 728.148 standards 8
D0209

Wastes that are TC for chlordane based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Chlordane (and isomers) 57-74-90.0033 and meet Section 728.148 standards 80.26 and meet Section 728.148 standards 8
D0219

Wastes that are TC for chlorobenzene based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Chlorobenzene 108-90-70.057 and meet Section 728.148 standards 86.0 and meet Section 728.148 standards 8
D0229

Wastes that are TC for chloroform based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Chloroform 67-66-30.046 and meet Section 728.148 standards 86.0 and meet Section 728.148 standards 8
D0239

Wastes that are TC for o-cresol based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

o-Cresol 95-48-70.11 and meet Section 728.148 standards 85.6 and meet Section 728.148 standards 8
D0249

Wastes that are TC for m-cresol based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

m-Cresol

(difficult to distinguish from p-cresol)108-39-40.77 and meet Section 728.148 standards85.6 and meet Section 728.148 standards8 D0259

Wastes that are TC for p-cresol based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

p-Cresol

(difficult to distinguish from m-cresol)106-44-50.77 and meet Section 728.148 standards85.6 and meet Section 728.148 standards8 D0269

Wastes that are TC for cresols (total) based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Cresol-mixed isomers (Cresylic acid)

(sum of o-, m-, and p-cresol concentrations)1319-77-30.88 and meet Section 728.148 standards811.2 and meet Section 728.148 standards8 D0279

Wastes that are TC for p-dichlorobenzene based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

p-Dichlorobenzene (1,4-Dichlorobenzene)106-46-70.090 and meet Section 728.148 standards86.0 and meet Section 728.148 standards8 D0289

Wastes that are TC for 1,2-dichloroethane based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

1,2-Dichloroethane107-06-20.21 and meet Section 728.148 standards86.0 and meet Section 728.148 standards8 D0299

Wastes that are TC for 1,1-dichloroethylene based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

1,1-Dichloroethylene75-35-40.025 and meet Section 728.148 standards86.0 and meet Section 728.148 standards8 D0309

Wastes that are TC for 2,4-dinitrotoluene based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

2,4-Dinitrotoluene121-14-20.32 and meet Section 728.148 standards8140 and meet Section 728.148 standards8
D0319

Wastes that are TC for heptachlor based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Heptachlor76-44-80.0012 and meet Section 728.148 standards80.066 and meet Section 728.148 standards8Heptachlor epoxide1024-57-30.016 and meet Section 728.148 standards80.066 and meet Section 728.148 standards8
D0329

Wastes that are TC for hexachlorobenzene based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Hexachlorobenzene118-74-10.055 and meet Section 728.148 standards810 and meet Section 728.148 standards8
D0339

Wastes that are TC for hexachlorobutadiene based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Hexachlorobutadiene87-68-30.055 and meet Section 728.148 standards85.6 and meet Section 728.148 standards8
D0349

Wastes that are TC for hexachloroethane based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Hexachloroethane67-72-10.055 and meet Section 728.148 standards830 and meet Section 728.148 standards8
D0359

Wastes that are TC for methyl ethyl ketone based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Methyl ethyl ketone78-93-30.28 and meet Section 728.148 standards836 and meet Section 728.148 standards8
D0369

Wastes that are TC for nitrobenzene based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Nitrobenzene98-95-30.068 and meet Section 728.148 standards814 and meet Section 728.148 standards8

D0379

Wastes that are TC for pentachlorophenol based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Pentachlorophenol 87-86-50.089 and meet Section 728.148 standards 87.4 and meet Section 728.148 standards 8
D0389

Wastes that are TC for pyridine based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Pyridine 110-86-10.014 and meet Section 728.148 standards 816 and meet Section 728.148 standards 8
D0399

Wastes that are TC for tetrachloroethylene based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Tetrachloroethylene 127-18-40.056 and meet Section 728.148 standards 86.0 and meet Section 728.148 standards 8
D0409

Wastes that are TC for trichloroethylene based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Trichloroethylene 79-01-60.054 and meet Section 728.148 standards 86.0 and meet Section 728.148 standards 8
D0419

Wastes that are TC for 2,4,5-trichlorophenol based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

2,4,5-Trichlorophenol 95-95-40.18 and meet Section 728.148 standards 87.4 and meet Section 728.148 standards 8
D0429

Wastes that are TC for 2,4,6-trichlorophenol based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

2,4,6-Trichlorophenol 88-06-20.035 and meet Section 728.148 standards 87.4 and meet Section 728.148 standards 8
D0439

Wastes that are TC for vinyl chloride based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Vinyl chloride 75-01-40.27 and meet Section 728.148 standards 86.0 and meet Section 728.148 standards 8
F001, F002, F003, F004 & F005

F001, F002, F003, F004, or F005 solvent wastes that contain any combination of one or more of the following spent solvents: acetone, benzene, n-butyl alcohol, carbon disulfide, carbon tetrachloride, chlorinated fluorocarbons, chlorobenzene, o-cresol, m-cresol, p-cresol, cyclohexanone, o-dichlorobenzene, 2-ethoxyethanol, ethyl acetate, ethyl benzene, ethyl ether, isobutyl alcohol, methanol, methylene chloride, methyl ethyl ketone, methyl isobutyl ketone, nitrobenzene, 2-nitropropane, pyridine, tetrachloroethylene, toluene, 1,1,1-trichloroethane, 1,1,2-trichloroethane, 1,1,2-trichloro-1,2,2-trifluoroethane, trichloroethylene, trichloromonofluoromethane, or xylenes (except as specifically noted in other subcategories). See further details of these listings in 35 Ill. Adm. Code 721.131.

Acetone 67-64-10.28160 Benzene 71-43-20.1410 n-Butyl alcohol 71-36-35.62.6 Carbon disulfide 75-15-03.8NA Carbon tetrachloride 56-23-50.0576.0 Chlorobenzene 108-90-70.0576.0o-Cresol 95-48-70.115.6m-Cresol (difficult to distinguish from p-cresol) 108-39-40.775.6p-Cresol (difficult to distinguish from m-cresol) 106-44-50.775.6 Cresol-mixed isomers (Cresylic acid) (sum of o-, m-, and p-cresol concentrations) 1319-77-30.8811.2 Cyclohexanone 108-94-10.36NAo-Dichlorobenzene 95-50-10.0886.0 Ethyl acetate 141-78-60.3433 Ethyl benzene 100-41-40.05710 Ethyl ether 60-29-70.12160 Isobutyl alcohol 78-83-15.6170 Methanol 67-56-15.6NAMethylene chloride 75-9-20.08930 Methyl ethyl ketone 78-93-30.2836 Methyl isobutyl ketone 108-10-10.1433 Nitrobenzene 98-95-30.06814 Pyridine 110-86-10.01416 Tetrachloroethylene 127-18-40.0566.0 Toluene 108-88-30.080101,1,1-Trichloroethane 71-55-60.0546.01,1,2-Trichloroethane 79-00-50.0546.01,1,2-Trichloro-1,2,2-trifluoroethane 76-13-10.05730 Trichloroethylene 79-01-60.0546.0 Trichloromonofluoromethane 75-69-40.02030 Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations) 1330-20-70.3230
F001, F002, F003, F004 & F005

F003 and F005 solvent wastes that contain any combination of one or more of the following three solvents as the only listed F001 through F005 solvents: carbon disulfide, cyclohexanone, or methanol. (Formerly Section 728.141(c)).

Carbon disulfide 75-15-03.84.8 mg/l TCLP Cyclohexanone 108-94-10.360.75 mg/l TCLP Methanol 67-56-15.60.75 mg/l TCLP
F001, F002, F003, F004 & F005

F005 solvent waste containing 2-Nitropropane as the only listed F001 through F005 solvent.

2-Nitropropane 79-46-9 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
F001, F002, F003, F004 & F005

F005 solvent waste containing 2-Ethoxyethanol as the only listed F001 through F005 solvent.

2-Ethoxyethanol 110-80-5 BIODG; or CMBSTCMBST

F006

Wastewater treatment sludges from electroplating operations except from the following processes: (1) Sulfuric acid anodizing of aluminum; (2) tin plating on carbon steel; (3) zinc plating (segregated basis) on carbon steel; (4) aluminum or zinc-aluminum plating on carbon steel; (5) cleaning or stripping associated with tin, zinc, and aluminum plating on carbon steel; and (6) chemical etching and milling of aluminum.

Cadmium7440-43-90.690.11 mg/l TCLPChromium (Total)7440-47-32.770.60 mg/l
TCLPCyanides (Total)757-12-51.2590Cyanides (Amenable)757-12-50.8630Lead7439-92-
10.690.75 mg/l TCLPNickel7440-02-03.9811 mg/l TCLPSilver7440-22-4NA0.14 mg/l
TCLP
F007

Spent cyanide plating bath solutions from electroplating operations.

Cadmium7440-43-9NA0.11 mg/l TCLPChromium (Total)7440-47-32.770.60 mg/l
TCLPCyanides (Total)757-12-51.2590Cyanides (Amenable)757-12-50.8630Lead7439-92-
10.690.75 mg/l TCLPNickel7440-02-03.9811 mg/l TCLPSilver7440-22-4NA0.14 mg/l
TCLP
F008

Plating bath residues from the bottom of plating baths from electroplating operations where cyanides are used in the process.

Cadmium7440-43-9NA0.11 mg/l TCLPChromium (Total)7440-47-32.770.60 mg/l
TCLPCyanides (Total)757-12-51.2590Cyanides (Amenable)757-12-50.8630Lead7439-92-
10.690.75 mg/l TCLPNickel7440-02-03.9811 mg/l TCLPSilver7440-22-4NA0.14 mg/l
TCLP
F009

Spent stripping and cleaning bath solutions from electroplating operations where cyanides are used in the process.

Cadmium7440-43-9NA0.11 mg/l TCLPChromium (Total)7440-47-32.770.60 mg/l
TCLPCyanides (Total)757-12-51.2590Cyanides (Amenable)757-12-50.8630Lead7439-92-
10.690.75 mg/l TCLPNickel7440-02-03.9811 mg/l TCLPSilver7440-22-4NA0.14 mg/l
TCLP
F010

Quenching bath residues from oil baths from metal heat-treating operations where cyanides are used in the process.

Cyanides (Total)757-12-51.2590Cyanides (Amenable)757-12-50.86NA
F011

Spent cyanide solutions from salt bath pot cleaning from metal heat-treating operations.

Cadmium7440-43-9NA0.11 mg/l TCLPChromium (Total)7440-47-32.770.60 mg/l
TCLPCyanides (Total)757-12-51.2590Cyanides (Amenable)757-12-50.8630Lead7439-92-
10.690.75 mg/l TCLPNickel7440-02-03.9811 mg/l TCLPSilver7440-22-4NA0.14 mg/l
TCLP
F012

Quenching wastewater treatment sludges from metal heat-treating operations where cyanides are used in the process.

Cadmium 7440-43-9 NA 0.11 mg/l TCLP Chromium (Total) 7440-47-32.770.60 mg/l
TCLP Cyanides (Total) 757-12-51.2590 Cyanides (Amenable) 757-12-50.8630 Lead 7439-92-
10.690.75 mg/l TCLP Nickel 7440-02-03.9811 mg/l TCLP Silver 7440-22-4 NA 0.14 mg/l
TCLP
F019

Wastewater treatment sludges from the chemical conversion coating of aluminum, except from zirconium phosphating in aluminum can washing when such phosphating is an exclusive conversion coating process.

Chromium (Total) 7440-47-32.770.60 mg/l TCLP Cyanides (Total) 757-12-
51.2590 Cyanides (Amenable) 757-12-50.8630
F020, F021, F022, F023, F026

Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of: (1) tri- or tetrachlorophenol, or of intermediates used to produce their pesticide derivatives, excluding wastes from the production of Hexachlorophene from highly purified 2,4,5-trichlorophenol (i.e., F020); (2) pentachlorophenol, or of intermediates used to produce its derivatives (i.e., F021); (3) tetra-, penta-, or hexachlorobenzenes under alkaline conditions (i.e., F022) and wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production of materials on equipment previously used for the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of: (1) tri- or tetrachlorophenols, excluding wastes from equipment used only for the production of Hexachlorophene from highly purified 2,4,5-trichlorophenol (F023) or (2) tetra-, penta-, or hexachlorobenzenes under alkaline conditions (i.e., F026).

HxCDDs (All Hexachlorodibenzo-p-dioxins) NA 0.0000630.001 HxCDFs (All Hexachlorodibenzofurans) 55684-94-10.0000630.001 PeCDDs (All Pentachlorodibenzo-p-dioxins) 36088-22-90.0000630.001 PeCDFs (All Pentachlorodibenzofurans) 30402-15-40.0000350.001 Pentachlorophenol 87-86-50.0897.4 TCDDs (All Tetrachlorodibenzo-p-dioxins) 41903-57-50.0000630.001 TCDFs (All Tetrachlorodibenzofurans) 55722-27-50.0000630.001 2,4,5-Trichlorophenol 95-95-40.187.4 2,4,6-Trichlorophenol 88-06-20.0357.4 2,3,4,6-Tetrachlorophenol 58-90-20.0307.4
F024

Process wastes, including but not limited to, distillation residues, heavy ends, tars, and reactor clean-out wastes, from the production of certain chlorinated aliphatic hydrocarbons by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution. (This listing does not include wastewaters, wastewater treatment sludges, spent catalysts, and wastes listed in 35 Ill. Adm. Code 721.131 or 721.132.)

All F024 wastes NA CMBST11 CMBST112-Chloro-1,3-butadiene 126-99-80.0570.283-Chloropropylene 107-05-10.03630 1,1-Dichloroethane 75-34-30.0596.01,2-Dichloroethane 107-06-20.216.01,2-Dichloropropane 78-87-50.8518 cis-1,3-Dichloropropylene 10061-01-50.03618 trans-1,3-Dichloropropylene 10061-02-60.03618 bis(2-Ethylhexyl) phthalate 117-81-70.2828 Hexachloroethane 67-72-10.05530 Chromium (Total) 7440-47-32.770.60 mg/l TCLP Nickel 7440-02-03.9811 mg/l
TCLP

F025

Condensed light ends from the production of certain chlorinated aliphatic hydrocarbons by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one up to and including five, with varying amounts and positions of chlorine substitution. F025 - Light Ends Subcategory.

Carbon tetrachloride56-23-50.0576.0Chloroform67-66-30.0466.01,2-Dichloroethane107-06-20.216.01,1-Dichloroethylene75-35-40.0256.0Methylene chloride75-9-20.089301,1,2-Trichloroethane79-00-50.0546.0Trichloroethylene79-01-60.0546.0Vinyl chloride75-01-40.276.0
F025

Spent filters and filter aids, and spent desiccant wastes from the production of certain chlorinated aliphatic hydrocarbons by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution. F025 - Spent Filters/Aids and Desiccants Subcategory.

Carbon tetrachloride56-23-50.0576.0Chloroform67-66-30.0466.0Hexachlorobenzene118-74-10.05510Hexachlorobutadiene87-68-30.0555.6Hexachloroethane67-72-10.05530Methylene chloride75-9-20.089301,1,2-Trichloroethane79-00-50.0546.0Trichloroethylene79-01-60.0546.0Vinyl chloride75-01-40.276.0
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.)

HxCDDs (All Hexachlorodibenzo-p-dioxins)NA0.0000630.001HxCDFs (All Hexachlorodibenzofurans)55684-94-10.0000630.001PeCDDs (All Pentachlorodibenzo-p-dioxins)36088-22-90.0000630.001PeCDFs (All Pentachlorodibenzofurans)30402-15-40.0000350.001Pentachlorophenol87-86-50.0897.4TCDDs (All Tetrachlorodibenzo-p-dioxins)41903-57-50.0000630.001TCDFs (All Tetrachlorodibenzofurans)55722-27-50.0000630.0012,4,5-Trichlorophenol95-95-40.187.42,4,6-Trichlorophenol88-06-20.0357.42,3,4,6-Tetrachlorophenol58-90-20.0307.4
F028

Residues resulting from the incineration or thermal treatment of soil contaminated with USEPA hazardous waste numbers F020, F021, F023, F026, and F027.

HxCDDs (All Hexachlorodibenzo-p-dioxins)NA0.0000630.001HxCDFs (All Hexachlorodibenzofurans)55684-94-10.0000630.001PeCDDs (All Pentachlorodibenzo-p-dioxins)36088-22-90.0000630.001PeCDFs (All Pentachlorodibenzofurans)30402-15-40.0000350.001Pentachlorophenol87-86-50.0897.4TCDDs (All Tetrachlorodibenzo-p-dioxins)41903-57-50.0000630.001TCDFs (All Tetrachlorodibenzofurans)55722-27-50.0000630.0012,4,5-Trichlorophenol95-95-40.187.42,4,6-Trichlorophenol88-06-20.0357.42,3,4,6-Tetrachlorophenol58-90-20.0307.4
F032

Wastewaters (except those that have not come into contact with process contaminants), process residuals, preservative drippage, and spent formulations

from wood preserving processes generated at plants that currently use or have previously used chlorophenolic formulations (except potentially cross-contaminated wastes that have had the F032 waste code deleted in accordance with 35 Ill. Adm. Code 721.135 or potentially cross-contaminated wastes that are otherwise currently regulated as hazardous wastes (i.e., F034 or F035), where the generator does not resume or initiate use of chlorophenolic formulations). This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote or pentachlorophenol.

Acenaphthene83-32-90.0593.4Anthracene120-12-70.0593.4Benz(a)anthracene56-55-30.0593.4Benzo(b)fluoranthene (difficult to distinguish from benzo(k)fluoranthene)205-99-20.116.8Benzo(k)fluoranthene (difficult to distinguish from benzo(b)fluoranthene)207-08-90.116.8Benzo(a)pyrene50-32-80.0613.4Chrysene218-01-90.0593.4Dibenz(a,h)anthracene53-70-30.0558.22-4-Dimethyl phenol105-67-90.03614Fluorene86-73-70.0593.4Hexachlorodibenzo-p-dioxinsNA0.000063 or CMBST110.001 or CMBST11HexachlorodibenzofuransNA0.000063 or CMBST110.001 or CMBST11Indeno (1,2,3-c,d) pyrene193-39-50.00553.4Naphthalene91-20-30.0595.6Pentachlorodibenzo-p-dioxinsNA0.000063 or CMBST110.001 or CMBST11PentachlorodibenzofuransNA0.000035 or CMBST110.001 or CMBST11Pentachlorophenol87-86-50.0897.4Phenanthrene85-01-80.0595.6Phenol108-95-20.0396.2Pyrene129-00-00.0678.2Tetrachlorodibenzo-p-dioxinsNA0.000063 or CMBST110.001 or CMBST11TetrachlorodibenzofuransNA0.000063 or CMBST110.001 or CMBST112,3,4,6-Tetrachlorophenol58-90-20.0307.42,4,6-Trichlorophenol88-06-20.0357.4Arsenic7440-38-21.45.0 mg/l TCLPChromium (Total)7440-47-32.770.60 mg/l TCLP
F034

Wastewaters (except those that have not come into contact with process contaminants), process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that use creosote formulations. This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote or pentachlorophenol.

Acenaphthene83-32-90.0593.4Anthracene120-12-70.0593.4Benz(a)anthracene56-55-30.0593.4Benzo(b)fluoranthene (difficult to distinguish from benzo(k)fluoranthene)205-99-20.116.8Benzo(k)fluoranthene (difficult to distinguish from benzo(b)fluoranthene)207-08-90.116.8Benzo(a)pyrene50-32-80.0613.4Chrysene218-01-90.0593.4Dibenz(a,h)anthracene53-70-30.0558.2Fluorene86-73-70.0593.4Indeno (1,2,3-c,d) pyrene193-39-50.00553.4Naphthalene91-20-30.0595.6Phenanthrene85-01-80.0595.6Pyrene129-00-00.0678.2Arsenic7440-38-21.45.0 mg/l TCLPChromium (Total)7440-47-32.770.60 mg/l TCLP
F035

Wastewaters (except those that have not come into contact with process contaminants), process residuals, preservative drippage, and spent formulations from wood preserving processes that are generated at plants that use inorganic preservatives containing arsenic or chromium. This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote or pentachlorophenol.

Arsenic7440-38-21.45.0 mg/l TCLPChromium (Total)7440-47-32.770.60 mg/l TCLP
F037

Petroleum refinery primary oil/water/solids separation sludge - any sludge generated from the gravitational separation of oil/water/solids during the

storage or treatment of process wastewaters and oily cooling wastewaters from petroleum refineries. Such sludges include, but are not limited to, those generated in: oil/water/solids separators; tanks, and impoundments; ditches, and other conveyances; sumps; and stormwater units receiving dry weather flow. Sludge generated in stormwater units that do not receive dry weather flow, sludges generated from non-contact once-through cooling waters segregated for treatment from other process or oily cooling waters, sludges generated in aggressive biological treatment units as defined in 35 Ill. Adm. Code 721.131(b)(2) (including sludges generated in one or more additional units after wastewaters have been treated in aggressive biological treatment units) and K051 wastes are not included in this listing.

Acenaphthene83-32-90.059NAAnthracene120-12-70.0593.4Benzene71-43-20.1410Benz(a)anthracene56-55-30.0593.4Benzo(a)pyrene50-32-80.0613.4bis(2-Ethylhexyl) phthalate117-81-70.2828Chrysene218-01-90.0593.4Di-n-butyl phthalate84-74-20.05728Ethylbenzene100-41-40.05710Fluorene86-73-70.059NANaphthalene91-20-30.0595.6Phenanthrene85-01-80.0595.6Phenol108-95-20.0396.2Pyrene129-00-00.0678.2Toluene108-88-30.08010Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations)1330-20-70.3230Chromium (Total)7440-47-32.770.60 mg/l TCLPCyanides (Total)757-12-51.2590Lead7439-92-10.69NANickel7440-02-0NA11 mg/l TCLP
F038

Petroleum refinery secondary (emulsified) oil/water/solids separation sludge or float generated from the physical or chemical separation of oil/water/solids in process wastewaters and oily cooling wastewaters from petroleum refineries. Such wastes include, but are not limited to, all sludges and floats generated in: induced air floatation (IAF) units, tanks, and impoundments, and all sludges generated in DAF units. Sludges generated in stormwater units that do not receive dry weather flow, sludges generated from non-contact once-through cooling waters segregated for treatment from other process or oily cooling waters, sludges, and floats generated in aggressive biological treatment units as defined in 35 Ill. Adm. Code 721.131(b)(2) (including sludges and floats generated in one or more additional units after wastewaters have been treated in aggressive biological units) and F037, K048, and K051 are not included in this listing.

Benzene71-43-20.1410Benzo(a)pyrene50-32-80.0613.4bis(2-Ethylhexyl) phthalate117-81-70.2828Chrysene218-01-90.0593.4Di-n-butyl phthalate84-74-20.05728Ethylbenzene100-41-40.05710Fluorene86-73-70.059NANaphthalene91-20-30.0595.6Phenanthrene85-01-80.0595.6Phenol108-95-20.0396.2Pyrene129-00-00.0678.2Toluene108-88-30.08010Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations)1330-20-70.3230Chromium (Total)7440-47-32.770.60 mg/l TCLPCyanides (Total)757-12-51.2590Lead7439-92-10.69NANickel7440-02-0NA11 mg/l TCLP
F039

Leachate (liquids that have percolated through land disposed wastes) resulting from the disposal of more than one restricted waste classified as hazardous under Subpart D of this Part. (Leachate resulting from the disposal of one or more of the following USEPA hazardous wastes and no other hazardous wastes retains its USEPA hazardous waste numbers: F020, F021, F022, F026, F027, or F028.)

Acenaphthylene208-96-80.0593.4Acenaphthene83-32-90.0593.4Acetone67-64-10.28160Acetonitrile75-05-85.6NAAcetophenone96-86-20.0109.72-Acetylamino fluorene53-96-30.059140Acrolein107-02-80.29NAAcrylonitrile107-13-

10.2484Aldrin309-00-20.0210.0664-Aminobiphenyl92-67-10.13NAAAniline62-53-30.8114o-Anisidine (2-methoxyaniline)90-04-00.0100.66Anthracene120-12-70.0593.4Aramitel40-57-80.36NA-BHC319-84-60.000140.066-BHC319-85-70.000140.066-BHC319-86-80.0230.066?-BHC58-89-90.00170.066Benzene71-43-20.1410Benz(a)anthracene56-55-30.0593.4Benzo(b)fluoranthene (difficult to distinguish from benzo(k)fluoranthene)205-99-20.116.8Benzo(k)fluoranthene (difficult to distinguish from benzo(b)fluoranthene)207-08-90.116.8Benzo(g,h,i)perylene191-24-20.00551.8Benzo(a)pyrene50-32-80.0613.4Bromodichloromethane75-27-40.3515Methyl bromide (Bromomethane)74-83-90.11154-Bromophenyl phenyl ether101-55-30.05515n-Butyl alcohol71-36-35.62.6Butyl benzyl phthalate85-68-70.017282-sec-Butyl-4,6-dinitrophenol (Dinoseb)88-85-70.0662.5Carbon disulfide75-15-03.8NACarbon tetrachloride56-23-50.0576.0Chlordane (and isomers)57-74-90.00330.26p-Chloroaniline106-47-80.4616Chlorobenzene108-90-70.0576.0Chlorobenzilate510-15-60.10NA2-Chloro-1,3-butadiene126-99-80.057NACHlorodibromomethane124-48-10.05715Chloroethane75-00-30.276.0bis(2-Chloroethoxy)methane111-91-10.0367.2bis(2-Chloroethyl)ether111-44-40.0336.0Chloroform67-66-30.0466.0bis(2-Chloroisopropyl)ether39638-32-90.0557.2p-Chloro-m-cresol59-50-70.01814Chloromethane (Methyl chloride)74-87-30.19302-Chloronaphthalene91-58-70.0555.62-Chlorophenol95-57-80.0445.73-Chloropropylene107-05-10.03630Chrysene218-01-90.0593.4p-Cresidine120-71-80.0100.66o-Cresol95-48-70.115.6m-Cresol (difficult to distinguish from p-cresol)108-39-40.775.6p-Cresol (difficult to distinguish from m-cresol)106-44-50.775.6Cyclohexanone108-94-10.36NA1,2-Dibromo-3-chloropropane96-12-80.1115Ethylene dibromide (1,2-Dibromoethane)106-93-40.02815Dibromomethane74-95-30.11152,4-D (2,4-Dichlorophenoxyacetic acid)94-75-70.7210o,p'-DDD53-19-00.0230.087p,p'-DDD72-54-80.0230.087o,p'-DDE3424-82-60.0310.087p,p'-DDE72-55-90.0310.087o,p'-DDT789-02-60.00390.087p,p'-DDT50-29-30.00390.087Dibenz(a,h)anthracene53-70-30.0558.2Dibenz(a,e)pyrene192-65-40.061NAM-Dichlorobenzene541-73-10.0366.0o-Dichlorobenzene95-50-10.0886.0p-Dichlorobenzene106-46-70.0906.0Dichlorodifluoromethane75-71-80.237.21,1-Dichloroethane75-34-30.0596.01,2-Dichloroethane107-06-20.216.01,1-Dichloroethylene75-35-40.0256.0trans-1,2-Dichloroethylene156-60-50.054302,4-Dichlorophenol120-83-20.044142,6-Dichlorophenol87-65-00.044141,2-Dichloropropane78-87-50.8518cis-1,3-Dichloropropylene10061-01-50.03618trans-1,3-Dichloropropylene10061-02-60.03618Diieldrin60-57-10.0170.132,4-Dimethylaniline (2,4-xylylidine)95-68-10.0100.66Diethyl phthalate84-66-20.20282-4-Dimethyl phenol105-67-90.03614Dimethyl phthalate131-11-30.04728Di-n-butyl phthalate84-74-20.057281,4-Dinitrobenzene100-25-40.322.34,6-Dinitro-o-cresol534-52-10.281602,4-Dinitrophenol51-28-50.121602,4-Dinitrotoluene121-14-20.321402,6-Dinitrotoluene606-20-20.5528Di-n-octyl phthalate117-84-00.01728Di-n-propylnitrosamine621-64-70.40141,4-Dioxanel23-91-112.0170Diphenylamine (difficult to distinguish from diphenylnitrosamine)122-39-40.92NADiphenylnitrosamine (difficult to distinguish from diphenylamine)86-30-60.92NA1,2-Diphenylhydrazine122-66-70.087NADisulfoton298-04-40.0176.2Endosulfan I939-98-80.0230.066Endosulfan II33213-6-50.0290.13Endosulfan sulfate1031-07-80.0290.13Endrin72-20-80.00280.13Endrin aldehyde7421-93-40.0250.13Ethyl acetate141-78-60.3433Ethyl cyanide (Propanenitrile)107-12-00.24360Ethyl benzene100-41-40.05710Ethyl ether60-29-70.12160bis(2-Ethylhexyl) phthalate117-81-70.2828Ethyl methacrylate97-63-20.14160Ethylene oxide75-21-80.12NAFamphur52-85-70.01715Fluoranthene206-44-00.0683.4Fluorene86-73-70.0593.4Heptachlor76-44-80.00120.0661,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-HpCDD)35822-46-90.0000350.00251,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-HpCDF)67562-39-40.0000350.00251,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-HpCDF)55673-89-70.0000350.0025Heptachlor epoxide1024-57-30.0160.066Hexachlorobenzene118-74-10.05510Hexachlorobutadiene87-68-30.0555.6Hexachlorocyclopentadiene77-47-40.0572.4HxCDDs (All

Hexachlorodibenzo-p-dioxins)NA0.0000630.001HxCDFs (All
Hexachlorodibenzofurans) 55684-94-10.0000630.001Hexachloroethane67-72-
10.05530Hexachloropropylene1888-71-70.03530Indeno (1,2,3-c,d) pyrene193-39-
50.00553.4Iodomethane74-88-40.1965Isobutyl alcohol78-83-15.6170Isodrin465-73-
60.0210.066Isosafrole120-58-10.0812.6Kepone143-50-
80.00110.13Methacrylonitrile126-98-70.2484Methanol67-56-15.6NAMethapyrilene91-
80-50.0811.5Methoxychlor72-43-50.250.183-Methylcholanthrene56-49-50.0055154,4-
Methylene bis(2-chloroaniline)101-14-40.5030Methylene chloride75-09-
20.08930Methyl ethyl ketone78-93-30.2836Methyl isobutyl ketone108-10-
10.1433Methyl methacrylate80-62-60.14160Methyl methansulfonate66-27-
30.018NAMethyl parathion298-00-00.0144.6Naphthalene91-20-30.0595.62-
Naphthylamine91-59-80.52Nap-Nitroaniline100-01-60.02828Nitrobenzene98-95-
30.068145-Nitro-o-toluidine99-55-80.3228p-Nitrophenol100-02-70.1229N-
Nitrosodiethylamine55-18-50.4028N-Nitrosodimethylamine62-75-90.40NAN-Nitroso-di-
n-butylamine924-16-30.4017N-Nitrosomethylethylamine10595-95-60.402.3N-
Nitrosomorpholine59-89-20.402.3N-Nitrosopiperidine100-75-40.01335N-
Nitrosopyrrolidine930-55-20.013351,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin
(1,2,3,4,6,7,8,9-OCDD)3268-87-90.0000630.0025Parathion56-38-20.0144.6Total PCBs
(sum of all PCB isomers, or all Aroclors)1336-36-30.1010Pentachlorobenzene608-
93-50.05510PeCDDs (All Pentachlorodibenzo-p-dioxins)36088-22-
90.0000630.001PeCDFs (All Pentachlorodibenzofurans)30402-15-
40.0000350.001Pentachloronitrobenzene82-68-80.0554.8Pentachlorophenol87-86-
50.0897.4Phenacetin62-44-20.08116Phenanthrene85-01-80.0595.6Phenol108-95-
20.0396.21,3-Phenylenediamine108-45-20.0100.66Phorate298-02-20.0214.6Phthalic
anhydride85-44-90.055NAPronamide23950-58-50.0931.5Pyrene129-00-
00.0678.2Pyridine110-86-10.01416Safrole94-59-70.08122Silvex (2,4,5-TP)93-72-
10.727.92,4,5-T93-76-50.727.91,2,4,5-Tetrachlorobenzene95-94-30.05514TCDDs (All
Tetrachlorodibenzo-p-dioxins)41903-57-50.0000630.001TCDFs (All
Tetrachlorodibenzofurans) 55722-27-50.0000630.0011,1,1,2-Tetrachloroethane630-20-
60.0576.01,1,2,2-Tetrachloroethane79-34-60.0576.0Tetrachloroethylene127-18-
40.0566.02,3,4,6-Tetrachlorophenol58-90-20.0307.4Toluene108-88-
30.08010Toxaphene8001-35-20.00952.6Bromoform (Tribromomethane)75-25-
20.63151,2,4-Trichlorobenzene120-82-10.055191,1,1-Trichloroethane71-55-
60.0546.01,1,2-Trichloroethane79-00-50.0546.0Trichloroethylene79-01-
60.0546.0Trichloromonofluoromethane75-69-40.020302,4,5-Trichlorophenol95-95-
40.187.42,4,6-Trichlorophenol88-06-20.0357.41,2,3-Trichloropropane96-18-
40.85301,1,2-Trichloro-1,2,2-trifluoroethane76-13-10.05730tris(2,3-
Dibromopropyl) phosphate126-72-70.11NAVinyl chloride75-01-40.276.0Xylenes-mixed
isomers
(sum of o-, m-, and p-xylene concentrations)1330-20-70.3230Antimony7440-36-
01.91.15 mg/l TCLPArsenic7440-38-21.45.0 mg/l TCLPBarium7440-39-31.221 mg/l
TCLPBeryllium7440-41-70.82NACadmium7440-43-90.690.11 mg/l TCLPChromium
(Total)7440-47-32.770.60 mg/l TCLPCyanides (Total)757-12-51.2590Cyanides
(Amenable)757-12-50.86NAFluoride16964-48-835NALeAD7439-92-10.690.75 mg/l
TCLPMercury7439-97-60.150.025 mg/l TCLPNickel7440-02-03.9811 mg/l
TCLPSelenium7782-49-20.825.7 mg/l TCLPSilver7440-22-40.430.14 mg/l
TCLPSulfide8496-25-814NATHallium7440-28-01.4NAVanadium7440-62-24.3NA
K001

Bottom sediment sludge from the treatment of wastewaters from wood preserving
processes that use creosote or pentachlorophenol.

Naphthalene91-20-30.0595.6Pentachlorophenol87-86-50.0897.4Phenanthrene85-01-
80.0595.6Pyrene129-00-00.0678.2Toluene108-88-30.08010Xylenes-mixed isomers
(sum of o-, m-, and p-xylene concentrations)1330-20-70.3230Lead7439-92-10.690.75
mg/l TCLP
K002

Wastewater treatment sludge from the production of chrome yellow and orange pigments.

Chromium (Total) 7440-47-32.770.60 mg/l TCLPLead7439-92-10.690.75 mg/l TCLP
K003

Wastewater treatment sludge from the production of molybdate orange pigments.

Chromium (Total) 7440-47-32.770.60 mg/l TCLPLead7439-92-10.690.75 mg/l TCLP
K004

Wastewater treatment sludge from the production of zinc yellow pigments.

Chromium (Total) 7440-47-32.770.60 mg/l TCLPLead7439-92-10.690.75 mg/l TCLP
K005

Wastewater treatment sludge from the production of chrome green pigments.

Chromium (Total) 7440-47-32.770.60 mg/l TCLPLead7439-92-10.690.75 mg/l
TCLPCyanides (Total) 757-12-51.2590
K006

Wastewater treatment sludge from the production of chrome oxide green pigments (anhydrous).

Chromium (Total) 7440-47-32.770.60 mg/l TCLPLead7439-92-10.690.75 mg/l TCLP
K006

Wastewater treatment sludge from the production of chrome oxide green pigments (hydrated).

Chromium (Total) 7440-47-32.770.60 mg/l TCLPLead7439-92-10.69NA
K007

Wastewater treatment sludge from the production of iron blue pigments.

Chromium (Total) 7440-47-32.770.60 mg/l TCLPLead7439-92-10.690.75 mg/l
TCLPCyanides (Total) 757-12-51.2590
K008

Oven residue from the production of chrome oxide green pigments.

Chromium (Total) 7440-47-32.770.60 mg/l TCLPLead7439-92-10.690.75 mg/l TCLP
K009

Distillation bottoms from the production of acetaldehyde from ethylene.

Chloroform 67-66-30.0466.0
K010

Distillation side cuts from the production of acetaldehyde from ethylene.

Chloroform 67-66-30.0466.0
K011

Bottom stream from the wastewater stripper in the production of acrylonitrile.

Acetonitrile75-05-85.638Acrylonitrile107-13-10.2484Acrylamide79-06-
11923Benzene71-43-20.1410Cyanide (Total)57-12-51.2590
K013

Bottom stream from the acetonitrile column in the production of acrylonitrile.

Acetonitrile75-05-85.638Acrylonitrile107-13-10.2484Acrylamide79-06-
11923Benzene71-43-20.1410Cyanide (Total)57-12-51.2590
K014

Bottoms from the acetonitrile purification column in the production of
acrylonitrile.

Acetonitrile75-05-85.638Acrylonitrile107-13-10.2484Acrylamide79-06-
11923Benzene71-43-20.1410Cyanide (Total)57-12-51.2590
K015

Still bottoms from the distillation of benzyl chloride.

Anthracene120-12-70.0593.4Benzal chloride98-87-30.0556.0Benzo(b)fluoranthene
(difficult to distinguish from benzo(k)fluoranthene)205-99-
20.116.8Benzo(k)fluoranthene (difficult to distinguish from
benzo(b)fluoranthene)207-08-90.116.8Phenanthrene85-01-80.0595.6Toluene108-88-
30.08010Chromium (Total)7440-47-32.770.60 mg/l TCLPNickel7440-02-03.9811 mg/l
TCLP
K016

Heavy ends or distillation residues from the production of carbon tetrachloride.

Hexachlorobenzene118-74-10.05510Hexachlorobutadiene87-68-
30.0555.6Hexachlorocyclopentadiene77-47-40.0572.4Hexachloroethane67-72-
10.05530Tetrachloroethylene127-18-40.0566.0
K017

Heavy ends (still bottoms) from the purification column in the production of
epichlorohydrin.

bis(2-Chloroethyl)ether111-44-40.0336.01,2-Dichloropropane78-87-50.85181,2,3-
Trichloropropane96-18-40.8530
K018

Heavy ends from the fractionation column in ethyl chloride production.

Chloroethane75-00-30.276.0Chloromethane74-87-30.19NA1,1-Dichloroethane75-34-
30.0596.01,2-Dichloroethane107-06-20.216.0Hexachlorobenzene118-74-
10.05510Hexachlorobutadiene87-68-30.0555.6Hexachloroethane67-72-
10.05530Pentachloroethane76-01-7NA6.01,1,1-Trichloroethane71-55-60.0546.0
K019

Heavy ends from the distillation of ethylene dichloride in ethylene dichloride
production.

bis(2-Chloroethyl)ether111-44-40.0336.0Chlorobenzene108-90-
70.0576.0Chloroform67-66-30.0466.0p-Dichlorobenzene106-46-70.090NA1,2-
Dichloroethane107-06-20.216.0Fluorene86-73-70.059NAHexachloroethane67-72-
10.05530Naphthalene91-20-30.0595.6Phenanthrene85-01-80.0595.61,2,4,5-

Tetrachlorobenzene95-94-30.055NATetrachloroethylene127-18-40.0566.01,2,4-Trichlorobenzene120-82-10.055191,1,1-Trichloroethane71-55-60.0546.0
K020

Heavy ends from the distillation of vinyl chloride in vinyl chloride monomer production.

1,2-Dichloroethane107-06-20.216.01,1,2,2-Tetrachloroethane79-34-60.0576.0Tetrachloroethylene127-18-40.0566.0
K021

Aqueous spent antimony catalyst waste from fluoromethanes production.

Carbon tetrachloride56-23-50.0576.0Chloroform67-66-30.0466.0Antimony7440-36-01.91.15 mg/l TCLP
K022

Distillation bottom tars from the production of phenol or acetone from cumene.

Toluene108-88-30.08010Acetophenone96-86-20.0109.7Diphenylamine (difficult to distinguish from diphenylnitrosamine)122-39-40.9213Diphenylnitrosamine (difficult to distinguish from diphenylamine)86-30-60.9213Phenol108-95-20.0396.2Chromium (Total)7440-47-32.770.60 mg/l TCLPNickel7440-02-03.9811 mg/l TCLP
K023

Distillation light ends from the production of phthalic anhydride from naphthalene.

Phthalic anhydride (measured as Phthalic acid or Terephthalic acid)100-21-00.05528Phthalic anhydride (measured as Phthalic acid or Terephthalic acid)85-44-90.05528
K024

Distillation bottoms from the production of phthalic anhydride from naphthalene.

Phthalic anhydride (measured as Phthalic acid or Terephthalic acid)100-21-00.05528Phthalic anhydride (measured as Phthalic acid or Terephthalic acid)85-44-90.05528
K025

Distillation bottoms from the production of nitrobenzene by the nitration of benzene.

NANALLEX fb SSTRP fb CARBN; or CMBSTCMBST
K026

Stripping still tails from the production of methyl ethyl pyridines.

NANACMBSTCMBST
K027

Centrifuge and distillation residues from toluene diisocyanate production.

NANACARBN; or CMBSTCMBST
K028

Spent catalyst from the hydrochlorinator reactor in the production of 1,1,1-trichloroethane.

1,1-Dichloroethane75-34-30.0596.0trans-1,2-Dichloroethylene156-60-50.05430Hexachlorobutadiene87-68-30.0555.6Hexachloroethane67-72-10.05530Pentachloroethane76-01-7NA6.01,1,1,2-Tetrachloroethane630-20-60.0576.01,1,2,2-Tetrachloroethane79-34-60.0576.0Tetrachloroethylene127-18-40.0566.01,1,1-Trichloroethane71-55-60.0546.01,1,2-Trichloroethane79-00-50.0546.0Cadmium7440-43-90.69NACromium(Total)7440-47-32.770.60 mg/l TCLPLead7439-92-10.690.75 mg/l TCLPNickel7440-02-03.9811 mg/l TCLPK029

Waste from the product steam stripper in the production of 1,1,1-trichloroethane.

Chloroform67-66-30.0466.01,2-Dichloroethane107-06-20.216.01,1-Dichloroethylene75-35-40.0256.01,1,1-Trichloroethane71-55-60.0546.0Vinyl chloride75-01-40.276.0K030

Column bodies or heavy ends from the combined production of trichloroethylene and perchloroethylene.

o-Dichlorobenzene95-50-10.088NAp-Dichlorobenzene106-46-70.090NAHexachlorobutadiene87-68-30.0555.6Hexachloroethane67-72-10.05530Hexachloropropylene1888-71-7NA30Pentachlorobenzene608-93-5NA10Pentachloroethane76-01-7NA6.01,2,4,5-Tetrachlorobenzene95-94-30.05514Tetrachloroethylene127-18-40.0566.01,2,4-Trichlorobenzene120-82-10.05519K031

By-product salts generated in the production of MSMA and cacodylic acid.

Arsenic7440-38-21.45.0 mg/l TCLPK032

Wastewater treatment sludge from the production of chlordanes.

Hexachlorocyclopentadiene77-47-40.0572.4Chlordanes (and ? isomers)57-74-90.00330.26Heptachlor76-44-80.00120.066Heptachlor epoxide1024-57-30.0160.066K033

Wastewater and scrub water from the chlorination of cyclopentadiene in the production of chlordanes.

Hexachlorocyclopentadiene77-47-40.0572.4K034

Filter solids from the filtration of hexachlorocyclopentadiene in the production of chlordanes.

Hexachlorocyclopentadiene77-47-40.0572.4K035

Wastewater treatment sludges generated in the production of creosote.

Acenaphthene83-32-9NA3.4Anthracene120-12-7NA3.4Benz(a)anthracene56-55-30.0593.4Benzo(a)pyrene50-32-80.0613.4Chrysene218-01-90.0593.4o-Cresol95-48-70.115.6m-Cresol (difficult to distinguish from p-cresol)108-39-40.775.6p-Cresol (difficult to distinguish from m-cresol)106-44-50.775.6Dibenz(a,h)anthracene53-70-3NA8.2Fluoranthene206-44-00.0683.4Fluorene86-73-7NA3.4Indeno(1,2,3-cd)pyrene193-39-5NA3.4Naphthalene91-20-30.0595.6Phenanthrene85-01-80.0595.6Phenol108-95-20.0396.2Pyrene129-00-00.0678.2 K036

Still bottoms from toluene reclamation distillation in the production of disulfoton.

Disulfoton298-04-40.0176.2 K037

Wastewater treatment sludges from the production of disulfoton.

Disulfoton298-04-40.0176.2Toluene108-88-30.08010 K038

Wastewater from the washing and stripping of phorate production.

Phorate298-02-20.0214.6 K039

Filter cake from the filtration of diethylphosphorodithioic acid in the production of phorate.

NANACARBON; or CMBSTCMBST K040

Wastewater treatment sludge from the production of phorate.

Phorate298-02-20.0214.6 K041

Wastewater treatment sludge from the production of toxaphene.

Toxaphene8001-35-20.00952.6 K042

Heavy ends or distillation residues from the distillation of tetrachlorobenzene in the production of 2,4,5-T.

o-Dichlorobenzene95-50-10.0886.0p-Dichlorobenzene106-46-70.0906.0Pentachlorobenzene608-93-50.055101,2,4,5-Tetrachlorobenzene95-94-30.055141,2,4-Trichlorobenzene120-82-10.05519 K043

2,6-Dichlorophenol waste from the production of 2,4-D.

2,4-Dichlorophenol120-83-20.044142,6-Dichlorophenol187-65-00.044142,4,5-Trichlorophenol95-95-40.187.42,4,6-Trichlorophenol88-06-20.0357.42,3,4,6-Tetrachlorophenol158-90-20.0307.4Pentachlorophenol87-86-50.0897.4Tetrachloroethylene127-18-40.0566.0HxCDDs (All Hexachlorodibenzo-p-dioxins)NA0.0000630.001HxCDFs (All Hexachlorodibenzofurans)55684-94-

10.0000630.001PeCDDs (All Pentachlorodibenzo-p-dioxins)36088-22-
90.0000630.001PeCDFs (All Pentachlorodibenzofurans)30402-15-40.0000350.001TCDDs
(All Tetrachlorodibenzo-p-dioxins)41903-57-50.0000630.001TCDFs (All
Tetrachlorodibenzofurans)55722-27-50.0000630.001
K044

Wastewater treatment sludges from the manufacturing and processing of
explosives.

NANAEACTDEACT
K045

Spent carbon from the treatment of wastewater containing explosives.

NANAEACTDEACT
K046

Wastewater treatment sludges from the manufacturing, formulation and loading of
lead-based initiating compounds.

Lead7439-92-10.690.75 mg/l TCLP
K047

Pink or red water from TNT operations.

NANAEACTDEACT
K048

Dissolved air flotation (DAF) float from the petroleum refining industry.

Benzene71-43-20.1410Benzo(a)pyrene50-32-80.0613.4bis(2-Ethylhexyl) phthalate117-
81-70.2828Chrysene218-01-90.0593.4Di-n-butyl phthalate84-74-
20.05728Ethylbenzene100-41-40.05710Fluorene86-73-70.059NANaphthalene91-20-
30.0595.6Phenanthrene85-01-80.0595.6Phenol108-95-20.0396.2Pyrene129-00-
00.0678.2Toluene108-88-330.08010Xylenes-mixed isomers
(sum of o-, m-, and p-xylene concentrations)1330-20-70.3230Chromium (Total)7440-
47-32.770.60 mg/l TCLPCyanides (Total)757-12-51.2590Lead7439-92-
10.69NANickel7440-02-0NA11 mg/l TCLP
K049

Slop oil emulsion solids from the petroleum refining industry.

Anthracene120-12-70.0593.4Benzene71-43-20.1410Benzo(a)pyrene50-32-
80.0613.4bis(2-Ethylhexyl) phthalate117-81-70.2828Carbon disulfide75-15-
03.8NACHrysene2218-01-90.0593.42,4-Dimethylphenol105-67-90.036NAEthylbenzene100-
41-40.05710Naphthalene91-20-30.0595.6Phenanthrene85-01-80.0595.6Phenol108-95-
20.0396.2Pyrene129-00-00.0678.2Toluene108-88-30.08010Xylenes-mixed isomers
(sum of o-, m-, and p-xylene concentrations)1330-20-70.3230Cyanides (Total)757-
12-51.2590Chromium (Total)7440-47-32.770.60 mg/l TCLPLead7439-92-
10.69NANickel7440-02-0NA11 mg/l TCLP
K050

Heat exchanger bundle cleaning sludge from the petroleum refining industry.

Benzo(a)pyrene50-32-80.0613.4Phenol108-95-20.0396.2Cyanides (Total)757-12-
51.2590Chromium (Total)7440-47-32.770.60 mg/l TCLPLead7439-92-10.69NANickel7440-
02-0NA11 mg/l TCLP

K051

API separator sludge from the petroleum refining industry.

Acenaphthene83-32-90.059NAAnthracene120-12-70.0593.4Benz(a)anthracene56-55-30.0593.4Benzene71-43-20.1410Benzo(a)pyrene50-32-80.0613.4bis(2-Ethylhexyl)phthalate117-81-70.2828Chrysene2218-01-90.0593.4Di-n-butyl phthalate105-67-90.05728Ethylbenzene100-41-40.05710Fluorene86-73-70.059NANaphthalene91-20-30.0595.6Phenanthrene85-01-80.0595.6Phenol108-95-20.0396.2Pyrene129-00-00.0678.2Toluene108-88-30.0810Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations)1330-20-70.3230Cyanides (Total)757-12-51.2590Chromium (Total)7440-47-32.770.60 mg/l TCLPLead7439-92-10.69NANickel7440-02-0NA11 mg/l TCLP

K052

Tank bottoms (leaded) from the petroleum refining industry.

Benzene71-43-20.1410Benzo(a)pyrene50-32-80.0613.4o-Cresol95-48-70.115.6m-Cresol (difficult to distinguish from p-cresol)108-39-40.775.6p-Cresol (difficult to distinguish from m-cresol)106-44-50.775.62,4-Dimethylphenol105-67-90.036NAEthylbenzene100-41-40.05710Naphthalene91-20-30.0595.6Phenanthrene85-01-80.0595.6Phenol108-95-20.0396.2Toluene108-88-30.0810Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations)1330-20-70.3230Chromium (Total)7440-47-32.770.60 mg/l TCLPCyanides (Total)757-12-51.2590Lead7439-92-10.69NANickel7440-02-0NA11 mg/l TCLP

K060

Ammonia still lime sludge from coking operations.

Benzene71-43-20.1410Benzo(a)pyrene50-32-80.0613.4Naphthalene91-20-30.0595.6Phenol108-95-20.0396.2Cyanides (Total)757-12-51.2590

K061

Emission control dust or sludge from the primary production of steel in electric furnaces.

Antimony7440-36-0NA1.15 mg/l TCLPArsenic7440-38-2NA5.0 mg/l TCLPBarium7440-39-3NA21 mg/l TCLPBeryllium7440-41-7NA1.22 mg/l TCLPCadmium7440-43-90.690.11 mg/l TCLPChromium (Total)7440-47-32.770.60 mg/l TCLPLead7439-92-10.690.75 mg/l TCLPMercury7439-97-6NA0.025 mg/l TCLPNickel7440-02-03.9811 mg/l TCLPSelenium7782-49-2NA5.7 mg/l TCLPSilver7440-22-4NA0.14 mg/l TCLPThallium7440-28-0NA0.20 mg/l TCLPZinc7440-66-6NA4.3 mg/l TCLP

K062

Spent pickle liquor generated by steel finishing operations of facilities within the iron and steel industry (SIC Codes 331 and 332).

Chromium (Total)7440-47-32.770.60 mg/l TCLPLead7439-92-10.690.75 mg/l TCLPNickel7440-02-03.98NA

K069

Emission control dust or sludge from secondary lead smelting - Calcium sulfate (Low Lead) Subcategory.

Cadmium7440-43-90.690.11 mg/l TCLPLead7439-92-10.690.75 mg/l TCLP

K069

Emission control dust or sludge from secondary lead smelting - Non-Calcium sulfate (High Lead) Subcategory.

NANANARLEAD
K071

K071 (Brine purification muds from the mercury cell process in chlorine production, where separately prepurified brine is not used) nonwastewaters that are residues from RMERC.

Mercury7439-97-6NA0.20 mg/l TCLP
K071

K071 (Brine purification muds from the mercury cell process in chlorine production, where separately prepurified brine is not used) nonwastewaters that are not residues from RMERC.

Mercury7439-97-6NA0.025 mg/l TCLP
K071

All K071 wastewaters.

Mercury7439-97-60.15NA
K073

Chlorinated hydrocarbon waste from the purification step of the diaphragm cell process using graphite anodes in chlorine production.

Carbon tetrachloride56-23-50.0576.0Chloroform67-66-30.0466.0Hexachloroethane67-72-10.05530Tetrachloroethylene127-18-40.0566.01,1,1-Trichloroethane71-55-60.0546.0
K083

Distillation bottoms from aniline production.

Aniline62-53-30.8114Benzene71-43-20.1410Cyclohexanone108-94-10.36NADiphenylamine (difficult to distinguish from diphenylnitrosamine)122-39-40.9213Diphenylnitrosamine (difficult to distinguish from diphenylamine)86-30-60.9213Nitrobenzene98-95-30.06814Phenol108-95-20.0396.2Nickel7440-02-03.9811 mg/l TCLP
K084

Wastewater treatment sludges generated during the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.

Arsenic7440-38-21.45.0 mg/l TCLP
K085

Distillation or fractionation column bottoms from the production of chlorobenzenes.

Benzene71-43-20.1410Chlorobenzene108-90-70.0576.0m-Dichlorobenzene541-73-10.0366.0o-Dichlorobenzene95-50-10.0886.0p-Dichlorobenzene106-46-70.0906.0Hexachlorobenzene118-74-10.05510Total PCBs (sum of all PCB isomers, or all Aroclors)1336-36-30.1010Pentachlorobenzene608-93-50.055101,2,4,5-Tetrachlorobenzene95-94-30.055141,2,4-Trichlorobenzene120-82-10.05519

K086

Solvent wastes and sludges, caustic washes and sludges, or water washes and sludges from cleaning tubs and equipment used in the formulation of ink from pigments, driers, soaps, and stabilizers containing chromium and lead.

Acetone 67-64-10.28160 Acetophenone 96-86-20.0109.7 bis(2-Ethylhexyl) phthalate 117-81-70.2828 n-Butyl alcohol 71-36-35.62.6 Butylbenzyl phthalate 85-68-70.01728 Cyclohexanone 108-94-10.36 NAO-Dichlorobenzene 95-50-10.0886.0 Diethyl phthalate 84-66-20.2028 Dimethyl phthalate 131-11-30.04728 Di-n-butyl phthalate 84-74-20.05728 Di-n-octyl phthalate 117-84-00.01728 Ethyl acetate 141-78-60.3433 Ethylbenzene 100-41-40.05710 Methanol 67-56-15.6 NA Methyl ethyl ketone 78-93-30.2836 Methyl isobutyl ketone 108-10-10.1433 Methylene chloride 75-09-20.08930 Naphthalene 91-20-30.0595.6 Nitrobenzene 98-95-30.06814 Toluene 108-88-30.08010 1,1,1-Trichloroethane 71-55-60.0546.0 Trichloroethylene 79-01-60.0546.0 Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations) 1330-20-70.3230 Chromium (Total) 7440-47-32.770.60 mg/l TCLP Cyanides (Total) 757-12-51.2590 Lead 7439-92-10.690.75 mg/l TCLP
K087

Decanter tank tar sludge from coking operations.

Acenaphthylene 208-96-80.0593.4 Benzene 71-43-20.1410 Chrysene 218-01-90.0593.4 Fluoranthene 206-44-00.0683.4 Indeno(1,2,3-cd)pyrene 193-39-50.00553.4 Naphthalene 91-20-30.0595.6 Phenanthrene 85-01-80.0595.6 Toluene 108-88-30.08010 Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations) 1330-20-70.3230 Lead 7439-92-10.690.75 mg/l TCLP
K088

Spent potliners from primary aluminum reduction.

Acenaphthene 83-32-90.0593.4 Anthracene 120-12-70.0593.4 Benz(a)anthracene 56-55-30.0593.4 Benzo(a)pyrene 50-32-80.0613.4 Benzo(b)fluoranthene 205-99-20.116.8 Benzo(k)fluoranthene 207-08-90.116.8 Benzo(g,h,i)perylene 191-24-20.00551.8 Chrysene 218-01-90.0593.4 Dibenz(a,h)anthracene 53-70-30.0558.2 Fluoranthene 206-44-00.0683.4 Indeno(1,2,3-cd)pyrene 193-39-50.00553.4 Phenanthrene 85-01-80.0595.6 Pyrene 129-00-00.0678.2 Antimony 7440-36-01.91.15 mg/l TCLP Arsenic 7440-38-21.426.1 mg/l Barium 7440-39-31.221 mg/l TCLP Beryllium 7440-41-70.821.22 mg/l TCLP Cadmium 7440-43-90.690.11 mg/l TCLP Chromium (Total) 7440-47-32.770.60 mg/l TCLP Lead 7439-92-10.690.75 mg/l TCLP Mercury 7439-97-60.150.025 mg/l TCLP Nickel 7440-02-03.9811 mg/l TCLP Selenium 7782-49-20.825.7 mg/l TCLP Silver 7440-22-40.430.14 mg/l TCLP Cyanide (Total) 757-12-51.2590 Cyanide (Amenable) 757-12-50.8630 Fluoride 16984-48-835 NA
K093

Distillation light ends from the production of phthalic anhydride from ortho-xylene.

Phthalic anhydride (measured as Phthalic acid or Terephthalic acid) 100-21-00.05528 Phthalic anhydride (measured as Phthalic acid or Terephthalic acid) 85-44-90.05528
K094

Distillation bottoms from the production of phthalic anhydride from ortho-xylene.

Phthalic anhydride (measured as Phthalic acid or Terephthalic acid)100-21-00.05528
Phthalic anhydride (measured as Phthalic acid or Terephthalic acid)85-44-90.05528
K095

Distillation bottoms from the production of 1,1,1-trichloroethane.

Hexachloroethane67-72-10.05530
Pentachloroethane76-01-70.0556.01,1,1,2-
Tetrachloroethane630-20-60.0576.01,1,2,2-Tetrachloroethane79-34-
60.0576.0
Tetrachloroethylene127-18-40.0566.01,1,2-
Trichloroethane79-00-50.0546.0
Trichloroethylene79-01-60.0546.0
K096

Heavy ends from the heavy ends column from the production of 1,1,1-trichloroethane.

m-Dichlorobenzene541-73-10.0366.0
Pentachloroethane76-01-70.0556.01,1,1,2-
Tetrachloroethane630-20-60.0576.01,1,2,2-Tetrachloroethane79-34-
60.0576.0
Tetrachloroethylene127-18-40.0566.01,2,4-
Trichlorobenzene120-82-10.055191,1,2-
Trichloroethane79-00-50.0546.0
Trichloroethylene79-01-60.0546.0
K097

Vacuum stripper discharge from the chlordane chlorinator in the production of chlordane.

Chlordane (and isomers)57-74-90.00330.26
Heptachlor76-44-80.00120.066
Heptachlor epoxide1024-57-30.0160.066
Hexachlorocyclopentadiene77-47-40.0572.4
K098

Untreated process wastewater from the production of toxaphene.

Toxaphene8001-35-20.00952.6
K099

Untreated wastewater from the production of 2,4-D.

2,4-Dichlorophenoxyacetic acid94-75-70.7210
HxCDDs (All Hexachlorodibenzo-p-dioxins)NAO.0000630.001
HxCDFs (All Hexachlorodibenzofurans)55684-94-10.0000630.001
PeCDDs (All Pentachlorodibenzo-p-dioxins)36088-22-90.0000630.001
PeCDFs (All Pentachlorodibenzofurans)30402-15-40.0000350.001
TCDDs (All Tetrachlorodibenzo-p-dioxins)41903-57-50.0000630.001
TCDFs (All Tetrachlorodibenzofurans)55722-27-50.0000630.001
K100

Waste leaching solution from acid leaching of emission control dust or sludge from secondary lead smelting.

Cadmium7440-43-90.690.11 mg/l
TCLPChromium (Total)7440-47-32.770.60 mg/l
TCLPLead7439-92-10.690.75 mg/l
TCLP
K101

Distillation tar residues from the distillation of aniline-based compounds in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.

o-Nitroaniline 88-74-40.2714 Arsenic 7440-38-21.45.0 mg/l TCLP Cadmium 7440-43-90.69NA Lead 7439-92-10.69NA Mercury 7439-97-60.15NA
K102

Residue from the use of activated carbon for decolorization in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.

o-Nitrophenol 88-75-50.02813 Arsenic 7440-38-21.45.0 mg/l TCLP Cadmium 7440-43-90.69NA Lead 7439-92-10.69NA Mercury 7439-97-60.15NA
K103

Process residues from aniline extraction from the production of aniline.

Aniline 62-53-30.8114 Benzene 71-43-20.14102, 4-Dinitrophenol 51-28-50.12160 Nitrobenzene 98-95-30.06814 Phenol 108-95-20.0396.2
K104

Combined wastewater streams generated from nitrobenzene or aniline production.

Aniline 62-53-30.8114 Benzene 71-43-20.14102, 4-Dinitrophenol 51-28-50.12160 Nitrobenzene 98-95-30.06814 Phenol 108-95-20.0396.2 Cyanides (Total) 757-12-51.2590
K105

Separated aqueous stream from the reactor product washing step in the production of chlorobenzenes.

Benzene 71-43-20.1410 Chlorobenzene 108-90-70.0576.02-Chlorophenol 95-57-80.0445.7o-Dichlorobenzene 95-50-10.0886.0p-Dichlorobenzene 106-46-70.0906.0 Phenol 108-95-20.0396.22,4,5-Trichlorophenol 95-95-40.187.42,4,6-Trichlorophenol 88-06-20.0357.4
K106

K106 (wastewater treatment sludge from the mercury cell process in chlorine production) nonwastewaters that contain greater than or equal to 260 mg/kg total mercury.

Mercury 7439-97-6NA RMERC
K106

K106 (wastewater treatment sludge from the mercury cell process in chlorine production) nonwastewaters that contain less than 260 mg/kg total mercury that are residues from RMERC.

Mercury 7439-97-6NA 0.20 mg/l TCLP
K106

Other K106 nonwastewaters that contain less than 260 mg/kg total mercury and are not residues from RMERC.

Mercury 7439-97-6NA 0.025 mg/l TCLP
K106

All K106 wastewaters.

Mercury 7439-97-60.15NA
K107

Column bottoms from product separation from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazides.

NANACMBST; or CHOXD fb CARBN; or BIODG fb CARBNCMBST
K108

Condensed column overheads from product separation and condensed reactor vent gases from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazides.

NANACMBST; or CHOXD fb CARBN; or BIODG fb CARBNCMBST
K109

Spent filter cartridges from product purification from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazides.

NANACMBST; or CHOXD fb CARBN; or BIODG fb CARBNCMBST
K110

Condensed column overheads from intermediate separation from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazides.

NANACMBST; or CHOXD fb CARBN; or BIODG fb CARBNCMBST
K111

Product washwaters from the production of dinitrotoluene via nitration of toluene.

2,4-Dinitrotoluene121-14-20-321402,62
0.321402,6-Dinitrotoluene606-20-20.5528
K112

Reaction by-product water from the drying column in the production of toluenediamine via hydrogenation of dinitrotoluene.

NANACMBST; or CHOXD fb CARBN; or BIODG fb CARBNCMBST
K113

Condensed liquid light ends from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene.

NANACARBN; or CMBSTCMBST
K114

Vicinals from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene.

NANACARBN; or CMBSTCMBST
K115

Heavy ends from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene.

Nickel7440-02-03.9811 mg/l TCLPNANACARBN; or CMBSTCMBST
K116

Organic condensate from the solvent recovery column in the production of toluene diisocyanate via phosgenation of toluenediamine.

NANACARBN; or CMBSTCMBST
K117

Wastewater from the reactor vent gas scrubber in the production of ethylene dibromide via bromination of ethene.

Methyl bromide (Bromomethane)74-83-90.1115Chloroform67-66-30.0466.0Ethylene dibromide (1,2-Dibromoethane)106-93-40.02815
K118

Spent absorbent solids from purification of ethylene dibromide in the production of ethylene dibromide via bromination of ethene.

Methyl bromide (Bromomethane)74-83-90.1115Chloroform67-66-30.0466.0Ethylene dibromide (1,2-Dibromoethane)106-93-40.02815
K123

Process wastewater (including supernates, filtrates, and washwaters) from the production of ethylenebisdithiocarbamic acid and its salts.

NANACMBST; or CHOXD fb (BIODG or CARBN)CMBST
K124

Reactor vent scrubber water from the production of ethylenebisdithiocarbamic acid and its salts.

NANACMBST; or CHOXD fb (BIODG or CARBN)CMBST
K125

Filtration, evaporation, and centrifugation solids from the production of ethylenebisdithiocarbamic acid and its salts.

NANACMBST; or CHOXD fb (BIODG or CARBN)CMBST
K126

Baghouse dust and floor sweepings in milling and packaging operations from the production or formulation of ethylenebisdithiocarbamic acid and its salts.

NANACMBST; or CHOXD fb (BIODG or CARBN)CMBST
K131

Wastewater from the reactor and spent sulfuric acid from the acid dryer from the production of methyl bromide.

Methyl bromide (Bromomethane)74-83-90.1115
K132

Spent absorbent and wastewater separator solids from the production of methyl bromide.

Methyl bromide (Bromomethane)74-83-90.1115
K136

Still bottoms from the purification of ethylene dibromide in the production of ethylene dibromide via bromination of ethene.

Methyl bromide (Bromomethane)74-83-90.1115Chloroform67-66-30.0466.0Ethylene dibromide (1,2-Dibromoethane)106-93-40.02815
K141

Process residues from the recovery of coal tar, including, but not limited to, collecting sump residues from the production of coke or the recovery of coke by-products produced from coal. This listing does not include K087 (decanter tank tar sludge from coking operations).

Benzene71-43-20.1410Benz(a)anthracene56-55-30.0593.4Benzo(a)pyrene50-2-80.0613.4Benzo(b)fluoranthene (difficult to distinguish from benzo(k)fluoranthene)205-99-20.116.8Benzo(k)fluoranthene (difficult to distinguish from benzo(b)fluoranthene)207-08-90.116.8Chrysene218-01-90.0593.4Dibenz(a,h)anthracene53-70-30.0558.2Indeno(1,2,3-cd)pyrene193-39-50.00553.4
K142

Tar storage tank residues from the production of coke from coal or from the recovery of coke by-products produced from coal.

Benzene71-43-20.1410Benz(a)anthracene56-55-30.0593.4Benzo(a)pyrene50-32-80.0613.4Benzo(b)fluoranthene (difficult to distinguish from benzo(k)fluoranthene)205-99-20.116.8Benzo(k)fluoranthene (difficult to distinguish from benzo(b)fluoranthene)207-08-90.116.8Chrysene218-01-90.0593.4Dibenz(a,h)anthracene53-70-30.0558.2Indeno(1,2,3-cd)pyrene193-39-50.00553.4
K143

Process residues from the recovery of light oil, including, but not limited to, those generated in stills, decanters, and wash oil recovery units from the recovery of coke by-products produced from coal.

Benzene71-43-20.1410Benz(a)anthracene56-55-30.0593.4Benzo(a)pyrene50-32-80.0613.4Benzo(b)fluoranthene (difficult to distinguish from benzo(k)fluoranthene)205-99-20.116.8Benzo(k)fluoranthene (difficult to distinguish from benzo(b)fluoranthene)207-08-90.116.8Chrysene218-01-90.0593.4
K144

Wastewater sump residues from light oil refining, including, but not limited to, intercepting or contamination sump sludges from the recovery of coke by-products produced from coal.

Benzene71-43-20.1410Benz(a)anthracene56-55-30.0593.4Benzo(a)pyrene50-32-80.0613.4Benzo(b)fluoranthene (difficult to distinguish from benzo(k)fluoranthene)205-99-20.116.8Benzo(k)fluoranthene (difficult to distinguish from benzo(b)fluoranthene)207-08-90.116.8Chrysene218-01-90.0593.4Dibenz(a,h)anthracene53-70-30.0558.2
K145

Residues from naphthalene collection and recovery operations from the recovery of coke by-products produced from coal.

Benzene71-43-20.1410Benz (a) anthracene56-55-30.0593.4Benzo (a) pyrene50-32-80.0613.4Chrysene218-01-90.0593.4Dibenz (a, h) anthracene53-70-30.0558.2Naphthalene91-20-30.0595.6
K147

Tar storage tank residues from coal tar refining.

Benzene71-43-20.1410Benz (a) anthracene56-55-30.0593.4Benzo (a) pyrene50-32-80.0613.4Benzo (b) fluoranthene (difficult to distinguish from benzo (k) fluoranthene) 205-99-20.116.8Benzo (k) fluoranthene (difficult to distinguish from benzo (b) fluoranthene) 207-08-90.116.8Chrysene218-01-90.0593.4Dibenz (a, h) anthracene53-70-30.0558.2Indeno (1, 2, 3-cd) pyrene193-39-50.00553.4
K148

Residues from coal tar distillation, including, but not limited to, still bottoms.

Benz (a) anthracene56-55-30.0593.4Benzo (a) pyrene50-32-80.0613.4Benzo (b) fluoranthene (difficult to distinguish from benzo (k) fluoranthene) 205-99-20.116.8Benzo (k) fluoranthene (difficult to distinguish from benzo (b) fluoranthene) 207-08-90.116.8Chrysene218-01-90.0593.4Dibenz (a, h) anthracene53-70-30.0558.2Indeno (1, 2, 3-cd) pyrene193-39-50.00553.4
K149

Distillation bottoms from the production of - (or methyl-) chlorinated toluenes, ring-chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups. (This waste does not include still bottoms from the distillations of benzyl chloride.)

Chlorobenzene108-90-70.0576.0Chloroform67-66-30.0466.0Chloromethane74-87-30.1930p-Dichlorobenzene106-46-70.0906.0Hexachlorobenzene118-74-10.05510Pentachlorobenzene608-93-50.055101, 2, 4, 5-Tetrachlorobenzene95-94-30.05514Toluene108-88-30.08010
K150

Organic residuals, excluding spent carbon adsorbent, from the spent chlorine gas and hydrochloric acid recovery processes associated with the production of - (or methyl-) chlorinated toluenes, ring-chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups.

Carbon tetrachloride56-23-50.0576.0Chloroform67-66-30.0466.0Chloromethane74-87-30.1930p-Dichlorobenzene106-46-70.0906.0Hexachlorobenzene118-74-10.05510Pentachlorobenzene608-93-50.055101, 2, 4, 5-Tetrachlorobenzene95-94-30.055141, 1, 2, 2-Tetrachloroethane79-34-50.0576.0Tetrachloroethylene127-18-40.0566.01, 2, 4-Trichlorobenzene120-82-10.05519
K151

Wastewater treatment sludges, excluding neutralization and biological sludges, generated during the treatment of wastewaters from the production of - (or methyl-) chlorinated toluenes, ring-chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups.

Benzene71-43-20.1410Carbon tetrachloride56-23-50.0576.0Chloroform67-66-30.0466.0Hexachlorobenzene118-74-10.05510Pentachlorobenzene608-93-

50.055101,2,4,5-Tetrachlorobenzene95-94-30.05514Tetrachloroethylene127-18-40.0566.0Toluene108-88-30.08010
K156

Organic waste (including heavy ends, still bottoms, light ends, spent solvents, filtrates, and decantates) from the production of carbamates and carbamoyl oximes.10 (This listing does not apply to wastes generated from the manufacture of 3-iodo-2-propynyl n-butylcarbamate.)

Acetonitrile75-05-85.61.8Acetophenone98-86-20.0109.72
0.0109.7Aniline62-53-30.8114Benomyl17804-35-20.0561.4Benzene71-43-20.1410Carbaryl63-25-210.0060.14Carbenzadim10605-21-70.0561.4Carbofuran1563-66-20.0060.14Carbosulfan55285-14-80.0281.4Chlorobenzene108-90-70.0576.0Chloroform67-66-30.0466.0o-Dichlorobenzene95-50-10.0886.0Methomyl16752-77-50.0280.14Methylene chloride75-09-20.08930Methyl ethyl ketone78-93-30.2836Naphthalene91-20-30.0595.6Phenol108-95-20.0396.2Pyridine110-86-10.01416Toluene108-88-30.08010Triethylamine121-44-80.0811.5
K157

Wastewaters (including scrubber waters, condenser waters, washwaters, and separation waters) from the production of carbamates and carbamoyl oximes. (This listing does not apply to wastes generated from the manufacture of 3-iodo-2-propynyl n-butylcarbamate.)

Carbon tetrachloride56-23-50.0576.0Chloroform67-66-30.0466.0Chloromethane74-87-30.1930Methomyl16752-77-50.0280.14Methylene chloride75-09-20.08930Methyl ethyl ketone78-93-30.2836Pyridine110-86-10.01416Triethylamine121-44-80.0811.5
K158

Baghouse dusts and filter/separation solids from the production of carbamates and carbamoyl oximes. (This listing does not apply to wastes generated from the manufacture of 3-iodo-2-propynyl n-butylcarbamate.)

Benomyl17804-35-20.0561.4Benzene71-43-20.1410Carbenzadim10605-21-70.0561.4Carbofuran1563-66-20.0060.14Carbosulfan55285-14-80.0281.4Chloroform67-66-30.0466.0Methylene chloride75-09-20.08930Phenol108-95-20.0396.2
K159

Organics from the treatment of thiocarbamate wastes.10

Benzene71-43-20.1410Butylate2008-41-50.0421.4EPTC (Eptam)759-94-40.0421.4Molinate2212-67-10.0421.4Pebulate1114-71-20.0421.4Vernolate1929-77-70.0421.4
K161

Purification solids (including filtration, evaporation, and centrifugation solids), baghouse dust and floor sweepings from the production of dithiocarbamate acids and their salts.

Antimony7440-36-01.91.1511Arsenic7440-38-21.45.011Carbon disulfide75-15-03.84.811Dithiocarbamates (total)137-30-40.02828Lead7439-92-10.690.7511Nickel7440-02-03.981111Selenium7782-49-20.825.711
K169

Crude oil tank sediment from petroleum refining operations.

Benz(a)anthracene56-55-30.0593.4Benzene71-43-20.1410Benzo(g,h,i)perylene191-24-20.00551.8Chrysene218-01-90.0593.4Ethyl benzene100-41-40.05710Fluorene86-73-70.0593.4Naphthalene91-20-30.0595.6Phenanthrene81-05-80.0595.6Pyrene129-00-00.0678.2Toluene (Methyl Benzene)108-88-30.08010Xylenes (Total)1330-20-70.3230
K170

Clarified slurry oil sediment from petroleum refining operations.

Benz(a)anthracene56-55-30.0593.4Benzene71-43-20.1410Benzo(g,h,i)perylene191-24-20.00551.8Chrysene218-01-90.0593.4Dibenz(a,h)anthracene53-70-30.0558.2Ethyl benzene100-41-40.05710Fluorene86-73-70.0593.4Indeno(1,2,3,-cd)pyrene193-39-50.00553.4Naphthalene91-20-30.0595.6Phenanthrene81-05-80.0595.6Pyrene129-00-00.0678.2Toluene (Methyl Benzene)108-88-30.08010Xylenes (Total)1330-20-70.3230
K171

Spent hydrotreating catalyst from petroleum refining operations, including guard beds used to desulfurize feeds to other catalytic reactors. (This listing does not include inert support media.)

Benz(a)anthracene56-55-30.0593.4Benzene71-43-20.1410Chrysene218-01-90.0593.4Ethyl benzene100-41-40.05710Naphthalene91-20-30.0595.6Phenanthrene81-05-80.0595.6Pyrene129-00-00.0678.2Toluene (Methyl Benzene)108-88-30.08010Xylenes (Total)1330-20-70.3230Arsenic7740-38-21.45 mg/l TCLPNickel7440-02-03.9811.0 mg/l TCLPVanadium7440-62-24.31.6 mg/l TCLPReactive sulfidesNADEACTDEACT
K172

Spent hydrorefining catalyst from petroleum refining operations, including guard beds used to desulfurize feeds to other catalytic reactors. (This listing does not include inert support media.)

Benzene71-43-20.1410Ethyl benzene100-41-40.05710Toluene (Methyl Benzene)108-88-30.08010Xylenes (Total)1330-20-70.3230Antimony7740-36-01.91.15 mg/l TCLPArsenic7740-38-21.45 mg/l TCLPNickel7440-02-03.9811.0 mg/l TCLPVanadium7440-62-24.31.6 mg/l TCLPReactive SulfidesNADEACTDEACT
K174

Wastewater treatment sludge from the production of ethylene dichloride or vinyl chloride monomer.

1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-HpCDD)35822-46-90.000035 or CMBST110.0025 or CMBST111,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-HpCDF)67562-39-40.000035 or CMBST110.0025 or CMBST111,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-HpCDF)55673-89-70.000035 or CMBST110.0025 or CMBST11All hexachlorodibenzo-p-dioxins (HxCDDs)34465-46-80.000063 or CMBST110.001 or CMBST11All hexachlorodibenzofurans (HxCDFs)55684-94-10.000063 or CMBST110.001 or CMBST111,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (1,2,3,4,6,7,8,9-OCDD)3268-87-90.000063 or CMBST110.005 or CMBST111,2,3,4,6,7,8,9-Octachlorodibenzofuran (1,2,3,4,6,7,8,9-OCDF)39001-02-00.000063 or CMBST110.005 or CMBST11All pentachlorodibenzo-p-dioxins (PeCDDs)36088-22-90.000063 or CMBST110.001 or CMBST11All pentachlorodibenzofurans (PeCDFs)30402-15-40.000035 or CMBST110.001 or CMBST11All tetrachlorodibenzo-p-dioxins (TCDDs)41903-57-50.000063 or CMBST110.001 or CMBST11All tetrachlorodibenzofurans (TCDFs)55722-27-50.000063 or CMBST110.001 or CMBST11Arsenic7440-36-01.45.0 mg/l TCLP
K175

Wastewater treatment sludge from the production of vinyl chlorolide monomer using mercuric chloride catalyst in an acetylene-based process.

Mercury127439-97-6NA0.025 mg/l TCLPPH12NAPH ? 6.0
K175

All K175 wastewaters.

Mercury7439-97-60.15NA
K176

Baghouse filters from the production of antimony oxide, including filters from the production of intermediates e.g., antimony metal or crude antimony oxide).

Antimony7440-36-01.91.15 mg/l TCLPArsenic7440-38-21.45.0 mg/l TCLPCadmium7440-43-90.690.11 mg/l TCLPLead7439-92-10.690.75 mg/l TCLP Mercury7439-97-60.150.025 mg/l TCLP
K177

Slag from the production of antimony oxide that is speculatively accumulated or disposed, including slag from the production of intermediates (e.g., antimony metal or crude antimony oxide).

Antimony7440-36-01.91.15 mg/l TCLPArsenic7440-38-21.45.0 mg/l TCLPLead7439-92-10.690.75 mg/l TCLP
K178

Residues from manufacturing and manufacturing-site storage of ferric chloride from acids formed during the production of titanium dioxide using the chloride-ilmenite process.

1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-HpCDD)35822-46-90.000035 or CMBST110.0025 or CMBST111,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-HpCDF)67562-39-40.000035 or CMBST110.0025 or CMBST111,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-HpCDF)55673-89-70.000035 or CMBST110.0025 or CMBST11HxCDDs (All Hexachlorodibenzo-p-dioxins)34465-46-80.000063 or CMBST110.001 or CMBST11HxCDFs (All Hexachlorodibenzofurans)55684-94-10.000063 or CMBST110.001 or CMBST111,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (1,2,3,4,6,7,8,9-OCDD)3268-87-90.000063 or CMBST110.005 or CMBST111,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)39001-02-00.000063 or CMBST110.005 or CMBST11PeCDDs (All Pentachlorodibenzo-p-dioxins)36088-22-90.000063 or CMBST110.001 or CMBST11PeCDFs (All Pentachlorodibenzofurans)30402-15-40.000035 or CMBST110.001 or CMBST11TCDDs (All Tetrachlorodibenzo-p-dioxins)41903-57-50.000063 or CMBST110.001 or CMBST11TCDFs (All Tetrachlorodibenzofurans)55722-27-50.000063 or CMBST110.001 or CMBST11Thallium7440-28-01.40.20 mg/l TCLP
K181

Nonwastewaters from the production of dyes or pigments (including nonwastewaters commingled at the point of generation with nonwastewaters from other processes) that, at the point of generation, contain mass loadings of any of the constituents identified in Section 721.132(c) which are equal to or greater than the corresponding Section 721.132(c) levels, as determined on a calendar-year basis.

Aniline62-53-30.8114o-Anisidine (2-methoxyaniline)90-04-00.0100.664-Chloroaniline106-47-80.4616p-Cresidine120-71-80.0100.662,4-Dimethylaniline (2,4-

xylylidine)95-68-10.0100.661,2-Phenylenediamine95-54-5CMBST; or CHOXD fb (BIODG or CARBN); or BIODG fb CARBNCMBST; or CHOXD fb (BIODG or CARBN); or BIODG fb CARBN1,3-Phenylenediamine108-45-20.0100.66
P001

Warfarin, & salts, when present at concentrations greater than 0.3 percent.

Warfarin81-81-2(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P002

1-Acetyl-2-thiourea.
1-Acetyl-2-thiourea591-08-2(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P003

Acrolein.

Acrolein107-02-80.29CMBST
P004

Aldrin.

Aldrin309-00-20.0210.066
P005

Allyl alcohol.

Allyl alcohol107-18-6(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P006

Aluminum phosphide.

Aluminum phosphide20859-73-8CHOXD; CHRED; or CMBSTCHOXD; CHRED; or CMBST
P007

5-Aminomethyl-3-isoxazolol.

5-Aminomethyl-3-isoxazolol2763-96-4(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P008

4-Aminopyridine.

4-Aminopyridine504-24-5(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P009

Ammonium picrate.

Ammonium picrate131-74-8CHOXD; CHRED; CARBN; BIODG; or CMBSTCHOXD; CHRED; or CMBST
P010

Arsenic acid.

Arsenic7440-38-21.45.0 mg/l TCLP
P011

Arsenic pentoxide.

Arsenic7440-38-21.45.0 mg/l TCLP
P012

Arsenic trioxide.

Arsenic7440-38-21.45.0 mg/l TCLP
P013

Barium cyanide.

Barium7440-39-3NA21 mg/l TCLPCyanides (Total)757-12-51.2590Cyanides
(Amenable)757-12-50.8630
P014

Thiophenol (Benzene thiol).

Thiophenol (Benzene thiol)108-98-5(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P015

Beryllium dust.

Beryllium7440-41-7RMETL;or RTHRMRMETL; or RTHRM
P016

Dichloromethyl ether (Bis(chloromethyl)ether).

Dichloromethyl ether542-88-1(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P017

Bromoacetone.

Bromoacetone598-31-2(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P018

Brucine.

Brucine357-57-3(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P020

2-sec-Butyl-4,6-dinitrophenol (Dinoseb).

2-sec-Butyl-4,6-dinitrophenol (Dinoseb)88-85-70.0662.5
P021

Calcium cyanide.

Cyanides (Total)757-12-51.2590Cyanides (Amenable)757-12-50.8630
P022

Carbon disulfide.

Carbon disulfide75-15-03.8CMBSTCarbon disulfide; alternate6 standard for
nonwastewaters only75-15-0NA4.8 mg/l TCLP
P023

Chloroacetaldehyde.

Chloroacetaldehyde 107-20-0 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P024

p-Chloroaniline.

p-Chloroaniline 106-47-80.4616
P026

1-(o-Chlorophenyl)thiourea.

1-(o-Chlorophenyl)thiourea 5344-82-1 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P027

3-Chloropropionitrile.

3-Chloropropionitrile 542-76-7 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P028

Benzyl chloride.

Benzyl chloride 100-44-7 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P029

Copper cyanide.

Cyanides (Total) 757-12-51.2590 Cyanides (Amenable) 757-12-50.8630
P030

Cyanides (soluble salts and complexes).

Cyanides (Total) 757-12-51.2590 Cyanides (Amenable) 757-12-50.8630
P031

Cyanogen.

Cyanogen 460-19-5 (CHOXD; WETOX; or CMBSTCHOXD; WETOX; or CMBST)
P033

Cyanogen chloride.

Cyanogen chloride 506-77-4 (CHOXD; WETOX; or CMBSTCHOXD; WETOX; or CMBST)
P034

2-Cyclohexyl-4,6-dinitrophenol.

2-Cyclohexyl-4,6-dinitrophenol 131-89-5 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P036

Dichlorophenylarsine.

Arsenic 7440-38-21.45.0 mg/l TCLP
P037

Dieldrin.

Dieldrin 60-57-10.0170.13
P038

Diethylarsine.

Arsenic7440-38-21.45.0 mg/l TCLP
P039

Disulfoton.

Disulfoton298-04-40.0176.2
P040

O,O-Diethyl-O-pyrazinyl-phosphorothioate.

O,O-Diethyl-O-pyrazinylphosphorothioate297-97-2CARBN; or CMBSTCMBST
P041

Diethyl-p-nitrophenyl phosphate.

Diethyl-p-nitrophenyl phosphate311-45-5CARBN; or CMBSTCMBST
P042

Epinephrine.

Epinephrine51-43-4(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P043

Diisopropylfluorophosphate (DFP).

Diisopropylfluorophosphate (DFP)55-91-4CARBN; or CMBSTCMBST
P044

Dimethoate.

Dimethoate60-51-5CARBN; or CMBSTCMBST
P045

Thiofanox.

Thiofanox39196-18-4(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P046

, -Dimethylphenethylamine.

, -Dimethylphenethylamine122-09-8(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P047

4,6-Dinitro-o-cresol.

4,6-Dinitro-o-cresol543-52-10.28160
P047

4,6-Dinitro-o-cresol salts.

NANA(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P048

2,4-Dinitrophenol.

2,4-Dinitrophenol51-28-50.12160
P049

Dithiobiuret.

Dithiobiuret541-53-7(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P050

Endosulfan.

Endosulfan I939-98-80.0230.066Endosulfan II33213-6-50.0290.13Endosulfan
sulfate1031-07-80.0290.13
P051

Endrin.

Endrin72-20-80.00280.13Endrin aldehyde7421-93-40.0250.13
P054

Aziridine.

Aziridine151-56-4(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P056

Fluorine.

Fluoride (measured in wastewaters only)16964-48-835ADGAS fb NEUTR
P057

Fluoroacetamide.

Fluoroacetamide640-19-7(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P058

Fluoroacetic acid, sodium salt.

Fluoroacetic acid, sodium salt62-74-8(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P059

Heptachlor.

Heptachlor76-44-80.00120.066Heptachlor epoxide1024-57-30.0160.066
P060

Isodrin.

Isodrin465-73-60.0210.066
P062

Hexaethyl tetraphosphate.

Hexaethyl tetraphosphate757-58-4CARBN; or CMBSTCMBST
P063

Hydrogen cyanide.

Cyanides (Total)757-12-51.2590Cyanides (Amenable)757-12-50.8630

P064

Isocyanic acid, ethyl ester.

Isocyanic acid, ethyl ester 624-83-9 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P065

P065 (mercury fulminate) nonwastewaters, regardless of their total mercury content, that are not incinerator residues or are not residues from RMERC.

Mercury 7439-97-6 NAIMERC
P065

P065 (mercury fulminate) nonwastewaters that are either incinerator residues or are residues from RMERC; and contain greater than or equal to 260 mg/kg total mercury.

Mercury 7339-97-6 NARMERC
P065

P065 (mercury fulminate) nonwastewaters that are residues from RMERC and contain less than 260 mg/kg total mercury.

Mercury 7439-97-6 NA 0.20 mg/l TCLP
P065

P065 (mercury fulminate) nonwastewaters that are incinerator residues and contain less than 260 mg/kg total mercury.

Mercury 7439-97-6 NA 0.025 mg/l TCLP
P065

All P065 (mercury fulminate) wastewaters.

Mercury 7439-97-60.15NA
P066

Methomyl.

Methomyl 16752-77-5 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P067

2-Methyl-aziridine.

2-Methyl-aziridine 75-55-8 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P068

Methyl hydrazine.

Methyl hydrazine
60-34-4 CHOXD; CHRED; CARBN; BIODG; or CMBSTCHOXD; CHRED, or CMBST
P069

2-Methyl lactonitrile.

2-Methyl lactonitrile
75-86-5 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST

P070

Aldicarb.

Aldicarb116-06-3 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P071

Methyl parathion.

Methyl parathion298-00-00.0144.6
P072

1-Naphthyl-2-thiourea.

1-Naphthyl-2-thiourea86-88-4 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P073

Nickel carbonyl.

Nickel7440-02-03.9811 mg/l TCLP
P074

Nickel cyanide.

Cyanides (Total)757-12-51.2590Cyanides (Amenable)757-12-50.8630Nickel7440-02-
03.9811 mg/l TCLP
P075

Nicotine and salts.

Nicotine and salts54-11-5 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P076

Nitric oxide.

Nitric oxide10102-43-9ADGASADGAS
P077

p-Nitroaniline.

p-Nitroaniline100-01-60.02828
P078

Nitrogen dioxide.

Nitrogen dioxide10102-44-0ADGASADGAS
P081

Nitroglycerin.

Nitroglycerin55-63-0CHOXD; CHRED; CARBN; BIODG or CMBSTCHOXD; CHRED; or CMBST
P082

N-Nitrosodimethylamine.

N-Nitrosodimethylamine62-75-90.402.3
P084

N-Nitrosomethylvinylamine.

N-Nitrosomethylvinylamine4549-40-0(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P085

Octamethylpyrophosphoramide.

Octamethylpyrophosphoramide152-16-9CARBN; or CMBSTCMBST
P087

Osmium tetroxide.

Osmium tetroxide20816-12-0RMETL; or RTHRMRMETL; or RTHRM
P088

Endothall.

Endothall145-73-3(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P089

Parathion.

Parathion56-38-20.0144.6
P092

P092 (phenyl mercuric acetate) nonwastewaters, regardless of their total mercury content, that are not incinerator residues or are not residues from RMERC.

Mercury7439-97-6NAIMERC; or RMERC
P092

P092 (phenyl mercuric acetate) nonwastewaters that are either incinerator residues or are residues from RMERC; and still contain greater than or equal to 260 mg/kg total mercury.

Mercury7439-97-6NARMERC
P092

P092 (phenyl mercuric acetate) nonwastewaters that are residues from RMERC and contain less than 260 mg/kg total mercury.

Mercury7439-97-6NA0.20 mg/l TCLP
P092

P092 (phenyl mercuric acetate) nonwastewaters that are incinerator residues and contain less than 260 mg/kg total mercury.

Mercury7439-97-6NA0.025 mg/l TCLP
P092

All P092 (phenyl mercuric acetate) wastewaters.

Mercury7439-97-60.15NA
P093

Phenylthiourea.

Phenylthiourea103-85-5(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P094

Phorate.

Phorate298-02-20.0214.6
P095

Phosgene.

Phosgene75-44-5(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P096

Phosphine.

Phosphine7803-51-2CHOXD; CHRED; or CMBSTCHOXD; CHRED; or CMBST
P097

Famphur.

Famphur52-85-70.01715
P098

Potassium cyanide.

Cyanides (Total)757-12-51.2590Cyanides (Amenable)757-12-50.8630
P099

Potassium silver cyanide.

Cyanides (Total)757-12-51.2590Cyanides (Amenable)757-12-50.8630Silver7440-22-
40.430.14 mg/l TCLP
P101

Ethyl cyanide (Propanenitrile).

Ethyl cyanide (Propanenitrile)107-12-00.24360
P102

Propargyl alcohol.

Propargyl alcohol107-19-7(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P103

Selenourea.

Selenium7782-49-20.825.7 mg/l TCLP
P104

Silver cyanide.

Cyanides (Total)757-12-51.2590Cyanides (Amenable)757-12-50.8630Silver7440-22-
40.430.14 mg/l TCLP
P105

Sodium azide.

Sodium azide 26628-22-8 CHOXD; CHRED; CARBN; BIODG; or CMBSTCHOXD; CHRED; or CMBST
P106

Sodium cyanide.

Cyanides (Total) 757-12-51.2590 Cyanides (Amenable) 757-12-50.8630
P108

Strychnine and salts.

Strychnine and salts 57-24-9 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P109

Tetraethyldithiopyrophosphate.

Tetraethyldithiopyrophosphate 3689-24-5 CARBN; or CMBSTCMBST
P110

Tetraethyl lead.

Lead 7439-92-10.690.75 mg/l TCLP
P111

Tetraethylpyrophosphate.

Tetraethylpyrophosphate 107-49-3 CARBN; or CMBSTCMBST
P112

Tetranitromethane.

Tetranitromethane 509-14-8 CHOXD; CHRED; CARBN; BIODG; or CMBSTCHOXD; CHRED; or
CMBST
P113

Thallic oxide.

Thallium (measured in wastewaters only) 7440-28-01.4RTHRM; or STABL
P114

Thallium selenite.

Selenium 7782-49-20.825.7 mg/l TCLP
P115

Thallium (I) sulfate.

Thallium (measured in wastewaters only) 7440-28-01.4RTHRM; or STABL
P116

Thiosemicarbazide.

Thiosemicarbazide 79-19-6 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P118

Trichloromethanethiol.

Trichloromethanethiol 175-70-7 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P119

Ammonium vanadate.

Vanadium (measured in wastewaters only) 7440-62-24.3 STABL
P120

Vanadium pentoxide.

Vanadium (measured in wastewaters only) 7440-62-24.3 STABL
P121

Zinc cyanide.

Cyanides (Total) 757-12-51.2590 Cyanides (Amenable) 757-12-50.8630
P122

Zinc phosphide Zn₃P₂, when present at concentrations greater than 10 percent.

Zinc Phosphide 1314-84-7 CHOXD; CHRED; or CMBSTCHOXD; CHRED; or CMBST
P123

Toxaphene.

Toxaphene 8001-35-20.00952.6
P127

Carbofuran.

Carbofuran 1563-66-20.0060.14
P128

Mexacarbate.

Mexacarbate 315-18-40.0561.4
P185

Tirpate.10

Tirpate 26419-73-80.0560.28
P188

Physostigimine salicylate.

Physostigimine salicylate 57-64-70.0561.4
P189

Carbosulfan.

Carbosulfan 55285-14-80.0281.4
P190

Metolcarb.

Metolcarb 1129-41-50.0561.4
P191

Dimetilan.10

Dimetilan644-64-40.0561.4
P192

Isolan.10

Isolan119-38-00.0561.4
P194
Oxamyl.

Oxamyl23135-22-00.0560.28
P196

Manganese dimethyldithiocarbamates (total).

Dithiocarbamates (total)NA0.02828
P197

Formparanate.10

Formparanate17702-57-70.0561.4
P198

Formetanate hydrochloride.

Formetanate hydrochloride23422-53-90.0561.4
P199

Methiocarb.

Methiocarb2032-65-70.0561.4
P201

Promecarb.

Promecarb2631-37-00.0561.4
P202

m-Cumenyl methylcarbamate.

m-Cumenyl methylcarbamate64-00-60.0561.4
P203

Aldicarb sulfone.

Aldicarb sulfone1646-88-40.0560.28
P204

Physostigmine.

Physostigmine57-47-60.0561.4
P205

Ziram.

Dithiocarbamates (total)NA0.02828
U001

Acetaldehyde.

Acetaldehyde75-07-0(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U002

Acetone.

Acetone67-64-10.28160
U003

Acetonitrile.

Acetonitrile75-05-85.6CMBSTAcetonitrile; alternate6 standard for nonwastewaters
only75-05-8NA38
U004

Acetophenone.

Acetophenone98-86-20.0109.7
U005

2-Acetylaminofluorene.

2-Acetylaminofluorene53-96-30.059140
U006

Acetyl chloride.

Acetyl chloride75-36-5(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U007

Acrylamide.

Acrylamide79-06-1(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U008

Acrylic acid.

Acrylic acid79-10-7(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U009

Acrylonitrile.

Acrylonitrile107-13-10.2484
U010

Mitomycin C.

Mitomycin C50-07-7(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U011

Amitrole.

Amitrole61-82-5(WETOX or CHOXD) fb CARBN; or CMBSTCMBST

U012

Aniline.

Aniline62-53-30.8114

U014

Auramine.

Auramine492-80-8(WETOX or CHOXD) fb CARBN; or CMBSTCMBST

U015

Azaserine.

Azaserine115-02-6(WETOX or CHOXD) fb CARBN; or CMBSTCMBST

U016

Benz(c)acridine.

Benz(c)acridine225-51-4(WETOX or CHOXD) fb CARBN; or CMBSTCMBST

U017

Benzal chloride.

Benzal chloride98-87-3(WETOX or CHOXD) fb CARBN; or CMBSTCMBST

U018

Benz(a)anthracene.

Benz(a)anthracene56-55-30.0593.4

U019

Benzene.

Benzene71-43-20.1410

U020

Benzenesulfonyl chloride.

Benzenesulfonyl chloride98-09-9(WETOX or CHOXD) fb CARBN; or CMBSTCMBST

U021

Benzidine.

Benzidine92-87-5(WETOX or CHOXD) fb CARBN; or CMBSTCMBST

U022

Benzo(a)pyrene.

Benzo(a)pyrene50-32-80.0613.4

U023

Benzotrichloride.

Benzotrichloride98-07-7CHOXD; CHRED; CARBN; BIODG; or CMBSTCHOXD; CHRED; or

CMBST

U024

bis(2-Chloroethoxy)methane.

bis(2-Chloroethoxy)methane111-91-10.0367.2
U025

bis(2-Chloroethyl)ether.

bis(2-Chloroethyl)ether111-44-40.0336.0
U026

Chlornaphazine.

Chlornaphazine494-03-1(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U027

bis(2-Chloroisopropyl)ether.

bis(2-Chloroisopropyl)ether39638-32-90.0557.2
U028

bis(2-Ethylhexyl)phthalate.

bis(2-Ethylhexyl)phthalate117-81-70.2828
U029

Methyl bromide (Bromomethane).

Methyl bromide (Bromomethane)74-83-90.1115
U030

4-Bromophenyl phenyl ether.

4-Bromophenyl phenyl ether101-55-30.05515
U031

n-Butyl alcohol.

n-Butyl alcohol71-36-35.62.6
U032

Calcium chromate.

Chromium (Total)7440-47-32.770.60 mg/l TCLP
U033

Carbon oxyfluoride.

Carbon oxyfluoride353-50-4(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U034

Trichloroacetaldehyde (Chloral).

Trichloroacetaldehyde (Chloral)75-87-6(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U035

Chlorambucil.

Chlorambucil 305-03-3 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U036

Chlordane.

Chlordane (and isomers) 57-74-90.00330.26
U037

Chlorobenzene.

Chlorobenzene 108-90-70.0576.0
U038

Chlorobenzilate.

Chlorobenzilate 510-15-60.10CMBST
U039

p-Chloro-m-cresol.

p-Chloro-m-cresol 59-50-70.01814
U041

Epichlorohydrin (1-Chloro-2,3-epoxypropane).

Epichlorohydrin (1-Chloro-2,3-epoxypropane) 106-89-8 (WETOX or CHOXD) fb CARBN; or
CMBSTCMBST
U042

2-Chloroethyl vinyl ether.

2-Chloroethyl vinyl ether 110-75-80.062CMBST
U043

Vinyl chloride.

Vinyl chloride 75-01-40.276.0
U044

Chloroform.

Chloroform 67-66-30.0466.0
U045

Chloromethane (Methyl chloride).

Chloromethane (Methyl chloride) 74-87-30.1930
U046

Chloromethyl methyl ether.

Chloromethyl methyl ether 107-30-2 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U047

2-Chloronaphthalene.

2-Chloronaphthalene91-58-70.0555.6
U048

2-Chlorophenol.

2-Chlorophenol95-57-80.0445.7
U049

4-Chloro-o-toluidine hydrochloride.

4-Chloro-o-toluidine hydrochloride3165-93-3 (WETOX or CHOXD) fb CARBN; or
CMBSTCMBST
U050

Chrysene.

Chrysene218-01-90.0593.4
U051

Creosote.

Naphthalene91-20-30.0595.6Pentachlorophenol87-86-50.0897.4Phenanthrene85-01-
80.0595.6Pyrene129-00-00.0678.2Toluene108-88-30.08010Xylenes-mixed isomers
(sum of o-, m-, and p-xylene concentrations)1330-20-70.3230Lead7439-92-10.690.75
mg/l TCLP
U052

Cresols (Cresylic acid).

o-Cresol95-48-70.115.6m-Cresol (difficult to distinguish from p-cresol)108-39-
40.775.6p-Cresol (difficult to distinguish from m-cresol)106-44-50.775.6Cresol-
mixed isomers (Cresylic acid)
(sum of o-, m-, and p-cresol concentrations)1319-77-30.8811.2
U053

Crotonaldehyde.

Crotonaldehyde4170-30-3 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U055

Cumene.

Cumene98-82-8 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U056

Cyclohexane.

Cyclohexane110-82-7 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U057

Cyclohexanone.

Cyclohexanone108-94-10.36CMBSTCyclohexanone; alternate6 standard for
nonwastewaters only108-94-1NA0.75 mg/l TCLP
U058

Cyclophosphamide.

Cyclophosphamide50-18-0CARBN; or CMBSTCMBST
U059

Daunomycin.

Daunomycin20830-81-3(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U060

DDD.

o,p'-DDD53-19-00.0230.087p,p'-DDD72-54-80.0230.087
U061

DDT.

o,p'-DDT789-02-60.00390.087p,p'-DDT50-29-30.00390.087o,p'-DDD53-19-
00.0230.087p,p'-DDD72-54-80.0230.087o,p'-DDE3424-82-60.0310.087p,p'-DDE72-55-
90.0310.087
U062

Diallate.

Diallate2303-16-4(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U063

Dibenz(a,h)anthracene.

Dibenz(a,h)anthracene53-70-30.0558.2
U064

Dibenz(a,i)pyrene.

Dibenz(a,i)pyrene189-55-9(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U066

1,2-Dibromo-3-chloropropane.

1,2-Dibromo-3-chloropropane96-12-80.1115
U067

Ethylene dibromide (1,2-Dibromoethane).

Ethylene dibromide (1,2-Dibromoethane)106-93-40.02815
U068

Dibromomethane.

Dibromomethane74-95-30.1115
U069

Di-n-butyl phthalate.

Di-n-butyl phthalate84-74-20.05728
U070

o-Dichlorobenzene.

o-Dichlorobenzene95-50-10.0886.0
U071

m-Dichlorobenzene.

m-Dichlorobenzene541-73-10.0366.0
U072

p-Dichlorobenzene.

p-Dichlorobenzene106-46-70.0906.0
U073

3,3'-Dichlorobenzidine.

3,3'-Dichlorobenzidine91-94-1(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U074

1,4-Dichloro-2-butene.

cis-1,4-Dichloro-2-butene1476-11-5(WETOX or CHOXD) fb CARBN; or CMBSTCMBSTtrans-
1,4-Dichloro-2-butene764-41-0(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U075

Dichlorodifluoromethane.

Dichlorodifluoromethane75-71-80.237.2
U076

1,1-Dichloroethane.

1,1-Dichloroethane75-34-30.0596.0
U077

1,2-Dichloroethane.

1,2-Dichloroethane107-06-20.216.0
U078

1,1-Dichloroethylene.

1,1-Dichloroethylene75-35-40.0256.0
U079

1,2-Dichloroethylene.

trans-1,2-Dichloroethylene156-60-50.05430
U080

Methylene chloride.

Methylene chloride75-09-20.08930
U081

2,4-Dichlorophenol.

2,4-Dichlorophenol120-83-20.04414
U082

2,6-Dichlorophenol.

2,6-Dichlorophenol87-65-00.04414
U083

1,2-Dichloropropane.

1,2-Dichloropropane78-87-50.8518
U084

1,3-Dichloropropylene.

cis-1,3-Dichloropropylene10061-01-50.03618trans-1,3-Dichloropropylene10061-02-
60.03618
U085

1,2:3,4-Diepoxybutane.

1,2:3,4-Diepoxybutane1464-53-5(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U086

N,N'-Diethylhydrazine.

N,N'-Diethylhydrazine1615-80-1CHOXD; CHRED; CARBN; BIODG; or CMBSTCHOXD; CHRED;
or CMBST
U087

O,O-Diethyl-S-methyldithiophosphate.

O,O-Diethyl-S-methyldithiophosphate3288-58-2CARBN; or CMBSTCMBST
U088

Diethyl phthalate.

Diethyl phthalate84-66-20.2028
U089

Diethyl stilbestrol.

Diethyl stilbestrol56-53-1(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U090

Dihydrosafrole.

Dihydrosafrole94-58-6(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U091

3,3'-Dimethoxybenzidine.

3,3'-Dimethoxybenzidine119-90-4(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U092

Dimethylamine.

Dimethylamine124-40-3(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U093

p-Dimethylaminoazobenzene.

p-Dimethylaminoazobenzene60-11-70.13CMBST
U094

7,12-Dimethylbenz(a)anthracene.

7,12-Dimethylbenz(a)anthracene57-97-6(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U095

3,3'-Dimethylbenzidine.

3,3'-Dimethylbenzidine119-93-7(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U096

, -Dimethyl benzyl hydroperoxide.

, -Dimethyl benzyl hydroperoxide80-15-9CHOXD; CHRED; CARBN; BIODG; or
CMBSTCHOXD; CHRED; or CMBST
U097

Dimethylcarbamoyl chloride.

Dimethylcarbamoyl chloride79-44-7(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U098

1,1-Dimethylhydrazine.

1,1-Dimethylhydrazine57-14-7CHOXD; CHRED; CARBN; BIODG; or CMBSTCHOXD; CHRED; or
CMBST
U099

1,2-Dimethylhydrazine.

1,2-Dimethylhydrazine540-73-8CHOXD; CHRED; CARBN; BIODG; or CMBSTCHOXD; CHRED;
or CMBST
U101

2,4-Dimethylphenol.

2,4-Dimethylphenol105-67-90.03614
U102

Dimethyl phthalate.

Dimethyl phthalate131-11-30.04728
U103

Dimethyl sulfate.

Dimethyl sulfate77-78-1CHOXD; CHRED; CARBN; BIODG; or CMBSTCHOXD; CHRED; or
CMBST
U105

2,4-Dinitrotoluene.

2,4-Dinitrotoluene121-14-20.32140
U106

2,6-Dinitrotoluene.

2,6-Dinitrotoluene606-20-20.5528
U107

Di-n-octyl phthalate.

Di-n-octyl phthalate117-84-00.01728
U108

1,4-Dioxane.

1,4-Dioxane123-91-1(WETOX or CHOXD) fb CARBN; or CMBSTCMBST1,4-Dioxane;
alternate6 standard for nonwastewaters only123-91-112.0170
U109

1,2-Diphenylhydrazine.

1,2-Diphenylhydrazine122-66-7CHOXD; CHRED; CARBN; BIODG; or CMBSTCHOXD; CHRED;
or CMBST1,2-Diphenylhydrazine; alternate6 standard for wastewaters only122-66-
70.087NA
U110

Dipropylamine.

Dipropylamine142-84-7(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U111

Di-n-propylnitrosamine.

Di-n-propylnitrosamine621-64-70.4014
U112

Ethyl acetate.

Ethyl acetate141-78-60.3433
U113

Ethyl acrylate.

Ethyl acrylate140-88-5(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U114

Ethylenebisdithiocarbamic acid salts and esters.

Ethylenebisdithiocarbamic acid111-54-6(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U115

Ethylene oxide.

Ethylene oxide75-21-8(WETOX or CHOXD) fb CARBN; or CMBSTCHOXD; or CMBSTEthylene
oxide; alternate6 standard for wastewaters only75-21-80.12NA

U116

Ethylene thiourea.

Ethylene thiourea96-45-7(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U117

Ethyl ether.

Ethyl ether60-29-70.12160
U118

Ethyl methacrylate.

Ethyl methacrylate97-63-20.14160
U119

Ethyl methane sulfonate.

Ethyl methane sulfonate62-50-0(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U120

Fluoranthene.

Fluoranthene206-44-00.0683.4
U121

Trichloromonofluoromethane.

Trichloromonofluoromethane75-69-40.02030
U122

Formaldehyde.

Formaldehyde50-00-0(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U123

Formic acid.

Formic acid64-18-6(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U124

Furan.

Furan110-00-9(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U125

Furfural.

Furfural98-01-1(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U126

Glycidylaldehyde.

Glycidylaldehyde765-34-4(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U127

Hexachlorobenzene.

Hexachlorobenzene118-74-10.05510
U128

Hexachlorobutadiene.

Hexachlorobutadiene87-68-30.0555.6
U129

Lindane.

-BHC319-84-60.000140.066-BHC319-85-70.000140.066-BHC319-86-80.0230.066?-BHC
(Lindane)58-89-90.00170.066
U130

Hexachlorocyclopentadiene.

Hexachlorocyclopentadiene77-47-40.0572.4
U131

Hexachloroethane.

Hexachloroethane67-72-10.05530
U132

Hexachlorophene.

Hexachlorophene70-30-4(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U133

Hydrazine.

Hydrazine302-01-2CHOXD; CHRED; CARBN; BIODG; or CMBSTCHOXD; CHRED; or CMBST
U134

Hydrogen fluoride.

Fluoride (measured in wastewaters only)7664-39-~~335~~
35ADGAS fb NEUTR; or NEUTR
U135

Hydrogen sulfide.

Hydrogen sulfide7783-06-4CHOXD; CHRED; or CMBSTCHOXD; CHRED; or CMBST
U136

Cacodylic acid.

Arsenic7440-38-21.45.0 mg/l TCLP
U137

Indeno(1,2,3-cd)pyrene.

Indeno(1,2,3-cd)pyrene
193-39-50.00553.4

U138

Iodomethane.

Iodomethane74-88-40.1965

U140

Isobutyl alcohol.

Isobutyl alcohol78-83-15.6170

U141

Isosafrole.

Isosafrole120-58-10.0812.6

U142

Kepone.

Keponel43-50-80.00110.13

U143

Lasiocarpine.

Lasiocarpine303-34-4(WETOX or CHOXD) fb CARBN; or CMBSTCMBST

U144

Lead acetate.

Lead7439-92-10.690.75 mg/l TCLP

U145

Lead phosphate.

Lead7439-92-10.690.75 mg/l TCLP

U146

Lead subacetate.

Lead7439-92-10.690.75 mg/l TCLP

U147

Maleic anhydride.

Maleic anhydride108-31-6(WETOX or CHOXD) fb CARBN; or CMBSTCMBST

U148

Maleic hydrazide.

Maleic hydrazide123-33-1(WETOX or CHOXD) fb CARBN; or CMBSTCMBST

U149

Malononitrile.

Malononitrile109-77-3(WETOX or CHOXD) fb CARBN; or CMBSTCMBST

U150

Melphalan.

Melphalan148-82-3(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U151

U151 (mercury) nonwastewaters that contain greater than or equal to 260 mg/kg total mercury.

Mercury7439-97-6NARMERC
U151

U151 (mercury) nonwastewaters that contain less than 260 mg/kg total mercury and that are residues from RMERC only.

Mercury7439-97-6NA0.20 mg/l TCLP
U151

U151 (mercury) nonwastewaters that contain less than 260 mg/kg total mercury and that are not residues from RMERC only.

Mercury7439-97-6NA0.025 mg/l TCLP
U151

All U151 (mercury) wastewater.

Mercury7439-97-60.15NA
U151

Elemental Mercury Contaminated with Radioactive Materials.

Mercury7439-97-6NAAMLGM
U152

Methacrylonitrile.

Methacrylonitrile126-98-70.2484
U153

Methanethiol.

Methanethiol74-93-1(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U154

Methanol.

Methanol67-56-1(WETOX or CHOXD) fb CARBN; or CMBSTCMBSTMethanol; alternate6 set of standards for both wastewaters and nonwastewaters67-56-15.60.75 mg/l TCLP
U155

Methapyrilene.

Methapyrilene91-80-50.0811.5
U156

Methyl chlorocarbonate.

Methyl chlorocarbonate79-22-1(WETOX or CHOXD) fb CARBN; or CMBSTCMBST

U157

3-Methylcholanthrene.

3-Methylcholanthrene56-49-50.005515

U158

4,4'-Methylene bis(2-chloroaniline).

4,4'-Methylene bis(2-chloroaniline)101-14-40.5030

U159

Methyl ethyl ketone.

Methyl ethyl ketone78-93-30.2836

U160

Methyl ethyl ketone peroxide.

Methyl ethyl ketone peroxide1338-23-4CHOXD; CHRED; CARBN; BIODG; or CMBSTCHOXD;
CHRED; or CMBST

U161

Methyl isobutyl ketone.

Methyl isobutyl ketone108-10-10.1433

U162

Methyl methacrylate.

Methyl methacrylate80-62-60.14160

U163

N-Methyl-N'-nitro-N-nitrosoguanidine.

N-Methyl-N'-nitro-N-nitrosoguanidine70-25-7(WETOX or CHOXD) fb CARBN; or
CMBSTCMBST

U164

Methylthiouracil.

Methylthiouracil56-04-2(WETOX or CHOXD) fb CARBN; or CMBSTCMBST

U165

Naphthalene.

Naphthalene91-20-30.0595.6

U166

1,4-Naphthoquinone.

1,4-Naphthoquinone130-15-4(WETOX or CHOXD) fb CARBN; or CMBSTCMBST

U167

1-Naphthylamine.

1-Naphthylamine134-32-7(WETOX or CHOXD) fb CARBN; or CMBSTCMBST

U168

2-Naphthylamine.

2-Naphthylamine91-59-80.52CMBST
U169

Nitrobenzene.

Nitrobenzene98-95-30.06814
U170

p-Nitrophenol.

p-Nitrophenol100-02-70.1229
U171

2-Nitropropane.

2-Nitropropane79-46-9(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U172

N-Nitrosodi-n-butylamine.

N-Nitrosodi-n-butylamine924-16-30.4017
U173

N-Nitrosodiethanolamine.

N-Nitrosodiethanolamine1116-54-7(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U174

N-Nitrosodiethylamine.

N-Nitrosodiethylamine55-18-50.4028
U176

N-Nitroso-N-ethylurea.

N-Nitroso-N-ethylurea759-73-9(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U177

N-Nitroso-N-methylurea.

N-Nitroso-N-methylurea684-93-5(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U178

N-Nitroso-N-methylurethane.

N-Nitroso-N-methylurethane615-53-2(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U179

N-Nitrosopiperidine.

N-Nitrosopiperidine100-75-40.01335
U180

N-Nitrosopyrrolidine.

N-Nitrosopyrrolidine 930-55-20.01335
U181

5-Nitro-o-toluidine.

5-Nitro-o-toluidine 99-55-80.3228
U182

Paraldehyde.

Paraldehyde 123-63-7 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U183

Pentachlorobenzene.

Pentachlorobenzene 608-93-50.05510
U184

Pentachloroethane.

Pentachloroethane 76-01-7 (WETOX or CHOXD) fb CARBN; or
CMBSTCMBST Pentachloroethane; alternate 6 standards for both wastewaters and
nonwastewaters 76-01-70.0556.0
U185

Pentachloronitrobenzene.

Pentachloronitrobenzene 82-68-80.0554.8
U186

1,3-Pentadiene.

1,3-Pentadiene 504-60-9 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U187

Phenacetin.

Phenacetin 62-44-20.08116
U188

Phenol.

Phenol 108-95-20.0396.2
U189

Phosphorus sulfide.

Phosphorus sulfide 1314-80-3 CHOXD; CHRED; or CMBSTCHOXD; CHRED; or CMBST
U190

Phthalic anhydride.

Phthalic anhydride (measured as Phthalic acid or Terephthalic acid) 100-21-
00.05528 Phthalic anhydride (measured as Phthalic acid or Terephthalic acid) 85-
44-90.05528

U191

2-Picoline.

2-Picoline109-06-8(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U192

Pronamide.

Pronamide23950-58-50.0931.5
U193

1,3-Propane sultone.

1,3-Propane sultone1120-71-4(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U194

n-Propylamine.

n-Propylamine107-10-8(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U196

Pyridine.

Pyridine110-86-10.01416
U197

p-Benzoquinone.

p-Benzoquinone
106-51-4(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U200

Reserpine.

Reserpine50-55-5(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U201

~~Resoreinol~~

Resorcinol.

Resorcinol108-46-3(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U202

~~Saccharin and salts.~~

~~Saccharin81-07-2(WETOX or CHOXD) fb CARBN; or CMBSTCMBST~~

U203

Safrole.

Safrole94-59-70.08122
U204

Selenium dioxide.

Selenium7782-49-20.825.7 mg/l TCLP

U205

Selenium sulfide.

Selenium7782-49-20.825.7 mg/l TCLP

U206

Streptozotocin.

Streptozotocin18883-66-4 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST

U207

1,2,4,5-Tetrachlorobenzene.

1,2,4,5-Tetrachlorobenzene95-94-30.05514

U208

1,1,1,2-

Tetrachloroethane.

1,1,1,2-Tetrachloroethane630-20-60.0576.0

U209

1,1,2,2-Tetrachloroethane.

1,1,2,2-Tetrachloroethane79-34-50.0576.0

U210

Tetrachloroethylene.

Tetrachloroethylene127-18-40.0566.0

U211

Carbon tetrachloride.

Carbon tetrachloride56-23-50.0576.0

U213

Tetrahydrofuran.

Tetrahydrofuran109-99-9 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST

U214

Thallium (I) acetate.

Thallium (measured in wastewaters only)7440-28-01.4RTHRM; or STABL

U215

Thallium (I) carbonate.

Thallium (measured in wastewaters only)7440-28-01.4RTHRM; or STABL

U216

Thallium (I) chloride.

Thallium (measured in wastewaters only)7440-28-01.4RTHRM; or STABL

U217

Thallium (I) nitrate.

Thallium (measured in wastewaters only) 7440-28-01.4RTHRM; or STABL
U218

Thioacetamide.

Thioacetamide 62-55-5 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U219

Thiourea.

Thiourea 62-56-6 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U220

Toluene.

Toluene 108-88-30.08010
U221

Toluenediamine.

Toluenediamine 25376-45-8 CARBN; or CMBSTCMBST
U222

o-Toluidine hydrochloride.

o-Toluidine hydrochloride 636-21-5 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U223

Toluene diisocyanate.

Toluene diisocyanate 26471-62-5 CARBN; or CMBSTCMBST
U225

Bromoform (Tribromomethane).

Bromoform (Tribromomethane) 75-25-20.6315
U226

1,1,1-Trichloroethane.

1,1,1-Trichloroethane 71-55-60.0546.0
U227

1,1,2-Trichloroethane.

1,1,2-Trichloroethane 79-00-50.0546.0
U228

Trichloroethylene.

Trichloroethylene 79-01-60.0546.0
U234

1,3,5-Trinitrobenzene.

1,3,5-Trinitrobenzene 99-35-4 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U235

tris-(2,3-Dibromopropyl)-phosphate.

tris-(2,3-Dibromopropyl)-phosphate126-72-70.110.10
U236

Trypan Blue.

Trypan Blue72-57-1(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U237

Uracil mustard.

Uracil mustard66-75-1(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U238

Urethane (Ethyl carbamate).

Urethane (Ethyl carbamate)51-79-6(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U239

Xylenes.

Xylenes-mixed isomers
(sum of o-, m-, and p-xylene concentrations)1330-20-70.3230
U240

2,4-D (2,4-Dichlorophenoxyacetic acid).

2,4-D (2,4-Dichlorophenoxyacetic acid)94-75-70.72102,4-D (2,4-
Dichlorophenoxyacetic acid) salts and estersNA(WETOX or CHOXD) fb CARBN; or
CMBSTCMBST
U243

Hexachloropropylene.

Hexachloropropylene1888-71-70.03530
U244

Thiram.

Thiram137-26-8(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U246

Cyanogen bromide.

Cyanogen bromide506-68-3CHOXD; WETOX; or CMBSTCHOXD; WETOX; or CMBST
U247

Methoxychlor.

Methoxychlor72-43-50.250.18
U248

Warfarin, & salts, when present at concentrations of 0.3 percent or less.

Warfarin81-81-2(WETOX or CHOXD) fb CARBN; or CMBSTCMBST

U249

Zinc phosphide, Zn₃P₂, when present at concentrations of 10 percent or less.

Zinc Phosphide1314-84-7CHOXD; CHRED; or CMBSTCHOXD; CHRED; or CMBST
U271

Benomyl.

Benomyl17804-35-20.0561.4
U278

Bendiocarb.

Bendiocarb22781-23-30.0561.4
U279

Carbaryl.

Carbaryl63-25-20.0060.14
U280

Barban.

Barban101-27-90.0561.4
U328

o-Toluidine.

o-Toluidine95-53-4CMBST; or CHOXD fb (BIODG or CARBN); or BIODG fb CARBNCMBST
U353

p-Toluidine.

p-Toluidine106-49-0CMBST; or CHOXD fb (BIODG or CARBN); or BIODG fb CARBNCMBST
U359

2-Ethoxyethanol.

2-Ethoxyethanol110-80-5CMBST; or CHOXD fb (BIODG or CARBN); or BIODG fb
CARBNCMBST
U364

Bendiocarb phenol.10

Bendiocarb phenol22961-82-60.0561.4
U367

Carbofuran phenol.

Carbofuran phenol
1563-38-80.0561.4
U372

Carbendazim.

Carbendazim10605-21-70.0561.4
U373

Propham.

Propham122-42-90.0561.4
U387

Prosulfocarb.

Prosulfocarb52888-80-90.0421.4
U389

Triallate.

Triallate2303-17-50.0421.4
U394

A2213.10

A221330558-43-10.0421.4
U395

Diethylene glycol, dicarbamate.10

Diethylene glycol, dicarbamate5952-26-10.0561.4
U404

Triethylamine.

Triethylamine101-44-80.0811.5
U409

Thiophanate-methyl.

Thiophanate-methyl23564-05-80.0561.4
U410

Thiodicarb.

Thiodicarb59669-26-00.0191.4
U411

Propoxur.

Propoxur114-26-10.0561.4
Notes:

1 The waste descriptions provided in this table do not replace waste descriptions in 35 Ill. Adm. Code 721. Descriptions of Treatment or Regulatory Subcategories are provided, as needed, to distinguish between applicability of different standards.

2 CAS means Chemical Abstract Services. When the waste code or regulated constituents are described as a combination of a chemical with its salts or esters, the CAS number is given for the parent compound only.

3 Concentration standards for wastewaters are expressed in mg/l and are based on analysis of composite samples.

4 All treatment standards expressed as a Technology Code or combination of Technology Codes are explained in detail in Table C of this Part, "Technology Codes and Descriptions of Technology-Based Standards." "fb" inserted between waste codes denotes "followed by," so that the first-listed treatment is followed by the second-listed treatment. A semicolon (;) separates alternative treatment schemes.

5 Except for Metals (EP or TCLP) and Cyanides (Total and Amenable), the nonwastewater treatment standards expressed as a concentration were established, in part, based on incineration in units operated in accordance with the technical requirements of Subpart O of 35 Ill. Adm. Code 724 or Subpart O of 35 Ill. Adm. Code 725 or based on combustion in fuel substitution units operating in accordance with applicable technical requirements. A facility may comply with these treatment standards according to provisions in Section 728.140(d). All concentration standards for nonwastewaters are based on analysis of grab samples.

6 Where an alternate treatment standard or set of alternate standards has been indicated, a facility may comply with this alternate standard, but only for the Treatment or Regulatory Subcategory or physical form (i.e., wastewater or nonwastewater) specified for that alternate standard.

7 Both Cyanides (Total) and Cyanides (Amenable) for nonwastewaters are to be analyzed using Method 9010C or 9012B, in "Test Methods for Evaluating Solid Waste, Physical or Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a), with a sample size of 10 grams and a distillation time of one hour and 15 minutes.

8 These wastes, when rendered non-hazardous and then subsequently managed in CWA or CWA-equivalent systems, are not subject to treatment standards. (See Section 728.101(c)(3) and (c)(4).)

9 These wastes, when rendered non-hazardous and then subsequently injected in a Class I SDWA well, are not subject to treatment standards. (See 35 Ill. Adm. Code 738.101(d).)

10 The treatment standard for this waste may be satisfied by either meeting the constituent concentrations in the table in this Section or by treating the waste by the specified technologies: combustion, as defined by the technology code CMBST at Table C, for nonwastewaters; and biodegradation, as defined by the technology code BIODG; carbon adsorption, as defined by the technology code CARBN; chemical oxidation, as defined by the technology code CHOXD; or combustion, as defined as technology code CMBST, at Table C, for wastewaters.

11 For these wastes, the definition of CMBST is limited to any of the following that have obtained a determination of equivalent treatment under Section 728.142(b): (1) combustion units operating under 35 Ill. Adm. Code 726, (2) combustion units permitted under Subpart O of 35 Ill. Adm. Code 724, or (3) combustion units operating under Subpart O of 35 Ill. Adm. Code 725.

12 Disposal of USEPA hazardous waste number K175 waste that has complied with all applicable Section 728.140 treatment standards must also be macroencapsulated in accordance with Table F of this Part, unless the waste is placed in either of the following types of facilities:

a) A RCRA Subtitle C monofill containing only K175 wastes that meet all applicable 40 CFR 268.40 treatment standards; or

b) A dedicated RCRA Subtitle C landfill cell in which all other wastes being co-disposed are at pH=26.0.

BOARD NOTE: Derived from table to 40 CFR 268.40-(2007) (2010).

NA means not applicable.

(Source: Amended at 35 Ill. Reg. _____, effective _____)

Section 728. ~~Table~~ TABLE U Universal Treatment Standards (UTS)

Regulated Constituent-Common NameCAS1 No.Wastewater Standard Concentration2 (in mg/l)Nonwastewater Standard Concentration3 (in mg/kg unless noted as "mg/l TCLP")Acenaphthylene208-96-80.0593.4Acenaphthene83-32-90.0593.4Acetone67-64-10.28160Acetonitrile75-05-85.638Acetophenone96-86-20.0109.72-Acetylaminofluorene53-96-30.059140Acrolein107-02-80.29NAACrylamide79-06-11923Acrylonitrile107-13-10.2484Aldicarb sulfone61646-88-40.0560.28Aldrin309-00-20.0210.0664-Aminobiphenyl92-67-10.13NAAniline62-53-30.8114o-Anisidine (2-methoxyaniline)90-04-00.0100.66Anthracene120-12-70.0593.4Aramite140-57-80.36NABHC319-84-60.000140.066-BHC319-85-70.000140.066-BHC319-86-80.0230.066?-BHC58-89-90.00170.066Barban6101-27-90.0561.4Bendiocarb622781-23-30.0561.4Benomyl617804-35-20.0561.4Benz(a)anthracene56-55-30.0593.4Benzal chloride98-87-30.0556.0Benzene71-43-20.1410Benzo(b)fluoranthene (difficult to distinguish from benzo(k)fluoranthene)205-99-20.116.8Benzo(k)fluoranthene (difficult to distinguish from benzo(b)fluoranthene)207-08-90.116.8Benzo(g,h,i)perylene191-24-20.00551.8Benzo(a)pyrene50-32-80.0613.4Bromodichloromethane75-27-40.3515Methyl bromide (Bromomethane)74-83-90.11154-Bromophenyl phenyl ether101-55-30.05515n-Butyl alcohol71-36-35.62.6Butylate62008-41-50.0421.4Butyl benzyl phthalate85-68-70.017282-sec-Butyl-4,6-dinitrophenol (Dinoseb)88-85-70.0662.5Carbaryl663-25-20.0060.14Carbenzadim610605-21-70.0561.4Carbofuran61563-66-20.0060.14Carbofuran phenol61563-38-80.0561.4Carbon disulfide75-15-03.84.8 mg/l TCLPCarbon tetrachloride56-23-50.0576.0Carbosulfan655285-14-80.0281.4Chlordane (? and ? isomers)57-74-90.00330.26p-Chloroaniline106-47-80.4616Chlorobenzene108-90-70.0576.0Chlorobenzilate510-15-60.10NA2-Chloro-1,3-butadiene126-99-80.0570.28p-Chloro-m-cresol59-50-70.01814Chlorodibromomethane124-48-10.05715Chloroethane75-00-30.276.0bis(2-Chloroethoxy)methane111-91-10.0367.2bis(2-Chloroethyl)ether111-44-40.0336.02-Chloroethyl vinyl ether110-75-80.062NACHloroform67-66-30.0466.0bis(2-Chloroisopropyl)ether39638-32-90.0557.2Chloromethane (Methyl chloride)74-87-30.19302-Chloronaphthalene91-58-70.0555.62-Chlorophenol95-57-80.0445.73-Chloropropylene107-05-10.03630Chrysene218-01-90.0593.4p-Cresidine120-71-80.0100.66o-Cresol95-48-70.115.6m-Cresol (difficult to distinguish from p-cresol)108-39-40.775.6p-Cresol (difficult to distinguish from m-cresol)106-44-50.775.6m-Cumenyl methylcarbamate664-00-60.0561.4Cyclohexanone108-94-10.360.75 mg/l TCLPo,p'-DDD53-19-00.0230.087p,p'-DDD72-54-80.0230.087o,p'-DDE3424-82-60.0310.087p,p'-DDE72-55-90.0310.087o,p'-DDT789-02-60.00390.087p,p'-DDT50-29-30.00390.087Dibenz(a,h)anthracene53-70-30.0558.2Dibenz(a,e)pyrene192-65-40.061NA1,2-Dibromo-3-chloropropane96-12-80.11151,2-Dibromoethane/Ethylene dibromide106-93-40.02815Dibromomethane74-95-30.1115m-Dichlorobenzene541-73-10.0366.0o-Dichlorobenzene95-50-10.0886.0p-Dichlorobenzene106-46-70.0906.0Dichlorodifluoromethane75-71-80.237.21,1-Dichloroethane75-34-30.0596.01,2-Dichloroethane107-06-20.216.01,1-Dichloroethylene75-35-40.0256.0trans-1,2-Dichloroethylene156-60-50.054302,4-Dichlorophenol120-83-20.044142,6-Dichlorophenol87-65-00.044142,4-Dichlorophenoxyacetic acid/2,4-D94-75-70.72101,2-Dichloropropane78-87-50.8518cis-1,3-Dichloropropylene10061-01-

50.03618trans-1,3-Dichloropropylene10061-02-60.03618Dieldrin60-57-
10.0170.13Diethyl phthalate84-66-20.2028p-Dimethylaminoazobenzene60-11-
70.13NA2,4-Dimethylaniline (2,4-xylydine)95-68-10.0100.662,4-Dimethyl phenol105-
67-90.03614Dimethyl phthalate131-11-30.04728Di-n-butyl phthalate84-74-
20.057281,4-Dinitrobenzene100-25-40.322.34,6-Dinitro-o-cresol534-52-10.281602,4-
Dinitrophenol51-28-50.121602,4-Dinitrotoluene121-14-20.321402,6-
Dinitrotoluene606-20-20.5528Di-n-octyl phthalate117-84-00.01728Di-n-
propyl nitrosamine621-64-70.40141,4-Dioxane123-91-112.0170Diphenylamine
(difficult to distinguish from diphenyl nitrosamine)122-39-
40.9213Diphenyl nitrosamine (difficult to distinguish from diphenylamine)86-30-
60.92131,2-Diphenylhydrazine122-66-70.087NADisulfoton298-04-
40.0176.2Dithiocarbamates (total)6137-30-40.02828Endosulfan I959-98-
80.0230.066Endosulfan II33213-65-90.0290.13Endosulfan sulfate1031-07-
80.0290.13Endrin72-20-80.00280.13Endrin aldehyde7421-93-40.0250.13EPTC6759-94-
40.0421.4Ethyl acetate141-78-60.3433Ethyl benzene100-41-40.05710Ethyl cyanide
(Propanenitrile)107-12-00.24360Ethylene oxide75-21-80.12NAEthyl ether60-29-
70.12160bis(2-Ethylhexyl) phthalate117-81-70.2828Ethyl methacrylate97-63-
20.14160Famphur52-85-70.01715Fluoranthene206-44-00.0683.4Fluorene86-73-
70.0593.4Formetanate hydrochloride623422-53-90.0561.4Heptachlor76-44-
80.00120.0661,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-
HpCDD)35822-46-90.0000350.00251,2,3,4,6,7,8-Heptachlorodibenzofuran
(1,2,3,4,6,7,8-HpCDF)67562-39-40.0000350.00251,2,3,4,7,8,9-
Heptachlorodibenzofuran (1,2,3,4,7,8,9-HpCDF)55673-89-70.0000350.0025Heptachlor
epoxide1024-57-30.0160.066Hexachlorobenzene118-74-10.05510Hexachlorobutadiene87-
68-30.0555.6Hexachlorocyclopentadiene77-47-40.0572.4HxCDDs (All
Hexachlorodibenzo-p-dioxins)NA0.0000630.001HxCDFs (All
Hexachlorodibenzofurans)55684-94-10.0000630.001Hexachloroethane67-72-
10.05530Hexachloropropylene1888-71-70.03530Indeno (1,2,3-c,d) pyrene193-39-
50.00553.4Iodomethane74-88-40.1965Isobutyl alcohol78-83-15.6170Isodrin465-73-
60.0210.066Isosafrole120-58-10.0812.6Kepone143-50-
00.00110.13Methacrylonitrile126-98-70.2484Methanol67-56-15.60.75 mg/l
TCLPMethapyrilene91-80-50.0811.5Methiocarb62032-65-70.0561.4Methomyl616752-77-
50.0280.14Methoxychlor72-43-50.250.183-Methylcholanthrene56-49-50.0055154,4-
Methylene bis(2-chloroaniline)101-14-40.5030Methylene chloride75-09-
20.08930Methyl ethyl ketone78-93-30.2836Methyl isobutyl ketone108-10-
10.1433Methyl methacrylate80-62-60.14160Methyl methansulfonate66-27-
30.018NAMethyl parathion298-00-00.0144.6Metolcarb61129-41-
50.0561.4Mexacarbate6315-18-40.0561.4Molinate62212-67-10.0421.4Naphthalene91-20-
30.0595.62-Naphthylamine91-59-80.52NAo-Nitroaniline88-74-40.2714p-
Nitroaniline100-01-60.02828Nitrobenzene98-95-30.068145-Nitro-o-toluidine99-55-
80.3228o-Nitrophenol88-75-50.02813p-Nitrophenol100-02-70.1229N-
Nitrosodiethylamine55-18-50.4028N-Nitrosodimethylamine62-75-90.402.3N-Nitroso-
di-n-butylamine924-16-30.4017N-Nitrosomethylethylamine10595-95-60.402.3N-
Nitrosomorpholine59-89-20.402.3N-Nitrosopiperidine100-75-40.01335N-
Nitrosopyrrolidine930-55-20.013351,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin
(1,2,3,4,6,7,8,9-OCDD)3268-87-90.0000630.0051,2,3,4,6,7,8,9-
Octachlorodibenzofuran (1,2,3,4,6,7,8,9-OCDF)39001-02-
00.0000630.005Oxamyl623135-22-00.0560.28Parathion56-38-20.0144.6Total PCBs (sum
of all PCB isomers, or all Aroclors)81336-36-30.1010Pebulate61114-71-
20.0421.4Pentachlorobenzene608-93-50.05510PeCDDs (All Pentachlorodibenzo-p-
dioxins)36088-22-90.0000630.001PeCDFs (All Pentachlorodibenzofurans)30402-15-
40.0000350.001Pentachloroethane76-01-70.0556.0Pentachloronitrobenzene82-68-
80.0554.8Pentachlorophenol87-86-50.0897.4Phenacetin62-44-20.08116Phenanthrene85-
01-80.0595.6Phenol108-95-20.0396.21,3-Phenylenediamine108-45-
20.0100.66Phorate298-02-20.0214.6Phthalic acid100-21-00.05528Phthalic
anhydride85-44-90.05528Physostigmine657-47-60.0561.4Physostigmine salicylate657-
64-70.0561.4Promecarb62631-37-00.0561.4Pronamide23950-58-50.0931.5Propam6122-

42-90.0561.4Propoxur6114-26-10.0561.4Prosulfocarb652888-80-90.0421.4Pyrene129-00-00.0678.2Pyridine110-86-10.01416Safrole94-59-70.08122Silvex (2,4,5-TP)93-72-10.727.91,2,4,5-Tetrachlorobenzene95-94-30.05514TCDDs (All Tetrachlorodibenzo-p-dioxins)41903-57-50.0000630.001TCDFs (All Tetrachlorodibenzofurans)55722-27-50.0000630.0011,1,1,2-Tetrachloroethane630-20-60.0576.01,1,2,2-Tetrachloroethane79-34-50.0576.0Tetrachloroethylene127-18-40.0566.02,3,4,6-Tetrachlorophenol58-90-20.0307.4Thiodicarb659669-26-00.0191.4Thiophanate-methyl623564-05-80.0561.4Toluene108-88-30.08010Toxaphene8001-35-20.00952.6Triallate62303-17-50.0421.4Tribromomethane (Bromoform)75-25-20.63151,2,4-Trichlorobenzene120-82-10.055191,1,1-Trichloroethane71-55-60.0546.01,1,2-Trichloroethane79-00-50.0546.0Trichloroethylene79-01-60.0546.0Trichloromonofluoromethane75-69-40.020302,4,5-Trichlorophenol95-95-40.187.42,4,6-Trichlorophenol88-06-20.0357.42,4,5-Trichlorophenoxyacetic acid/2,4,5-T93-76-50.727.91,2,3-Trichloropropane96-18-40.85301,1,2-Trichloro-1,2,2-trifluoroethane76-13-10.05730Triethylamine6101-44-80.0811.5tris- (2,3-Dibromopropyl) phosphate126-72-70.110.10Vernolate61929-77-70.0421.4Vinyl chloride75-01-40.276.0Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations)1330-20-70.3230Antimony7440-36-01.91.15 mg/l TCLPArsenic7440-38-21.45.0 mg/l TCLPBarium7440-39-31.221 mg/l TCLPBeryllium7440-41-70.821.22 mg/l TCLPCadmium7440-43-90.690.11 mg/l TCLPChromium (Total)7440-47-32.770.60 mg/l TCLPCyanides (Total)457-12-51.2590Cyanides (Amenable)457-12-50.8630Fluoride516984-48-835NALead7439-92-10.690.75 mg/l TCLPMercury-Nonwastewater from Retort7439-97-6NA0.20 mg/l TCLPMercury-All Others7439-97-60.150.025 mg/l TCLPNickel7440-02-03.9811 mg/l TCLPSelenium77782-49-20.825.7 mg/l TCLPSilver7440-22-40.430.14 mg/l TCLPSulfide18496-25-814NATHallium7440-28-01.40.20 mg/l TCLPVanadium57440-62-24.31.6 mg/l TCLPZinc57440-66-62.614.3 mg/l TCLP

1 CAS means Chemical Abstract Services. When the waste code or regulated constituents are described as a combination of a chemical with its salts or esters, the CAS number is given for the parent compound only.

2 Concentration standards for wastewaters are expressed in mg/l are based on analysis of composite samples.

3 Except for metals (EP or TCLP) and cyanides (total and amenable), the nonwastewater treatment standards expressed as a concentration were established, in part, based on incineration in units operated in accordance with the technical requirements of Subpart O of 35 Ill. Adm. Code 724 or Subpart O of 35 Ill. Adm. Code 725 or on combustion in fuel substitution units operating in accordance with applicable technical requirements. A facility may comply with these treatment standards according to provisions in Section 728.140(d). All concentration standards for nonwastewaters are based on analysis of grab samples.

4 Both Cyanides (Total) and Cyanides (Amenable) for nonwastewaters are to be analyzed using Method 9010C or 9012B, in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/ SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a), with a sample size of 10 grams and a distillation time of one hour and 15 minutes.

5 These constituents are not "underlying hazardous constituents" in characteristic wastes, according to the definition at Section 728.102(i).

6 This footnote corresponds with footnote 6 to the table to 40 CFR 268.48(a), which has already expired by its own terms. This statement maintains structural consistency with the corresponding federal regulations.

7 This constituent is not an underlying hazardous constituent, as defined at Section 728.102(i), because its UTS level is greater than its TC level. Thus, a treated selenium waste would always be characteristically hazardous unless it is treated to below its characteristic level.

8 This standard is temporarily deferred for soil exhibiting a hazardous characteristic due to USEPA hazardous waste numbers D004 through D011 only.

Note: NA means not applicable.

BOARD NOTE: Derived from table to 40 CFR 268.48(a) (~~2007~~)-(2010).

(Source: Amended at 35 Ill. Reg. _____, effective _____)
~~ILLINOIS REGISTER~~

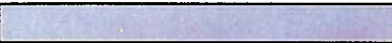




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~~POLLUTION CONTROL BOARD~~

~~NOTICE OF PROPOSED AMENDMENTS~~

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EXEMPT

JCAR350728-1109727r01

1 TITLE 35: ENVIRONMENTAL PROTECTION
2 SUBTITLE G: WASTE DISPOSAL
3 CHAPTER I: POLLUTION CONTROL BOARD
4 SUBCHAPTER c: HAZARDOUS WASTE OPERATING REQUIREMENTS
5

6 PART 728
7 LAND DISPOSAL RESTRICTIONS
8

9 SUBPART A: GENERAL
10

11	Section	
12	728.101	Purpose, Scope, and Applicability
13	728.102	Definitions
14	728.103	Dilution Prohibited as a Substitute for Treatment
15	728.104	Treatment Surface Impoundment Exemption
16	728.105	Procedures for Case-by-Case Extensions to an Effective Date
17	728.106	Petitions to Allow Land Disposal of a Waste Prohibited Pursuant to Subpart C
18	728.107	Testing, Tracking, and Recordkeeping Requirements for Generators, Treaters, and 19 Disposal Facilities
20	728.108	Landfill and Surface Impoundment Disposal Restrictions (Repealed)
21	728.109	Special Rules for Characteristic Wastes

22
23 SUBPART B: SCHEDULE FOR LAND DISPOSAL PROHIBITION AND
24 ESTABLISHMENT OF TREATMENT STANDARDS
25

26	Section	
27	728.110	First Third (Repealed)
28	728.111	Second Third (Repealed)
29	728.112	Third Third (Repealed)
30	728.113	Newly Listed Wastes
31	728.114	Surface Impoundment Exemptions

32
33 SUBPART C: PROHIBITION ON LAND DISPOSAL
34

35	Section	
36	728.120	Waste-Specific Prohibitions: Dyes and Pigments Production Wastes
37	728.130	Waste-Specific Prohibitions: Wood Preserving Wastes
38	728.131	Waste-Specific Prohibitions: Dioxin-Containing Wastes
39	728.132	Waste-Specific Prohibitions: Soils Exhibiting the Toxicity Characteristic for 40 Metals and Containing PCBs
41	728.133	Waste-Specific Prohibitions: Chlorinated Aliphatic Wastes
42	728.134	Waste-Specific Prohibitions: Toxicity Characteristic Metal Wastes
43	728.135	Waste-Specific Prohibitions: Petroleum Refining Wastes

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44	728.136	Waste-Specific Prohibitions: Inorganic Chemical Wastes
45	728.137	Waste-Specific Prohibitions: Ignitable and Corrosive Characteristic Wastes
46		Whose Treatment Standards Were Vacated
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51 SUBPART D: TREATMENT STANDARDS

52		
53	Section	
54	728.140	Applicability of Treatment Standards
55	728.141	Treatment Standards Expressed as Concentrations in Waste Extract
56	728.142	Treatment Standards Expressed as Specified Technologies
57	728.143	Treatment Standards Expressed as Waste Concentrations
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61	728.148	Universal Treatment Standards
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63

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65		
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68		
69	728.APPENDIX A	Toxicity Characteristic Leaching Procedure (TCLP) (Repealed)
70	728.APPENDIX B	Treatment Standards (As concentrations in the Treatment Residual
71		Extract) (Repealed)
72	728.APPENDIX C	List of Halogenated Organic Compounds Regulated under Section
73		728.132
74	728.APPENDIX D	Wastes Excluded from Lab Packs
75	728.APPENDIX E	Organic Lab Packs (Repealed)
76	728.APPENDIX F	Technologies to Achieve Deactivation of Characteristics
77	728.APPENDIX G	Federal Effective Dates
78	728.APPENDIX H	National Capacity LDR Variances for UIC Wastes
79	728.APPENDIX I	EP Toxicity Test Method and Structural Integrity Test
80	728.APPENDIX J	Recordkeeping, Notification, and Certification Requirements (Repealed)
81	728.APPENDIX K	Metal-Bearing Wastes Prohibited from Dilution in a Combustion Unit
82		According to Section 728.103(c)
83	728.TABLE A	Constituent Concentrations in Waste Extract (CCWE)
84	728.TABLE B	Constituent Concentrations in Wastes (CCW)
85	728.TABLE C	Technology Codes and Description of Technology-Based Standards
86	728.TABLE D	Technology-Based Standards by RCRA Waste Code

87 728.TABLE E Standards for Radioactive Mixed Waste
 88 728.TABLE F Alternative Treatment Standards for Hazardous Debris
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 90 728.TABLE H Wastes Excluded from CCW Treatment Standards
 91 728.TABLE I Generator Paperwork Requirements
 92 728.TABLE T Treatment Standards for Hazardous Wastes
 93 728.TABLE U Universal Treatment Standards (UTS)
 94

95 AUTHORITY: Implementing Sections 7.2 and 22.4 and authorized by Section 27 of the
 96 Environmental Protection Act [415 ILCS 5/7.2, 22.4, and 27].
 97

98 SOURCE: Adopted in R87-5 at 11 Ill. Reg. 19354, effective November 12, 1987; amended in
 99 R87-39 at 12 Ill. Reg. 13046, effective July 29, 1988; amended in R89-1 at 13 Ill. Reg. 18403,
 100 effective November 13, 1989; amended in R89-9 at 14 Ill. Reg. 6232, effective April 16, 1990;
 101 amended in R90-2 at 14 Ill. Reg. 14470, effective August 22, 1990; amended in R90-10 at 14 Ill.
 102 Reg. 16508, effective September 25, 1990; amended in R90-11 at 15 Ill. Reg. 9462, effective
 103 June 17, 1991; amended in R90-11 at 15 Ill. Reg. 11937, effective August 12, 1991; amendment
 104 withdrawn at 15 Ill. Reg. 14716, October 11, 1991; amended in R91-13 at 16 Ill. Reg. 9619,
 105 effective June 9, 1992; amended in R92-10 at 17 Ill. Reg. 5727, effective March 26, 1993;
 106 amended in R93-4 at 17 Ill. Reg. 20692, effective November 22, 1993; amended in R93-16 at 18
 107 Ill. Reg. 6799, effective April 26, 1994; amended in R94-7 at 18 Ill. Reg. 12203, effective July
 108 29, 1994; amended in R94-17 at 18 Ill. Reg. 17563, effective November 23, 1994; amended in
 109 R95-6 at 19 Ill. Reg. 9660, effective June 27, 1995; amended in R95-20 at 20 Ill. Reg. 11100,
 110 effective August 1, 1996; amended in R96-10/R97-3/R97-5 at 22 Ill. Reg. 783, effective
 111 December 16, 1997; amended in R98-12 at 22 Ill. Reg. 7685, effective April 15, 1998; amended
 112 in R97-21/R98-3/R98-5 at 22 Ill. Reg. 17706, effective September 28, 1998; amended in R98-
 113 21/R99-2/R99-7 at 23 Ill. Reg. 1964, effective January 19, 1999; amended in R99-15 at 23 Ill.
 114 Reg. 9204, effective July 26, 1999; amended in R00-13 at 24 Ill. Reg. 9623, effective June 20,
 115 2000; amended in R01-3 at 25 Ill. Reg. 1296, effective January 11, 2001; amended in R01-
 116 21/R01-23 at 25 Ill. Reg. 9181, effective July 9, 2001; amended in R02-1/R02-12/R02-17 at 26
 117 Ill. Reg. 6687, effective April 22, 2002; amended in R03-18 at 27 Ill. Reg. 13045, effective July
 118 17, 2003; amended in R05-8 at 29 Ill. Reg. 6049, effective April 13, 2005; amended in R06-
 119 5/R06-6/R06-7 at 30 Ill. Reg. 3800, effective February 23, 2006; amended in R06-16/R06-
 120 17/R06-18 at 31 Ill. Reg. 1254, effective December 20, 2006; amended in R07-5/R07-14 at 32
 121 Ill. Reg. 12840, effective July 14, 2008; amended in R09-3 at 33 Ill. Reg. 1186, effective
 122 December 30, 2008; amended in R11-2/R11-16 at 35 Ill. Reg. _____, effective _____.

123 **Section 728.APPENDIX C List of Halogenated Organic Compounds Regulated under**
 124 **Section 728.132**

125
 126 In determining the concentration of halogenated organic compounds (HOCs) in a hazardous
 127 waste for purposes of the Section 728.132 land disposal prohibition, USEPA has defined the
 128 HOCs that must be included in a calculation as any compounds having a carbon-halogen bond
 129 that are listed in this Appendix (see Section 728.102). This Appendix C to Part 728 consists of
 130 the following compounds:

131

132 I. Volatiles

133

134 1. Bromodichloromethane

135

136 2. Bromomethane

137

138 3. Carbon Tetrachloride

139

140 4. Chlorobenzene

141

142 5. 2-Chloro-1,3-butadiene

143

144 6. Chlorodibromomethane

145

146 7. Chloroethane

147

148 8. 2-Chloroethyl vinyl ether

149

150 9. Chloroform

151

152 10. Chloromethane

153

154 11. 3-Chloropropene

155

156 12. 1,2-Dibromo-3-chloropropane

157

158 13. 1,2-Dibromomethane

159

160 14. Dibromomethane

161

162 15. Trans-1,4-Dichloro-2-butene~~Trans-1,4-Diehloro-2-butene~~

163

164 16. Dichlorodifluoromethane

165

- | | | |
|-----|-----|----------------------------|
| 166 | 17. | 1,1-Dichloroethane |
| 167 | | |
| 168 | 18. | 1,2-Dichloroethane |
| 169 | | |
| 170 | 19. | 1,1-Dichloroethylene |
| 171 | | |
| 172 | 20. | Trans-1,2-Dichloroethene |
| 173 | | |
| 174 | 21. | 1,2-Dichloropropane |
| 175 | | |
| 176 | 22. | Trans-1,3-Dichloropropene |
| 177 | | |
| 178 | 23. | cis-1,3-Dichloropropene |
| 179 | | |
| 180 | 24. | Iodomethane |
| 181 | | |
| 182 | 25. | Methylene chloride |
| 183 | | |
| 184 | 26. | 1,1,1,2-Tetrachloroethane |
| 185 | | |
| 186 | 27. | 1,1,2,2-Tetrachloroethane |
| 187 | | |
| 188 | 28. | Tetrachloroethene |
| 189 | | |
| 190 | 29. | Tribromomethane |
| 191 | | |
| 192 | 30. | 1,1,1-Trichloroethane |
| 193 | | |
| 194 | 31. | 1,1,2-Trichloroethane |
| 195 | | |
| 196 | 32. | Trichloroethene |
| 197 | | |
| 198 | 33. | Trichloromonofluoromethane |
| 199 | | |
| 200 | 34. | 1,2,3-Trichloropropane |
| 201 | | |
| 202 | 35. | Vinyl Chloride |
| 203 | | |

204 II. Semivolatiles

- | | | |
|-----|----|---------------------------|
| 205 | | |
| 206 | 1. | Bis(2-chloroethoxy)ethane |
| 207 | | |
| 208 | 2. | Bis(2-chloroethyl)ether |

209		
210	3.	Bis(2-chloroisopropyl)ether
211		
212	4.	p-Chloroaniline
213		
214	5.	Chlorobenzilate
215		
216	6.	p-Chloro-m-cresol
217		
218	7.	2-Chloronaphthalene
219		
220	8.	2-Chlorophenol
221		
222	9.	3-Chloropropionitrile
223		
224	10.	m-Dichlorobenzene
225		
226	11.	o-Dichlorobenzene
227		
228	12.	p-Dichlorobenzene
229		
230	13.	3,3'-Dichlorobenzidine
231		
232	14.	2,4-Dichlorophenol
233		
234	15.	2,6-Dichlorophenol
235		
236	16.	Hexachlorobenzene
237		
238	17.	Hexachlorobutadiene
239		
240	18.	Hexachlorocyclopentadiene
241		
242	19.	Hexachloroethane
243		
244	20.	Hexachlorophene
245		
246	21.	Hexachloropropene
247		
248	22.	4,4'-Methylenebis(2-chloroaniline)
249		
250	23.	Pentachlorobenzene
251		

- 252 24. Pentachloroethane
253
254 25. Pentachloronitrobenzene
255
256 26. Pentachlorophenol
257
258 27. Pronamide
259
260 28. 1,2,4,5-Tetrachlorobenzene
261
262 29. 2,3,4,6-Tetrachlorophenol
263
264 30. 1,2,4-Trichlorobenzene
265
266 31. 2,4,5-Trichlorophenol
267
268 32. 2,4,6-Trichlorophenol
269
270 33. Tris(2,3-dibromopropyl)phosphate
271

272 III. Organochlorine Pesticides
273

- 274 1. Aldrin
275
276 2. alpha-BHC
277
278 3. beta-BHC
279
280 4. delta-BHC
281
282 5. gamma-BHC
283
284 6. Chlorodane
285
286 7. DDD
287
288 8. DDE
289
290 9. DDT
291
292 10. Dieldrin
293
294 11. Endosulfan I

- 295
- 296 12. Endosulfan II
- 297
- 298 13. Endrin
- 299
- 300 14. Endrin aldehyde
- 301
- 302 15. Heptachlor
- 303
- 304 16. Heptachlor epoxide
- 305
- 306 17. Isodrin
- 307
- 308 18. Kepone
- 309
- 310 19. Methoxychlor
- 311
- 312 20. Toxaphene
- 313

314 IV. Phenoxyacetic Acid Herbicides

- 315
- 316 1. 2,4-Dichlorophenoxyacetic acid
- 317
- 318 2. Silvex
- 319
- 320 3. 2,4,5-T
- 321

322 V. PCBs

- 323
- 324 1. Aroclor 1016
- 325
- 326 2. Aroclor 1221
- 327
- 328 3. Aroclor 1232
- 329
- 330 4. Aroclor 1242
- 331
- 332 5. Aroclor 1248
- 333
- 334 6. Aroclor 1254
- 335
- 336 7. Aroclor 1260
- 337

338 8. PCBs not otherwise specified

339

340 VI. Dioxins and Furans

341

342 1. Hexachlorodibenzo-p-dioxins

343

344 2. Hexachlorodibenzofuran

345

346 3. Pentachlorodibenzo-p-dioxins

347

348 4. Pentachlorodibenzofuran

349

350 5. Tetrachlorodibenzo-p-dioxins

351

352 6. Tetrachlorodibenzofuran

353

354 7. 2,3,7,8-Tetrachlorodibenzo-p-dioxin

355

356 BOARD NOTE: Derived from appendix III to 40 CFR 268 (20102005).

357

358 (Source: Amended at 35 Ill. Reg. _____, effective _____)

359 **Section 728.APPENDIX G Federal Effective Dates**

360
 361 The following are the effective dates for the USEPA rules in 40 CFR 268. These generally
 362 became effective as Illinois rules at a later date.
 363

TABLE 1
 EFFECTIVE DATES OF SURFACE DISPOSED WASTES (NON-SOIL AND
 DEBRIS) REGULATED IN THE LDERS^a – COMPREHENSIVE LIST

Waste code	Waste category	Effective date
D001 ^c	All (except High TOC Ignitable Liquids)	August 9, 1993
D001	High TOC Ignitable Liquids	August 8, 1990
D002 ^c	All	August 9, 1993
D003 ^c	Newly identified surface-disposed elemental phosphorus processing wastes	May 26, 2000
D004	Newly identified D004 and mineral processing wastes	August 24, 1998
D004	Mixed radioactive/newly identified D004 or mineral processing wastes	May 26, 2000
D005	Newly identified D005 and mineral processing wastes	August 24, 1998
D005	Mixed radioactive/newly identified D005 or mineral processing wastes	May 26, 2000
D006	Newly identified D006 and mineral processing wastes	August 24, 1998
D006	Mixed radioactive/newly identified D006 or mineral processing wastes	May 26, 2000
D007	Newly identified D007 and mineral processing wastes	August 24, 1998
D007	Mixed radioactive/newly identified D007 or mineral processing wastes	May 26, 2000
D008	Newly identified D008 and mineral processing waste	August 24, 1998
D008	Mixed radioactive/newly identified D008 or mineral processing wastes	May 26, 2000
D009	Newly identified D009 and mineral processing waste	August 24, 1998
D009	Mixed radioactive/newly identified D009 or mineral processing wastes	May 26, 2000
D010	Newly identified D010 and mineral processing wastes	August 24, 1998
D010	Mixed radioactive/newly identified D010 or mineral processing wastes	May 26, 2000
D011	Newly identified D011 and mineral processing wastes	August 24, 1998
D011	Mixed radioactive/newly identified D011 or mineral processing wastes	May 26, 2000
D012 (that exhibit the toxicity characteristic based on the TCLP) ^d	All	December 14, 1994

D013 (that exhibit the toxicity characteristic based on the TCLP) ^d	All	December 14, 1994
D014 (that exhibit the toxicity characteristic based on the TCLP) ^d	All	December 14, 1994
D015 (that exhibit the toxicity characteristic based on the TCLP) ^d	All	December 14, 1994
D016 (that exhibit the toxicity characteristic based on the TCLP) ^d	All	December 14, 1994
D017 (that exhibit the toxicity characteristic based on the TCLP) ^d	All	December 14, 1994
D018	Mixed with radioactive wastes	September 19, 1996
D018	All others	December 19, 1994
D019	Mixed with radioactive wastes	September 19, 1996
D019	All others	December 19, 1994
D020	Mixed with radioactive wastes	September 19, 1996
D020	All others	December 19, 1994
D021	Mixed with radioactive wastes	September 19, 1996
D021	All others	December 19, 1994
D022	Mixed with radioactive wastes	September 19, 1996
D022	All others	December 19, 1994
D023	Mixed with radioactive wastes	September 19, 1996
D023	All others	December 19, 1994
D024	Mixed with radioactive wastes	September 19, 1996
D024	All others	December 19, 1994
D025	Mixed with radioactive wastes	September 19, 1996
D025	All others	December 19, 1994
D026	Mixed with radioactive wastes	September 19, 1996
D026	All others	December 19, 1994
D027	Mixed with radioactive wastes	September 19, 1996
D027	All others	December 19, 1994
D028	Mixed with radioactive wastes	September 19, 1996
D028	All others	December 19, 1994
D029	Mixed with radioactive wastes	September 19, 1996
D029	All others	December 19, 1994
D030	Mixed with radioactive wastes	September 19, 1996
D030	All others	December 19, 1994
D031	Mixed with radioactive wastes	September 19, 1996
D031	All others	December 19, 1994

D032	Mixed with radioactive wastes	September 19, 1996
D032	All others	December 19, 1994
D033	Mixed with radioactive wastes	September 19, 1996
D033	All others	December 19, 1994
D034	Mixed with radioactive wastes	September 19, 1996
D034	All others	December 19, 1994
D035	Mixed with radioactive wastes	September 19, 1996
D035	All others	December 19, 1994
D036	Mixed with radioactive wastes	September 19, 1996
D036	All others	December 19, 1994
D037	Mixed with radioactive wastes	September 19, 1996
D037	All others	December 19, 1994
D038	Mixed with radioactive wastes	September 19, 1996
D038	All others	December 19, 1994
D039	Mixed with radioactive wastes	September 19, 1996
D039	All others	December 19, 1994
D040	Mixed with radioactive wastes	September 19, 1996
D040	All others	December 19, 1994
D041	Mixed with radioactive wastes	September 19, 1996
D041	All others	December 19, 1994
D042	Mixed with radioactive wastes	September 19, 1996
D042	All others	December 19, 1994
D043	Mixed with radioactive wastes	September 19, 1996
D043	All others	December 19, 1994
F001	Small quantity generators, CERCLA response/RCRA corrective action, initial generator's solvent-water mixtures, solvent-containing sludges and solids	November 8, 1988
F001	All others	November 8, 1986
F002 (1,1,2-trichloroethane)	Wastewater and Nonwastewater	August 8, 1990
F002	Small quantity generators, CERCLA response/RCRA corrective action, initial generator's solvent-water mixtures, solvent-containing sludges and solids	November 8, 1988
F002	All others	November 8, 1986
F003	Small quantity generators, CERCLA response/RCRA corrective action, initial generator's solvent-water mixtures, solvent-containing sludges and solids	November 8, 1988
F003	All others	November 8, 1986
F004	Small quantity generators, CERCLA response/RCRA corrective action, initial generator's solvent-water mixtures, solvent-containing sludges and solids	November 8, 1988
F004	All others	November 8, 1986

F005 (benzene, 2-ethoxy ethanol, 2-nitropropane)	Wastewater and Nonwastewater	August 8, 1990
F005	Small quantity generators, CERCLA response/RCRA corrective action, initial generator's solvent-water mixtures, solvent-containing sludges and solids	November 8, 1988
F005	All others	November 8, 1986
F006	Wastewater	August 8, 1990
F006	Nonwastewater	August 8, 1988
F006 (cyanides)	Nonwastewater	July 8, 1989
F007	All	July 8, 1989
F008	All	July 8, 1989
F009	All	July 8, 1989
F010	All	June 8, 1989
F011 (cyanides)	Nonwastewater	December 8, 1989
F011	All others	July 8, 1989
F012 (cyanides)	Nonwastewater	December 8, 1989
F012	All others	July 8, 1989
F019	All	August 8, 1990
F020	All	November 8, 1988
F021	All	November 8, 1988
F025	All	August 8, 1990
F026	All	November 8, 1988
F027	All	November 8, 1988
F028	All	November 8, 1988
F032	Mixed with radioactive wastes	May 12, 1999
F032	All others	August 12, 1997
F034	Mixed with radioactive wastes	May 12, 1999
F034	All others	August 12, 1997
F035	Mixed with radioactive wastes	May 12, 1999
F035	All others	August 12, 1997
F037	Not generated from surface impoundment cleanouts or closures	June 30, 1993
F037	Generated from surface impoundment cleanouts or closures	June 30, 1994
F037	Mixed with radioactive wastes	June 30, 1994
F038	Not generated from surface impoundment cleanouts or closures	June 30, 1993
F038	Generated from surface impoundment cleanouts or closures	June 30, 1994
F038	Mixed with radioactive wastes	June 30, 1994
F039	Wastewater	August 8, 1990
F039	Nonwastewater	May 8, 1992

K001 (organics) ^b	All	August 8, 1988
K001	All others	August 8, 1988
K002	All	August 8, 1990
K003	All	August 8, 1990
K004	Wastewater	August 8, 1990
K004	Nonwastewater	August 8, 1988
K005	Wastewater	August 8, 1990
K005	Nonwastewater	June 8, 1989
K006	All	August 8, 1990
K007	Wastewater	August 8, 1990
K007	Nonwastewater	June 8, 1989
K008	Wastewater	August 8, 1990
K008	Nonwastewater	August 8, 1988
K009	All	June 8, 1989
K010	All	June 8, 1989
K011	Wastewater	August 8, 1990
K011	Nonwastewater	June 8, 1989
K013	Wastewater	August 8, 1990
K013	Nonwastewater	June 8, 1989
K014	Wastewater	August 8, 1990
K014	Nonwastewater	June 8, 1989
K015	Wastewater	August 8, 1988
K015	Nonwastewater	August 8, 1990
K016	All	August 8, 1988
K017	All	August 8, 1990
K018	All	August 8, 1988
K019	All	August 8, 1988
K020	All	August 8, 1988
K021	Wastewater	August 8, 1990
K021	Nonwastewater	August 8, 1988
K022	Wastewater	August 8, 1990
K022	Nonwastewater	August 8, 1988
K023	All	June 8, 1989
K024	All	August 8, 1988
K025	Wastewater	August 8, 1990
K025	Nonwastewater	August 8, 1988
K026	All	August 8, 1990
K027	All	June 8, 1989
K028 (metals)	Nonwastewater	August 8, 1990
K028	All others	June 8, 1989
K029	Wastewater	August 8, 1990
K029	Nonwastewater	June 8, 1989
K030	All	August 8, 1988

K031	Wastewater	August 8, 1990
K031	Nonwastewater	May 8, 1992
K032	All	August 8, 1990
K033	All	August 8, 1990
K034	All	August 8, 1990
K035	All	August 8, 1990
K036	Wastewater	June 8, 1989
K036	Nonwastewater	August 8, 1988
K037 ^b	Wastewater	August 8, 1988
K037	Nonwastewater	August 8, 1988
K038	All	June 8, 1989
K039	All	June 8, 1989
K040	All	June 8, 1989
K041	All	August 8, 1990
K042	All	August 8, 1990
K043	All	June 8, 1989
K044	All	August 8, 1988
K045	All	August 8, 1988
K046 (Nonreactive)	Nonwastewater	August 8, 1988
K046	All others	August 8, 1990
K047	All	August 8, 1988
K048	Wastewater	August 8, 1990
K048	Nonwastewater	November 8, 1990
K049	Wastewater	August 8, 1990
K049	Nonwastewater	November 8, 1990
K050	Wastewater	August 8, 1990
K050	Nonwastewater	November 8, 1990
K051	Wastewater	August 8, 1990
K051	Nonwastewater	November 8, 1990
K052	Wastewater	August 8, 1990
K052	Nonwastewater	November 8, 1990
K060	Wastewater	August 8, 1990
K060	Nonwastewater	August 8, 1988
K061	Wastewater	August 8, 1990
K061	Nonwastewater	June 30, 1992
K062	All	August 8, 1988
K069 (non-calcium sulfate)	Nonwastewater	August 8, 1988
K069	All others	August 8, 1990
K071	All	August 8, 1990
K073	All	August 8, 1990
K083	All	August 8, 1990
K084	Wastewater	August 8, 1990

K084	Nonwastewater	May 8, 1992
K085	All	August 8, 1990
K086 (organics) ^b	All	August 8, 1988
K086	All others	August 8, 1988
K087	All	August 8, 1988
K088	Mixed with radioactive wastes	April 8, 1998
K088	All others	October 8, 1997
K093	All	June 8, 1989
K094	All	June 8, 1989
K095	Wastewater	August 8, 1990
K095	Nonwastewater	June 8, 1989
K096	Wastewater	August 8, 1990
K096	Nonwastewater	June 8, 1989
K097	All	August 8, 1990
K098	All	August 8, 1990
K099	All	August 8, 1988
K100	Wastewater	August 8, 1990
K100	Nonwastewater	August 8, 1988
K101 (organics)	Wastewater	August 8, 1988
K101 (metals)	Wastewater	August 8, 1990
K101 (organics)	Nonwastewater	August 8, 1988
K101 (metals)	Nonwastewater	May 8, 1992
K102 (organics)	Wastewater	August 8, 1988
K102 (metals)	Wastewater	August 8, 1990
K102 (organics)	Nonwastewater	August 8, 1988
K102 (metals)	Nonwastewater	May 8, 1992
K103	All	August 8, 1988
K104	All	August 8, 1988
K105	All	August 8, 1990
K106	Wastewater	August 8, 1990
K106	Nonwastewater	May 8, 1992
K107	Mixed with radioactive wastes	June 30, 1994
K107	All others	November 9, 1992
K108	Mixed with radioactive wastes	June 30, 1994
K108	All others	November 9, 1992
K109	Mixed with radioactive wastes	June 30, 1994
K109	All others	November 9, 1992
K110	Mixed with radioactive wastes	June 30, 1994
K110	All others	November 9, 1992
K111	Mixed with radioactive wastes	June 30, 1994
K111	All others	November 9, 1992
K112	Mixed with radioactive wastes	June 30, 1994
K112	All others	November 9, 1992

K113	All	June 8, 1989
K114	All	June 8, 1989
K115	All	June 8, 1989
K116	All	June 8, 1989
K117	Mixed with radioactive wastes	June 30, 1994
K117	All others	November 9, 1992
K118	Mixed with radioactive wastes	June 30, 1994
K118	All others	November 9, 1992
K123	Mixed with radioactive wastes	June 30, 1994
K123	All others	November 9, 1992
K124	Mixed with radioactive wastes	June 30, 1994
K124	All others	November 9, 1992
K125	Mixed with radioactive wastes	June 30, 1994
K125	All others	November 9, 1992
K126	Mixed with radioactive wastes	June 30, 1994
K126	All others	November 9, 1992
K131	Mixed with radioactive wastes	June 30, 1994
K131	All others	November 9, 1992
K132	Mixed with radioactive wastes	June 30, 1994
K132	All others	November 9, 1992
K136	Mixed with radioactive wastes	June 30, 1994
K136	All others	November 9, 1992
K141	Mixed with radioactive wastes	September 19, 1996
K141	All others	December 19, 1994
K142	Mixed with radioactive wastes	September 19, 1996
K142	All others	December 19, 1994
K143	Mixed with radioactive wastes	September 19, 1996
K143	All others	December 19, 1994
K144	Mixed with radioactive wastes	September 19, 1996
K144	All others	December 19, 1994
K145	Mixed with radioactive wastes	September 19, 1996
K145	All others	December 19, 1994
K147	Mixed with radioactive wastes	September 19, 1996
K147	All others	December 19, 1994
K148	Mixed with radioactive wastes	September 19, 1996
K148	All others	December 19, 1994
K149	Mixed with radioactive wastes	September 19, 1996
K149	All others	December 19, 1994
K150	Mixed with radioactive wastes	September 19, 1996
K150	All others	December 19, 1994
K151	Mixed with radioactive wastes	September 19, 1996
K151	All others	December 19, 1994
K156	Mixed with radioactive wastes	April 8, 1998

K156	All others	July 8, 1996
K157	Mixed with radioactive wastes	April 8, 1998
K157	All others	July 8, 1996
K158	Mixed with radioactive wastes	April 8, 1998
K158	All others	July 8, 1996
K159	Mixed with radioactive wastes	April 8, 1998
K159	All others	July 8, 1996
K160	Mixed with radioactive wastes	April 8, 1998
K160	All others	July 8, 1996
K161	Mixed with radioactive wastes	April 8, 1998
K161	All others	July 8, 1996
K169	All	February 8, 1999
K170	All	February 8, 1999
K171	All	February 8, 1999
K172	All	February 8, 1999
K174	All	May 7, 2001
K175	All	May 7, 2001
K176	All	May 20, 2002
K177	All	May 20, 2002
K178	All	May 20, 2002
K181	All	August 23, 2005
P001	All	August 8, 1990
P002	All	August 8, 1990
P003	All	August 8, 1990
P004	All	August 8, 1990
P005	All	August 8, 1990
P006	All	August 8, 1990
P007	All	August 8, 1990
P008	All	August 8, 1990
P009	All	August 8, 1990
P010	Wastewater	August 8, 1990
P010	Nonwastewater	May 8, 1992
P011	Wastewater	August 8, 1990
P011	Nonwastewater	May 8, 1992
P012	Wastewater	August 8, 1990
P012	Nonwastewater	May 8, 1992
P013 (barium)	Nonwastewater	August 8, 1990
P013	All others	June 8, 1989
P014	All	August 8, 1990
P015	All	August 8, 1990
P016	All	August 8, 1990
P017	All	August 8, 1990
P018	All	August 8, 1990

P020	All	August 8, 1990
P021	All	June 8, 1989
P022	All	August 8, 1990
P023	All	August 8, 1990
P024	All	August 8, 1990
P026	All	August 8, 1990
P027	All	August 8, 1990
P028	All	August 8, 1990
P029	All	June 8, 1989
P030	All	June 8, 1989
P031	All	August 8, 1990
P033	All	August 8, 1990
P034	All	August 8, 1990
P036	Wastewater	August 8, 1990
P036	Nonwastewater	May 8, 1992
P037	All	August 8, 1990
P038	Wastewater	August 8, 1990
P038	Nonwastewater	May 8, 1992
P039	All	June 8, 1989
P040	All	June 8, 1989
P041	All	June 8, 1989
P042	All	August 8, 1990
P043	All	June 8, 1989
P044	All	June 8, 1989
P045	All	August 8, 1990
P046	All	August 8, 1990
P047	All	August 8, 1990
P048	All	August 8, 1990
P049	All	August 8, 1990
P050	All	August 8, 1990
P051	All	August 8, 1990
P054	All	August 8, 1990
P056	All	August 8, 1990
P057	All	August 8, 1990
P058	All	August 8, 1990
P059	All	August 8, 1990
P060	All	August 8, 1990
P062	All	June 8, 1989
P063	All	June 8, 1989
P064	All	August 8, 1990
P065	Wastewater	August 8, 1990
P065	Nonwastewater	May 8, 1992
P066	All	August 8, 1990

P067	All	August 8, 1990
P068	All	August 8, 1990
P069	All	August 8, 1990
P070	All	August 8, 1990
P071	All	June 8, 1989
P072	All	August 8, 1990
P073	All	August 8, 1990
P074	All	June 8, 1989
P075	All	August 8, 1990
P076	All	August 8, 1990
P077	All	August 8, 1990
P078	All	August 8, 1990
P081	All	August 8, 1990
P082	All	August 8, 1990
P084	All	August 8, 1990
P085	All	June 8, 1989
P087	All	May 8, 1992
P088	All	August 8, 1990
P089	All	June 8, 1989
P092	Wastewater	August 8, 1990
P092	Nonwastewater	May 8, 1992
P093	All	August 8, 1990
P094	All	June 8, 1989
P095	All	August 8, 1990
P096	All	August 8, 1990
P097	All	June 8, 1989
P098	All	June 8, 1989
P099 (silver)	Wastewater	August 8, 1990
P099	All others	June 8, 1989
P101	All	August 8, 1990
P102	All	August 8, 1990
P103	All	August 8, 1990
P104 (silver)	Wastewater	August 8, 1990
P104	All others	June 8, 1989
P105	All	August 8, 1990
P106	All	June 8, 1989
P108	All	August 8, 1990
P109	All	June 8, 1989
P110	All	August 8, 1990
P111	All	June 8, 1989
P112	All	August 8, 1990
P113	All	August 8, 1990
P114	All	August 8, 1990

P115	All	August 8, 1990
P116	All	August 8, 1990
P118	All	August 8, 1990
P119	All	August 8, 1990
P120	All	August 8, 1990
P121	All	June 8, 1989
P122	All	August 8, 1990
P123	All	August 8, 1990
P127	Mixed with radioactive wastes	April 8, 1998
P127	All others	July 8, 1996
P128	Mixed with radioactive wastes	April 8, 1998
P128	All others	July 8, 1996
P185	Mixed with radioactive wastes	April 8, 1998
P185	All others	July 8, 1996
P188	Mixed with radioactive wastes	April 8, 1998
P188	All others	July 8, 1996
P189	Mixed with radioactive wastes	April 8, 1998
P189	All others	July 8, 1996
P190	Mixed with radioactive wastes	April 8, 1998
P190	All others	July 8, 1996
P191	Mixed with radioactive wastes	April 8, 1998
P191	All others	July 8, 1996
P192	Mixed with radioactive wastes	April 8, 1998
P192	All others	July 8, 1996
P194	Mixed with radioactive wastes	April 8, 1998
P194	All others	July 8, 1996
P196	Mixed with radioactive wastes	April 8, 1998
P196	All others	July 8, 1996
P197	Mixed with radioactive wastes	April 8, 1998
P197	All others	July 8, 1996
P198	Mixed with radioactive wastes	April 8, 1998
P198	All others	July 8, 1996
P199	Mixed with radioactive wastes	April 8, 1998
P199	All others	July 8, 1996
P201	Mixed with radioactive wastes	April 8, 1998
P201	All others	July 8, 1996
P202	Mixed with radioactive wastes	April 8, 1998
P202	All others	July 8, 1996
P203	Mixed with radioactive wastes	April 8, 1998
P203	All others	July 8, 1996
P204	Mixed with radioactive wastes	April 8, 1998
P204	All others	July 8, 1996
P205	Mixed with radioactive wastes	April 8, 1998

P205	All others	July 8, 1996
U001	All	August 8, 1990
U002	All	August 8, 1990
U003	All	August 8, 1990
U004	All	August 8, 1990
U005	All	August 8, 1990
U006	All	August 8, 1990
U007	All	August 8, 1990
U008	All	August 8, 1990
U009	All	August 8, 1990
U010	All	August 8, 1990
U011	All	August 8, 1990
U012	All	August 8, 1990
U014	All	August 8, 1990
U015	All	August 8, 1990
U016	All	August 8, 1990
U017	All	August 8, 1990
U018	All	August 8, 1990
U019	All	August 8, 1990
U020	All	August 8, 1990
U021	All	August 8, 1990
U022	All	August 8, 1990
U023	All	August 8, 1990
U024	All	August 8, 1990
U025	All	August 8, 1990
U026	All	August 8, 1990
U027	All	August 8, 1990
U028	All	June 8, 1989
U029	All	August 8, 1990
U030	All	August 8, 1990
U031	All	August 8, 1990
U032	All	August 8, 1990
U033	All	August 8, 1990
U034	All	August 8, 1990
U035	All	August 8, 1990
U036	All	August 8, 1990
U037	All	August 8, 1990
U038	All	August 8, 1990
U039	All	August 8, 1990
U041	All	August 8, 1990
U042	All	August 8, 1990
U043	All	August 8, 1990
U044	All	August 8, 1990

U045	All	August 8, 1990
U046	All	August 8, 1990
U047	All	August 8, 1990
U048	All	August 8, 1990
U049	All	August 8, 1990
U050	All	August 8, 1990
U051	All	August 8, 1990
U052	All	August 8, 1990
U053	All	August 8, 1990
U055	All	August 8, 1990
U056	All	August 8, 1990
U057	All	August 8, 1990
U058	All	June 8, 1989
U059	All	August 8, 1990
U060	All	August 8, 1990
U061	All	August 8, 1990
U062	All	August 8, 1990
U063	All	August 8, 1990
U064	All	August 8, 1990
U066	All	August 8, 1990
U067	All	August 8, 1990
U068	All	August 8, 1990
U069	All	June 30, 1992
U070	All	August 8, 1990
U071	All	August 8, 1990
U072	All	August 8, 1990
U073	All	August 8, 1990
U074	All	August 8, 1990
U075	All	August 8, 1990
U076	All	August 8, 1990
U077	All	August 8, 1990
U078	All	August 8, 1990
U079	All	August 8, 1990
U080	All	August 8, 1990
U081	All	August 8, 1990
U082	All	August 8, 1990
U083	All	August 8, 1990
U084	All	August 8, 1990
U085	All	August 8, 1990
U086	All	August 8, 1990
U087	All	June 8, 1989
U088	All	June 8, 1989
U089	All	August 8, 1990

U090	All	August 8, 1990
U091	All	August 8, 1990
U092	All	August 8, 1990
U093	All	August 8, 1990
U094	All	August 8, 1990
U095	All	August 8, 1990
U096	All	August 8, 1990
U097	All	August 8, 1990
U098	All	August 8, 1990
U099	All	August 8, 1990
U101	All	August 8, 1990
U102	All	June 8, 1989
U103	All	August 8, 1990
U105	All	August 8, 1990
U106	All	August 8, 1990
U107	All	June 8, 1989
U108	All	August 8, 1990
U109	All	August 8, 1990
U110	All	August 8, 1990
U111	All	August 8, 1990
U112	All	August 8, 1990
U113	All	August 8, 1990
U114	All	August 8, 1990
U115	All	August 8, 1990
U116	All	August 8, 1990
U117	All	August 8, 1990
U118	All	August 8, 1990
U119	All	August 8, 1990
U120	All	August 8, 1990
U121	All	August 8, 1990
U122	All	August 8, 1990
U123	All	August 8, 1990
U124	All	August 8, 1990
U125	All	August 8, 1990
U126	All	August 8, 1990
U127	All	August 8, 1990
U128	All	August 8, 1990
U129	All	August 8, 1990
U130	All	August 8, 1990
U131	All	August 8, 1990
U132	All	August 8, 1990
U133	All	August 8, 1990
U134	All	August 8, 1990

U135	All	August 8, 1990
U136	Wastewater	August 8, 1990
U136	Nonwastewater	May 8, 1992
U137	All	August 8, 1990
U138	All	August 8, 1990
U140	All	August 8, 1990
U141	All	August 8, 1990
U142	All	August 8, 1990
U143	All	August 8, 1990
U144	All	August 8, 1990
U145	All	August 8, 1990
U146	All	August 8, 1990
U147	All	August 8, 1990
U148	All	August 8, 1990
U149	All	August 8, 1990
U150	All	August 8, 1990
U151	Wastewater	August 8, 1990
U151	Nonwastewater	May 8, 1992
U152	All	August 8, 1990
U153	All	August 8, 1990
U154	All	August 8, 1990
U155	All	August 8, 1990
U156	All	August 8, 1990
U157	All	August 8, 1990
U158	All	August 8, 1990
U159	All	August 8, 1990
U160	All	August 8, 1990
U161	All	August 8, 1990
U162	All	August 8, 1990
U163	All	August 8, 1990
U164	All	August 8, 1990
U165	All	August 8, 1990
U166	All	August 8, 1990
U167	All	August 8, 1990
U168	All	August 8, 1990
U169	All	August 8, 1990
U170	All	August 8, 1990
U171	All	August 8, 1990
U172	All	August 8, 1990
U173	All	August 8, 1990
U174	All	August 8, 1990
U176	All	August 8, 1990
U177	All	August 8, 1990

U178	All	August 8, 1990
U179	All	August 8, 1990
U180	All	August 8, 1990
U181	All	August 8, 1990
U182	All	August 8, 1990
U183	All	August 8, 1990
U184	All	August 8, 1990
U185	All	August 8, 1990
U186	All	August 8, 1990
U187	All	August 8, 1990
U188	All	August 8, 1990
U189	All	August 8, 1990
U190	All	June 8, 1989
U191	All	August 8, 1990
U192	All	August 8, 1990
U193	All	August 8, 1990
U194	All	June 8, 1989
U196	All	August 8, 1990
U197	All	August 8, 1990
U200	All	August 8, 1990
U201	All	August 8, 1990
U202	All	August 8, 1990
U203	All	August 8, 1990
U204	All	August 8, 1990
U205	All	August 8, 1990
U206	All	August 8, 1990
U207	All	August 8, 1990
U208	All	August 8, 1990
U209	All	August 8, 1990
U210	All	August 8, 1990
U211	All	August 8, 1990
U213	All	August 8, 1990
U214	All	August 8, 1990
U215	All	August 8, 1990
U216	All	August 8, 1990
U217	All	August 8, 1990
U218	All	August 8, 1990
U219	All	August 8, 1990
U220	All	August 8, 1990
U221	All	June 8, 1989
U222	All	August 8, 1990
U223	All	June 8, 1989
U225	All	August 8, 1990

U226	All	August 8, 1990
U227	All	August 8, 1990
U228	All	August 8, 1990
U234	All	August 8, 1990
U235	All	June 8, 1989
U236	All	August 8, 1990
U237	All	August 8, 1990
U238	All	August 8, 1990
U239	All	August 8, 1990
U240	All	August 8, 1990
U243	All	August 8, 1990
U244	All	August 8, 1990
U246	All	August 8, 1990
U247	All	August 8, 1990
U248	All	August 8, 1990
U249	All	August 8, 1990
U271	Mixed with radioactive wastes	April 8, 1998
U271	All others	July 8, 1996
U277	Mixed with radioactive wastes	April 8, 1998
U277	All others	July 8, 1996
U278	Mixed with radioactive wastes	April 8, 1998
U278	All others	July 8, 1996
U279	Mixed with radioactive wastes	April 8, 1998
U279	All others	July 8, 1996
U280	Mixed with radioactive wastes	April 8, 1998
U280	All others	July 8, 1996
U328	Mixed with radioactive wastes	June 30, 1994
U328	All others	November 9, 1992
U353	Mixed with radioactive wastes	June 30, 1994
U353	All others	November 9, 1992
U359	Mixed with radioactive wastes	June 30, 1994
U359	All others	November 9, 1992
U364	Mixed with radioactive wastes	April 8, 1998
U364	All others	July 8, 1996
U365	Mixed with radioactive wastes	April 8, 1998
U365	All others	July 8, 1996
U366	Mixed with radioactive wastes	April 8, 1998
U366	All others	July 8, 1996
U367	Mixed with radioactive wastes	April 8, 1998
U367	All others	July 8, 1996
U372	Mixed with radioactive wastes	April 8, 1998
U372	All others	July 8, 1996
U373	Mixed with radioactive wastes	April 8, 1998

U373	All others	July 8, 1996
U375	Mixed with radioactive wastes	April 8, 1998
U375	All others	July 8, 1996
U376	Mixed with radioactive wastes	April 8, 1998
U376	All others	July 8, 1996
U377	Mixed with radioactive wastes	April 8, 1998
U377	All others	July 8, 1996
U378	Mixed with radioactive wastes	April 8, 1998
U378	All others	July 8, 1996
U379	Mixed with radioactive wastes	April 8, 1998
U379	All others	July 8, 1996
U381	Mixed with radioactive wastes	April 8, 1998
U381	All others	July 8, 1996
U382	Mixed with radioactive wastes	April 8, 1998
U382	All others	July 8, 1996
U383	Mixed with radioactive wastes	April 8, 1998
U383	All others	July 8, 1996
U384	Mixed with radioactive wastes	April 8, 1998
U384	All others	July 8, 1996
U385	Mixed with radioactive wastes	April 8, 1998
U385	All others	July 8, 1996
U386	Mixed with radioactive wastes	April 8, 1998
U386	All others	July 8, 1996
U387	Mixed with radioactive wastes	April 8, 1998
U387	All others	July 8, 1996
U389	Mixed with radioactive wastes	April 8, 1998
U389	All others	July 8, 1996
U390	Mixed with radioactive wastes	April 8, 1998
U390	All others	July 8, 1996
U391	Mixed with radioactive wastes	April 8, 1998
U391	All others	July 8, 1996
U392	Mixed with radioactive wastes	April 8, 1998
U392	All others	July 8, 1996
U393	Mixed with radioactive wastes	April 8, 1998
U393	All others	July 8, 1996
U394	Mixed with radioactive wastes	April 8, 1998
U394	All others	July 8, 1996
U395	Mixed with radioactive wastes	April 8, 1998
U395	All others	July 8, 1996
U396	Mixed with radioactive wastes	April 8, 1998
U396	All others	July 8, 1996
U400	Mixed with radioactive wastes	April 8, 1998
U400	All others	July 8, 1996

U401	Mixed with radioactive wastes	April 8, 1998
U401	All others	July 8, 1996
U402	Mixed with radioactive wastes	April 8, 1998
U402	All others	July 8, 1996
U403	Mixed with radioactive wastes	April 8, 1998
U403	All others	July 8, 1996
U404	Mixed with radioactive wastes	April 8, 1998
U404	All others	July 8, 1996
U407	Mixed with radioactive wastes	April 8, 1998
U407	All others	July 8, 1996
U409	Mixed with radioactive wastes	April 8, 1998
U409	All others	July 8, 1996
U410	Mixed with radioactive wastes	April 8, 1998
U410	All others	July 8, 1996
U411	Mixed with radioactive wastes	April 8, 1998
U411	All others	July 8, 1996

364

365 ^a This table also does not include contaminated soil and debris wastes.

366

367 ^b The standard was revised in the Third Third Final Rule (adopted by USEPA at 55 Fed. Reg.
368 22520 (June 1, 1990), which the Board adopted in docket R90-11 at 15 Ill. Reg. 9462, effective
369 June 17, 1991.

370

371 ^c USEPA amended the standard in the Third Third Emergency Rule (at 58 Fed. Reg. 29860
372 (May 24, 1993), which the Board adopted in docket R93-16 at 18 Ill. Reg. 6799, effective
373 April 26, 1994); the original effective date was August 8, 1990.

374

375 ^d The standard was revised in the Phase II Final Rule (that USEPA adopted at 59 Fed. Reg.
376 47982 (September 19, 1994), which the Board adopted in docket R95-6 at 19 Ill. Reg. 9660,
377 effective June 27, 1995); the original effective date was August 8, 1990.

378

379 ^e The standards for selected reactive wastes was revised in the Phase III Final Rule (that USEPA
380 adopted at 61 Fed. Reg. 15566 (April 8, 1996), which the Board adopted in docket R96-
381 10/R97-3/R97-5 (consolidated) at 22 Ill. Reg. 783, effective December 16, 1997); the original
382 effective date was August 8, 1990.

383

384

385

386

387

TABLE 2
SUMMARY OF EFFECTIVE DATES OF LAND DISPOSAL RESTRICTIONS
FOR CONTAMINATED SOIL AND DEBRIS (CSD)

Restricted hazardous waste in CSD	Effective date
1. Solvent-(F001-F005) and dioxin-(F020-F023 and F026-F028) containing soil and debris from CERCLA response or RCRA corrective actions.	November 8, 1990

- | | |
|---|-------------------|
| 2. Soil and debris not from CERCLA response or RCRA corrective actions contaminated with less than one percent total solvents (F001-F005) or dioxins (F020-F023 and F026-F028). | November 8, 1988 |
| 3. All soil and debris contaminated with First Third wastes for which treatment standards are based on incineration. | August 8, 1990 |
| 4. All soil and debris contaminated with Second Third wastes for which treatment standards are based on incineration. | June 8, 1991 |
| 5. All soil and debris contaminated with Third Third wastes or, First or Second Third "soft hammer" wastes that had treatment standards promulgated in the Third Third rule, for which treatment standards are based on incineration, vitrification, or mercury retorting, acid leaching followed by chemical precipitation, or thermal recovery of metals, as well as all inorganic solids debris contaminated with D004-D011 wastes, and all soil and debris contaminated with mixed RCRA/radioactive wastes. | May 8, 1992 |
| 6. Soil and debris contaminated with D012-D043, K141-K145, and K147-151 wastes. | December 19, 1994 |
| 7. Debris (only) contaminated with F037, F038, K107-K112, K117, K118, K123-K126, K131, K132, K136, U328, U353, U359. | December 19, 1994 |
| 8. Soil and debris contaminated with K156- K161, P127, P128, P188-P192, P194, P196- P199, P201-P205, U271, U277-U280, U364-U367, U372, U373, U375-U379, U381-U387, U389-U396, U400-U404, U407, and U409-U411 wastes. | July 8, 1996 |
| 9. Soil and debris contaminated with K088 wastes. | October 8, 1997 |
| 10. Soil and debris contaminated with radioactive wastes mixed with K088, K156-K161, P127, P128, P188-P192, P194, P196-P199, P201-P205, U271, U277-U280, U364-U367, U372, U373, U375-U379, U381-U387, U389-U396, U400-U404, U407, and U409-U411 wastes. | April 8, 1998 |
| 11. Soil and debris contaminated with F032, F034, and F035. | May 12, 1997 |
| 12. Soil and debris contaminated with newly identified D004-D011 toxicity characteristic wastes and mineral processing wastes. | August 24, 1998 |
| 13. Soil and debris contaminated with mixed radioactive newly identified D011 characteristic wastes and mineral processing wastes. | May 26, 2000 |

388
 389 BOARD NOTE: These tables are provided for the convenience of the reader.

390
 391 (Source: Amended at 35 Ill. Reg. _____, effective _____)

392 **Section 728.TABLE T Treatment Standards for Hazardous Wastes**

393
 394 Note: The treatment standards that heretofore appeared in tables in Sections 728.141, 728.142,
 395 and 728.143 have been consolidated into this table.

396	397 Waste Code			
398	399 Waste Description and Treatment or Regulatory Subcategory ¹			
400	Regulated Hazardous Constituent		Wastewaters	Nonwastewaters
			Concentration ³ in	Concentration ⁵ in
	Common Name	CAS ² Number	mg/ℓ; or	mg/kg unless noted
			Technology Code ⁴	as " mg/ℓ TCLP";
				or Technology
				Code ⁴
401				
402	D001 ⁹			
403				
404	Ignitable Characteristic Wastes, except for the 35 Ill. Adm. Code 721.121(a)(1) High TOC			
405	Subcategory.			
406	NA	NA	DEACT and meet	DEACT and meet
			Section 728.148	Section 728.148
			standards ⁸ ; or	standards ⁸ ; or
			RORGS; or	RORGS; or
			CMBST	CMBST
407				
408	D001 ⁹			
409				
410	High TOC Ignitable Characteristic Liquids Subcategory based on 35 Ill. Adm. Code			
411	721.121(a)(1) – Greater than or equal to 10 percent total organic carbon.			
412				
413	(Note: This subcategory consists of nonwastewaters only.)			
414	NA	NA	NA	RORGS; CMBST;
				or POLYM
415				
416	D002 ⁹			
417				
418	Corrosive Characteristic Wastes.			
419				

420	NA	NA	DEACT and meet Section 728.148 standards ⁸	DEACT and meet Section 728.148 standards ⁸
421	D002, D004, D005, D006, D007, D008, D009, D010, D011			
422				
423	Radioactive high level wastes generated during the reprocessing of fuel rods.			
424				
425	(Note: This subcategory consists of nonwastewaters only.)			
426				
	Corrosivity (pH)	NA	NA	HLVIT
	Arsenic	7440-38-2	NA	HLVIT
	Barium	7440-39-3	NA	HLVIT
	Cadmium	7440-43-9	NA	HLVIT
	Chromium (Total)	7440-47-3	NA	HLVIT
	Lead	7439-92-1	NA	HLVIT
	Mercury	7439-97-6	NA	HLVIT
	Selenium	7782-49-2	NA	HLVIT
	Silver	7440-22-4	NA	HLVIT
427				
428	D003 ⁹			
429				
430	Reactive Sulfides Subcategory based on 35 Ill. Adm. Code 721.123(a)(5).			
431				
	NA	NA	DEACT	DEACT
432				
433	D003 ⁹			
434				
435	Explosive subcategory based on 35 Ill. Adm. Code 721.123(a)(6), (a)(7), and (a)(8).			
436				
	NA	NA	DEACT and meet Section 728.148 standards ⁸	DEACT and meet Section 728.148 standards ⁸
437				
438	D003 ⁹			
439				
440	Unexploded ordnance and other explosive devices that have been the subject of an emergency			
441	response.			
442				
	NA	NA	DEACT	DEACT
443				
444	D003 ⁹			
445				

446	Other Reactives Subcategory based on 35 Ill. Adm. Code 721.123(a)(1).			
447	NA	NA	DEACT and meet Section 728.148 standards ⁸	DEACT and meet Section 728.148 standards ⁸
448	D003 ⁹			
449	Water Reactive Subcategory based on 35 Ill. Adm. Code 721.123(a)(2), (a)(3), and (a)(4).			
450	(Note: This subcategory consists of nonwastewaters only.)			
451	NA	NA	NA	DEACT and meet Section 728.148 standards ⁸
452	D003 ⁹			
453	Reactive Cyanides Subcategory based on 35 Ill. Adm. Code 721.123(a)(5).			
454	Cyanides (Total) ⁷	57-12-5	–	590
455	Cyanides (Amenable) ⁷	57-12-5	0.86	30
456	D004 ⁹			
457	Wastes that exhibit, or are expected to exhibit, the characteristic of toxicity for arsenic based on			
458	Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for			
459	Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number			
460	EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).			
461	Arsenic	7440-38-2	1.4 and meet Section 728.148 standards ⁸	5.0 mg/ℓ TCLP and meet Section 728.148 standards ⁸
462	D005 ⁹			
463	Wastes that exhibit, or are expected to exhibit, the characteristic of toxicity for barium based on			
464	Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for			
465	Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number			
466	EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).			
467	D005 ⁹			
468	Wastes that exhibit, or are expected to exhibit, the characteristic of toxicity for barium based on			
469	Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for			
470	Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number			
471	EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).			
472	D005 ⁹			
473	Wastes that exhibit, or are expected to exhibit, the characteristic of toxicity for barium based on			
474	Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for			
475	Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number			
	EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).			

476	Barium	7440-39-3	1.2 and meet Section 728.148 standards ⁸	21 mg/ℓ TCLP and meet Section 728.148 standards ⁸
477	D006 ⁹			
478				
479	Wastes that exhibit, or are expected to exhibit, the characteristic of toxicity for cadmium based			
480	on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for			
481	Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number			
482	EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).			
483				
	Cadmium	7440-43-9	0.69 and meet Section 728.148 standards ⁸	0.11 mg/ℓ TCLP and meet Section 728.148 standards ⁸
484	D006 ⁹			
485				
486	Cadmium-Containing Batteries Subcategory.			
487				
488	(Note: This subcategory consists of nonwastewaters only.)			
489				
490	Cadmium	7440-43-9	NA	RTHRM
491	D006 ⁹			
492				
493	Radioactively contaminated cadmium-containing batteries.			
494				
495	(Note: This subcategory consists of nonwastewaters only.)			
496				
497	Cadmium	7440-43-9	NA	Macroencapsulation in accordance with Section 728.145
498	D007 ⁹			
499				
500				
501	Wastes that exhibit, or are expected to exhibit, the characteristic of toxicity for chromium based			
502	on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for			
503	Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number			
504	EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).			
505				
	Chromium (Total)	7440-47-3	2.77 and meet Section 728.148 standards ⁸	0.60 mg/ℓ TCLP and meet Section 728.148 standards ⁸

506				
507	D008 ⁹			
508				
509	Wastes that exhibit, or are expected to exhibit, the characteristic of toxicity for lead based on			
510	Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for			
511	Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number			
512	EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).			
513				
	Lead	7439-92-1	0.69 and meet Section 728.148 standards ⁸	0.75 mg/ℓ TCLP and meet Section 728.148 standards ⁸
514				
515	D008 ⁹			
516				
517	Lead Acid Batteries Subcategory			
518				
519	(Note: This standard only applies to lead acid batteries that are identified as RCRA hazardous			
520	wastes and that are not excluded elsewhere from regulation under the land disposal restrictions of			
521	this Part or exempted under other regulations (see 35 Ill. Adm. Code 726.180). This subcategory			
522	consists of nonwastewaters only.)			
523				
	Lead	7439-92-1	NA	RLEAD
524				
525	D008 ⁹			
526				
527	Radioactive Lead Solids Subcategory			
528				
529	(Note: These lead solids include, but are not limited to, all forms of lead shielding and other			
530	elemental forms of lead. These lead solids do not include treatment residuals such as hydroxide			
531	sludges, other wastewater treatment residuals, or incinerator ashes that can undergo conventional			
532	pozzolanic stabilization, nor do they include organo-lead materials that can be incinerated and			
533	stabilized as ash. This subcategory consists of nonwastewaters only.)			
534				
	Lead	7439-92-1	NA	MACRO
535				
536	D009 ⁹			
537				
538	Nonwastewaters that exhibit, or are expected to exhibit, the characteristic of toxicity for mercury			
539	based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods			
540	for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number			
541	EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a); and contain			
542	greater than or equal to 260 mg/kg total mercury that also contain organics and are not			
543	incinerator residues. (High Mercury-Organic Subcategory)			

544	Mercury	7439-97-6	NA	IMERC; or RMERC
545	D009 ⁹			
546				
547				
548	Nonwastewaters that exhibit, or are expected to exhibit, the characteristic of toxicity for mercury			
549	based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods			
550	for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number			
551	EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a); and contain			
552	greater than or equal to 260 mg/kg total mercury that are inorganic, including incinerator			
553	residues and residues from RMERC. (High Mercury-Inorganic Subcategory)			
554	Mercury	7439-97-6	NA	RMERC
555	D009 ⁹			
556				
557				
558	Nonwastewaters that exhibit, or are expected to exhibit, the characteristic of toxicity for mercury			
559	based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods			
560	for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number			
561	EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a); and contain less			
562	than 260 mg/kg total mercury. (Low Mercury Subcategory)			
563	Mercury	7439-97-6	NA	0.20 mg/ℓ TCLP and meet Section 728.148 standards ⁸
564	D009 ⁹			
565				
566				
567	All other nonwastewaters that exhibit, or are expected to exhibit, the characteristic of toxicity for			
568	mercury based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test			
569	Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number			
570	EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a); and contain less			
571	than 260 mg/kg total mercury and that are not residues from RMERC. (Low Mercury			
572	Subcategory)			
573	Mercury	7439-97-6	NA	0.025 mg/ℓ TCLP and meet Section 728.148 standards ⁸
574	D009 ⁹			
575				
576				
577	All D009 wastewaters.			

578	Mercury	7439-97-6	0.15 and meet Section 728.148 standards ⁸	NA
579	D009 ⁹			
580				
581				
582	Elemental mercury contaminated with radioactive materials.			
583				
584	(Note: This subcategory consists of nonwastewaters only.)			
585				
	Mercury	7439-97-6	NA	AMLGM
586	D009 ⁹			
587				
588				
589	Hydraulic oil contaminated with Mercury Radioactive Materials Subcategory.			
590				
591	(Note: This subcategory consists of nonwastewaters only.)			
592				
	Mercury	7439-97-6	NA	IMERC
593	D009 ⁹			
594				
595				
596	Radioactively contaminated mercury-containing batteries.			
597				
598	(Note: This subcategory consists of nonwastewaters only.)			
599				
	Mercury	7439-97-6	NA	Macroencapsulation in accordance with Section 728.145
600	D010 ⁹			
601				
602				
603	Wastes that exhibit, or are expected to exhibit, the characteristic of toxicity for selenium based			
604	on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for			
605	Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number			
606	EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).			
607				
	Selenium	7782-49-2	0.82	5.7 mg/ℓ TCLP and meet Section 728.148 standards ⁸
608	D011 ⁹			
609				

610				
611	Wastes that exhibit, or are expected to exhibit, the characteristic of toxicity for silver based on			
612	Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for			
613	Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number			
614	EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).			
615	Silver	7440-22-4	0.43	0.14 mg/ℓ TCLP and meet Section 728.148 standards ⁸
616	D011 ⁹			
617				
618				
619	Radioactively contaminated silver-containing batteries.			
620				
621	(Note: This subcategory consists of nonwastewaters only.)			
622	Silver	7440-22-4	NA	Macroencapsulation in accordance with Section 728.145
623	D012 ⁹			
624				
625				
626	Wastes that are TC for endrin based on Method 1311 (Toxicity Characteristic Leaching			
627	Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods,"			
628	USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code			
629	720.111(a).			
630	Endrin	72-20-8	BIODG; or CMBST	0.13 and meet Section 728.148 standards ⁸
	Endrin aldehyde	7421-93-4	BIODG; or CMBST	0.13 and meet Section 728.148 standards ⁸
631	D013 ⁹			
632				
633				
634	Wastes that are TC for lindane based on Method 1311 (Toxicity Characteristic Leaching			
635	Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods,"			
636	USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code			
637	720.111(a).			
638				

α -BHC	319-84-6	CARBN; or CMBST	0.066 and meet Section 728.148 standards ⁸
β -BHC	319-85-7	CARBN; or CMBST	0.066 and meet Section 728.148 standards ⁸
δ -BHC	319-86-8	CARBN; or CMBST	0.066 and meet Section 728.148 standards ⁸
γ -BHC (Lindane)	58-89-9	CARBN; or CMBST	0.066 and meet Section 728.148 standards ⁸

639
 640 D014⁹
 641
 642 Wastes that are TC for methoxychlor based on Method 1311 (Toxicity Characteristic Leaching
 643 Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods,"
 644 USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code
 645 720.111(a).
 646

Methoxychlor	72-43-5	WETOX or CMBST	0.18 and meet Section 728.148 standards ⁸
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647
 648 D015⁹
 649
 650 Wastes that are TC for toxaphene based on Method 1311 (Toxicity Characteristic Leaching
 651 Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods,"
 652 USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code
 653 720.111(a).
 654

Toxaphene	8001-35-2	BIODG or CMBST	2.6 and meet Section 728.148 standards ⁸
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655
 656 D016⁹
 657
 658 Wastes that are TC for 2,4-D (2,4-dichlorophenoxyacetic acid) based on Method 1311 (Toxicity
 659 Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste,
 660 Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by
 661 reference in 35 Ill. Adm. Code 720.111(a).
 662

663	2,4-D (2,4-dichlorophenoxyacetic acid)	94-75-7	CHOXD; BIODG; or CMBST	10 and meet Section 728.148 standards ⁸
664	D017 ⁹			
665				
666	Wastes that are TC for 2,4,5-TP (Silvex) based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).			
667				
668				
669				
670	2,4,5-TP (Silvex)	93-72-1	CHOXD or CMBST	7.9 and meet Section 728.148 standards ⁸
671	D018 ⁹			
672				
673				
674	Wastes that are TC for benzene based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).			
675				
676				
677				
678	Benzene	71-43-2	0.14 and meet Section 728.148 standards ⁸	10 and meet Section 728.148 standards ⁸
679	D019 ⁹			
680				
681				
682	Wastes that are TC for carbon tetrachloride based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).			
683				
684				
685				
686	Carbon tetrachloride	56-23-5	0.057 and meet Section 728.148 standards ⁸	6.0 and meet Section 728.148 standards ⁸
687	D020 ⁹			
688				
689				
690	Wastes that are TC for chlordane based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).			
691				
692				
693				

694	Chlordane (α and χ isomers)	57-74-9	0.0033 and meet Section 728.148 standards ⁸	0.26 and meet Section 728.148 standards ⁸
695	D021 ⁹			
696				
697				
698	Wastes that are TC for chlorobenzene based on Method 1311 (Toxicity Characteristic Leaching			
699	Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods,"			
700	USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code			
701	720.111(a).			
702	Chlorobenzene	108-90-7	0.057 and meet Section 728.148 standards ⁸	6.0 and meet Section 728.148 standards ⁸
703	D022 ⁹			
704				
705				
706	Wastes that are TC for chloroform based on Method 1311 (Toxicity Characteristic Leaching			
707	Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods,"			
708	USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code			
709	720.111(a).			
710	Chloroform	67-66-3	0.046 and meet Section 728.148 standards ⁸	6.0 and meet Section 728.148 standards ⁸
711	D023 ⁹			
712				
713				
714	Wastes that are TC for o-cresol based on Method 1311 (Toxicity Characteristic Leaching			
715	Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods,"			
716	USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code			
717	720.111(a).			
718	o-Cresol	95-48-7	0.11 and meet Section 728.148 standards ⁸	5.6 and meet Section 728.148 standards ⁸
719	D024 ⁹			
720				
721				
722	Wastes that are TC for m-cresol based on Method 1311 (Toxicity Characteristic Leaching			
723	Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods,"			

724	USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code			
725	720.111(a).			
726				
	m-Cresol (difficult to distinguish from p-cresol)	108-39-4	0.77 and meet Section 728.148 standards ⁸	5.6 and meet Section 728.148 standards ⁸
727				
728	D025 ⁹			
729				
730	Wastes that are TC for p-cresol based on Method 1311 (Toxicity Characteristic Leaching			
731	Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods,"			
732	USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code			
733	720.111(a).			
734				
	p-Cresol (difficult to distinguish from m-cresol)	106-44-5	0.77 and meet Section 728.148 standards ⁸	5.6 and meet Section 728.148 standards ⁸
735				
736	D026 ⁹			
737				
738	Wastes that are TC for cresols (total) based on Method 1311 (Toxicity Characteristic Leaching			
739	Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods,"			
740	USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code			
741	720.111(a).			
742				
	Cresol-mixed isomers (Cresylic acid) (sum of o-, m-, and p-cresol concentrations)	1319-77-3	0.88 and meet Section 728.148 standards ⁸	11.2 and meet Section 728.148 standards ⁸
743				
744	D027 ⁹			
745				
746	Wastes that are TC for p-dichlorobenzene based on Method 1311 (Toxicity Characteristic			
747	Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical			
748	Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill.			
749	Adm. Code 720.111(a).			
750				
	p-Dichlorobenzene (1,4-Dichlorobenzene)	106-46-7	0.090 and meet Section 728.148 standards ⁸	6.0 and meet Section 728.148 standards ⁸
751				
752	D028 ⁹			
753				

754 Wastes that are TC for 1,2-dichloroethane based on Method 1311 (Toxicity Characteristic
 755 Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical
 756 Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill.
 757 Adm. Code 720.111(a).

758	1,2-Dichloroethane	107-06-2	0.21 and meet Section 728.148 standards ⁸	6.0 and meet Section 728.148 standards ⁸
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759
 760 D029⁹
 761

762 Wastes that are TC for 1,1-dichloroethylene based on Method 1311 (Toxicity Characteristic
 763 Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical
 764 Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill.
 765 Adm. Code 720.111(a).

766	1,1-Dichloroethylene	75-35-4	0.025 and meet Section 728.148 standards ⁸	6.0 and meet Section 728.148 standards ⁸
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767
 768 D030⁹
 769

770 Wastes that are TC for 2,4-dinitrotoluene based on Method 1311 (Toxicity Characteristic
 771 Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical
 772 Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill.
 773 Adm. Code 720.111(a).

774	2,4-Dinitrotoluene	121-14-2	0.32 and meet Section 728.148 standards ⁸	140 and meet Section 728.148 standards ⁸
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775
 776 D031⁹
 777

778 Wastes that are TC for heptachlor based on Method 1311 (Toxicity Characteristic Leaching
 779 Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods,"
 780 USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code
 781 720.111(a).

782	Heptachlor	76-44-8	0.0012 and meet Section 728.148 standards ⁸	0.066 and meet Section 728.148 standards ⁸
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783	Heptachlor epoxide	1024-57-3	0.016 and meet Section 728.148 standards ⁸	0.066 and meet Section 728.148 standards ⁸
784	D032 ⁹			
785				
786	Wastes that are TC for hexachlorobenzene based on Method 1311 (Toxicity Characteristic			
787	Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical			
788	Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill.			
789	Adm. Code 720.111(a).			
790	Hexachlorobenzene	118-74-1	0.055 and meet Section 728.148 standards ⁸	10 and meet Section 728.148 standards ⁸
791	D033 ⁹			
792				
793				
794	Wastes that are TC for hexachlorobutadiene based on Method 1311 (Toxicity Characteristic			
795	Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical			
796	Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill.			
797	Adm. Code 720.111(a).			
798	Hexachlorobutadiene	87-68-3	0.055 and meet Section 728.148 standards ⁸	5.6 and meet Section 728.148 standards ⁸
799	D034 ⁹			
800				
801				
802	Wastes that are TC for hexachloroethane based on Method 1311 (Toxicity Characteristic			
803	Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical			
804	Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill.			
805	Adm. Code 720.111(a).			
806	Hexachloroethane	67-72-1	0.055 and meet Section 728.148 standards ⁸	30 and meet Section 728.148 standards ⁸
807	D035 ⁹			
808				
809				
810	Wastes that are TC for methyl ethyl ketone based on Method 1311 (Toxicity Characteristic			
811	Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical			
812	Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill.			
813	Adm. Code 720.111(a).			

814	Methyl ethyl ketone	78-93-3	0.28 and meet Section 728.148 standards ⁸	36 and meet Section 728.148 standards ⁸
815				
816	D036 ⁹			
817				
818	Wastes that are TC for nitrobenzene based on Method 1311 (Toxicity Characteristic Leaching			
819	Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods,"			
820	USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code			
821	720.111(a).			
822				
	Nitrobenzene	98-95-3	0.068 and meet Section 728.148 standards ⁸	14 and meet Section 728.148 standards ⁸
823				
824	D037 ⁹			
825				
826	Wastes that are TC for pentachlorophenol based on Method 1311 (Toxicity Characteristic			
827	Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical			
828	Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill.			
829	Adm. Code 720.111(a).			
830				
	Pentachlorophenol	87-86-5	0.089 and meet Section 728.148 standards ⁸	7.4 and meet Section 728.148 standards ⁸
831				
832	D038 ⁹			
833				
834	Wastes that are TC for pyridine based on Method 1311 (Toxicity Characteristic Leaching			
835	Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods,"			
836	USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code			
837	720.111(a).			
838				
	Pyridine	110-86-1	0.014 and meet Section 728.148 standards ⁸	16 and meet Section 728.148 standards ⁸
839				
840	D039 ⁹			
841				
842	Wastes that are TC for tetrachloroethylene based on Method 1311 (Toxicity Characteristic			
843	Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical			

844	Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill.			
845	Adm. Code 720.111(a).			
846	Tetrachloroethylene	127-18-4	0.056 and meet Section 728.148 standards ⁸	6.0 and meet Section 728.148 standards ⁸
847	D040 ⁹			
848	Wastes that are TC for trichloroethylene based on Method 1311 (Toxicity Characteristic			
849	Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical			
850	Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill.			
851	Adm. Code 720.111(a).			
852	Trichloroethylene			
853	79-01-6	0.054 and meet Section 728.148 standards ⁸	6.0 and meet Section 728.148 standards ⁸	
854	D041 ⁹			
855	Wastes that are TC for 2,4,5-trichlorophenol based on Method 1311 (Toxicity Characteristic			
856	Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical			
857	Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill.			
858	Adm. Code 720.111(a).			
859	2,4,5-Trichlorophenol			
860	95-95-4	0.18 and meet Section 728.148 standards ⁸	7.4 and meet Section 728.148 standards ⁸	
861	D042 ⁹			
862	Wastes that are TC for 2,4,6-trichlorophenol based on Method 1311 (Toxicity Characteristic			
863	Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical			
864	Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill.			
865	Adm. Code 720.111(a).			
866	2,4,6-Trichlorophenol			
867	88-06-2	0.035 and meet Section 728.148 standards ⁸	7.4 and meet Section 728.148 standards ⁸	
868	D043 ⁹			
869	Wastes that are TC for 2,4,6-trichlorophenol based on Method 1311 (Toxicity Characteristic			
870	Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical			
871	Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill.			
872	Adm. Code 720.111(a).			
873	D043 ⁹			

874 Wastes that are TC for vinyl chloride based on Method 1311 (Toxicity Characteristic Leaching
 875 Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods,"
 876 USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code
 877 720.111(a).

878	Vinyl chloride	75-01-4	0.27 and meet Section 728.148 standards ⁸	6.0 and meet Section 728.148 standards ⁸
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879
 880 F001, F002, F003, F004 & F005

881
 882 F001, F002, F003, F004, or F005 solvent wastes that contain any combination of one or more of
 883 the following spent solvents: acetone, benzene, n-butyl alcohol, carbon disulfide, carbon
 884 tetrachloride, chlorinated fluorocarbons, chlorobenzene, o-cresol, m-cresol, p-cresol,
 885 cyclohexanone, o-dichlorobenzene, 2-ethoxyethanol, ethyl acetate, ethyl benzene, ethyl ether,
 886 isobutyl alcohol, methanol, methylene chloride, methyl ethyl ketone, methyl isobutyl ketone,
 887 nitrobenzene, 2-nitropropane, pyridine, tetrachloroethylene, toluene, 1,1,1-trichloroethane, 1,1,2-
 888 trichloroethane, 1,1,2-trichloro-1,2,2-trifluoroethane, trichloroethylene,
 889 trichloromonofluoromethane, or xylenes (except as specifically noted in other subcategories).
 890 See further details of these listings in 35 Ill. Adm. Code 721.131.

891	Acetone	67-64-1	0.28	160
	Benzene	71-43-2	0.14	10
	n-Butyl alcohol	71-36-3	5.6	2.6
	Carbon disulfide	75-15-0	3.8	NA
	Carbon tetrachloride	56-23-5	0.057	6.0
	Chlorobenzene	108-90-7	0.057	6.0
	o-Cresol	95-48-7	0.11	5.6
	m-Cresol	108-39-4	0.77	5.6
	(difficult to distinguish from p-cresol)			
	p-Cresol	106-44-5	0.77	5.6
	(difficult to distinguish from m-cresol)			
	Cresol-mixed isomers (Cresylic acid)	1319-77-3	0.88	11.2
	(sum of o-, m-, and p-cresol concentrations)			
	Cyclohexanone	108-94-1	0.36	NA
	o-Dichlorobenzene	95-50-1	0.088	6.0
	Ethyl acetate	141-78-6	0.34	33
	Ethyl benzene	100-41-4	0.057	10
	Ethyl ether	60-29-7	0.12	160

Isobutyl alcohol	78-83-1	5.6	170
Methanol	67-56-1	5.6	NA
Methylene chloride	75-9-2	0.089	30
Methyl ethyl ketone	78-93-3	0.28	36
Methyl isobutyl ketone	108-10-1	0.14	33
Nitrobenzene	98-95-3	0.068	14
Pyridine	110-86-1	0.014	16
Tetrachloroethylene	127-18-4	0.056	6.0
Toluene	108-88-3	0.080	10
1,1,1-Trichloroethane	71-55-6	0.054	6.0
1,1,2-Trichloroethane	79-00-5	0.054	6.0
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.057	30
Trichloroethylene	79-01-6	0.054	6.0
Trichloromonofluoromethane	75-69-4	0.020	30
Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations)	1330-20-7	0.32	30

892
 893 F001, F002, F003, F004 & F005
 894
 895 F003 and F005 solvent wastes that contain any combination of one or more of the following
 896 three solvents as the only listed F001 through F005 solvents: carbon disulfide, cyclohexanone,
 897 or methanol. (Formerly Section 728.141(c)).
 898

Carbon disulfide	75-15-0	3.8	4.8 mg/ℓ TCLP
Cyclohexanone	108-94-1	0.36	0.75 mg/ℓ TCLP
Methanol	67-56-1	5.6	0.75 mg/ℓ TCLP

899
 900 F001, F002, F003, F004 & F005
 901
 902 F005 solvent waste containing 2-Nitropropane as the only listed F001 through F005 solvent.
 903

2-Nitropropane	79-46-9	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
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904
 905 F001, F002, F003, F004 & F005
 906
 907 F005 solvent waste containing 2-Ethoxyethanol as the only listed F001 through F005 solvent.
 908

	2-Ethoxyethanol	110-80-5	BIODG; or CMBST	CMBST
909				
910	F006			
911				
912	Wastewater treatment sludges from electroplating operations except from the following			
913	processes: (1) Sulfuric acid anodizing of aluminum; (2) tin plating on carbon steel; (3) zinc			
914	plating (segregated basis) on carbon steel; (4) aluminum or zinc-aluminum plating on carbon			
915	steel; (5) cleaning or stripping associated with tin, zinc, and aluminum plating on carbon steel;			
916	and (6) chemical etching and milling of aluminum.			
917				
	Cadmium	7440-43-9	0.69	0.11 mg/ℓ TCLP
	Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
	Cyanides (Total) ⁷	57-12-5	1.2	590
	Cyanides (Amenable) ⁷	57-12-5	0.86	30
	Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
	Nickel	7440-02-0	3.98	11 mg/ℓ TCLP
	Silver	7440-22-4	NA	0.14 mg/ℓ TCLP
918				
919	F007			
920				
921	Spent cyanide plating bath solutions from electroplating operations.			
922				
	Cadmium	7440-43-9	NA	0.11 mg/ℓ TCLP
	Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
	Cyanides (Total) ⁷	57-12-5	1.2	590
	Cyanides (Amenable) ⁷	57-12-5	0.86	30
	Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
	Nickel	7440-02-0	3.98	11 mg/ℓ TCLP
	Silver	7440-22-4	NA	0.14 mg/ℓ TCLP
923				
924	F008			
925				
926	Plating bath residues from the bottom of plating baths from electroplating operations where			
927	cyanides are used in the process.			
928				
	Cadmium	7440-43-9	NA	0.11 mg/ℓ TCLP
	Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
	Cyanides (Total) ⁷	57-12-5	1.2	590
	Cyanides (Amenable) ⁷	57-12-5	0.86	30
	Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
	Nickel	7440-02-0	3.98	11 mg/ℓ TCLP
	Silver	7440-22-4	NA	0.14 mg/ℓ TCLP

929
 930 F009
 931
 932 Spent stripping and cleaning bath solutions from electroplating operations where cyanides are
 933 used in the process.
 934

Cadmium	7440-43-9	NA	0.11 mg/ℓ TCLP
Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
Cyanides (Total) ⁷	57-12-5	1.2	590
Cyanides (Amenable) ⁷	57-12-5	0.86	30
Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
Nickel	7440-02-0	3.98	11 mg/ℓ TCLP
Silver	7440-22-4	NA	0.14 mg/ℓ TCLP

935
 936 F010
 937
 938 Quenching bath residues from oil baths from metal heat-treating operations where cyanides are
 939 used in the process.
 940

Cyanides (Total) ⁷	57-12-5	1.2	590
Cyanides (Amenable) ⁷	57-12-5	0.86	NA

941
 942 F011
 943
 944 Spent cyanide solutions from salt bath pot cleaning from metal heat-treating operations.
 945

Cadmium	7440-43-9	NA	0.11 mg/ℓ TCLP
Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
Cyanides (Total) ⁷	57-12-5	1.2	590
Cyanides (Amenable) ⁷	57-12-5	0.86	30
Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
Nickel	7440-02-0	3.98	11 mg/ℓ TCLP
Silver	7440-22-4	NA	0.14 mg/ℓ TCLP

946
 947 F012
 948
 949 Quenching wastewater treatment sludges from metal heat-treating operations where cyanides are
 950 used in the process.
 951

Cadmium	7440-43-9	NA	0.11 mg/ℓ TCLP
Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
Cyanides (Total) ⁷	57-12-5	1.2	590
Cyanides (Amenable) ⁷	57-12-5	0.86	30

952	Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
953	Nickel	7440-02-0	3.98	11 mg/ℓ TCLP
954	Silver	7440-22-4	NA	0.14 mg/ℓ TCLP
955	F019			
956	Wastewater treatment sludges from the chemical conversion coating of aluminum, except from zirconium phosphating in aluminum can washing when such phosphating is an exclusive conversion coating process.			
957				
958	Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
	Cyanides (Total) ⁷	57-12-5	1.2	590
	Cyanides (Amenable) ⁷	57-12-5	0.86	30
959	F020, F021, F022, F023, F026			
960				
961	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of: (1) tri- or tetrachlorophenol, or of intermediates used to produce their pesticide derivatives, excluding wastes from the production of Hexachlorophene from highly purified 2,4,5-trichlorophenol (i.e., F020); (2) pentachlorophenol, or of intermediates used to produce its derivatives (i.e., F021); (3) tetra-, penta-, or hexachlorobenzenes under alkaline conditions (i.e., F022) and wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production of materials on equipment previously used for the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of: (1) tri- or tetrachlorophenols, excluding wastes from equipment used only for the production of Hexachlorophene from highly purified 2,4,5-trichlorophenol (F023) or (2) tetra-, penta-, or hexachlorobenzenes under alkaline conditions (i.e., F026).			
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974				
	HxCDDs (All Hexachlorodibenzo-p-dioxins)	NA	0.000063	0.001
	HxCDFs (All Hexachlorodibenzofurans)	55684-94-1	0.000063	0.001
	PeCDDs (All Pentachlorodibenzo-p-dioxins)	36088-22-9	0.000063	0.001
	PeCDFs (All Pentachlorodibenzofurans)	30402-15-4	0.000035	0.001
	Pentachlorophenol	87-86-5	0.089	7.4
	TCDDs (All Tetrachlorodibenzo-p-dioxins)	41903-57-5	0.000063	0.001
	TCDFs (All Tetrachlorodibenzofurans)	55722-27-5	0.000063	0.001
	2,4,5-Trichlorophenol	95-95-4	0.18	7.4

	2,4,6-Trichlorophenol	88-06-2	0.035	7.4
	2,3,4,6-Tetrachlorophenol	58-90-2	0.030	7.4
975				
976	F024			
977				
978	Process wastes, including but not limited to, distillation residues, heavy ends, tars, and reactor			
979	clean-out wastes, from the production of certain chlorinated aliphatic hydrocarbons by free			
980	radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon			
981	chain lengths ranging from one to and including five, with varying amounts and positions of			
982	chlorine substitution. (This listing does not include wastewaters, wastewater treatment sludges,			
983	spent catalysts, and wastes listed in 35 Ill. Adm. Code 721.131 or 721.132.)			
984				
	All F024 wastes	NA	CMBST ¹¹	CMBST ¹¹
	2-Chloro-1,3-butadiene	126-99-8	0.057	0.28
	3-Chloropropylene	107-05-1	0.036	30
	1,1-Dichloroethane	75-34-3	0.059	6.0
	1,2-Dichloroethane	107-06-2	0.21	6.0
	1,2-Dichloropropane	78-87-5	0.85	18
	cis-1,3-Dichloropropylene	10061-01-5	0.036	18
	trans-1,3-Dichloropropylene	10061-02-6	0.036	18
	bis(2-Ethylhexyl) phthalate	117-81-7	0.28	28
	Hexachloroethane	67-72-1	0.055	30
	Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
	Nickel	7440-02-0	3.98	11 mg/ℓ TCLP
985				
986	F025			
987				
988	Condensed light ends from the production of certain chlorinated aliphatic hydrocarbons by free			
989	radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon			
990	chain lengths ranging from one up to and including five, with varying amounts and positions of			
991	chlorine substitution. F025 – Light Ends Subcategory.			
992				
	Carbon tetrachloride	56-23-5	0.057	6.0
	Chloroform	67-66-3	0.046	6.0
	1,2-Dichloroethane	107-06-2	0.21	6.0
	1,1-Dichloroethylene	75-35-4	0.025	6.0
	Methylene chloride	75-9-2	0.089	30
	1,1,2-Trichloroethane	79-00-5	0.054	6.0
	Trichloroethylene	79-01-6	0.054	6.0
	Vinyl chloride	75-01-4	0.27	6.0
993				
994	F025			
995				

996 Spent filters and filter aids, and spent desiccant wastes from the production of certain chlorinated
 997 aliphatic hydrocarbons by free radical catalyzed processes. These chlorinated aliphatic
 998 hydrocarbons are those having carbon chain lengths ranging from one to and including five, with
 999 varying amounts and positions of chlorine substitution. F025 – Spent Filters/Aids and Desiccants
 1000 Subcategory.

1001	Carbon tetrachloride	56-23-5	0.057	6.0
	Chloroform	67-66-3	0.046	6.0
	Hexachlorobenzene	118-74-1	0.055	10
	Hexachlorobutadiene	87-68-3	0.055	5.6
	Hexachloroethane	67-72-1	0.055	30
	Methylene chloride	75-9-2	0.089	30
	1,1,2-Trichloroethane	79-00-5	0.054	6.0
	Trichloroethylene	79-01-6	0.054	6.0
	Vinyl chloride	75-01-4	0.27	6.0

1002
 1003 F027

1004
 1005 Discarded unused formulations containing tri-, tetra-, or pentachlorophenol or discarded unused
 1006 formulations containing compounds derived from these chlorophenols. (This listing does not
 1007 include formulations containing hexachlorophene synthesized from prepurified 2,4,5-
 1008 trichlorophenol as the sole component.)

1009	HxCDDs (All Hexachlorodibenzo-p-dioxins)	NA	0.000063	0.001
	HxCDFs (All Hexachlorodibenzofurans)	55684-94-1	0.000063	0.001
	PeCDDs (All Pentachlorodibenzo-p-dioxins)	36088-22-9	0.000063	0.001
	PeCDFs (All Pentachlorodibenzofurans)	30402-15-4	0.000035	0.001
	Pentachlorophenol	87-86-5	0.089	7.4
	TCDDs (All Tetrachlorodibenzo-p-dioxins)	41903-57-5	0.000063	0.001
	TCDFs (All Tetrachlorodibenzofurans)	55722-27-5	0.000063	0.001
	2,4,5-Trichlorophenol	95-95-4	0.18	7.4
	2,4,6-Trichlorophenol	88-06-2	0.035	7.4
	2,3,4,6-Tetrachlorophenol	58-90-2	0.030	7.4

1010
 1011 F028
 1012

1013 Residues resulting from the incineration or thermal treatment of soil contaminated with USEPA
 1014 hazardous waste numbers F020, F021, F023, F026, and F027.

1015	HxCDDs (All Hexachlorodibenzo-p-dioxins)	NA	0.000063	0.001
	HxCDFs (All Hexachlorodibenzofurans)	55684-94-1	0.000063	0.001
	PeCDDs (All Pentachlorodibenzo-p-dioxins)	36088-22-9	0.000063	0.001
	PeCDFs (All Pentachlorodibenzofurans)	30402-15-4	0.000035	0.001
	Pentachlorophenol	87-86-5	0.089	7.4
	TCDDs (All Tetrachlorodibenzo-p-dioxins)	41903-57-5	0.000063	0.001
	TCDFs (All Tetrachlorodibenzofurans)	55722-27-5	0.000063	0.001
	2,4,5-Trichlorophenol	95-95-4	0.18	7.4
	2,4,6-Trichlorophenol	88-06-2	0.035	7.4
	2,3,4,6-Tetrachlorophenol	58-90-2	0.030	7.4

1016
 1017 F032

1018
 1019 Wastewaters (except those that have not come into contact with process contaminants), process
 1020 residuals, preservative drippage, and spent formulations from wood preserving processes
 1021 generated at plants that currently use or have previously used chlorophenolic formulations
 1022 (except potentially cross-contaminated wastes that have had the F032 waste code deleted in
 1023 accordance with 35 Ill. Adm. Code 721.135 or potentially cross-contaminated wastes that are
 1024 otherwise currently regulated as hazardous wastes (i.e., F034 or F035), where the generator does
 1025 not resume or initiate use of chlorophenolic formulations). This listing does not include K001
 1026 bottom sediment sludge from the treatment of wastewater from wood preserving processes that
 1027 use creosote or penta-chlorophenol.

1028	Acenaphthene	83-32-9	0.059	3.4
	Anthracene	120-12-7	0.059	3.4
	Benz(a)anthracene	56-55-3	0.059	3.4
	Benzo(b)fluoranthene (difficult to distinguish from benzo(k) fluoranthene)	205-99-2	0.11	6.8
	Benzo(k)fluoranthene (difficult to distinguish from benzo(b) fluoranthene)	207-08-9	0.11	6.8
	Benzo(a)pyrene	50-32-8	0.061	3.4
	Chrysene	218-01-9	0.059	3.4

Dibenz(a,h)anthracene	53-70-3	0.055	8.2
2-4-Dimethyl phenol	105-67-9	0.036	14
Fluorene	86-73-7	0.059	3.4
Hexachlorodibenzo-p-dioxins	NA	0.000063 or CMBST ¹¹	0.001 or CMBST ¹¹
Hexachlorodibenzofurans	NA	0.000063 or CMBST ¹¹	0.001 or CMBST ¹¹
Indeno (1,2,3-c,d) pyrene	193-39-5	0.0055	3.4
Naphthalene	91-20-3	0.059	5.6
Pentachlorodibenzo-p-dioxins	NA	0.000063 or CMBST ¹¹	0.001 or CMBST ¹¹
Pentachlorodibenzofurans	NA	0.000035 or CMBST ¹¹	0.001 or CMBST ¹¹
Pentachlorophenol	87-86-5	0.089	7.4
Phenanthrene	85-01-8	0.059	5.6
Phenol	108-95-2	0.039	6.2
Pyrene	129-00-0	0.067	8.2
Tetrachlorodibenzo-p-dioxins	NA	0.000063 or CMBST ¹¹	0.001 or CMBST ¹¹
Tetrachlorodibenzofurans	NA	0.000063 or CMBST ¹¹	0.001 or CMBST ¹¹
2,3,4,6-Tetrachlorophenol	58-90-2	0.030	7.4
2,4,6-Trichlorophenol	88-06-2	0.035	7.4
Arsenic	7440-38-2	1.4	5.0 mg/ℓ TCLP
Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP

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1030 F034

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1032 Wastewaters (except those that have not come into contact with process contaminants), process
 1033 residuals, preservative drippage, and spent formulations from wood preserving processes
 1034 generated at plants that use creosote formulations. This listing does not include K001 bottom
 1035 sediment sludge from the treatment of wastewater from wood preserving processes that use
 1036 creosote or pentachlorophenol.

1037

Acenaphthene	83-32-9	0.059	3.4
Anthracene	120-12-7	0.059	3.4
Benz(a)anthracene	56-55-3	0.059	3.4
Benzo(b)fluoranthene (difficult to distinguish from benzo(k)fluoranthene)	205-99-2	0.11	6.8
Benzo(k)fluoranthene (difficult to distinguish from benzo(b)fluoranthene)	207-08-9	0.11	6.8

Benzo(a)pyrene	50-32-8	0.061	3.4
Chrysene	218-01-9	0.059	3.4
Dibenz(a,h)anthracene	53-70-3	0.055	8.2
Fluorene	86-73-7	0.059	3.4
Indeno (1,2,3-c,d) pyrene	193-39-5	0.0055	3.4
Naphthalene	91-20-3	0.059	5.6
Phenanthrene	85-01-8	0.059	5.6
Pyrene	129-00-0	0.067	8.2
Arsenic	7440-38-2	1.4	5.0 mg/ℓ TCLP
Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP

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F035

Wastewaters (except those that have not come into contact with process contaminants), process residuals, preservative drippage, and spent formulations from wood preserving processes that are generated at plants that use inorganic preservatives containing arsenic or chromium. This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote or pentachlorophenol.

Arsenic	7440-38-2	1.4	5.0 mg/ℓ TCLP
Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP

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F037

Petroleum refinery primary oil/water/solids separation sludge – any sludge generated from the gravitational separation of oil/water/solids during the storage or treatment of process wastewaters and oily cooling wastewaters from petroleum refineries. Such sludges include, but are not limited to, those generated in: oil/water/solids separators; tanks, and impoundments; ditches, and other conveyances; sumps; and stormwater units receiving dry weather flow. Sludge generated in stormwater units that do not receive dry weather flow, sludges generated from non-contact once-through cooling waters segregated for treatment from other process or oily cooling waters, sludges generated in aggressive biological treatment units as defined in 35 Ill. Adm. Code 721.131(b)(2) (including sludges generated in one or more additional units after wastewaters have been treated in aggressive biological treatment units) and K051 wastes are not included in this listing.

Acenaphthene	83-32-9	0.059	NA
Anthracene	120-12-7	0.059	3.4
Benzene	71-43-2	0.14	10
Benz(a)anthracene	56-55-3	0.059	3.4
Benzo(a)pyrene	50-32-8	0.061	3.4
bis(2-Ethylhexyl) phthalate	117-81-7	0.28	28
Chrysene	218-01-9	0.059	3.4

Di-n-butyl phthalate	84-74-2	0.057	28
Ethylbenzene	100-41-4	0.057	10
Fluorene	86-73-7	0.059	NA
Naphthalene	91-20-3	0.059	5.6
Phenanthrene	85-01-8	0.059	5.6
Phenol	108-95-2	0.039	6.2
Pyrene	129-00-0	0.067	8.2
Toluene	108-88-3	0.080	10
Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations)	1330-20-7	0.32	30
Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
Cyanides (Total) ⁷	57-12-5	1.2	590
Lead	7439-92-1	0.69	NA
Nickel	7440-02-0	NA	11 mg/l TCLP

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F038
Petroleum refinery secondary (emulsified) oil/water/solids separation sludge or float generated from the physical or chemical separation of oil/water/solids in process wastewaters and oily cooling wastewaters from petroleum refineries. Such wastes include, but are not limited to, all sludges and floats generated in: induced air floatation (IAF) units, tanks, and impoundments, and all sludges generated in DAF units. Sludges generated in stormwater units that do not receive dry weather flow, sludges generated from non-contact once-through cooling waters segregated for treatment from other process or oily cooling waters, sludges, and floats generated in aggressive biological treatment units as defined in 35 Ill. Adm. Code 721.131(b)(2) (including sludges and floats generated in one or more additional units after wastewaters have been treated in aggressive biological units) and F037, K048, and K051 are not included in this listing.

Benzene	71-43-2	0.14	10
Benzo(a)pyrene	50-32-8	0.061	3.4
bis(2-Ethylhexyl) phthalate	117-81-7	0.28	28
Chrysene	218-01-9	0.059	3.4
Di-n-butyl phthalate	84-74-2	0.057	28
Ethylbenzene	100-41-4	0.057	10
Fluorene	86-73-7	0.059	NA
Naphthalene	91-20-3	0.059	5.6
Phenanthrene	85-01-8	0.059	5.6
Phenol	108-95-2	0.039	6.2
Pyrene	129-00-0	0.067	8.2
Toluene	108-88-3	0.080	10

1076	Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations)	1330-20-7	0.32	30
1077	Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
1078	Cyanides (Total) ⁷	57-12-5	1.2	590
1079	Lead	7439-92-1	0.69	NA
1080	Nickel	7440-02-0	NA	11 mg/ℓ TCLP
1081	Leachate (liquids that have percolated through land disposed wastes) resulting from the disposal			
1082	of more than one restricted waste classified as hazardous under Subpart D of this Part. (Leachate			
1083	resulting from the disposal of one or more of the following USEPA hazardous wastes and no			
1084	other hazardous wastes retains its USEPA hazardous waste numbers: F020, F021, F022, F026,			
	F027, or F028.).			
	Acenaphthylene	208-96-8	0.059	3.4
	Acenaphthene	83-32-9	0.059	3.4
	Acetone	67-64-1	0.28	160
	Acetonitrile	75-05-8	5.6	NA
	Acetophenone	96-86-2	0.010	9.7
	2-Acetylaminofluorene	53-96-3	0.059	140
	Acrolein	107-02-8	0.29	NA
	Acrylonitrile	107-13-1	0.24	84
	Aldrin	309-00-2	0.021	0.066
	4-Aminobiphenyl	92-67-1	0.13	NA
	Aniline	62-53-3	0.81	14
	o-Anisidine (2-methoxyaniline)	90-04-0	0.010	0.66
	Anthracene	120-12-7	0.059	3.4
	Aramite	140-57-8	0.36	NA
	α-BHC	319-84-6	0.00014	0.066
	β-BHC	319-85-7	0.00014	0.066
	δ-BHC	319-86-8	0.023	0.066
	γ-BHC	58-89-9	0.0017	0.066
	Benzene	71-43-2	0.14	10
	Benz(a)anthracene	56-55-3	0.059	3.4
	Benzo(b)fluoranthene (difficult to distinguish from benzo(k)fluoranthene)	205-99-2	0.11	6.8
	Benzo(k)fluoranthene (difficult to distinguish from benzo(b)fluoranthene)	207-08-9	0.11	6.8
	Benzo(g,h,i)perylene	191-24-2	0.0055	1.8

Benzo(a)pyrene	50-32-8	0.061	3.4
Bromodichloromethane	75-27-4	0.35	15
Methyl bromide (Bromomethane)	74-83-9	0.11	15
4-Bromophenyl phenyl ether	101-55-3	0.055	15
n-Butyl alcohol	71-36-3	5.6	2.6
Butyl benzyl phthalate	85-68-7	0.017	28
2-sec-Butyl-4,6-dinitrophenol (Dinoseb)	88-85-7	0.066	2.5
Carbon disulfide	75-15-0	3.8	NA
Carbon tetrachloride	56-23-5	0.057	6.0
Chlordane (α and χ isomers)	57-74-9	0.0033	0.26
p-Chloroaniline	106-47-8	0.46	16
Chlorobenzene	108-90-7	0.057	6.0
Chlorobenzilate	510-15-6	0.10	NA
2-Chloro-1,3-butadiene	126-99-8	0.057	NA
Chlorodibromomethane	124-48-1	0.057	15
Chloroethane	75-00-3	0.27	6.0
bis(2-Chloroethoxy)methane	111-91-1	0.036	7.2
bis(2-Chloroethyl)ether	111-44-4	0.033	6.0
Chloroform	67-66-3	0.046	6.0
bis(2-Chloroisopropyl)ether	39638-32-9	0.055	7.2
p-Chloro-m-cresol	59-50-7	0.018	14
Chloromethane (Methyl chloride)	74-87-3	0.19	30
2-Chloronaphthalene	91-58-7	0.055	5.6
2-Chlorophenol	95-57-8	0.044	5.7
3-Chloropropylene	107-05-1	0.036	30
Chrysene	218-01-9	0.059	3.4
p-Cresidine	120-71-8	0.010	0.66
o-Cresol	95-48-7	0.11	5.6
m-Cresol (difficult to distinguish from p- cresol)	108-39-4	0.77	5.6
p-Cresol (difficult to distinguish from m- cresol)	106-44-5	0.77	5.6
Cyclohexanone	108-94-1	0.36	NA
1,2-Dibromo-3-chloropropane	96-12-8	0.11	15
Ethylene dibromide (1,2- Dibromoethane)	106-93-4	0.028	15
Dibromomethane	74-95-3	0.11	15

2,4-D (2,4-Dichlorophenoxyacetic acid)	94-75-7	0.72	10
o,p'-DDD	53-19-0	0.023	0.087
p,p'-DDD	72-54-8	0.023	0.087
o,p'-DDE	3424-82-6	0.031	0.087
p,p'-DDE	72-55-9	0.031	0.087
o,p'-DDT	789-02-6	0.0039	0.087
p,p'-DDT	50-29-3	0.0039	0.087
Dibenz(a,h)anthracene	53-70-3	0.055	8.2
Dibenz(a,e)pyrene	192-65-4	0.061	NA
m-Dichlorobenzene	541-73-1	0.036	6.0
o-Dichlorobenzene	95-50-1	0.088	6.0
p-Dichlorobenzene	106-46-7	0.090	6.0
Dichlorodifluoromethane	75-71-8	0.23	7.2
1,1-Dichloroethane	75-34-3	0.059	6.0
1,2-Dichloroethane	107-06-2	0.21	6.0
1,1-Dichloroethylene	75-35-4	0.025	6.0
trans-1,2-Dichloroethylene	156-60-5	0.054	30
2,4-Dichlorophenol	120-83-2	0.044	14
2,6-Dichlorophenol	87-65-0	0.044	14
1,2-Dichloropropane	78-87-5	0.85	18
cis-1,3-Dichloropropylene	10061-01-5	0.036	18
trans-1,3-Dichloropropylene	10061-02-6	0.036	18
Dieldrin	60-57-1	0.017	0.13
2,4-Dimethylaniline (2,4-xylydine)	95-68-1	0.010	0.66
Diethyl phthalate	84-66-2	0.20	28
2,4-Dimethyl phenol	105-67-9	0.036	14
Dimethyl phthalate	131-11-3	0.047	28
Di-n-butyl phthalate	84-74-2	0.057	28
1,4-Dinitrobenzene	100-25-4	0.32	2.3
4,6-Dinitro-o-cresol	534-52-1	0.28	160
2,4-Dinitrophenol	51-28-5	0.12	160
2,4-Dinitrotoluene	121-14-2	0.32	140
2,6-Dinitrotoluene	606-20-2	0.55	28
Di-n-octyl phthalate	117-84-0	0.017	28
Di-n-propylnitrosamine	621-64-7	0.40	14
1,4-Dioxane	123-91-1	12.0	170
Diphenylamine (difficult to distinguish from diphenylnitrosamine)	122-39-4	0.92	NA

Diphenylnitrosamine (difficult to distinguish from diphenylamine)	86-30-6	0.92	NA
1,2-Diphenylhydrazine	122-66-7	0.087	NA
Disulfoton	298-04-4	0.017	6.2
Endosulfan I	939-98-8	0.023	0.066
Endosulfan II	33213-6-5	0.029	0.13
Endosulfan sulfate	1031-07-8	0.029	0.13
Endrin	72-20-8	0.0028	0.13
Endrin aldehyde	7421-93-4	0.025	0.13
Ethyl acetate	141-78-6	0.34	33
Ethyl cyanide (Propanenitrile)	107-12-0	0.24	360
Ethyl benzene	100-41-4	0.057	10
Ethyl ether	60-29-7	0.12	160
bis(2-Ethylhexyl) phthalate	117-81-7	0.28	28
Ethyl methacrylate	97-63-2	0.14	160
Ethylene oxide	75-21-8	0.12	NA
Famphur	52-85-7	0.017	15
Fluoranthene	206-44-0	0.068	3.4
Fluorene	86-73-7	0.059	3.4
Heptachlor	76-44-8	0.0012	0.066
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-HpCDD)	35822-46-9	0.000035	0.0025
1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-HpCDF)	67562-39-4	0.000035	0.0025
1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-HpCDF)	55673-89-7	0.000035	0.0025
Heptachlor epoxide	1024-57-3	0.016	0.066
Hexachlorobenzene	118-74-1	0.055	10
Hexachlorobutadiene	87-68-3	0.055	5.6
Hexachlorocyclopentadiene	77-47-4	0.057	2.4
HxCDDs (All Hexachlorodibenzo-p-dioxins)	NA	0.000063	0.001
HxCDFs (All Hexachlorodibenzofurans)	55684-94-1	0.000063	0.001
Hexachloroethane	67-72-1	0.055	30
Hexachloropropylene	1888-71-7	0.035	30
Indeno (1,2,3-c,d) pyrene	193-39-5	0.0055	3.4
Iodomethane	74-88-4	0.19	65
Isobutyl alcohol	78-83-1	5.6	170

Isodrin	465-73-6	0.021	0.066
Isosafrole	120-58-1	0.081	2.6
Kepone	143-50-8	0.0011	0.13
Methacrylonitrile	126-98-7	0.24	84
Methanol	67-56-1	5.6	NA
Methapyrilene	91-80-5	0.081	1.5
Methoxychlor	72-43-5	0.25	0.18
3-Methylcholanthrene	56-49-5	0.0055	15
4,4-Methylene bis(2-chloroaniline)	101-14-4	0.50	30
Methylene chloride	75-09-2	0.089	30
Methyl ethyl ketone	78-93-3	0.28	36
Methyl isobutyl ketone	108-10-1	0.14	33
Methyl methacrylate	80-62-6	0.14	160
Methyl methansulfonate	66-27-3	0.018	NA
Methyl parathion	298-00-0	0.014	4.6
Naphthalene	91-20-3	0.059	5.6
2-Naphthylamine	91-59-8	0.52	NA
p-Nitroaniline	100-01-6	0.028	28
Nitrobenzene	98-95-3	0.068	14
5-Nitro-o-toluidine	99-55-8	0.32	28
p-Nitrophenol	100-02-7	0.12	29
N-Nitrosodiethylamine	55-18-5	0.40	28
N-Nitrosodimethylamine	62-75-9	0.40	NA
N-Nitroso-di-n-butylamine	924-16-3	0.40	17
N-Nitrosomethylethylamine	10595-95-6	0.40	2.3
N-Nitrosomorpholine	59-89-2	0.40	2.3
N-Nitrosopiperidine	100-75-4	0.013	35
N-Nitrosopyrrolidine	930-55-2	0.013	35
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (1,2,3,4,6,7,8,9-OCDD)	3268-87-9	0.000063	0.0025
Parathion	56-38-2	0.014	4.6
Total PCBs (sum of all PCB isomers, or all Aroclors)	1336-36-3	0.10	10
Pentachlorobenzene	608-93-5	0.055	10
PeCDDs (All Pentachlorodibenzo-p-dioxins)	36088-22-9	0.000063	0.001
PeCDFs (All Pentachlorodibenzofurans)	30402-15-4	0.000035	0.001
Pentachloronitrobenzene	82-68-8	0.055	4.8
Pentachlorophenol	87-86-5	0.089	7.4

Phenacetin	62-44-2	0.081	16
Phenanthrene	85-01-8	0.059	5.6
Phenol	108-95-2	0.039	6.2
1,3-Phenylenediamine	108-45-2	0.010	0.66
Phorate	298-02-2	0.021	4.6
Phthalic anhydride	85-44-9	0.055	NA
Pronamide	23950-58-5	0.093	1.5
Pyrene	129-00-0	0.067	8.2
Pyridine	110-86-1	0.014	16
Safrole	94-59-7	0.081	22
Silvex (2,4,5-TP)	93-72-1	0.72	7.9
2,4,5-T	93-76-5	0.72	7.9
1,2,4,5-Tetrachlorobenzene	95-94-3	0.055	14
TCDDs (All	41903-57-5	0.000063	0.001
Tetrachlorodibenzo-p-dioxins)			
TCDFs (All	55722-27-5	0.000063	0.001
Tetrachlorodibenzofurans)			
1,1,1,2-Tetrachloroethane	630-20-6	0.057	6.0
1,1,2,2-Tetrachloroethane	79-34-6	0.057	6.0
Tetrachloroethylene	127-18-4	0.056	6.0
2,3,4,6-Tetrachlorophenol	58-90-2	0.030	7.4
Toluene	108-88-3	0.080	10
Toxaphene	8001-35-2	0.0095	2.6
Bromoform (Tribromomethane)	75-25-2	0.63	15
1,2,4-Trichlorobenzene	120-82-1	0.055	19
1,1,1-Trichloroethane	71-55-6	0.054	6.0
1,1,2-Trichloroethane	79-00-5	0.054	6.0
Trichloroethylene	79-01-6	0.054	6.0
Trichloromonofluoromethane	75-69-4	0.020	30
2,4,5-Trichlorophenol	95-95-4	0.18	7.4
2,4,6-Trichlorophenol	88-06-2	0.035	7.4
1,2,3-Trichloropropane	96-18-4	0.85	30
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.057	30
tris(2,3-Dibromopropyl) phosphate	126-72-7	0.11	NA
Vinyl chloride	75-01-4	0.27	6.0
Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations)	1330-20-7	0.32	30
Antimony	7440-36-0	1.9	1.15 mg/l TCLP
Arsenic	7440-38-2	1.4	5.0 mg/l TCLP
Barium	7440-39-3	1.2	21 mg/l TCLP

	Beryllium	7440-41-7	0.82	NA
	Cadmium	7440-43-9	0.69	0.11 mg/ℓ TCLP
	Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
	Cyanides (Total) ⁷	57-12-5	1.2	590
	Cyanides (Amenable) ⁷	57-12-5	0.86	NA
	Fluoride	16964-48-8	35	NA
	Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
	Mercury	7439-97-6	0.15	0.025 mg/ℓ TCLP
	Nickel	7440-02-0	3.98	11 mg/ℓ TCLP
	Selenium	7782-49-2	0.82	5.7 mg/ℓ TCLP
	Silver	7440-22-4	0.43	0.14 mg/ℓ TCLP
	Sulfide	8496-25-8	14	NA
	Thallium	7440-28-0	1.4	NA
	Vanadium	7440-62-2	4.3	NA
1085				
1086	K001			
1087				
1088	Bottom sediment sludge from the treatment of wastewaters from wood preserving processes that			
1089	use creosote or pentachlorophenol.			
1090				
	Naphthalene	91-20-3	0.059	5.6
	Pentachlorophenol	87-86-5	0.089	7.4
	Phenanthrene	85-01-8	0.059	5.6
	Pyrene	129-00-0	0.067	8.2
	Toluene	108-88-3	0.080	10
	Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations)	1330-20-7	0.32	30
	Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
1091				
1092	K002			
1093				
1094	Wastewater treatment sludge from the production of chrome yellow and orange pigments.			
1095				
	Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
	Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
1096				
1097	K003			
1098				
1099	Wastewater treatment sludge from the production of molybdate orange pigments.			
1100				
	Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
	Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP

1101				
1102	K004			
1103				
1104	Wastewater treatment sludge from the production of zinc yellow pigments.			
1105				
	Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
	Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
1106				
1107	K005			
1108				
1109	Wastewater treatment sludge from the production of chrome green pigments.			
1110				
	Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
	Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
	Cyanides (Total) ⁷	57-12-5	1.2	590
1111				
1112	K006			
1113				
1114	Wastewater treatment sludge from the production of chrome oxide green pigments (anhydrous).			
1115				
	Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
	Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
1116				
1117	K006			
1118				
1119	Wastewater treatment sludge from the production of chrome oxide green pigments (hydrated).			
1120				
	Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
	Lead	7439-92-1	0.69	NA
1121				
1122	K007			
1123				
1124	Wastewater treatment sludge from the production of iron blue pigments.			
1125				
	Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
	Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
	Cyanides (Total) ⁷	57-12-5	1.2	590
1126				
1127	K008			
1128				
1129	Oven residue from the production of chrome oxide green pigments.			
1130				
	Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP

1131	Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
1132	K009			
1133				
1134	Distillation bottoms from the production of acetaldehyde from ethylene.			
1135	Chloroform	67-66-3	0.046	6.0
1136				
1137	K010			
1138				
1139	Distillation side cuts from the production of acetaldehyde from ethylene.			
1140	Chloroform	67-66-3	0.046	6.0
1141				
1142	K011			
1143				
1144	Bottom stream from the wastewater stripper in the production of acrylonitrile.			
1145	Acetonitrile	75-05-8	5.6	38
	Acrylonitrile	107-13-1	0.24	84
	Acrylamide	79-06-1	19	23
	Benzene	71-43-2	0.14	10
	Cyanide (Total)	57-12-5	1.2	590
1146				
1147	K013			
1148				
1149	Bottom stream from the acetonitrile column in the production of acrylonitrile.			
1150	Acetonitrile	75-05-8	5.6	38
	Acrylonitrile	107-13-1	0.24	84
	Acrylamide	79-06-1	19	23
	Benzene	71-43-2	0.14	10
	Cyanide (Total)	57-12-5	1.2	590
1151				
1152	K014			
1153				
1154	Bottoms from the acetonitrile purification column in the production of acrylonitrile.			
1155	Acetonitrile	75-05-8	5.6	38
	Acrylonitrile	107-13-1	0.24	84
	Acrylamide	79-06-1	19	23
	Benzene	71-43-2	0.14	10
	Cyanide (Total)	57-12-5	1.2	590

1156				
1157	K015			
1158				
1159	Still bottoms from the distillation of benzyl chloride.			
1160				
	Anthracene	120-12-7	0.059	3.4
	Benzal chloride	98-87-3	0.055	6.0
	Benzo(b)fluoranthene (difficult to distinguish from benzo(k)fluoranthene)	205-99-2	0.11	6.8
	Benzo(k)fluoranthene (difficult to distinguish from benzo(b)fluoranthene)	207-08-9	0.11	6.8
	Phenanthrene	85-01-8	0.059	5.6
	Toluene	108-88-3	0.080	10
	Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
	Nickel	7440-02-0	3.98	11 mg/ℓ TCLP
1161				
1162	K016			
1163				
1164	Heavy ends or distillation residues from the production of carbon tetrachloride.			
1165				
	Hexachlorobenzene	118-74-1	0.055	10
	Hexachlorobutadiene	87-68-3	0.055	5.6
	Hexachlorocyclopentadiene	77-47-4	0.057	2.4
	Hexachloroethane	67-72-1	0.055	30
	Tetrachloroethylene	127-18-4	0.056	6.0
1166				
1167	K017			
1168				
1169	Heavy ends (still bottoms) from the purification column in the production of epichlorohydrin.			
1170				
	bis(2-Chloroethyl)ether	111-44-4	0.033	6.0
	1,2-Dichloropropane	78-87-5	0.85	18
	1,2,3-Trichloropropane	96-18-4	0.85	30
1171				
1172	K018			
1173				
1174	Heavy ends from the fractionation column in ethyl chloride production.			
1175				
	Chloroethane	75-00-3	0.27	6.0
	Chloromethane	74-87-3	0.19	NA
	1,1-Dichloroethane	75-34-3	0.059	6.0

	1,2-Dichloroethane	107-06-2	0.21	6.0
	Hexachlorobenzene	118-74-1	0.055	10
	Hexachlorobutadiene	87-68-3	0.055	5.6
	Hexachloroethane	67-72-1	0.055	30
	Pentachloroethane	76-01-7	NA	6.0
	1,1,1-Trichloroethane	71-55-6	0.054	6.0
1176				
1177	K019			
1178				
1179	Heavy ends from the distillation of ethylene dichloride in ethylene dichloride production.			
1180				
	bis(2-Chloroethyl)ether	111-44-4	0.033	6.0
	Chlorobenzene	108-90-7	0.057	6.0
	Chloroform	67-66-3	0.046	6.0
	p-Dichlorobenzene	106-46-7	0.090	NA
	1,2-Dichloroethane	107-06-2	0.21	6.0
	Fluorene	86-73-7	0.059	NA
	Hexachloroethane	67-72-1	0.055	30
	Naphthalene	91-20-3	0.059	5.6
	Phenanthrene	85-01-8	0.059	5.6
	1,2,4,5-Tetrachlorobenzene	95-94-3	0.055	NA
	Tetrachloroethylene	127-18-4	0.056	6.0
	1,2,4-Trichlorobenzene	120-82-1	0.055	19
	1,1,1-Trichloroethane	71-55-6	0.054	6.0
1181				
1182	K020			
1183				
1184	Heavy ends from the distillation of vinyl chloride in vinyl chloride monomer production.			
1185				
	1,2-Dichloroethane	107-06-2	0.21	6.0
	1,1,2,2-Tetrachloroethane	79-34-6	0.057	6.0
	Tetrachloroethylene	127-18-4	0.056	6.0
1186				
1187	K021			
1188				
1189	Aqueous spent antimony catalyst waste from fluoromethanes production.			
1190				
	Carbon tetrachloride	56-23-5	0.057	6.0
	Chloroform	67-66-3	0.046	6.0
	Antimony	7440-36-0	1.9	1.15 mg/ℓ TCLP
1191				
1192	K022			
1193				

1194	Distillation bottom tars from the production of phenol or acetone from cumene.			
1195				
	Toluene	108-88-3	0.080	10
	Acetophenone	96-86-2	0.010	9.7
	Diphenylamine (difficult to distinguish from diphenylnitrosamine)	122-39-4	0.92	13
	Diphenylnitrosamine (difficult to distinguish from diphenylamine)	86-30-6	0.92	13
	Phenol	108-95-2	0.039	6.2
	Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
	Nickel	7440-02-0	3.98	11 mg/ℓ TCLP
1196				
1197	K023			
1198				
1199	Distillation light ends from the production of phthalic anhydride from naphthalene.			
1200				
	Phthalic anhydride (measured as Phthalic acid or Terephthalic acid)	100-21-0	0.055	28
	Phthalic anhydride (measured as Phthalic acid or Terephthalic acid)	85-44-9	0.055	28
1201				
1202	K024			
1203				
1204	Distillation bottoms from the production of phthalic anhydride from naphthalene.			
1205				
	Phthalic anhydride (measured as Phthalic acid or Terephthalic acid)	100-21-0	0.055	28
	Phthalic anhydride (measured as Phthalic acid or Terephthalic acid)	85-44-9	0.055	28
1206				
1207	K025			
1208				
1209	Distillation bottoms from the production of nitrobenzene by the nitration of benzene.			
1210				
	NA	NA	LLEXT fb SSTRP fb CARBN; or CMBST	CMBST

1211				
1212	K026			
1213				
1214	Stripping still tails from the production of methyl ethyl pyridines.			
1215	NA	NA	CMBST	CMBST
1216				
1217	K027			
1218				
1219	Centrifuge and distillation residues from toluene diisocyanate production.			
1220	NA	NA	CARBN; or CMBST	CMBST
1221				
1222	K028			
1223				
1224	Spent catalyst from the hydrochlorinator reactor in the production of 1,1,1-trichloroethane.			
1225				
	1,1-Dichloroethane	75-34-3	0.059	6.0
	trans-1,2-Dichloroethylene	156-60-5	0.054	30
	Hexachlorobutadiene	87-68-3	0.055	5.6
	Hexachloroethane	67-72-1	0.055	30
	Pentachloroethane	76-01-7	NA	6.0
	1,1,1,2-Tetrachloroethane	630-20-6	0.057	6.0
	1,1,2,2-Tetrachloroethane	79-34-6	0.057	6.0
	Tetrachloroethylene	127-18-4	0.056	6.0
	1,1,1-Trichloroethane	71-55-6	0.054	6.0
	1,1,2-Trichloroethane	79-00-5	0.054	6.0
	Cadmium	7440-43-9	0.69	NA
	Chromium(Total)	7440-47-3	2.77	0.60 mg/l TCLP
	Lead	7439-92-1	0.69	0.75 mg/l TCLP
	Nickel	7440-02-0	3.98	11 mg/l TCLP
1226				
1227	K029			
1228				
1229	Waste from the product steam stripper in the production of 1,1,1-trichloroethane.			
1230				
	Chloroform	67-66-3	0.046	6.0
	1,2-Dichloroethane	107-06-2	0.21	6.0
	1,1-Dichloroethylene	75-35-4	0.025	6.0
	1,1,1-Trichloroethane	71-55-6	0.054	6.0
	Vinyl chloride	75-01-4	0.27	6.0
1231				

1232	K030			
1233				
1234	Column bodies or heavy ends from the combined production of trichloroethylene and			
1235	perchloroethylene.			
1236				
	o-Dichlorobenzene	95-50-1	0.088	NA
	p-Dichlorobenzene	106-46-7	0.090	NA
	Hexachlorobutadiene	87-68-3	0.055	5.6
	Hexachloroethane	67-72-1	0.055	30
	Hexachloropropylene	1888-71-7	NA	30
	Pentachlorobenzene	608-93-5	NA	10
	Pentachloroethane	76-01-7	NA	6.0
	1,2,4,5-Tetrachlorobenzene	95-94-3	0.055	14
	Tetrachloroethylene	127-18-4	0.056	6.0
	1,2,4-Trichlorobenzene	120-82-1	0.055	19
1237				
1238	K031			
1239				
1240	By-product salts generated in the production of MSMA and cacodylic acid.			
1241				
	Arsenic	7440-38-2	1.4	5.0 mg/ℓ TCLP
1242				
1243	K032			
1244				
1245	Wastewater treatment sludge from the production of chlordane.			
1246				
	Hexachlorocyclopentadiene	77-47-4	0.057	2.4
	Chlordane (α and γ isomers)	57-74-9	0.0033	0.26
	Heptachlor	76-44-8	0.0012	0.066
	Heptachlor epoxide	1024-57-3	0.016	0.066
1247				
1248	K033			
1249				
1250	Wastewater and scrub water from the chlorination of cyclopentadiene in the production of			
1251	chlordane.			
1252				
	Hexachlorocyclopentadiene	77-47-4	0.057	2.4
1253				
1254	K034			
1255				
1256	Filter solids from the filtration of hexachlorocyclopentadiene in the production of chlordane.			
1257				
	Hexachlorocyclopentadiene	77-47-4	0.057	2.4

1258				
1259	K035			
1260				
1261	Wastewater treatment sludges generated in the production of creosote.			
1262				
	Acenaphthene	83-32-9	NA	3.4
	Anthracene	120-12-7	NA	3.4
	Benz(a)anthracene	56-55-3	0.059	3.4
	Benzo(a)pyrene	50-32-8	0.061	3.4
	Chrysene	218-01-9	0.059	3.4
	o-Cresol	95-48-7	0.11	5.6
	m-Cresol	108-39-4	0.77	5.6
	(difficult to distinguish from p-cresol)			
	p-Cresol	106-44-5	0.77	5.6
	(difficult to distinguish from m-cresol)			
	Dibenz(a,h)anthracene	53-70-3	NA	8.2
	Fluoranthene	206-44-0	0.068	3.4
	Fluorene	86-73-7	NA	3.4
	Indeno(1,2,3-cd)pyrene	193-39-5	NA	3.4
	Naphthalene	91-20-3	0.059	5.6
	Phenanthrene	85-01-8	0.059	5.6
	Phenol	108-95-2	0.039	6.2
	Pyrene	129-00-0	0.067	8.2
1263				
1264	K036			
1265				
1266	Still bottoms from toluene reclamation distillation in the production of disulfoton.			
1267				
	Disulfoton	298-04-4	0.017	6.2
1268				
1269	K037			
1270				
1271	Wastewater treatment sludges from the production of disulfoton.			
1272				
	Disulfoton	298-04-4	0.017	6.2
	Toluene	108-88-3	0.080	10
1273				
1274	K038			
1275				
1276	Wastewater from the washing and stripping of phorate production.			
1277				

1278	Phorate	298-02-2	0.021	4.6
1279	K039			
1280				
1281	Filter cake from the filtration of diethylphosphorodithioic acid in the production of phorate.			
1282	NA	NA	CARBN; or CMBST	CMBST
1283				
1284	K040			
1285				
1286	Wastewater treatment sludge from the production of phorate.			
1287				
1288	Phorate	298-02-2	0.021	4.6
1289	K041			
1290				
1291	Wastewater treatment sludge from the production of toxaphene.			
1292				
1293	Toxaphene	8001-35-2	0.0095	2.6
1294	K042			
1295				
1296	Heavy ends or distillation residues from the distillation of tetrachlorobenzene in the production			
1297	of 2,4,5-T.			
1298				
	o-Dichlorobenzene	95-50-1	0.088	6.0
	p-Dichlorobenzene	106-46-7	0.090	6.0
	Pentachlorobenzene	608-93-5	0.055	10
	1,2,4,5-Tetrachlorobenzene	95-94-3	0.055	14
	1,2,4-Trichlorobenzene	120-82-1	0.055	19
1299				
1300	K043			
1301				
1302	2,6-Dichlorophenol waste from the production of 2,4-D.			
1303				
	2,4-Dichlorophenol	120-83-2	0.044	14
	2,6-Dichlorophenol	187-65-0	0.044	14
	2,4,5-Trichlorophenol	95-95-4	0.18	7.4
	2,4,6-Trichlorophenol	88-06-2	0.035	7.4
	2,3,4,6-Tetrachlorophenol	58-90-2	0.030	7.4
	Pentachlorophenol	87-86-5	0.089	7.4
	Tetrachloroethylene	127-18-4	0.056	6.0

1304	HxCDDs (All Hexachlorodibenzo-p-dioxins)	NA	0.000063	0.001
1305	HxCDFs (All Hexachlorodibenzofurans)	55684-94-1	0.000063	0.001
1306	PeCDDs (All Pentachlorodibenzo-p-dioxins)	36088-22-9	0.000063	0.001
1307	PeCDFs (All Pentachlorodibenzofurans)	30402-15-4	0.000035	0.001
1308	TCDDs (All Tetrachlorodibenzo-p-dioxins)	41903-57-5	0.000063	0.001
1309	TCDFs (All Tetrachlorodibenzofurans)	55722-27-5	0.000063	0.001
1310	K044			
1311	Wastewater treatment sludges from the manufacturing and processing of explosives.			
1312	NA	NA	DEACT	DEACT
1313	K045			
1314	Spent carbon from the treatment of wastewater containing explosives.			
1315	NA	NA	DEACT	DEACT
1316	K046			
1317	Wastewater treatment sludges from the manufacturing, formulation and loading of lead-based initiating compounds.			
1318	Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
1319	K047			
1320	Pink or red water from TNT operations.			
1321	NA	NA	DEACT	DEACT
1322	K048			
1323	Dissolved air flotation (DAF) float from the petroleum refining industry.			
1324	Benzene	71-43-2	0.14	10

	Benzo(a)pyrene	50-32-8	0.061	3.4
	bis(2-Ethylhexyl) phthalate	117-81-7	0.28	28
	Chrysene	218-01-9	0.059	3.4
	Di-n-butyl phthalate	84-74-2	0.057	28
	Ethylbenzene	100-41-4	0.057	10
	Fluorene	86-73-7	0.059	NA
	Naphthalene	91-20-3	0.059	5.6
	Phenanthrene	85-01-8	0.059	5.6
	Phenol	108-95-2	0.039	6.2
	Pyrene	129-00-0	0.067	8.2
	Toluene	108-88-33	0.080	10
	Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations)	1330-20-7	0.32	30
	Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
	Cyanides (Total) ⁷	57-12-5	1.2	590
	Lead	7439-92-1	0.69	NA
	Nickel	7440-02-0	NA	11 mg/ℓ TCLP
1330				
1331	K049			
1332				
1333	Slop oil emulsion solids from the petroleum refining industry.			
1334				
	Anthracene	120-12-7	0.059	3.4
	Benzene	71-43-2	0.14	10
	Benzo(a)pyrene	50-32-8	0.061	3.4
	bis(2-Ethylhexyl) phthalate	117-81-7	0.28	28
	Carbon disulfide	75-15-0	3.8	NA
	Chrysene	2218-01-9	0.059	3.4
	2,4-Dimethylphenol	105-67-9	0.036	NA
	Ethylbenzene	100-41-4	0.057	10
	Naphthalene	91-20-3	0.059	5.6
	Phenanthrene	85-01-8	0.059	5.6
	Phenol	108-95-2	0.039	6.2
	Pyrene	129-00-0	0.067	8.2
	Toluene	108-88-3	0.080	10
	Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations)	1330-20-7	0.32	30
	Cyanides (Total) ⁷	57-12-5	1.2	590
	Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
	Lead	7439-92-1	0.69	NA
	Nickel	7440-02-0	NA	11 mg/ℓ TCLP

1335				
1336	K050			
1337				
1338	Heat exchanger bundle cleaning sludge from the petroleum refining industry.			
1339				
	Benzo(a)pyrene	50-32-8	0.061	3.4
	Phenol	108-95-2	0.039	6.2
	Cyanides (Total) ⁷	57-12-5	1.2	590
	Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
	Lead	7439-92-1	0.69	NA
	Nickel	7440-02-0	NA	11 mg/ℓ TCLP
1340				
1341	K051			
1342				
1343	API separator sludge from the petroleum refining industry.			
1344				
	Acenaphthene	83-32-9	0.059	NA
	Anthracene	120-12-7	0.059	3.4
	Benz(a)anthracene	56-55-3	0.059	3.4
	Benzene	71-43-2	0.14	10
	Benzo(a)pyrene	50-32-8	0.061	3.4
	bis(2-Ethylhexyl) phthalate	117-81-7	0.28	28
	Chrysene	2218-01-9	0.059	3.4
	Di-n-butyl phthalate	105-67-9	0.057	28
	Ethylbenzene	100-41-4	0.057	10
	Fluorene	86-73-7	0.059	NA
	Naphthalene	91-20-3	0.059	5.6
	Phenanthrene	85-01-8	0.059	5.6
	Phenol	108-95-2	0.039	6.2
	Pyrene	129-00-0	0.067	8.2
	Toluene	108-88-3	0.08	10
	Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations)	1330-20-7	0.32	30
	Cyanides (Total) ⁷	57-12-5	1.2	590
	Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
	Lead	7439-92-1	0.69	NA
	Nickel	7440-02-0	NA	11 mg/ℓ TCLP
1345				
1346	K052			
1347				
1348	Tank bottoms (leaded) from the petroleum refining industry.			
1349				

	Benzene	71-43-2	0.14	10
	Benzo(a)pyrene	50-32-8	0.061	3.4
	o-Cresol	95-48-7	0.11	5.6
	m-Cresol	108-39-4	0.77	5.6
	(difficult to distinguish from p-cresol)			
	p-Cresol	106-44-5	0.77	5.6
	(difficult to distinguish from m-cresol)			
	2,4-Dimethylphenol	105-67-9	0.036	NA
	Ethylbenzene	100-41-4	0.057	10
	Naphthalene	91-20-3	0.059	5.6
	Phenanthrene	85-01-8	0.059	5.6
	Phenol	108-95-2	0.039	6.2
	Toluene	108-88-3	0.08	10
	Xylenes-mixed isomers	1330-20-7	0.32	30
	(sum of o-, m-, and p-xylene concentrations)			
	Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
	Cyanides (Total) ⁷	57-12-5	1.2	590
	Lead	7439-92-1	0.69	NA
	Nickel	7440-02-0	NA	11 mg/ℓ TCLP
1350				
1351	K060			
1352				
1353	Ammonia still lime sludge from coking operations.			
1354				
	Benzene	71-43-2	0.14	10
	Benzo(a)pyrene	50-32-8	0.061	3.4
	Naphthalene	91-20-3	0.059	5.6
	Phenol	108-95-2	0.039	6.2
	Cyanides (Total) ⁷	57-12-5	1.2	590
1355				
1356	K061			
1357				
1358	Emission control dust or sludge from the primary production of steel in electric furnaces.			
1359				
	Antimony	7440-36-0	NA	1.15 mg/ℓ TCLP
	Arsenic	7440-38-2	NA	5.0 mg/ℓ TCLP
	Barium	7440-39-3	NA	21 mg/ℓ TCLP
	Beryllium	7440-41-7	NA	1.22 mg/ℓ TCLP
	Cadmium	7440-43-9	0.69	0.11 mg/ℓ TCLP
	Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP

1360	Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
1361	Mercury	7439-97-6	NA	0.025 mg/ℓ TCLP
1362	Nickel	7440-02-0	3.98	11 mg/ℓ TCLP
1363	Selenium	7782-49-2	NA	5.7 mg/ℓ TCLP
1364	Silver	7440-22-4	NA	0.14 mg/ℓ TCLP
1365	Thallium	7440-28-0	NA	0.20 mg/ℓ TCLP
	Zinc	7440-66-6	NA	4.3 mg/ℓ TCLP
1366	K062			
1367	Spent pickle liquor generated by steel finishing operations of facilities within the iron and steel industry (SIC Codes 331 and 332).			
1368	Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
1369	Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
1370	Nickel	7440-02-0	3.98	NA
1371	K069			
1372	Emission control dust or sludge from secondary lead smelting-Calcium sulfate (Low Lead) Subcategory.			
1373	Cadmium	7440-43-9	0.69	0.11 mg/ℓ TCLP
1374	Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
1375	K069			
1376	Emission control dust or sludge from secondary lead smelting-Non-Calcium sulfate (High Lead) Subcategory.			
1377	NA	NA	NA	RLEAD
1378	K071			
1379	K071 (Brine purification muds from the mercury cell process in chlorine production, where separately prepurified brine is not used) nonwastewaters that are residues from RMERC.			
1380	Mercury	7439-97-6	NA	0.20 mg/ℓ TCLP
1381	K071			
1382	K071 (Brine purification muds from the mercury cell process in chlorine production, where separately prepurified brine is not used) nonwastewaters that are not residues from RMERC.			
1383				
1384				
1385				
1386				
1387				
1388				

1389	Mercury	7439-97-6	NA	0.025 mg/ℓ TCLP
1390				
1391	K071			
1392				
1393	All K071 wastewaters.			
1394				
	Mercury	7439-97-6	0.15	NA
1395				
1396	K073			
1397				
1398	Chlorinated hydrocarbon waste from the purification step of the diaphragm cell process using			
1399	graphite anodes in chlorine production.			
1400				
	Carbon tetrachloride	56-23-5	0.057	6.0
	Chloroform	67-66-3	0.046	6.0
	Hexachloroethane	67-72-1	0.055	30
	Tetrachloroethylene	127-18-4	0.056	6.0
	1,1,1-Trichloroethane	71-55-6	0.054	6.0
1401				
1402	K083			
1403				
1404	Distillation bottoms from aniline production.			
1405				
	Aniline	62-53-3	0.81	14
	Benzene	71-43-2	0.14	10
	Cyclohexanone	108-94-1	0.36	NA
	Diphenylamine	122-39-4	0.92	13
	(difficult to distinguish from diphenylnitrosamine)			
	Diphenylnitrosamine (difficult to distinguish from diphenylamine)	86-30-6	0.92	13
	Nitrobenzene	98-95-3	0.068	14
	Phenol	108-95-2	0.039	6.2
	Nickel	7440-02-0	3.98	11 mg/ℓ TCLP
1406				
1407	K084			
1408				
1409	Wastewater treatment sludges generated during the production of veterinary pharmaceuticals			
1410	from arsenic or organo-arsenic compounds.			
1411				
	Arsenic	7440-38-2	1.4	5.0 mg/ℓ TCLP

1412				
1413	K085			
1414				
1415	Distillation or fractionation column bottoms from the production of chlorobenzenes.			
1416				
	Benzene	71-43-2	0.14	10
	Chlorobenzene	108-90-7	0.057	6.0
	m-Dichlorobenzene	541-73-1	0.036	6.0
	o-Dichlorobenzene	95-50-1	0.088	6.0
	p-Dichlorobenzene	106-46-7	0.090	6.0
	Hexachlorobenzene	118-74-1	0.055	10
	Total PCBs	1336-36-3	0.10	10
	(sum of all PCB isomers, or all Aroclors)			
	Pentachlorobenzene	608-93-5	0.055	10
	1,2,4,5-Tetrachlorobenzene	95-94-3	0.055	14
	1,2,4-Trichlorobenzene	120-82-1	0.055	19
1417				
1418	K086			
1419				
1420	Solvent wastes and sludges, caustic washes and sludges, or water washes and sludges from			
1421	cleaning tubs and equipment used in the formulation of ink from pigments, driers, soaps, and			
1422	stabilizers containing chromium and lead.			
1423				
	Acetone	67-64-1	0.28	160
	Acetophenone	96-86-2	0.010	9.7
	bis(2-Ethylhexyl) phthalate	117-81-7	0.28	28
	n-Butyl alcohol	71-36-3	5.6	2.6
	Butylbenzyl phthalate	85-68-7	0.017	28
	Cyclohexanone	108-94-1	0.36	NA
	o-Dichlorobenzene	95-50-1	0.088	6.0
	Diethyl phthalate	84-66-2	0.20	28
	Dimethyl phthalate	131-11-3	0.047	28
	Di-n-butyl phthalate	84-74-2	0.057	28
	Di-n-octyl phthalate	117-84-0	0.017	28
	Ethyl acetate	141-78-6	0.34	33
	Ethylbenzene	100-41-4	0.057	10
	Methanol	67-56-1	5.6	NA
	Methyl ethyl ketone	78-93-3	0.28	36
	Methyl isobutyl ketone	108-10-1	0.14	33
	Methylene chloride	75-09-2	0.089	30
	Naphthalene	91-20-3	0.059	5.6
	Nitrobenzene	98-95-3	0.068	14

	Toluene	108-88-3	0.080	10
	1,1,1-Trichloroethane	71-55-6	0.054	6.0
	Trichloroethylene	79-01-6	0.054	6.0
	Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations)	1330-20-7	0.32	30
	Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
	Cyanides (Total) ⁷	57-12-5	1.2	590
	Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
1424				
1425	K087			
1426				
1427	Decanter tank tar sludge from coking operations.			
1428				
	Acenaphthylene	208-96-8	0.059	3.4
	Benzene	71-43-2	0.14	10
	Chrysene	218-01-9	0.059	3.4
	Fluoranthene	206-44-0	0.068	3.4
	Indeno(1,2,3-cd)pyrene	193-39-5	0.0055	3.4
	Naphthalene	91-20-3	0.059	5.6
	Phenanthrene	85-01-8	0.059	5.6
	Toluene	108-88-3	0.080	10
	Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations)	1330-20-7	0.32	30
	Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
1429				
1430	K088			
1431				
1432	Spent potliners from primary aluminum reduction.			
1433				
	Acenaphthene	83-32-9	0.059	3.4
	Anthracene	120-12-7	0.059	3.4
	Benz(a)anthracene	56-55-3	0.059	3.4
	Benzo(a)pyrene	50-32-8	0.061	3.4
	Benzo(b)fluoranthene	205-99-2	0.11	6.8
	Benzo(k)fluoranthene	207-08-9	0.11	6.8
	Benzo(g,h,i)perylene	191-24-2	0.0055	1.8
	Chrysene	218-01-9	0.059	3.4
	Dibenz(a,h)anthracene	53-70-3	0.055	8.2
	Fluoranthene	206-44-0	0.068	3.4
	Indeno(1,2,3-cd)pyrene	193-39-5	0.0055	3.4

Phenanthrene	85-01-8	0.059	5.6
Pyrene	129-00-0	0.067	8.2
Antimony	7440-36-0	1.9	1.15 mg/ℓ TCLP
Arsenic	7440-38-2	1.4	26.1 mg/ℓ
Barium	7440-39-3	1.2	21 mg/ℓ TCLP
Beryllium	7440-41-7	0.82	1.22 mg/ℓ TCLP
Cadmium	7440-43-9	0.69	0.11 mg/ℓ TCLP
Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
Mercury	7439-97-6	0.15	0.025 mg/ℓ TCLP
Nickel	7440-02-0	3.98	11 mg/ℓ TCLP
Selenium	7782-49-2	0.82	5.7 mg/ℓ TCLP
Silver	7440-22-4	0.43	0.14 mg/ℓ TCLP
Cyanide (Total) ⁷	57-12-5	1.2	590
Cyanide (Amenable) ⁷	57-12-5	0.86	30
Fluoride	16984-48-8	35	NA

1434
 1435 K093
 1436
 1437 Distillation light ends from the production of phthalic anhydride from ortho-xylene.
 1438

Phthalic anhydride (measured as Phthalic acid or Terephthalic acid)	100-21-0	0.055	28
Phthalic anhydride (measured as Phthalic acid or Terephthalic acid)	85-44-9	0.055	28

1439
 1440 K094
 1441
 1442 Distillation bottoms from the production of phthalic anhydride from ortho-xylene.
 1443

Phthalic anhydride (measured as Phthalic acid or Terephthalic acid)	100-21-0	0.055	28
Phthalic anhydride (measured as Phthalic acid or Terephthalic acid)	85-44-9	0.055	28

1444
 1445 K095
 1446
 1447 Distillation bottoms from the production of 1,1,1-trichloroethane.
 1448

1449	Hexachloroethane	67-72-1	0.055	30
1450	Pentachloroethane	76-01-7	0.055	6.0
1451	1,1,1,2-Tetrachloroethane	630-20-6	0.057	6.0
1452	1,1,2,2-Tetrachloroethane	79-34-6	0.057	6.0
1453	Tetrachloroethylene	127-18-4	0.056	6.0
	1,1,2-Trichloroethane	79-00-5	0.054	6.0
	Trichloroethylene	79-01-6	0.054	6.0
1449				
1450	K096			
1451				
1452	Heavy ends from the heavy ends column from the production of 1,1,1-trichloroethane.			
1453				
	m-Dichlorobenzene	541-73-1	0.036	6.0
	Pentachloroethane	76-01-7	0.055	6.0
	1,1,1,2-Tetrachloroethane	630-20-6	0.057	6.0
	1,1,2,2-Tetrachloroethane	79-34-6	0.057	6.0
	Tetrachloroethylene	127-18-4	0.056	6.0
	1,2,4-Trichlorobenzene	120-82-1	0.055	19
	1,1,2-Trichloroethane	79-00-5	0.054	6.0
	Trichloroethylene	79-01-6	0.054	6.0
1454				
1455	K097			
1456				
1457	Vacuum stripper discharge from the chlordane chlorinator in the production of chlordane.			
1458				
	Chlordane (α and χ isomers)	57-74-9	0.0033	0.26
	Heptachlor	76-44-8	0.0012	0.066
	Heptachlor epoxide	1024-57-3	0.016	0.066
	Hexachlorocyclopentadiene	77-47-4	0.057	2.4
1459				
1460	K098			
1461				
1462	Untreated process wastewater from the production of toxaphene.			
1463				
	Toxaphene	8001-35-2	0.0095	2.6
1464				
1465	K099			
1466				
1467	Untreated wastewater from the production of 2,4-D.			
1468				
	2,4-Dichlorophenoxyacetic acid	94-75-7	0.72	10
	HxCDDs (All	NA	0.000063	0.001
	Hexachlorodibenzo-p-dioxins)			

1469	HxCDFs (All Hexachlorodibenzofurans)	55684-94-1	0.000063	0.001
1470	PeCDDs (All Pentachlorodibenzo-p-dioxins)	36088-22-9	0.000063	0.001
1471	PeCDFs (All Pentachlorodibenzofurans)	30402-15-4	0.000035	0.001
1472	TCDDs (All Tetrachlorodibenzo-p-dioxins)	41903-57-5	0.000063	0.001
1473	TCDFs (All Tetrachlorodibenzofurans)	55722-27-5	0.000063	0.001
1474	Waste leaching solution from acid leaching of emission control dust or sludge from secondary lead smelting.			
	Cadmium	7440-43-9	0.69	0.11 mg/ℓ TCLP
	Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
	Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
1475				
1476	K101			
1477				
1478	Distillation tar residues from the distillation of aniline-based compounds in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.			
1479				
1480	o-Nitroaniline	88-74-4	0.27	14
	Arsenic	7440-38-2	1.4	5.0 mg/ℓ TCLP
	Cadmium	7440-43-9	0.69	NA
	Lead	7439-92-1	0.69	NA
	Mercury	7439-97-6	0.15	NA
1481				
1482	K102			
1483				
1484	Residue from the use of activated carbon for decolorization in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.			
1485				
1486	o-Nitrophenol	88-75-5	0.028	13
	Arsenic	7440-38-2	1.4	5.0 mg/ℓ TCLP
	Cadmium	7440-43-9	0.69	NA
	Lead	7439-92-1	0.69	NA
	Mercury	7439-97-6	0.15	NA
1487				
1488	K103			

1489				
1490	Process residues from aniline extraction from the production of aniline.			
1491				
	Aniline	62-53-3	0.81	14
	Benzene	71-43-2	0.14	10
	2,4-Dinitrophenol	51-28-5	0.12	160
	Nitrobenzene	98-95-3	0.068	14
	Phenol	108-95-2	0.039	6.2
1492				
1493	K104			
1494				
1495	Combined wastewater streams generated from nitrobenzene or aniline production.			
1496				
	Aniline	62-53-3	0.81	14
	Benzene	71-43-2	0.14	10
	2,4-Dinitrophenol	51-28-5	0.12	160
	Nitrobenzene	98-95-3	0.068	14
	Phenol	108-95-2	0.039	6.2
	Cyanides (Total) ⁷	57-12-5	1.2	590
1497				
1498	K105			
1499				
1500	Separated aqueous stream from the reactor product washing step in the production of			
1501	chlorobenzenes.			
1502				
	Benzene	71-43-2	0.14	10
	Chlorobenzene	108-90-7	0.057	6.0
	2-Chlorophenol	95-57-8	0.044	5.7
	o-Dichlorobenzene	95-50-1	0.088	6.0
	p-Dichlorobenzene	106-46-7	0.090	6.0
	Phenol	108-95-2	0.039	6.2
	2,4,5-Trichlorophenol	95-95-4	0.18	7.4
	2,4,6-Trichlorophenol	88-06-2	0.035	7.4
1503				
1504	K106			
1505				
1506	K106 (wastewater treatment sludge from the mercury cell process in chlorine production)			
1507	nonwastewaters that contain greater than or equal to 260 mg/kg total mercury.			
1508				
	Mercury	7439-97-6	NA	RMERC
1509				
1510	K106			
1511				

1512	K106 (wastewater treatment sludge from the mercury cell process in chlorine production)			
1513	nonwastewaters that contain less than 260 mg/kg total mercury that are residues from RMERC.			
1514	Mercury	7439-97-6	NA	0.20 mg/ℓ TCLP
1515	K106			
1516	K106			
1517	K106			
1518	Other K106 nonwastewaters that contain less than 260 mg/kg total mercury and are not residues			
1519	from RMERC.			
1520	Mercury	7439-97-6	NA	0.025 mg/ℓ TCLP
1521	K106			
1522	K106			
1523	K106			
1524	All K106 wastewaters.			
1525	Mercury	7439-97-6	0.15	NA
1526	K107			
1527	K107			
1528	K107			
1529	Column bottoms from product separation from the production of 1,1-dimethylhydrazine			
1530	(UDMH) from carboxylic acid hydrazides.			
1531	NA	NA	CMBST; or CHOXD fb CARBN; or BIODG fb CARBN	CMBST
1532	K108			
1533	K108			
1534	K108			
1535	Condensed column overheads from product separation and condensed reactor vent gases from			
1536	the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazides.			
1537	NA	NA	CMBST; or CHOXD fb CARBN; or BIODG fb CARBN	CMBST
1538	K109			
1539	K109			
1540	K109			

1541	Spent filter cartridges from product purification from the production of 1,1-dimethylhydrazine			
1542	(UDMH) from carboxylic acid hydrazides.			
1543	NA	NA	CMBST; or CHOXD fb CARBN; or BIODG fb CARBN	CMBST
1544	K110			
1545	K110			
1546	K110			
1547	Condensed column overheads from intermediate separation from the production of 1,1-			
1548	dimethylhydrazine (UDMH) from carboxylic acid hydrazides.			
1549	NA	NA	CMBST; or CHOXD fb CARBN; or BIODG fb CARBN	CMBST
1550	K111			
1551	K111			
1552	K111			
1553	Product washwaters from the production of dinitrotoluene via nitration of toluene.			
1554	2,4-Dinitrotoluene	121-14-2	0.32	140
	2,6-Dinitrotoluene	606-20-2	0.55	28
1555	K112			
1556	K112			
1557	K112			
1558	Reaction by-product water from the drying column in the production of toluenediamine via			
1559	hydrogenation of dinitrotoluene.			
1560	NA	NA	CMBST; or CHOXD fb CARBN; or BIODG fb CARBN	CMBST
1561	K113			
1562	K113			
1563	K113			
1564	Condensed liquid light ends from the purification of toluenediamine in the production of			
1565	toluenediamine via hydrogenation of dinitrotoluene.			

1566	NA	NA	CARBN; or CMBST	CMBST
1567				
1568	K114			
1569				
1570	Vicinals from the purification of toluenediamine in the production of toluenediamine via			
1571	hydrogenation of dinitrotoluene.			
1572	NA	NA	CARBN; or CMBST	CMBST
1573				
1574	K115			
1575				
1576	Heavy ends from the purification of toluenediamine in the production of toluenediamine via			
1577	hydrogenation of dinitrotoluene.			
1578	Nickel	7440-02-0	3.98	11 mg/ℓ TCLP
	NA	NA	CARBN; or CMBST	CMBST
1579				
1580	K116			
1581				
1582	Organic condensate from the solvent recovery column in the production of toluene diisocyanate			
1583	via phosgenation of toluenediamine.			
1584	NA	NA	CARBN; or CMBST	CMBST
1585				
1586	K117			
1587				
1588	Wastewater from the reactor vent gas scrubber in the production of ethylene dibromide via			
1589	bromination of ethene.			
1590	Methyl bromide (Bromomethane)	74-83-9	0.11	15
	Chloroform	67-66-3	0.046	6.0
	Ethylene dibromide (1,2- Dibromoethane)	106-93-4	0.028	15
1591				
1592	K118			
1593				

1594	Spent absorbent solids from purification of ethylene dibromide in the production of ethylene			
1595	dibromide via bromination of ethene.			
1596	Methyl bromide (Bromomethane)	74-83-9	0.11	15
	Chloroform	67-66-3	0.046	6.0
	Ethylene dibromide (1,2- Dibromoethane)	106-93-4	0.028	15
1597	K123			
1598	K123			
1599	K123			
1600	Process wastewater (including supernates, filtrates, and washwaters) from the production of			
1601	ethylenebisdithiocarbamic acid and its salts.			
1602	NA	NA	CMBST; or CHOXD fb (BIODG or CARBN)	CMBST
1603	K124			
1604	K124			
1605	K124			
1606	Reactor vent scrubber water from the production of ethylenebisdithiocarbamic acid and its salts.			
1607	NA	NA	CMBST; or CHOXD fb (BIODG or CARBN)	CMBST
1608	K125			
1609	K125			
1610	K125			
1611	Filtration, evaporation, and centrifugation solids from the production of			
1612	ethylenebisdithiocarbamic acid and its salts.			
1613	NA	NA	CMBST; or CHOXD fb (BIODG or CARBN)	CMBST
1614	K126			
1615	K126			
1616	K126			
1617	Baghouse dust and floor sweepings in milling and packaging operations from the production or			
1618	formulation of ethylenebisdithiocarbamic acid and its salts.			
1619	K126			

NA	NA	CMBST; or CHOXD fb (BIODG or CARBN)	CMBST
1620			
1621	K131		
1622			
1623	Wastewater from the reactor and spent sulfuric acid from the acid dryer from the production of		
1624	methyl bromide.		
1625	Methyl bromide (Bromomethane)	74-83-9	0.11 15
1626			
1627	K132		
1628			
1629	Spent absorbent and wastewater separator solids from the production of methyl bromide.		
1630	Methyl bromide (Bromomethane)	74-83-9	0.11 15
1631			
1632	K136		
1633			
1634	Still bottoms from the purification of ethylene dibromide in the production of ethylene dibromide		
1635	via bromination of ethene.		
1636	Methyl bromide (Bromomethane)	74-83-9	0.11 15
	Chloroform	67-66-3	0.046 6.0
	Ethylene dibromide (1,2- Dibromoethane)	106-93-4	0.028 15
1637			
1638	K141		
1639			
1640	Process residues from the recovery of coal tar, including, but not limited to, collecting sump		
1641	residues from the production of coke or the recovery of coke by-products produced from coal.		
1642	This listing does not include K087 (decanter tank tar sludge from coking operations).		
1643			
	Benzene	71-43-2	0.14 10
	Benz(a)anthracene	56-55-3	0.059 3.4
	Benzo(a)pyrene	50-2-8	0.061 3.4
	Benzo(b)fluoranthene (difficult to distinguish from benzo(k)fluoranthene)	205-99-2	0.11 6.8

1644	Benzo(k)fluoranthene (difficult to distinguish from benzo(b)fluoranthene)	207-08-9	0.11	6.8
1645	Chrysene	218-01-9	0.059	3.4
1646	Dibenz(a,h)anthracene	53-70-3	0.055	8.2
1647	Indeno(1,2,3-cd)pyrene	193-39-5	0.0055	3.4
1648	Tar storage tank residues from the production of coke from coal or from the recovery of coke by-products produced from coal.			
1649	Benzo(b)fluoranthene (difficult to distinguish from benzo(k)fluoranthene)	205-99-2	0.11	6.8
	Benzo(k)fluoranthene (difficult to distinguish from benzo(b)fluoranthene)	207-08-9	0.11	6.8
	Chrysene	218-01-9	0.059	3.4
	Dibenz(a,h)anthracene	53-70-3	0.055	8.2
	Indeno(1,2,3-cd)pyrene	193-39-5	0.0055	3.4
1650	K142			
1651	Process residues from the recovery of light oil, including, but not limited to, those generated in stills, decanters, and wash oil recovery units from the recovery of coke by-products produced from coal.			
1652	Benzo(b)fluoranthene (difficult to distinguish from benzo(k)fluoranthene)	205-99-2	0.11	6.8
1653	Benzo(k)fluoranthene (difficult to distinguish from benzo(b)fluoranthene)	207-08-9	0.11	6.8
1654	Chrysene	218-01-9	0.059	3.4
1655	Dibenz(a,h)anthracene	53-70-3	0.055	8.2
1656	Indeno(1,2,3-cd)pyrene	193-39-5	0.0055	3.4
1657	K143			
1658	Process residues from the recovery of light oil, including, but not limited to, those generated in stills, decanters, and wash oil recovery units from the recovery of coke by-products produced from coal.			
	Benzo(b)fluoranthene (difficult to distinguish from benzo(k)fluoranthene)	205-99-2	0.11	6.8
	Benzo(k)fluoranthene (difficult to distinguish from benzo(b)fluoranthene)	207-08-9	0.11	6.8
	Chrysene	218-01-9	0.059	3.4
	K144			

1659
 1660 Wastewater sump residues from light oil refining, including, but not limited to, intercepting or
 1661 contamination sump sludges from the recovery of coke by-products produced from coal.
 1662

Benzene	71-43-2	0.14	10
Benz(a)anthracene	56-55-3	0.059	3.4
Benzo(a)pyrene	50-32-8	0.061	3.4
Benzo(b)fluoranthene (difficult to distinguish from benzo(k)fluoranthene)	205-99-2	0.11	6.8
Benzo(k)fluoranthene (difficult to distinguish from benzo(b)fluoranthene)	207-08-9	0.11	6.8
Chrysene	218-01-9	0.059	3.4
Dibenz(a,h)anthracene	53-70-3	0.055	8.2

1663
 1664 K145
 1665
 1666 Residues from naphthalene collection and recovery operations from the recovery of coke by-
 1667 products produced from coal.
 1668

Benzene	71-43-2	0.14	10
Benz(a)anthracene	56-55-3	0.059	3.4
Benzo(a)pyrene	50-32-8	0.061	3.4
Chrysene	218-01-9	0.059	3.4
Dibenz(a,h)anthracene	53-70-3	0.055	8.2
Naphthalene	91-20-3	0.059	5.6

1669
 1670 K147
 1671
 1672 Tar storage tank residues from coal tar refining.
 1673

Benzene	71-43-2	0.14	10
Benz(a)anthracene	56-55-3	0.059	3.4
Benzo(a)pyrene	50-32-8	0.061	3.4
Benzo(b)fluoranthene (difficult to distinguish from benzo(k)fluoranthene)	205-99-2	0.11	6.8
Benzo(k)fluoranthene (difficult to distinguish from benzo(b)fluoranthene)	207-08-9	0.11	6.8
Chrysene	218-01-9	0.059	3.4
Dibenz(a,h)anthracene	53-70-3	0.055	8.2

1674	Indeno(1,2,3-cd)pyrene	193-39-5	0.0055	3.4
1675	K148			
1676				
1677	Residues from coal tar distillation, including, but not limited to, still bottoms.			
1678				
	Benz(a)anthracene	56-55-3	0.059	3.4
	Benzo(a)pyrene	50-32-8	0.061	3.4
	Benzo(b)fluoranthene (difficult to distinguish from benzo(k)fluoranthene)	205-99-2	0.11	6.8
	Benzo(k)fluoranthene (difficult to distinguish from benzo(b)fluoranthene)	207-08-9	0.11	6.8
	Chrysene	218-01-9	0.059	3.4
	Dibenz(a,h)anthracene	53-70-3	0.055	8.2
	Indeno(1,2,3-cd)pyrene	193-39-5	0.0055	3.4
1679				
1680	K149			
1681				
1682	Distillation bottoms from the production of α - (or methyl-) chlorinated toluenes, ring-chlorinated			
1683	toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups. (This			
1684	waste does not include still bottoms from the distillations of benzyl chloride.)			
1685				
	Chlorobenzene	108-90-7	0.057	6.0
	Chloroform	67-66-3	0.046	6.0
	Chloromethane	74-87-3	0.19	30
	p-Dichlorobenzene	106-46-7	0.090	6.0
	Hexachlorobenzene	118-74-1	0.055	10
	Pentachlorobenzene	608-93-5	0.055	10
	1,2,4,5-Tetrachlorobenzene	95-94-3	0.055	14
	Toluene	108-88-3	0.080	10
1686				
1687	K150			
1688				
1689	Organic residuals, excluding spent carbon adsorbent, from the spent chlorine gas and			
1690	hydrochloric acid recovery processes associated with the production of α - (or methyl-)			
1691	chlorinated toluenes, ring-chlorinated toluenes, benzoyl chlorides, and compounds with mixtures			
1692	of these functional groups.			
1693				
	Carbon tetrachloride	56-23-5	0.057	6.0
	Chloroform	67-66-3	0.046	6.0
	Chloromethane	74-87-3	0.19	30

1694	p-Dichlorobenzene	106-46-7	0.090	6.0
1695	Hexachlorobenzene	118-74-1	0.055	10
1696	Pentachlorobenzene	608-93-5	0.055	10
1697	1,2,4,5-Tetrachlorobenzene	95-94-3	0.055	14
1698	1,1,2,2- Tetrachloroethane	79-34-5	0.057	6.0
1699	Tetrachloroethylene	127-18-4	0.056	6.0
1700	1,2,4-Trichlorobenzene	120-82-1	0.055	19
1701				
1694				
1695	K151			
1696				
1697	Wastewater treatment sludges, excluding neutralization and biological sludges, generated during			
1698	the treatment of wastewaters from the production of α - (or methyl-) chlorinated toluenes, ring-			
1699	chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional			
1700	groups.			
1701				
	Benzene	71-43-2	0.14	10
	Carbon tetrachloride	56-23-5	0.057	6.0
	Chloroform	67-66-3	0.046	6.0
	Hexachlorobenzene	118-74-1	0.055	10
	Pentachlorobenzene	608-93-5	0.055	10
	1,2,4,5-Tetrachlorobenzene	95-94-3	0.055	14
	Tetrachloroethylene	127-18-4	0.056	6.0
	Toluene	108-88-3	0.080	10
1702				
1703	K156			
1704				
1705	Organic waste (including heavy ends, still bottoms, light ends, spent solvents, filtrates, and			
1706	decantates) from the production of carbamates and carbamoyl oximes. ¹⁰ <u>(This listing does not</u>			
1707	<u>apply to wastes generated from the manufacture of 3-iodo-2-propynyl n-butylcarbamate.)</u>			
1708				
	Acetonitrile	75-05-8	5.6	1.8
	Acetophenone	98-86-2	0.010	9.7
	Aniline	62-53-3	0.81	14
	Benomyl	17804-35-2	0.056	1.4
	Benzene	71-43-2	0.14	10
	Carbaryl	63-25-21	0.006	0.14
	Carbenzadim	10605-21-7	0.056	1.4
	Carbofuran	1563-66-2	0.006	0.14
	Carbosulfan	55285-14-8	0.028	1.4
	Chlorobenzene	108-90-7	0.057	6.0
	Chloroform	67-66-3	0.046	6.0
	o-Dichlorobenzene	95-50-1	0.088	6.0

	Methomyl	16752-77-5	0.028	0.14
	Methylene chloride	75-09-2	0.089	30
	Methyl ethyl ketone	78-93-3	0.28	36
	Naphthalene	91-20-3	0.059	5.6
	Phenol	108-95-2	0.039	6.2
	Pyridine	110-86-1	0.014	16
	Toluene	108-88-3	0.080	10
	Triethylamine	121-44-8	0.081	1.5
1709				
1710	K157			
1711				
1712	Wastewaters (including scrubber waters, condenser waters, washwaters, and separation waters)			
1713	from the production of carbamates and carbamoyl oximes. <u>(This listing does not apply to wastes</u>			
1714	<u>generated from the manufacture of 3-iodo-2-propynyl n-butylcarbamate.)</u>			
1715				
	Carbon tetrachloride	56-23-5	0.057	6.0
	Chloroform	67-66-3	0.046	6.0
	Chloromethane	74-87-3	0.19	30
	Methomyl	16752-77-5	0.028	0.14
	Methylene chloride	75-09-2	0.089	30
	Methyl ethyl ketone	78-93-3	0.28	36
	Pyridine	110-86-1	0.014	16
	Triethylamine	121-44-8	0.081	1.5
1716				
1717	K158			
1718				
1719	Baghouse dusts and filter/separation solids from the production of carbamates and carbamoyl			
1720	oximes. <u>(This listing does not apply to wastes generated from the manufacture of 3-iodo-2-</u>			
1721	<u>propynyl n-butylcarbamate.)</u>			
1722				
	Benomyl	17804-35-2	0.056	1.4
	Benzene	71-43-2	0.14	10
	Carbenzadim	10605-21-7	0.056	1.4
	Carbofuran	1563-66-2	0.006	0.14
	Carbosulfan	55285-14-8	0.028	1.4
	Chloroform	67-66-3	0.046	6.0
	Methylene chloride	75-09-2	0.089	30
	Phenol	108-95-2	0.039	6.2
1723				
1724	K159			
1725				
1726	Organics from the treatment of thiocarbamate wastes. ¹⁰			
1727				

1728	Benzene	71-43-2	0.14	10
1729	Butylate	2008-41-5	0.042	1.4
1730	EPTC (Eptam)	759-94-4	0.042	1.4
1731	Molinate	2212-67-1	0.042	1.4
1732	Pebulate	1114-71-2	0.042	1.4
1733	Vernolate	1929-77-7	0.042	1.4
1734				
1735	K161			
1736				
1737	Purification solids (including filtration, evaporation, and centrifugation solids), baghouse dust and floor sweepings from the production of dithiocarbamate acids and their salts.			
1738				
	Antimony	7440-36-0	1.9	1.15 ¹¹
	Arsenic	7440-38-2	1.4	5.0 ¹¹
	Carbon disulfide	75-15-0	3.8	4.8 ¹¹
	Dithiocarbamates (total)	137-30-4	0.028	28
	Lead	7439-92-1	0.69	0.75 ¹¹
	Nickel	7440-02-0	3.98	11 ¹¹
	Selenium	7782-49-2	0.82	5.7 ¹¹
1739				
1740	K169			
1741				
1742	Crude oil tank sediment from petroleum refining operations.			
1743				
	Benz(a)anthracene	56-55-3	0.059	3.4
	Benzene	71-43-2	0.14	10
	Benzo(g,h,i)perylene	191-24-2	0.0055	1.8
	Chrysene	218-01-9	0.059	3.4
	Ethyl benzene	100-41-4	0.057	10
	Fluorene	86-73-7	0.059	3.4
	Naphthalene	91-20-3	0.059	5.6
	Phenanthrene	81-05-8	0.059	5.6
	Pyrene	129-00-0	0.067	8.2
	Toluene (Methyl Benzene)	108-88-3	0.080	10
	Xylenes (Total)	1330-20-7	0.32	30
1744				
1745	K170			
1746				
1747	Clarified slurry oil sediment from petroleum refining operations.			
1748				
	Benz(a)anthracene	56-55-3	0.059	3.4
	Benzene	71-43-2	0.14	10
	Benzo(g,h,i)perylene	191-24-2	0.0055	1.8

Chrysene	218-01-9	0.059	3.4
Dibenz(a,h)anthracene	53-70-3	0.055	8.2
Ethyl benzene	100-41-4	0.057	10
Fluorene	86-73-7	0.059	3.4
Indeno(1,2,3,-cd)pyrene	193-39-5	0.0055	3.4
Naphthalene	91-20-3	0.059	5.6
Phenanthrene	81-05-8	0.059	5.6
Pyrene	129-00-0	0.067	8.2
Toluene (Methyl Benzene)	108-88-3	0.080	10
Xylenes (Total)	1330-20-7	0.32	30

1744

1745 K171

1746

1747 Spent hydrotreating catalyst from petroleum refining operations, including guard beds used to
 1748 desulfurize feeds to other catalytic reactors. (This listing does not include inert support media.)
 1749

Benz(a)anthracene	56-55-3	0.059	3.4
Benzene	71-43-2	0.14	10
Chrysene	218-01-9	0.059	3.4
Ethyl benzene	100-41-4	0.057	10
Naphthalene	91-20-3	0.059	5.6
Phenanthrene	81-05-8	0.059	5.6
Pyrene	129-00-0	0.067	8.2
Toluene (Methyl Benzene)	108-88-3	0.080	10
Xylenes (Total)	1330-20-7	0.32	30
Arsenic	7740-38-2	1.4	5 mg/l TCLP
Nickel	7440-02-0	3.98	11.0 mg/l TCLP
Vanadium	7440-62-2	4.3	1.6 mg/l TCLP
Reactive sulfides	NA	DEACT	DEACT

1750

1751 K172

1752

1753 Spent hydrorefining catalyst from petroleum refining operations, including guard beds used to
 1754 desulfurize feeds to other catalytic reactors. (This listing does not include inert support media.)
 1755

Benzene	71-43-2	0.14	10
Ethyl benzene	100-41-4	0.057	10
Toluene (Methyl Benzene)	108-88-3	0.080	10
Xylenes (Total)	1330-20-7	0.32	30
Antimony	7740-36-0	1.9	1.15 mg/l TCLP
Arsenic	7740-38-2	1.4	5 mg/l TCLP
Nickel	7440-02-0	3.98	11.0 mg/l TCLP
Vanadium	7440-62-2	4.3	1.6 mg/l TCLP

	Reactive Sulfides	NA	DEACT	DEACT
1756				
1757	K174			
1758				
1759	Wastewater treatment sludge from the production of ethylene dichloride or vinyl chloride			
1760	monomer.			
1761				
	1,2,3,4,6,7,8- Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-HpCDD)	35822-46-9	0.000035 or CMBST ¹¹	0.0025 or CMBST ¹¹
	1,2,3,4,6,7,8- Heptachlorodibenzofuran (1,2,3,4,6,7,8-HpCDF)	67562-39-4	0.000035 or CMBST ¹¹	0.0025 or CMBST ¹¹
	1,2,3,4,7,8,9- Heptachlorodibenzofuran (1,2,3,4,7,8,9-HpCDF)	55673-89-7	0.000035 or CMBST ¹¹	0.0025 or CMBST ¹¹
	All hexachlorodibenzo-p-dioxins (HxCDDs)	34465-46-8	0.000063 or CMBST ¹¹	0.001 or CMBST ¹¹
	All hexachlorodibenzofurans (HxCDFs)	55684-94-1	0.000063 or CMBST ¹¹	0.001 or CMBST ¹¹
	1,2,3,4,6,7,8,9- Octachlorodibenzo-p-dioxin (1,2,3,4,6,7,8,9-OCDD)	3268-87-9	0.000063 or CMBST ¹¹	0.005 or CMBST ¹¹
	1,2,3,4,6,7,8,9- Octachlorodibenzofuran (1,2,3,4,6,7,8,9-OCDF)	39001-02-0	0.000063 or CMBST ¹¹	0.005 or CMBST ¹¹
	All pentachlorodibenzo-p- dioxins (PeCDDs)	36088-22-9	0.000063 or CMBST ¹¹	0.001 or CMBST ¹¹
	All pentachlorodibenzofurans (PeCDFs)	30402-15-4	0.000035 or CMBST ¹¹	0.001 or CMBST ¹¹
	All tetrachlorodibenzo-p-dioxins (TCDDs)	41903-57-5	0.000063 or CMBST ¹¹	0.001 or CMBST ¹¹
	All tetrachlorodibenzofurans (TCDFs)	55722-27-5	0.000063 or CMBST ¹¹	0.001 or CMBST ¹¹
	Arsenic	7440-36-0	1.4	5.0 mg/l TCLP
1762				
1763	K175			
1764				
1765	Wastewater treatment sludge from the production of vinyl chloride monomer using mercuric			
1766	chloride catalyst in an acetylene-based process.			
1767				
	Mercury ¹² PH ¹²	7439-97-6	NA NA	0.025 mg/l TCLP pH ≤ 6.0

1768				
1769	K175			
1770				
1771	All K175 wastewaters.			
1772				
	Mercury	7439-97-6	0.15	NA
1773				
1774	K176			
1775				
1776	Baghouse filters from the production of antimony oxide, including filters from the production of			
1777	intermediates e.g., antimony metal or crude antimony oxide).			
1778				
	Antimony	7440-36-0	1.9	1.15 mg/ℓ TCLP
	Arsenic	7440-38-2	1.4	5.0 mg/ℓ TCLP
	Cadmium	7440-43-9	0.69	0.11 mg/ℓ TCLP
	Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
	Mercury	7439-97-6	0.15	0.025 mg/ℓ TCLP
1779				
1780	K177			
1781				
1782	Slag from the production of antimony oxide that is speculatively accumulated or disposed,			
1783	including slag from the production of intermediates (e.g., antimony metal or crude antimony			
1784	oxide).			
1785				
	Antimony	7440-36-0	1.9	1.15 mg/ℓ TCLP
	Arsenic	7440-38-2	1.4	5.0 mg/ℓ TCLP
	Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
1786				
1787	K178			
1788				
1789	Residues from manufacturing and manufacturing-site storage of ferric chloride from acids			
1790	formed during the production of titanium dioxide using the chloride-ilmenite process.			
1791				
	1,2,3,4,6,7,8- Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-HpCDD)	35822-46-9	0.000035 or CMBST ¹¹	0.0025 or CMBST ¹¹
	1,2,3,4,6,7,8- Heptachlorodibenzofuran (1,2,3,4,6,7,8-HpCDF)	67562-39-4	0.000035 or CMBST ¹¹	0.0025 or CMBST ¹¹
	1,2,3,4,7,8,9- Heptachlorodibenzofuran (1,2,3,4,7,8,9-HpCDF)	55673-89-7	0.000035 or CMBST ¹¹	0.0025 or CMBST ¹¹

HxCDDs (All Hexachlorodibenzo-p-dioxins)	34465-46-8	0.000063 or CMBST ¹¹	0.001 or CMBST ¹¹
HxCDFs (All Hexachlorodibenzofurans)	55684-94-1	0.000063 or CMBST ¹¹	0.001 or CMBST ¹¹
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (1,2,3,4,6,7,8,9-OCDD)	3268-87-9	0.000063 or CMBST ¹¹	0.005 or CMBST ¹¹
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	39001-02-0	0.000063 or CMBST ¹¹	0.005 or CMBST ¹¹
PeCDDs (All Pentachlorodibenzo-p-dioxins)	36088-22-9	0.000063 or CMBST ¹¹	0.001 or CMBST ¹¹
PeCDFs (All Pentachlorodibenzofurans)	30402-15-4	0.000035 or CMBST ¹¹	0.001 or CMBST ¹¹
TCDDs (All Tetrachlorodibenzo-p-dioxins)	41903-57-5	0.000063 or CMBST ¹¹	0.001 or CMBST ¹¹
TCDFs (All Tetrachlorodibenzofurans)	55722-27-5	0.000063 or CMBST ¹¹	0.001 or CMBST ¹¹
Thallium	7440-28-0	1.4	0.20 mg/ℓ TCLP

1792
 1793 K181
 1794
 1795 Nonwastewaters from the production of dyes or pigments (including nonwastewaters
 1796 commingled at the point of generation with nonwastewaters from other processes) that, at the
 1797 point of generation, contain mass loadings of any of the constituents identified in Section
 1798 721.132(c) which are equal to or greater than the corresponding Section 721.132(c) levels, as
 1799 determined on a calendar-year basis.

Aniline	62-53-3	0.81	14
o-Anisidine (2-methoxyaniline)	90-04-0	0.010	0.66
4-Chloroaniline	106-47-8	0.46	16
p-Cresidine	120-71-8	0.010	0.66
2,4-Dimethylaniline (2,4-xylidine)	95-68-1	0.010	0.66
1,2-Phenylenediamine	95-54-5	CMBST; or CHOXD fb (BIODG or CARBN); or BIODG fb CARBN	CMBST; or CHOXD fb (BIODG or CARBN); or BIODG fb CARBN
1,3-Phenylenediamine	108-45-2	0.010	0.66

1801
 1802 P001

1803				
1804	Warfarin, & salts, when present at concentrations greater than 0.3 percent.			
1805	Warfarin	81-81-2	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
1806				
1807	P002			
1808				
1809	1-Acetyl-2-thiourea. 1-Acetyl-2-thiourea	591-08-2	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
1810				
1811	P003			
1812				
1813	Acrolein.			
1814	Acrolein	107-02-8	0.29	CMBST
1815				
1816	P004			
1817				
1818	Aldrin.			
1819	Aldrin	309-00-2	0.021	0.066
1820				
1821	P005			
1822				
1823	Allyl alcohol.			
1824	Allyl alcohol	107-18-6	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
1825				
1826	P006			
1827				
1828	Aluminum phosphide.			
1829	Aluminum phosphide	20859-73-8	CHOXD; CHRED; or CMBST	CHOXD; CHRED; or CMBST

1830				
1831	P007			
1832				
1833	5-Aminomethyl-3-isoxazolol.			
1834	5-Aminomethyl-3-isoxazolol	2763-96-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
1835				
1836	P008			
1837				
1838	4-Aminopyridine.			
1839	4-Aminopyridine	504-24-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
1840				
1841	P009			
1842				
1843	Ammonium picrate.			
1844	Ammonium picrate	131-74-8	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST
1845				
1846	P010			
1847				
1848	Arsenic acid.			
1849	Arsenic	7440-38-2	1.4	5.0 mg/l TCLP
1850				
1851	P011			
1852				
1853	Arsenic pentoxide.			
1854	Arsenic	7440-38-2	1.4	5.0 mg/l TCLP
1855				
1856	P012			
1857				
1858	Arsenic trioxide.			
1859				

1860	Arsenic	7440-38-2	1.4	5.0 mg/ℓ TCLP
1861	P013			
1862				
1863	Barium cyanide.			
1864	Barium Cyanides (Total) ⁷	7440-39-3	NA	21 mg/ℓ TCLP
	Cyanides (Amenable) ⁷	57-12-5	1.2	590
		57-12-5	0.86	30
1865				
1866	P014			
1867				
1868	Thiophenol (Benzene thiol).			
1869	Thiophenol (Benzene thiol)	108-98-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
1870				
1871	P015			
1872				
1873	Beryllium dust.			
1874	Beryllium	7440-41-7	RMETL; or RTHRM	RMETL; or RTHRM
1875				
1876	P016			
1877				
1878	Dichloromethyl ether (Bis(chloromethyl)ether).			
1879	Dichloromethyl ether	542-88-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
1880				
1881	P017			
1882				
1883	Bromoacetone.			
1884	Bromoacetone	598-31-2	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST

1885				
1886	P018			
1887				
1888	Brucine.			
1889	Brucine	357-57-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
1890				
1891	P020			
1892				
1893	2-sec-Butyl-4,6-dinitrophenol (Dinoseb).			
1894	2-sec-Butyl-4,6-dinitrophenol (Dinoseb)	88-85-7	0.066	2.5
1895				
1896	P021			
1897				
1898	Calcium cyanide.			
1899	Cyanides (Total) ⁷	57-12-5	1.2	590
	Cyanides (Amenable) ⁷	57-12-5	0.86	30
1900				
1901	P022			
1902				
1903	Carbon disulfide.			
1904	Carbon disulfide	75-15-0	3.8	CMBST
	Carbon disulfide; alternate ⁶ standard for nonwastewaters only	75-15-0	NA	4.8 mg/ℓ TCLP
1905				
1906	P023			
1907				
1908	Chloroacetaldehyde.			
1909	Chloroacetaldehyde	107-20-0	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
1910				
1911	P024			

1912				
1913	p-Chloroaniline.			
1914				
	p-Chloroaniline	106-47-8	0.46	16
1915				
1916	P026			
1917				
1918	1-(o-Chlorophenyl)thiourea.			
1919				
	1-(o-Chlorophenyl)thiourea	5344-82-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
1920				
1921	P027			
1922				
1923	3-Chloropropionitrile.			
1924				
	3-Chloropropionitrile	542-76-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
1925				
1926	P028			
1927				
1928	Benzyl chloride.			
1929				
	Benzyl chloride	100-44-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
1930				
1931	P029			
1932				
1933	Copper cyanide.			
1934				
	Cyanides (Total) ⁷	57-12-5	1.2	590
	Cyanides (Amenable) ⁷	57-12-5	0.86	30
1935				
1936	P030			
1937				
1938	Cyanides (soluble salts and complexes).			
	Cyanides (Total) ⁷	57-12-5	1.2	590

1939	Cyanides (Amenable) ⁷	57-12-5	0.86	30
1940	P031			
1941				
1942	Cyanogen.			
1943	Cyanogen	460-19-5	CHOXD; WETOX; or CMBST	CHOXD; WETOX; or CMBST
1944				
1945	P033			
1946				
1947	Cyanogen chloride.			
1948	Cyanogen chloride	506-77-4	CHOXD; WETOX; or CMBST	CHOXD; WETOX; or CMBST
1949				
1950	P034			
1951				
1952	2-Cyclohexyl-4,6-dinitrophenol.			
1953	2-Cyclohexyl-4,6-dinitrophenol	131-89-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
1954				
1955	P036			
1956				
1957	Dichlorophenylarsine.			
1958	Arsenic	7440-38-2	1.4	5.0 mg/l TCLP
1959				
1960	P037			
1961				
1962	Dieldrin.			
1963	Dieldrin	60-57-1	0.017	0.13
1964				
1965	P038			
1966				
1967	Diethylarsine.			
1968				

1969	Arsenic	7440-38-2	1.4	5.0 mg/ℓ TCLP
1970	P039			
1971				
1972	Disulfoton.			
1973				
1974	Disulfoton	298-04-4	0.017	6.2
1975	P040			
1976				
1977	O,O-Diethyl-O-pyrazinyl-phosphorothioate.			
1978				
	O,O-Diethyl-O-pyrazinylphosphorothioate	297-97-2	CARBN; or CMBST	CMBST
1979				
1980	P041			
1981				
1982	Diethyl-p-nitrophenyl phosphate.			
1983				
	Diethyl-p-nitrophenyl phosphate	311-45-5	CARBN; or CMBST	CMBST
1984				
1985	P042			
1986				
1987	Epinephrine.			
1988				
	Epinephrine	51-43-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
1989				
1990	P043			
1991				
1992	Diisopropylfluorophosphate (DFP).			
1993				
	Diisopropylfluorophosphate (DFP)	55-91-4	CARBN; or CMBST	CMBST
1994				
1995	P044			
1996				
1997	Dimethoate.			
1998				

1999	Dimethoate	60-51-5	CARBN; or CMBST	CMBST
2000	P045			
2001				
2002	Thiofanox.			
2003	Thiofanox	39196-18-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2004				
2005	P046			
2006				
2007	α,α -Dimethylphenethylamine.			
2008	α,α -Dimethylphenethylamine	122-09-8	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2009				
2010	P047			
2011				
2012	4,6-Dinitro-o-cresol.			
2013	4,6-Dinitro-o-cresol	543-52-1	0.28	160
2014				
2015	P047			
2016				
2017	4,6-Dinitro-o-cresol salts.			
2018	NA	NA	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2019				
2020	P048			
2021				
2022	2,4-Dinitrophenol.			
2023	2,4-Dinitrophenol	51-28-5	0.12	160
2024				
2025	P049			

2026				
2027	Dithiobiuret.			
2028	Dithiobiuret	541-53-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2029				
2030	P050			
2031				
2032	Endosulfan.			
2033	Endosulfan I	939-98-8	0.023	0.066
	Endosulfan II	33213-6-5	0.029	0.13
	Endosulfan sulfate	1031-07-8	0.029	0.13
2034				
2035	P051			
2036				
2037	Endrin.			
2038	Endrin	72-20-8	0.0028	0.13
	Endrin aldehyde	7421-93-4	0.025	0.13
2039				
2040	P054			
2041				
2042	Aziridine.			
2043	Aziridine	151-56-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2044				
2045	P056			
2046				
2047	Fluorine.			
2048	Fluoride (measured in wastewaters only)	16964-48-8	35	ADGAS fb NEUTR
2049				
2050	P057			
2051				
2052	Fluoroacetamide.			
2053				

2054	Fluoroacetamide	640-19-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2055	P058			
2056				
2057	Fluoroacetic acid, sodium salt.			
2058	Fluoroacetic acid, sodium salt	62-74-8	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2059				
2060	P059			
2061				
2062	Heptachlor.			
2063	Heptachlor	76-44-8	0.0012	0.066
	Heptachlor epoxide	1024-57-3	0.016	0.066
2064				
2065	P060			
2066				
2067	Isodrin.			
2068	Isodrin	465-73-6	0.021	0.066
2069				
2070	P062			
2071				
2072	Hexaethyl tetraphosphate.			
2073	Hexaethyl tetraphosphate	757-58-4	CARBN; or CMBST	CMBST
2074				
2075	P063			
2076				
2077	Hydrogen cyanide.			
2078	Cyanides (Total) ⁷	57-12-5	1.2	590
	Cyanides (Amenable) ⁷	57-12-5	0.86	30
2079				
2080	P064			
2081				

2082	Isocyanic acid, ethyl ester.			
2083	Isocyanic acid, ethyl ester	624-83-9	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2084				
2085	P065			
2086				
2087	P065 (mercury fulminate) nonwastewaters, regardless of their total mercury content, that are not			
2088	incinerator residues or are not residues from RMERC.			
2089				
	Mercury	7439-97-6	NA	IMERC
2090				
2091	P065			
2092				
2093	P065 (mercury fulminate) nonwastewaters that are either incinerator residues or are residues			
2094	from RMERC; and contain greater than or equal to 260 mg/kg total mercury.			
2095				
	Mercury	7339-97-6	NA	RMERC
2096				
2097	P065			
2098				
2099	P065 (mercury fulminate) nonwastewaters that are residues from RMERC and contain less than			
2100	260 mg/kg total mercury.			
2101				
	Mercury	7439-97-6	NA	0.20 mg/ℓ TCLP
2102				
2103	P065			
2104				
2105	P065 (mercury fulminate) nonwastewaters that are incinerator residues and contain less than 260			
2106	mg/kg total mercury.			
2107				
	Mercury	7439-97-6	NA	0.025 mg/ℓ TCLP
2108				
2109	P065			
2110				
2111	All P065 (mercury fulminate) wastewaters.			
2112				
	Mercury	7439-97-6	0.15	NA
2113				
2114	P066			
2115				

2116	Methomyl.			
2117	Methomyl	16752-77-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2118				
2119	P067			
2120				
2121	2-Methyl-aziridine.			
2122	2-Methyl-aziridine	75-55-8	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2123				
2124	P068			
2125				
2126	Methyl hydrazine.			
2127	Methyl hydrazine	60-34-4	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED, or CMBST
2128				
2129	P069			
2130				
2131	2-Methylactonitrile.			
2132	2-Methylactonitrile	75-86-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2133				
2134	P070			
2135				
2136	Aldicarb.			
2137	Aldicarb	116-06-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2138				
2139	P071			

2140				
2141	Methyl parathion.			
2142				
	Methyl parathion	298-00-0	0.014	4.6
2143				
2144	P072			
2145				
2146	1-Naphthyl-2-thiourea.			
2147				
	1-Naphthyl-2-thiourea	86-88-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2148				
2149	P073			
2150				
2151	Nickel carbonyl.			
2152				
	Nickel	7440-02-0	3.98	11 mg/ℓ TCLP
2153				
2154	P074			
2155				
2156	Nickel cyanide.			
2157				
	Cyanides (Total) ⁷	57-12-5	1.2	590
	Cyanides (Amenable) ⁷	57-12-5	0.86	30
	Nickel	7440-02-0	3.98	11 mg/ℓ TCLP
2158				
2159	P075			
2160				
2161	Nicotine and salts.			
2162				
	Nicotine and salts	54-11-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2163				
2164	P076			
2165				
2166	Nitric oxide.			
2167				
	Nitric oxide	10102-43-9	ADGAS	ADGAS
2168				

2169	P077			
2170				
2171	p-Nitroaniline.			
2172				
	p-Nitroaniline	100-01-6	0.028	28
2173				
2174	P078			
2175				
2176	Nitrogen dioxide.			
2177				
	Nitrogen dioxide	10102-44-0	ADGAS	ADGAS
2178				
2179	P081			
2180				
2181	Nitroglycerin.			
2182				
	Nitroglycerin	55-63-0	CHOXD; CHRED; CARBN; BIODG or CMBST	CHOXD; CHRED; or CMBST
2183				
2184	P082			
2185				
2186	N-Nitrosodimethylamine.			
2187				
	N-Nitrosodimethylamine	62-75-9	0.40	2.3
2188				
2189	P084			
2190				
2191	N-Nitrosomethylvinylamine.			
2192				
	N-Nitrosomethylvinylamine	4549-40-0	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2193				
2194	P085			
2195				
2196	Octamethylpyrophosphoramidate.			
2197				
	Octamethylpyrophosphoramidate	152-16-9	CARBN; or CMBST	CMBST
2198				
2199	P087			

2200				
2201	Osmium tetroxide.			
2202	Osmium tetroxide	20816-12-0	RMETL; or RTHRM	RMETL; or RTHRM
2203				
2204	P088			
2205				
2206	Endothall.			
2207	Endothall	145-73-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2208				
2209	P089			
2210				
2211	Parathion.			
2212	Parathion	56-38-2	0.014	4.6
2213				
2214	P092			
2215				
2216	P092 (phenyl mercuric acetate) nonwastewaters, regardless of their total mercury content, that			
2217	are not incinerator residues or are not residues from RMERC.			
2218	Mercury	7439-97-6	NA	IMERC; or RMERC
2219				
2220	P092			
2221				
2222	P092 (phenyl mercuric acetate) nonwastewaters that are either incinerator residues or are			
2223	residues from RMERC; and still contain greater than or equal to 260 mg/kg total mercury.			
2224	Mercury	7439-97-6	NA	RMERC
2225				
2226	P092			
2227				
2228	P092 (phenyl mercuric acetate) nonwastewaters that are residues from RMERC and contain less			
2229	than 260 mg/kg total mercury.			
2230				
2231	Mercury	7439-97-6	NA	0.20 mg/ℓ TCLP

2232	P092			
2233				
2234	P092 (phenyl mercuric acetate) nonwastewaters that are incinerator residues and contain less			
2235	than 260 mg/kg total mercury.			
2236				
	Mercury	7439-97-6	NA	0.025 mg/ℓ TCLP
2237				
2238	P092			
2239				
2240	All P092 (phenyl mercuric acetate) wastewaters.			
2241				
	Mercury	7439-97-6	0.15	NA
2242				
2243	P093			
2244				
2245	Phenylthiourea.			
2246				
	Phenylthiourea	103-85-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2247				
2248	P094			
2249				
2250	Phorate.			
2251				
	Phorate	298-02-2	0.021	4.6
2252				
2253	P095			
2254				
2255	Phosgene.			
2256				
	Phosgene	75-44-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2257				
2258	P096			
2259				
2260	Phosphine.			
2261				
	Phosphine	7803-51-2	CHOXD; CHRED; or CMBST	CHOXD; CHRED; or CMBST

2262				
2263	P097			
2264				
2265	Famphur.			
2266	Famphur	52-85-7	0.017	15
2267				
2268	P098			
2269				
2270	Potassium cyanide.			
2271	Cyanides (Total) ⁷	57-12-5	1.2	590
	Cyanides (Amenable) ⁷	57-12-5	0.86	30
2272				
2273	P099			
2274				
2275	Potassium silver cyanide.			
2276	Cyanides (Total) ⁷	57-12-5	1.2	590
	Cyanides (Amenable) ⁷	57-12-5	0.86	30
	Silver	7440-22-4	0.43	0.14 mg/ℓ TCLP
2277				
2278	P101			
2279				
2280	Ethyl cyanide (Propanenitrile).			
2281	Ethyl cyanide (Propanenitrile)	107-12-0	0.24	360
2282				
2283	P102			
2284				
2285	Propargyl alcohol.			
2286	Propargyl alcohol	107-19-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2287				
2288	P103			
2289				
2290	Selenourea.			
2291	Selenium	7782-49-2	0.82	5.7 mg/ℓ TCLP
2292				

2293	P104			
2294				
2295	Silver cyanide.			
2296				
	Cyanides (Total) ⁷	57-12-5	1.2	590
	Cyanides (Amenable) ⁷	57-12-5	0.86	30
	Silver	7440-22-4	0.43	0.14 mg/ℓ TCLP
2297				
2298	P105			
2299				
2300	Sodium azide.			
2301				
	Sodium azide	26628-22-8	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST
2302				
2303	P106			
2304				
2305	Sodium cyanide.			
2306				
	Cyanides (Total) ⁷	57-12-5	1.2	590
	Cyanides (Amenable) ⁷	57-12-5	0.86	30
2307				
2308	P108			
2309				
2310	Strychnine and salts.			
2311				
	Strychnine and salts	57-24-9	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2312				
2313	P109			
2314				
2315	Tetraethyldithiopyrophosphate.			
2316				
	Tetraethyldithiopyrophosphate	3689-24-5	CARBN; or CMBST	CMBST
2317				
2318	P110			
2319				
2320	Tetraethyl lead.			
2321				

2322	Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
2323	P111			
2324				
2325	Tetraethylpyrophosphate.			
2326	Tetraethylpyrophosphate	107-49-3	CARBN; or CMBST	CMBST
2327				
2328	P112			
2329				
2330	Tetranitromethane.			
2331	Tetranitromethane	509-14-8	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST
2332				
2333	P113			
2334				
2335	Thallic oxide.			
2336	Thallium (measured in wastewaters only)	7440-28-0	1.4	RTHRM; or STABL
2337				
2338	P114			
2339				
2340	Thallium selenite.			
2341	Selenium	7782-49-2	0.82	5.7 mg/ℓ TCLP
2342				
2343	P115			
2344				
2345	Thallium (I) sulfate.			
2346	Thallium (measured in wastewaters only)	7440-28-0	1.4	RTHRM; or STABL
2347				
2348	P116			
2349				
2350	Thiosemicarbazide.			
2351				

2352	Thiosemicarbazide	79-19-6	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2353	P118			
2354				
2355	Trichloromethanethiol.			
2356	Trichloromethanethiol	75-70-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2357				
2358	P119			
2359				
2360	Ammonium vanadate.			
2361	Vanadium (measured in wastewaters only)	7440-62-2	4.3	STABL
2362				
2363	P120			
2364				
2365	Vanadium pentoxide.			
2366	Vanadium (measured in wastewaters only)	7440-62-2	4.3	STABL
2367				
2368	P121			
2369				
2370	Zinc cyanide.			
2371	Cyanides (Total) ⁷	57-12-5	1.2	590
	Cyanides (Amenable) ⁷	57-12-5	0.86	30
2372				
2373	P122			
2374				
2375	Zinc phosphide Zn ₃ P ₂ , when present at concentrations greater than 10 percent.			
2376	Zinc Phosphide	1314-84-7	CHOXD; CHRED; or CMBST	CHOXD; CHRED; or CMBST
2377				
2378	P123			

2379				
2380	Toxaphene.			
2381				
	Toxaphene	8001-35-2	0.0095	2.6
2382				
2383	P127			
2384				
2385	Carbofuran.			
2386				
	Carbofuran	1563-66-2	0.006	0.14
2387				
2388	P128			
2389				
2390	Mexacarbate.			
2391				
	Mexacarbate	315-18-4	0.056	1.4
2392				
2393	P185			
2394				
2395	Tirpate. ¹⁰			
2396				
	Tirpate	26419-73-8	0.056	0.28
2397				
2398	P188			
2399				
2400	Physostigmine salicylate.			
2401				
	Physostigmine salicylate	57-64-7	0.056	1.4
2402				
2403	P189			
2404				
2405	Carbosulfan.			
2406				
	Carbosulfan	55285-14-8	0.028	1.4
2407				
2408	P190			
2409				
2410	Metolcarb.			
2411				
	Metolcarb	1129-41-5	0.056	1.4
2412				
2413	P191			
2414				

2415	Dimetilan. ¹⁰			
2416	Dimetilan	644-64-4	0.056	1.4
2417				
2418	P192			
2419				
2420	Isolan. ¹⁰			
2421	Isolan	119-38-0	0.056	1.4
2422				
2423	P194			
2424	Oxamyl.			
2425	Oxamyl	23135-22-0	0.056	0.28
2426				
2427	P196			
2428				
2429	Manganese dimethyldithiocarbamates (total).			
2430	Dithiocarbamates (total)	NA	0.028	28
2431				
2432	P197			
2433				
2434	Formparanate. ¹⁰			
2435	Formparanate	17702-57-7	0.056	1.4
2436				
2437	P198			
2438				
2439	Formetanate hydrochloride.			
2440	Formetanate hydrochloride	23422-53-9	0.056	1.4
2441				
2442	P199			
2443				
2444	Methiocarb.			
2445	Methiocarb	2032-65-7	0.056	1.4
2446				
2447	P201			
2448				
2449	Promecarb.			
2450				

2451	Promecarb	2631-37-0	0.056	1.4
2452	P202			
2453				
2454	m-Cumenyl methylcarbamate.			
2455				
2456	m-Cumenyl methylcarbamate	64-00-6	0.056	1.4
2457	P203			
2458				
2459	Aldicarb sulfone.			
2460				
2461	Aldicarb sulfone	1646-88-4	0.056	0.28
2462	P204			
2463				
2464	Physostigmine.			
2465				
2466	Physostigmine	57-47-6	0.056	1.4
2467	P205			
2468				
2469	Ziram.			
2470				
2471	Dithiocarbamates (total)	NA	0.028	28
2472	U001			
2473				
2474	Acetaldehyde.			
2475				
2476	Acetaldehyde	75-07-0	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2477	U002			
2478				
2479	Acetone.			
2480				
2481	Acetone	67-64-1	0.28	160
2482	U003			
2483				

2484	Acetonitrile.			
2485				
	Acetonitrile	75-05-8	5.6	CMBST
	Acetonitrile; alternate ⁶ standard for nonwastewaters only	75-05-8	NA	38
2486				
2487	U004			
2488				
2489	Acetophenone.			
2490				
	Acetophenone	98-86-2	0.010	9.7
2491				
2492	U005			
2493				
2494	2-Acetylaminofluorene.			
2495				
	2-Acetylaminofluorene	53-96-3	0.059	140
2496				
2497	U006			
2498				
2499	Acetyl chloride.			
2500				
	Acetyl chloride	75-36-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2501				
2502	U007			
2503				
2504	Acrylamide.			
2505				
	Acrylamide	79-06-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2506				
2507	U008			
2508				
2509	Acrylic acid.			
2510				

2511	Acrylic acid	79-10-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2512	U009			
2513				
2514	Acrylonitrile.			
2515	Acrylonitrile	107-13-1	0.24	84
2516	U010			
2517				
2518				
2519	Mitomycin C.			
2520	Mitomycin C	50-07-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2521	U011			
2522				
2523				
2524	Amitrole.			
2525	Amitrole	61-82-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2526	U012			
2527				
2528				
2529	Aniline.			
2530	Aniline	62-53-3	0.81	14
2531	U014			
2532				
2533				
2534	Auramine.			
2535	Auramine	492-80-8	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST

2536				
2537	U015			
2538				
2539	Azaserine.			
2540	Azaserine	115-02-6	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2541				
2542	U016			
2543				
2544	Benz(c)acridine.			
2545	Benz(c)acridine	225-51-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2546				
2547	U017			
2548				
2549	Benzal chloride.			
2550	Benzal chloride	98-87-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2551				
2552	U018			
2553				
2554	Benz(a)anthracene.			
2555	Benz(a)anthracene	56-55-3	0.059	3.4
2556				
2557	U019			
2558				
2559	Benzene.			
2560	Benzene	71-43-2	0.14	10
2561				
2562	U020			
2563				
2564	Benzenesulfonyl chloride.			

2565	Benzenesulfonyl chloride	98-09-9	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2566				
2567	U021			
2568				
2569	Benzidine.			
2570	Benzidine	92-87-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2571				
2572	U022			
2573				
2574	Benzo(a)pyrene.			
2575	Benzo(a)pyrene	50-32-8	0.061	3.4
2576				
2577	U023			
2578				
2579	Benzotrichloride.			
2580	Benzotrichloride	98-07-7	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST
2581				
2582	U024			
2583				
2584	bis(2-Chloroethoxy)methane.			
2585	bis(2-Chloroethoxy)methane	111-91-1	0.036	7.2
2586				
2587	U025			
2588				
2589	bis(2-Chloroethyl)ether.			
2590	bis(2-Chloroethyl)ether	111-44-4	0.033	6.0
2591				
2592	U026			
2593				

2594	Chlornaphazine.			
2595	Chlornaphazine	494-03-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2596				
2597	U027			
2598				
2599	bis(2-Chloroisopropyl)ether.			
2600	bis(2-Chloroisopropyl)ether	39638-32-9	0.055	7.2
2601				
2602	U028			
2603				
2604	bis(2-Ethylhexyl)phthalate.			
2605	bis(2-Ethylhexyl)phthalate	117-81-7	0.28	28
2606				
2607	U029			
2608				
2609	Methyl bromide (Bromomethane).			
2610	Methyl bromide (Bromomethane)	74-83-9	0.11	15
2611				
2612	U030			
2613				
2614	4-Bromophenyl phenyl ether.			
2615	4-Bromophenyl phenyl ether	101-55-3	0.055	15
2616				
2617	U031			
2618				
2619	n-Butyl alcohol.			
2620	n-Butyl alcohol	71-36-3	5.6	2.6
2621				
2622	U032			
2623				
2624	Calcium chromate.			
2625	Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP

2626					
2627	U033				
2628					
2629	Carbon oxyfluoride.				
2630	Carbon oxyfluoride	353-50-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST	
2631					
2632	U034				
2633					
2634	Trichloroacetaldehyde (Chloral).				
2635	Trichloroacetaldehyde (Chloral)	75-87-6	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST	
2636					
2637	U035				
2638					
2639	Chlorambucil.				
2640	Chlorambucil	305-03-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST	
2641					
2642	U036				
2643					
2644	Chlordane.				
2645	Chlordane (α and χ isomers)	57-74-9	0.0033	0.26	
2646					
2647	U037				
2648					
2649	Chlorobenzene.				
2650	Chlorobenzene	108-90-7	0.057	6.0	
2651					
2652	U038				
2653					
2654	Chlorobenzilate.				

2655	Chlorobenzilate	510-15-6	0.10	CMBST
2656				
2657	U039			
2658				
2659	p-Chloro-m-cresol.			
2660				
	p-Chloro-m-cresol	59-50-7	0.018	14
2661				
2662	U041			
2663				
2664	Epichlorohydrin (1-Chloro-2,3-epoxypropane).			
2665				
	Epichlorohydrin (1-Chloro-2,3-epoxypropane)	106-89-8	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2666				
2667	U042			
2668				
2669	2-Chloroethyl vinyl ether.			
2670				
	2-Chloroethyl vinyl ether	110-75-8	0.062	CMBST
2671				
2672	U043			
2673				
2674	Vinyl chloride.			
2675				
	Vinyl chloride	75-01-4	0.27	6.0
2676				
2677	U044			
2678				
2679	Chloroform.			
2680				
	Chloroform	67-66-3	0.046	6.0
2681				
2682	U045			
2683				
2684	Chloromethane (Methyl chloride).			
2685				
	Chloromethane (Methyl chloride)	74-87-3	0.19	30
2686				

2687	U046			
2688				
2689	Chloromethyl methyl ether.			
2690	Chloromethyl methyl ether	107-30-2	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2691				
2692	U047			
2693				
2694	2-Chloronaphthalene.			
2695	2-Chloronaphthalene	91-58-7	0.055	5.6
2696				
2697	U048			
2698				
2699	2-Chlorophenol.			
2700	2-Chlorophenol	95-57-8	0.044	5.7
2701				
2702	U049			
2703				
2704	4-Chloro-o-toluidine hydrochloride.			
2705	4-Chloro-o-toluidine hydrochloride	3165-93-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2706				
2707	U050			
2708				
2709	Chrysene.			
2710	Chrysene	218-01-9	0.059	3.4
2711				
2712	U051			
2713				
2714	Creosote.			
2715	Naphthalene	91-20-3	0.059	5.6
	Pentachlorophenol	87-86-5	0.089	7.4
	Phenanthrene	85-01-8	0.059	5.6

	Pyrene	129-00-0	0.067	8.2
	Toluene	108-88-3	0.080	10
	Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations)	1330-20-7	0.32	30
	Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
2716				
2717	U052			
2718				
2719	Cresols (Cresylic acid).			
2720				
	o-Cresol	95-48-7	0.11	5.6
	m-Cresol (difficult to distinguish from p-cresol)	108-39-4	0.77	5.6
	p-Cresol (difficult to distinguish from m-cresol)	106-44-5	0.77	5.6
	Cresol-mixed isomers (Cresylic acid) (sum of o-, m-, and p-cresol concentrations)	1319-77-3	0.88	11.2
2721				
2722	U053			
2723				
2724	Crotonaldehyde.			
2725				
	Crotonaldehyde	4170-30-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2726				
2727	U055			
2728				
2729	Cumene.			
2730				
	Cumene	98-82-8	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2731				
2732	U056			
2733				
2734	Cyclohexane.			
2735				

	Cyclohexane	110-82-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2736				
2737	U057			
2738				
2739	Cyclohexanone.			
2740				
	Cyclohexanone	108-94-1	0.36	CMBST
	Cyclohexanone; alternate ⁶ standard for nonwastewaters only	108-94-1	NA	0.75 mg/ℓ TCLP
2741				
2742	U058			
2743				
2744	Cyclophosphamide.			
2745				
	Cyclophosphamide	50-18-0	CARBN; or CMBST	CMBST
2746				
2747	U059			
2748				
2749	Daunomycin.			
2750				
	Daunomycin	20830-81-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2751				
2752	U060			
2753				
2754	DDD.			
2755				
	o,p'-DDD	53-19-0	0.023	0.087
	p,p'-DDD	72-54-8	0.023	0.087
2756				
2757	U061			
2758				
2759	DDT.			
2760				
	o,p'-DDT	789-02-6	0.0039	0.087
	p,p'-DDT	50-29-3	0.0039	0.087

2761	o,p'-DDD	53-19-0	0.023	0.087
2762	p,p'-DDD	72-54-8	0.023	0.087
2763	o,p'-DDE	3424-82-6	0.031	0.087
2764	p,p'-DDE	72-55-9	0.031	0.087
2765	Diallate			
	Diallate	2303-16-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2766				
2767	U063			
2768				
2769	Dibenz(a,h)anthracene.			
2770	Dibenz(a,h)anthracene	53-70-3	0.055	8.2
2771				
2772	U064			
2773				
2774	Dibenz(a,i)pyrene.			
2775	Dibenz(a,i)pyrene	189-55-9	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2776				
2777	U066			
2778				
2779	1,2-Dibromo-3-chloropropane.			
2780	1,2-Dibromo-3-chloropropane	96-12-8	0.11	15
2781				
2782	U067			
2783				
2784	Ethylene dibromide (1,2-Dibromoethane).			
2785	Ethylene dibromide (1,2-Dibromoethane)	106-93-4	0.028	15
2786				
2787	U068			

2788				
2789	Dibromomethane.			
2790	Dibromomethane	74-95-3	0.11	15
2791				
2792	U069			
2793				
2794	Di-n-butyl phthalate.			
2795	Di-n-butyl phthalate	84-74-2	0.057	28
2796				
2797	U070			
2798				
2799	o-Dichlorobenzene.			
2800	o-Dichlorobenzene	95-50-1	0.088	6.0
2801				
2802	U071			
2803				
2804	m-Dichlorobenzene.			
2805	m-Dichlorobenzene	541-73-1	0.036	6.0
2806				
2807	U072			
2808				
2809	p-Dichlorobenzene.			
2810	p-Dichlorobenzene	106-46-7	0.090	6.0
2811				
2812	U073			
2813				
2814	3,3'-Dichlorobenzidine.			
2815	3,3'-Dichlorobenzidine	91-94-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2816				
2817	U074			
2818				
2819	1,4-Dichloro-2-butene.			
2820				

	cis-1,4-Dichloro-2-butene	1476-11-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
	trans-1,4-Dichloro-2-butene	764-41-0	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2821				
2822	U075			
2823				
2824	Dichlorodifluoromethane.			
2825	Dichlorodifluoromethane	75-71-8	0.23	7.2
2826				
2827	U076			
2828				
2829	1,1-Dichloroethane.			
2830	1,1-Dichloroethane	75-34-3	0.059	6.0
2831				
2832	U077			
2833				
2834	1,2-Dichloroethane.			
2835	1,2-Dichloroethane	107-06-2	0.21	6.0
2836				
2837	U078			
2838				
2839	1,1-Dichloroethylene.			
2840	1,1-Dichloroethylene	75-35-4	0.025	6.0
2841				
2842	U079			
2843				
2844	1,2-Dichloroethylene.			
2845	trans-1,2-Dichloroethylene	156-60-5	0.054	30
2846				
2847	U080			
2848				
2849	Methylene chloride.			
2850				

2851	Methylene chloride	75-09-2	0.089	30
2852	U081			
2853				
2854	2,4-Dichlorophenol.			
2855				
2856	2,4-Dichlorophenol	120-83-2	0.044	14
2857	U082			
2858				
2859	2,6-Dichlorophenol.			
2860				
2861	2,6-Dichlorophenol	87-65-0	0.044	14
2862	U083			
2863				
2864	1,2-Dichloropropane.			
2865				
2866	1,2-Dichloropropane	78-87-5	0.85	18
2867	U084			
2868				
2869	1,3-Dichloropropylene.			
2870				
	cis-1,3-Dichloropropylene	10061-01-5	0.036	18
	trans-1,3-Dichloropropylene	10061-02-6	0.036	18
2871				
2872	U085			
2873				
2874	1,2:3,4-Diepoxybutane.			
2875				
	1,2:3,4-Diepoxybutane	1464-53-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2876				
2877	U086			
2878				
2879	N,N'-Diethylhydrazine.			
2880				
	N,N'-Diethylhydrazine	1615-80-1	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST

2881				
2882	U087			
2883				
2884	O,O-Diethyl-S-methyldithiophosphate.			
2885	O,O-Diethyl-S-methyldithiophosphate	3288-58-2	CARBN; or CMBST	CMBST
2886				
2887	U088			
2888				
2889	Diethyl phthalate.			
2890	Diethyl phthalate	84-66-2	0.20	28
2891				
2892	U089			
2893				
2894	Diethyl stilbestrol.			
2895	Diethyl stilbestrol	56-53-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2896				
2897	U090			
2898				
2899	Dihydrosafrole.			
2900	Dihydrosafrole	94-58-6	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2901				
2902	U091			
2903				
2904	3,3'-Dimethoxybenzidine.			
2905	3,3'-Dimethoxybenzidine	119-90-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2906				
2907	U092			
2908				

2909	Dimethylamine.				
2910	Dimethylamine	124-40-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST	
2911					
2912	U093				
2913					
2914	p-Dimethylaminoazobenzene.				
2915	p-Dimethylaminoazobenzene	60-11-7	0.13	CMBST	
2916					
2917	U094				
2918					
2919	7,12-Dimethylbenz(a)anthracene.				
2920	7,12-Dimethylbenz(a)anthracene	57-97-6	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST	
2921					
2922	U095				
2923					
2924	3,3'-Dimethylbenzidine.				
2925	3,3'-Dimethylbenzidine	119-93-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST	
2926					
2927	U096				
2928					
2929	α , α -Dimethyl benzyl hydroperoxide.				
2930	α , α -Dimethyl benzyl hydroperoxide	80-15-9	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST	
2931					
2932	U097				
2933					
2934	Dimethylcarbamoyl chloride.				
2935					

2936	Dimethylcarbamoyl chloride	79-44-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2937	U098			
2938				
2939	1,1-Dimethylhydrazine.			
2940	1,1-Dimethylhydrazine	57-14-7	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST
2941				
2942	U099			
2943				
2944	1,2-Dimethylhydrazine.			
2945	1,2-Dimethylhydrazine	540-73-8	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST
2946				
2947	U101			
2948				
2949	2,4-Dimethylphenol.			
2950	2,4-Dimethylphenol	105-67-9	0.036	14
2951				
2952	U102			
2953				
2954	Dimethyl phthalate.			
2955	Dimethyl phthalate	131-11-3	0.047	28
2956				
2957	U103			
2958				
2959	Dimethyl sulfate.			
2960	Dimethyl sulfate	77-78-1	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST
2961				
2962	U105			
2963				

2964	2,4-Dinitrotoluene.			
2965	2,4-Dinitrotoluene	121-14-2	0.32	140
2966	U106			
2967	U106			
2968	2,6-Dinitrotoluene.			
2969	2,6-Dinitrotoluene	606-20-2	0.55	28
2970	U107			
2971	U107			
2972	U107			
2973	Di-n-octyl phthalate.			
2974	Di-n-octyl phthalate	117-84-0	0.017	28
2975	U108			
2976	U108			
2977	U108			
2978	1,4-Dioxane.			
2979	1,4-Dioxane	123-91-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2980	1,4-Dioxane; alternate ⁶ standard for nonwastewaters only	123-91-1	12.0	170
2981	U109			
2982	U109			
2983	U109			
2984	1,2-Diphenylhydrazine.			
2985	1,2-Diphenylhydrazine	122-66-7	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST
	1,2-Diphenylhydrazine; alternate ⁶ standard for wastewaters only	122-66-7	0.087	NA
2986	U110			
2987	U110			
2988	U110			
2989	Dipropylamine.			
2990	Dipropylamine			

	Dipropylamine	142-84-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2991				
2992	U111			
2993				
2994	Di-n-propylnitrosamine.			
2995				
	Di-n-propylnitrosamine	621-64-7	0.40	14
2996				
2997	U112			
2998				
2999	Ethyl acetate.			
3000				
	Ethyl acetate	141-78-6	0.34	33
3001				
3002	U113			
3003				
3004	Ethyl acrylate.			
3005				
	Ethyl acrylate	140-88-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3006				
3007	U114			
3008				
3009	Ethylenebisdithiocarbamic acid salts and esters.			
3010				
	Ethylenebisdithiocarbamic acid	111-54-6	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3011				
3012	U115			
3013				
3014	Ethylene oxide.			
3015				
	Ethylene oxide	75-21-8	(WETOX or CHOXD) fb CARBN; or CMBST	CHOXD; or CMBST

3016	Ethylene oxide; alternate ⁶ standard for wastewaters only	75-21-8	0.12	NA
3017	U116			
3018				
3019	Ethylene thiourea.			
3020	Ethylene thiourea	96-45-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3021				
3022	U117			
3023				
3024	Ethyl ether.			
3025	Ethyl ether	60-29-7	0.12	160
3026				
3027	U118			
3028				
3029	Ethyl methacrylate.			
3030	Ethyl methacrylate	97-63-2	0.14	160
3031				
3032	U119			
3033				
3034	Ethyl methane sulfonate.			
3035	Ethyl methane sulfonate	62-50-0	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3036				
3037	U120			
3038				
3039	Fluoranthene.			
3040	Fluoranthene	206-44-0	0.068	3.4
3041				
3042	U121			
3043				
3044	Trichloromonofluoromethane.			
3045				

3046	Trichloromonofluoromethane	75-69-4	0.020	30
3047	U122			
3048				
3049	Formaldehyde.			
3050	Formaldehyde	50-00-0	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3051				
3052	U123			
3053				
3054	Formic acid.			
3055	Formic acid	64-18-6	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3056				
3057	U124			
3058				
3059	Furan.			
3060	Furan	110-00-9	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3061				
3062	U125			
3063				
3064	Furfural.			
3065	Furfural	98-01-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3066				
3067	U126			
3068				
3069	Glycidylaldehyde.			
3070				

			(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
	Glycidylaldehyde	765-34-4		
3071				
3072	U127			
3073				
3074	Hexachlorobenzene.			
3075				
	Hexachlorobenzene	118-74-1	0.055	10
3076				
3077	U128			
3078				
3079	Hexachlorobutadiene.			
3080				
	Hexachlorobutadiene	87-68-3	0.055	5.6
3081				
3082	U129			
3083				
3084	Lindane.			
3085				
	α -BHC	319-84-6	0.00014	0.066
	β -BHC	319-85-7	0.00014	0.066
	δ -BHC	319-86-8	0.023	0.066
	γ -BHC (Lindane)	58-89-9	0.0017	0.066
3086				
3087	U130			
3088				
3089	Hexachlorocyclopentadiene.			
3090				
	Hexachlorocyclopentadiene	77-47-4	0.057	2.4
3091				
3092	U131			
3093				
3094	Hexachloroethane.			
3095				
	Hexachloroethane	67-72-1	0.055	30
3096				
3097	U132			
3098				
3099	Hexachlorophene.			
3100				

	Hexachlorophene	70-30-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3101				
3102	U133			
3103				
3104	Hydrazine.			
3105	Hydrazine	302-01-2	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST
3106				
3107	U134			
3108				
3109	Hydrogen fluoride.			
3110	Fluoride (measured in wastewaters only)	7664-39-3	35	ADGAS fb NEUTR; or NEUTR
3111				
3112	U135			
3113				
3114	Hydrogen sulfide.			
3115	Hydrogen sulfide	7783-06-4	CHOXD; CHRED; or CMBST	CHOXD; CHRED; or CMBST
3116				
3117	U136			
3118				
3119	Cacodylic acid.			
3120	Arsenic	7440-38-2	1.4	5.0 mg/ℓ TCLP
3121				
3122	U137			
3123				
3124	Indeno(1,2,3-cd)pyrene.			
3125				
3126	Indeno(1,2,3-cd)pyrene	193-39-5	0.0055	3.4
3127				
3128	U138			

3129				
3130	Iodomethane.			
3131				
	Iodomethane	74-88-4	0.19	65
3132				
3133	U140			
3134				
3135	Isobutyl alcohol.			
3136				
	Isobutyl alcohol	78-83-1	5.6	170
3137				
3138	U141			
3139				
3140	Isosafrole.			
3141				
	Isosafrole	120-58-1	0.081	2.6
3142				
3143	U142			
3144				
3145	Kepone.			
3146				
	Kepone	143-50-8	0.0011	0.13
3147				
3148	U143			
3149				
3150	Lasiocarpine.			
3151				
	Lasiocarpine	303-34-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3152				
3153	U144			
3154				
3155	Lead acetate.			
3156				
	Lead	7439-92-1	0.69	0.75 mg/l TCLP
3157				
3158	U145			
3159				
3160	Lead phosphate.			
3161				
	Lead	7439-92-1	0.69	0.75 mg/l TCLP

3162				
3163	U146			
3164				
3165	Lead subacetate.			
3166	Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
3167				
3168	U147			
3169				
3170	Maleic anhydride.			
3171	Maleic anhydride	108-31-6	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3172				
3173	U148			
3174				
3175	Maleic hydrazide.			
3176	Maleic hydrazide	123-33-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3177				
3178	U149			
3179				
3180	Malononitrile.			
3181	Malononitrile	109-77-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3182				
3183	U150			
3184				
3185	Melphalan.			
3186	Melphalan	148-82-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3187				

3188	U151			
3189				
3190	U151 (mercury) nonwastewaters that contain greater than or equal to 260 mg/kg total mercury.			
3191				
	Mercury	7439-97-6	NA	RMERC
3192				
3193	U151			
3194				
3195	U151 (mercury) nonwastewaters that contain less than 260 mg/kg total mercury and that are			
3196	residues from RMERC only.			
3197				
	Mercury	7439-97-6	NA	0.20 mg/ℓ TCLP
3198				
3199	U151			
3200				
3201	U151 (mercury) nonwastewaters that contain less than 260 mg/kg total mercury and that are not			
3202	residues from RMERC only.			
3203				
	Mercury	7439-97-6	NA	0.025 mg/ℓ TCLP
3204				
3205	U151			
3206				
3207	All U151 (mercury) wastewater.			
3208				
	Mercury	7439-97-6	0.15	NA
3209				
3210	U151			
3211				
3212	Elemental Mercury Contaminated with Radioactive Materials.			
3213				
	Mercury	7439-97-6	NA	AMLGM
3214				
3215	U152			
3216				
3217	Methacrylonitrile.			
3218				
	Methacrylonitrile	126-98-7	0.24	84
3219				
3220	U153			
3221				
3222	Methanethiol.			
3223				

	Methanethiol	74-93-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3224				
3225	U154			
3226				
3227	Methanol.			
3228				
	Methanol	67-56-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
	Methanol; alternate ⁶ set of standards for both wastewaters and nonwastewaters	67-56-1	5.6	0.75 mg/ℓ TCLP
3229				
3230	U155			
3231				
3232	Methapyrilene.			
3233				
	Methapyrilene	91-80-5	0.081	1.5
3234				
3235	U156			
3236				
3237	Methyl chlorocarbonate.			
3238				
	Methyl chlorocarbonate	79-22-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3239				
3240	U157			
3241				
3242	3-Methylcholanthrene.			
3243				
	3-Methylcholanthrene	56-49-5	0.0055	15
3244				
3245	U158			
3246				
3247	4,4'-Methylene bis(2-chloroaniline).			
3248				

3249	4,4'-Methylene bis(2-chloroaniline)	101-14-4	0.50	30
3250	U159			
3251				
3252	Methyl ethyl ketone.			
3253				
	Methyl ethyl ketone	78-93-3	0.28	36
3254				
3255	U160			
3256				
3257	Methyl ethyl ketone peroxide.			
3258				
	Methyl ethyl ketone peroxide	1338-23-4	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST
3259				
3260	U161			
3261				
3262	Methyl isobutyl ketone.			
3263				
	Methyl isobutyl ketone	108-10-1	0.14	33
3264				
3265	U162			
3266				
3267	Methyl methacrylate.			
3268				
	Methyl methacrylate	80-62-6	0.14	160
3269				
3270	U163			
3271				
3272	N-Methyl-N'-nitro-N-nitrosoguanidine.			
3273				
	N-Methyl-N'-nitro-N-nitrosoguanidine	70-25-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3274				
3275	U164			
3276				
3277	Methylthiouracil.			
3278				

	Methylthiouracil	56-04-2	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3279				
3280	U165			
3281				
3282	Naphthalene.			
3283	Naphthalene	91-20-3	0.059	5.6
3284				
3285	U166			
3286				
3287	1,4-Naphthoquinone.			
3288	1,4-Naphthoquinone	130-15-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3289				
3290	U167			
3291				
3292	1-Naphthylamine.			
3293	1-Naphthylamine	134-32-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3294				
3295	U168			
3296				
3297	2-Naphthylamine.			
3298	2-Naphthylamine	91-59-8	0.52	CMBST
3299				
3300	U169			
3301				
3302	Nitrobenzene.			
3303	Nitrobenzene	98-95-3	0.068	14
3304				
3305	U170			
3306				

3307	p-Nitrophenol.			
3308	p-Nitrophenol	100-02-7	0.12	29
3309				
3310	U171			
3311				
3312	2-Nitropropane.			
3313	2-Nitropropane	79-46-9	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3314				
3315	U172			
3316				
3317	N-Nitrosodi-n-butylamine.			
3318	N-Nitrosodi-n-butylamine	924-16-3	0.40	17
3319				
3320	U173			
3321				
3322	N-Nitrosodiethanolamine.			
3323	N-Nitrosodiethanolamine	1116-54-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3324				
3325	U174			
3326				
3327	N-Nitrosodiethylamine.			
3328	N-Nitrosodiethylamine	55-18-5	0.40	28
3329				
3330	U176			
3331				
3332	N-Nitroso-N-ethylurea.			
3333	N-Nitroso-N-ethylurea	759-73-9	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3334				

3335	U177			
3336				
3337	N-Nitroso-N-methylurea.			
3338	N-Nitroso-N-methylurea	684-93-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3339				
3340	U178			
3341				
3342	N-Nitroso-N-methylurethane.			
3343	N-Nitroso-N-methylurethane	615-53-2	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3344				
3345	U179			
3346				
3347	N-Nitrosopiperidine.			
3348	N-Nitrosopiperidine	100-75-4	0.013	35
3349				
3350	U180			
3351				
3352	N-Nitrosopyrrolidine.			
3353	N-Nitrosopyrrolidine	930-55-2	0.013	35
3354				
3355	U181			
3356				
3357	5-Nitro-o-toluidine.			
3358	5-Nitro-o-toluidine	99-55-8	0.32	28
3359				
3360	U182			
3361				
3362	Paraldehyde.			
3363				

	Paraldehyde	123-63-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3364				
3365	U183			
3366				
3367	Pentachlorobenzene.			
3368				
	Pentachlorobenzene	608-93-5	0.055	10
3369				
3370	U184			
3371				
3372	Pentachloroethane.			
3373				
	Pentachloroethane	76-01-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
	Pentachloroethane; alternate ⁶ standards for both wastewaters and nonwastewaters	76-01-7	0.055	6.0
3374				
3375	U185			
3376				
3377	Pentachloronitrobenzene.			
3378				
	Pentachloronitrobenzene	82-68-8	0.055	4.8
3379				
3380	U186			
3381				
3382	1,3-Pentadiene.			
3383				
	1,3-Pentadiene	504-60-9	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3384				
3385	U187			
3386				
3387	Phenacetin.			
3388				
	Phenacetin	62-44-2	0.081	16

3389				
3390	U188			
3391				
3392	Phenol.			
3393				
	Phenol	108-95-2	0.039	6.2
3394				
3395	U189			
3396				
3397	Phosphorus sulfide.			
3398				
	Phosphorus sulfide	1314-80-3	CHOXD; CHRED; or CMBST	CHOXD; CHRED; or CMBST
3399				
3400	U190			
3401				
3402	Phthalic anhydride.			
3403				
	Phthalic anhydride (measured as Phthalic acid or Terephthalic acid)	100-21-0	0.055	28
	Phthalic anhydride (measured as Phthalic acid or Terephthalic acid)	85-44-9	0.055	28
3404				
3405	U191			
3406				
3407	2-Picoline.			
3408				
	2-Picoline	109-06-8	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3409				
3410	U192			
3411				
3412	Pronamide.			
3413				
	Pronamide	23950-58-5	0.093	1.5
3414				
3415	U193			
3416				
3417	1,3-Propane sultone.			

3418	1,3-Propane sultone	1120-71-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3419				
3420	U194			
3421				
3422	n-Propylamine.			
3423	n-Propylamine	107-10-8	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3424				
3425	U196			
3426				
3427	Pyridine.			
3428	Pyridine	110-86-1	0.014	16
3429				
3430	U197			
3431				
3432	p-Benzoquinone.			
3433	p-Benzoquinone	106-51-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3434				
3435	U200			
3436				
3437	Reserpine.			
3438	Reserpine	50-55-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3439				
3440	U201			
3441				
3442	Resorcinol.			
3443				

	Resorcinol-	108-46-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3444				
3445	U202			
3446				
3447	Saccharin and salts.			
3448	Saccharin	81-07-2	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3449				
3450	U203			
3451				
3452	Safrole.			
3453				
	Safrole	94-59-7	0.081	22
3454				
3455	U204			
3456				
3457	Selenium dioxide.			
3458				
	Selenium	7782-49-2	0.82	5.7 mg/ℓ TCLP
3459				
3460	U205			
3461				
3462	Selenium sulfide.			
3463				
	Selenium	7782-49-2	0.82	5.7 mg/ℓ TCLP
3464				
3465	U206			
3466				
3467	Streptozotocin.			
3468				
	Streptozotocin	18883-66-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3469				
3470	U207			
3471				

3472	1,2,4,5-Tetrachlorobenzene.			
3473				
	1,2,4,5-Tetrachlorobenzene	95-94-3	0.055	14
3474				
3475	U208			
3476	1,1,1,2-			
3477	Tetrachloroethane.			
3478				
	1,1,1,2-Tetrachloroethane	630-20-6	0.057	6.0
3479				
3480	U209			
3481				
3482	1,1,2,2-Tetrachloroethane.			
3483				
	1,1,2,2-Tetrachloroethane	79-34-5	0.057	6.0
3484				
3485	U210			
3486				
3487	Tetrachloroethylene.			
3488				
	Tetrachloroethylene	127-18-4	0.056	6.0
3489				
3490	U211			
3491				
3492	Carbon tetrachloride.			
3493				
	Carbon tetrachloride	56-23-5	0.057	6.0
3494				
3495	U213			
3496				
3497	Tetrahydrofuran.			
3498				
	Tetrahydrofuran	109-99-9	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3499				
3500	U214			
3501				
3502	Thallium (I) acetate.			
3503				
	Thallium (measured in wastewaters only)	7440-28-0	1.4	RTHRM; or STABL

3504				
3505	U215			
3506				
3507	Thallium (I) carbonate.			
3508	Thallium (measured in wastewaters only)	7440-28-0	1.4	RTHRM; or STABL
3509				
3510	U216			
3511				
3512	Thallium (I) chloride.			
3513	Thallium (measured in wastewaters only)	7440-28-0	1.4	RTHRM; or STABL
3514				
3515	U217			
3516				
3517	Thallium (I) nitrate.			
3518	Thallium (measured in wastewaters only)	7440-28-0	1.4	RTHRM; or STABL
3519				
3520	U218			
3521				
3522	Thioacetamide.			
3523	Thioacetamide	62-55-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3524				
3525	U219			
3526				
3527	Thiourea.			
3528	Thiourea	62-56-6	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3529				
3530	U220			
3531				
3532	Toluene.			

3533	Toluene	108-88-3	0.080	10
3534	U221			
3535	U221			
3536	Toluenediamine.			
3537	Toluenediamine	25376-45-8	CARBN; or CMBST	CMBST
3538	Toluenediamine			
3539	U222			
3540	U222			
3541	o-Toluidine hydrochloride.			
3542	o-Toluidine hydrochloride	636-21-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3543	o-Toluidine hydrochloride			
3544	U223			
3545	U223			
3546	Toluene diisocyanate.			
3547	Toluene diisocyanate	26471-62-5	CARBN; or CMBST	CMBST
3548	Toluene diisocyanate			
3549	U225			
3550	U225			
3551	Bromoform (Tribromomethane).			
3552	Bromoform (Tribromomethane)	75-25-2	0.63	15
3553	Bromoform (Tribromomethane)			
3554	U226			
3555	U226			
3556	1,1,1-Trichloroethane.			
3557	1,1,1-Trichloroethane	71-55-6	0.054	6.0
3558	1,1,1-Trichloroethane			
3559	U227			
3560	U227			
3561	1,1,2-Trichloroethane.			
3562	1,1,2-Trichloroethane	79-00-5	0.054	6.0
3563	1,1,2-Trichloroethane			

3564	U228				
3565					
3566	Trichloroethylene.				
3567					
	Trichloroethylene	79-01-6	0.054		6.0
3568					
3569	U234				
3570	1,3,5-Trinitrobenzene.				
3571					
	1,3,5-Trinitrobenzene	99-35-4	(WETOX or CHOXD) fb CARBN; or CMBST		CMBST
3572					
3573	U235				
3574					
3575	tris-(2,3-Dibromopropyl)-phosphate.				
3576					
	tris-(2,3-Dibromopropyl)- phosphate	126-72-7	0.11		0.10
3577					
3578	U236				
3579					
3580	Trypan Blue.				
3581					
	Trypan Blue	72-57-1	(WETOX or CHOXD) fb CARBN; or CMBST		CMBST
3582					
3583	U237				
3584					
3585	Uracil mustard.				
3586					
	Uracil mustard	66-75-1	(WETOX or CHOXD) fb CARBN; or CMBST		CMBST
3587					
3588	U238				
3589					
3590	Urethane (Ethyl carbamate).				
3591					

	Urethane (Ethyl carbamate)	51-79-6	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3592				
3593	U239			
3594				
3595	Xylenes.			
3596				
	Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations)	1330-20-7	0.32	30
3597				
3598	U240			
3599				
3600	2,4-D (2,4-Dichlorophenoxyacetic acid).			
3601				
	2,4-D (2,4- Dichlorophenoxyacetic acid)	94-75-7	0.72	10
	2,4-D (2,4- Dichlorophenoxyacetic acid) salts and esters	NA	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3602				
3603	U243			
3604				
3605	Hexachloropropylene.			
3606				
	Hexachloropropylene	1888-71-7	0.035	30
3607				
3608	U244			
3609				
3610	Thiram.			
3611				
	Thiram	137-26-8	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3612				
3613	U246			
3614				
3615	Cyanogen bromide.			
3616				

3617	Cyanogen bromide	506-68-3	CHOXD; WETOX; or CMBST	CHOXD; WETOX; or CMBST
3618	U247			
3619				
3620	Methoxychlor.			
3621	Methoxychlor	72-43-5	0.25	0.18
3622				
3623	U248			
3624				
3625	Warfarin, & salts, when present at concentrations of 0.3 percent or less.			
3626	Warfarin	81-81-2	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3627				
3628	U249			
3629				
3630	Zinc phosphide, Zn_3P_2 , when present at concentrations of 10 percent or less.			
3631	Zinc Phosphide	1314-84-7	CHOXD; CHRED; or CMBST	CHOXD; CHRED; or CMBST
3632				
3633	U271			
3634				
3635	Benomyl.			
3636	Benomyl	17804-35-2	0.056	1.4
3637				
3638	U278			
3639				
3640	Bendiocarb.			
3641	Bendiocarb	22781-23-3	0.056	1.4
3642				
3643	U279			
3644				
3645	Carbaryl.			
3646	Carbaryl	63-25-2	0.006	0.14

3647				
3648	U280			
3649				
3650	Barban.			
3651	Barban	101-27-9	0.056	1.4
3652				
3653	U328			
3654				
3655	o-Toluidine.			
3656	o-Toluidine	95-53-4	CMBST; or CHOXD fb (BIODG or CARBN); or BIODG fb CARBN	CMBST
3657				
3658	U353			
3659				
3660	p-Toluidine.			
3661	p-Toluidine	106-49-0	CMBST; or CHOXD fb (BIODG or CARBN); or BIODG fb CARBN	CMBST
3662				
3663	U359			
3664				
3665	2-Ethoxyethanol.			
3666	2-Ethoxyethanol	110-80-5	CMBST; or CHOXD fb (BIODG or CARBN); or BIODG fb CARBN	CMBST
3667				
3668	U364			
3669				
3670	Bendiocarb phenol. ¹⁰			

3671	Bendiocarb phenol	22961-82-6	0.056	1.4
3672				
3673	U367			
3674				
3675	Carbofuran phenol.			
3676	Carbofuran phenol	1563-38-8	0.056	1.4
3677				
3678	U372			
3679	Carbendazim.			
3680	Carbendazim	10605-21-7	0.056	1.4
3681				
3682	U373			
3683				
3684	Propham.			
3685	Propham	122-42-9	0.056	1.4
3686				
3687	U387			
3688				
3689	Prosulfocarb.			
3690	Prosulfocarb	52888-80-9	0.042	1.4
3691				
3692	U389			
3693				
3694	Triallate.			
3695	Triallate	2303-17-5	0.042	1.4
3696				
3697	U394			
3698				
3699	A2213. ¹⁰			
3700	A2213	30558-43-1	0.042	1.4
3701				
3702	U395			
3703				
3704	Diethylene glycol, dicarbamate. ¹⁰			
3705				

3706	Diethylene glycol, dicarbamate	5952-26-1	0.056	1.4
3707	U404			
3708				
3709	Triethylamine.			
3710				
3711	Triethylamine	101-44-8	0.081	1.5
3712	U409			
3713				
3714	Thiophanate-methyl.			
3715				
3716	Thiophanate-methyl	23564-05-8	0.056	1.4
3717	U410			
3718				
3719	Thiodicarb.			
3720				
3721	Thiodicarb	59669-26-0	0.019	1.4
3722	U411			
3723				
3724	Propoxur.			
3725				
3726	Propoxur	114-26-1	0.056	1.4

3726 Notes:

- 3727
- 3728
- 3729 1 The waste descriptions provided in this table do not replace waste descriptions in 35 Ill.
- 3730 Adm. Code 721. Descriptions of Treatment or Regulatory Subcategories are provided, as
- 3731 needed, to distinguish between applicability of different standards.
- 3732
- 3733 2 CAS means Chemical Abstract Services. When the waste code or regulated constituents
- 3734 are described as a combination of a chemical with its salts or esters, the CAS number is
- 3735 given for the parent compound only.
- 3736
- 3737 3 Concentration standards for wastewaters are expressed in mg/l and are based on analysis
- 3738 of composite samples.
- 3739
- 3740 4 All treatment standards expressed as a Technology Code or combination of Technology
- 3741 Codes are explained in detail in Table C of this Part, "Technology Codes and
- 3742 Descriptions of Technology-Based Standards." "fb" inserted between waste codes

- 3743 denotes "followed by," so that the first-listed treatment is followed by the second-listed
 3744 treatment. A semicolon (;) separates alternative treatment schemes.
 3745
- 3746 5 Except for Metals (EP or TCLP) and Cyanides (Total and Amenable), the nonwastewater
 3747 treatment standards expressed as a concentration were established, in part, based on
 3748 incineration in units operated in accordance with the technical requirements of Subpart O
 3749 of 35 Ill. Adm. Code 724 or Subpart O of 35 Ill. Adm. Code 725 or based on combustion
 3750 in fuel substitution units operating in accordance with applicable technical requirements.
 3751 A facility may comply with these treatment standards according to provisions in Section
 3752 728.140(d). All concentration standards for nonwastewaters are based on analysis of grab
 3753 samples.
 3754
- 3755 6 Where an alternate treatment standard or set of alternate standards has been indicated, a
 3756 facility may comply with this alternate standard, but only for the Treatment or Regulatory
 3757 Subcategory or physical form (i.e., wastewater or nonwastewater) specified for that
 3758 alternate standard.
 3759
- 3760 7 Both Cyanides (Total) and Cyanides (Amenable) for nonwastewaters are to be analyzed
 3761 using Method 9010C or 9012B, in "Test Methods for Evaluating Solid Waste, Physical or
 3762 Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by
 3763 reference in 35 Ill. Adm. Code 720.111(a), with a sample size of 10 grams and a
 3764 distillation time of one hour and 15 minutes.
 3765
- 3766 8 These wastes, when rendered non-hazardous and then subsequently managed in CWA or
 3767 CWA-equivalent systems, are not subject to treatment standards. (See Section
 3768 728.101(c)(3) and (c)(4).)
 3769
- 3770 9 These wastes, when rendered non-hazardous and then subsequently injected in a Class I
 3771 SDWA well, are not subject to treatment standards. (See 35 Ill. Adm. Code 738.101(d).)
 3772
- 3773 10 The treatment standard for this waste may be satisfied by either meeting the constituent
 3774 concentrations in the table in this Section or by treating the waste by the specified
 3775 technologies: combustion, as defined by the technology code CMBST at Table C, for
 3776 nonwastewaters; and biodegradation, as defined by the technology code BIODG; carbon
 3777 adsorption, as defined by the technology code CARBN; chemical oxidation, as defined by
 3778 the technology code CHOXD; or combustion, as defined as technology code CMBST, at
 3779 Table C, for wastewaters.
 3780
- 3781 11 For these wastes, the definition of CMBST is limited to any of the following that have
 3782 obtained a determination of equivalent treatment under Section 728.142(b): (1)
 3783 combustion units operating under 35 Ill. Adm. Code 726, (2) combustion units permitted
 3784 under Subpart O of 35 Ill. Adm. Code 724, or (3) combustion units operating under
 3785 Subpart O of 35 Ill. Adm. Code 725.

3786
3787 12 Disposal of USEPA hazardous waste number K175 waste that has complied with all
3788 applicable Section 728.140 treatment standards must also be macroencapsulated in
3789 accordance with Table F of this Part, unless the waste is placed in either of the following
3790 types of facilities:

- 3791
3792 a) A RCRA Subtitle C monofill containing only K175 wastes that meet all
3793 applicable 40 CFR 268.40 treatment standards; or
3794
3795 b) A dedicated RCRA Subtitle C landfill cell in which all other wastes being co-
3796 disposed are at pH≤6.0.
3797

3798 BOARD NOTE: Derived from table to 40 CFR 268.40 (~~2010~~2007).

3799
3800 NA means not applicable.

3801
3802 (Source: Amended at 35 Ill. Reg. _____, effective _____)

3803 Section 728.TABLE U Universal Treatment Standards (UTS)
 3804

Regulated Constituent- Common Name	CAS ¹ No.	Wastewater Standard Concentration ² (in mg/ℓ)	Nonwastewater Standard Concentration ³ (in mg/kg unless noted as "mg/ℓ TCLP")
Acenaphthylene	208-96-8	0.059	3.4
Acenaphthene	83-32-9	0.059	3.4
Acetone	67-64-1	0.28	160
Acetonitrile	75-05-8	5.6	38
Acetophenone	96-86-2	0.010	9.7
2-Acetylaminofluorene	53-96-3	0.059	140
Acrolein	107-02-8	0.29	NA
Acrylamide	79-06-1	19	23
Acrylonitrile	107-13-1	0.24	84
Aldicarb sulfone ⁶	1646-88-4	0.056	0.28
Aldrin	309-00-2	0.021	0.066
4-Aminobiphenyl	92-67-1	0.13	NA
Aniline	62-53-3	0.81	14
o-Anisidine (2- methoxyaniline)	90-04-0	0.010	0.66
Anthracene	120-12-7	0.059	3.4
Aramite	140-57-8	0.36	NA
α-BHC	319-84-6	0.00014	0.066
β-BHC	319-85-7	0.00014	0.066
δ-BHC	319-86-8	0.023	0.066
γ-BHC	58-89-9	0.0017	0.066
Barban ⁶	101-27-9	0.056	1.4
Bendiocarb ⁶	22781-23-3	0.056	1.4
Benomyl ⁶	17804-35-2	0.056	1.4
Benz(a)anthracene	56-55-3	0.059	3.4
Benzal chloride	98-87-3	0.055	6.0
Benzene	71-43-2	0.14	10
Benzo(b)fluoranthene (difficult to distinguish from benzo(k)fluoranthene)	205-99-2	0.11	6.8
Benzo(k)fluoranthene (difficult to distinguish from benzo(b)fluoranthene)	207-08-9	0.11	6.8
Benzo(g,h,i)perylene	191-24-2	0.0055	1.8

Benzo(a)pyrene	50-32-8	0.061	3.4
Bromodichloromethane	75-27-4	0.35	15
Methyl bromide (Bromomethane)	74-83-9	0.11	15
4-Bromophenyl phenyl ether	101-55-3	0.055	15
n-Butyl alcohol	71-36-3	5.6	2.6
Butylate ⁶	2008-41-5	0.042	1.4
Butyl benzyl phthalate	85-68-7	0.017	28
2-sec-Butyl-4,6-dinitrophenol (Dinoseb)	88-85-7	0.066	2.5
Carbaryl ⁶	63-25-2	0.006	0.14
Carbenzadim ⁶	10605-21-7	0.056	1.4
Carbofuran ⁶	1563-66-2	0.006	0.14
Carbofuran phenol ⁶	1563-38-8	0.056	1.4
Carbon disulfide	75-15-0	3.8	4.8 mg/ℓ TCLP
Carbon tetrachloride	56-23-5	0.057	6.0
Carbosulfan ⁶	55285-14-8	0.028	1.4
Chlordane (α and γ isomers)	57-74-9	0.0033	0.26
p-Chloroaniline	106-47-8	0.46	16
Chlorobenzene	108-90-7	0.057	6.0
Chlorobenzilate	510-15-6	0.10	NA
2-Chloro-1,3-butadiene	126-99-8	0.057	0.28
p-Chloro-m-cresol	59-50-7	0.018	14
Chlorodibromomethane	124-48-1	0.057	15
Chloroethane	75-00-3	0.27	6.0
bis(2-Chloroethoxy)methane	111-91-1	0.036	7.2
bis(2-Chloroethyl)ether	111-44-4	0.033	6.0
2-Chloroethyl vinyl ether	110-75-8	0.062	NA
Chloroform	67-66-3	0.046	6.0
bis(2-Chloroisopropyl)ether	39638-32-9	0.055	7.2
Chloromethane (Methyl chloride)	74-87-3	0.19	30
2-Chloronaphthalene	91-58-7	0.055	5.6
2-Chlorophenol	95-57-8	0.044	5.7
3-Chloropropylene	107-05-1	0.036	30
Chrysene	218-01-9	0.059	3.4
p-Cresidine	120-71-8	0.010	0.66
o-Cresol	95-48-7	0.11	5.6
m-Cresol (difficult to distinguish from p-cresol)	108-39-4	0.77	5.6
p-Cresol (difficult to distinguish from m-cresol)	106-44-5	0.77	5.6

m-Cumenyl methylcarbamate ⁶	64-00-6	0.056	1.4
Cyclohexanone	108-94-1	0.36	0.75 mg/ℓ TCLP
o,p'-DDD	53-19-0	0.023	0.087
p,p'-DDD	72-54-8	0.023	0.087
o,p'-DDE	3424-82-6	0.031	0.087
p,p'-DDE	72-55-9	0.031	0.087
o,p'-DDT	789-02-6	0.0039	0.087
p,p'-DDT	50-29-3	0.0039	0.087
Dibenz(a,h)anthracene	53-70-3	0.055	8.2
Dibenz(a,e)pyrene	192-65-4	0.061	NA
1,2-Dibromo-3-chloropropane	96-12-8	0.11	15
1,2-Dibromoethane/Ethylene dibromide	106-93-4	0.028	15
Dibromomethane	74-95-3	0.11	15
m-Dichlorobenzene	541-73-1	0.036	6.0
o-Dichlorobenzene	95-50-1	0.088	6.0
p-Dichlorobenzene	106-46-7	0.090	6.0
Dichlorodifluoromethane	75-71-8	0.23	7.2
1,1-Dichloroethane	75-34-3	0.059	6.0
1,2-Dichloroethane	107-06-2	0.21	6.0
1,1-Dichloroethylene	75-35-4	0.025	6.0
trans-1,2-Dichloroethylene	156-60-5	0.054	30
2,4-Dichlorophenol	120-83-2	0.044	14
2,6-Dichlorophenol	87-65-0	0.044	14
2,4-Dichlorophenoxyacetic acid/2,4-D	94-75-7	0.72	10
1,2-Dichloropropane	78-87-5	0.85	18
cis-1,3-Dichloropropylene	10061-01-5	0.036	18
trans-1,3-Dichloropropylene	10061-02-6	0.036	18
Dieldrin	60-57-1	0.017	0.13
Diethyl phthalate	84-66-2	0.20	28
p-Dimethylaminoazobenzene	60-11-7	0.13	NA
2,4-Dimethylaniline (2,4-xylydine)	95-68-1	0.010	0.66
2,4-Dimethyl phenol	105-67-9	0.036	14
Dimethyl phthalate	131-11-3	0.047	28
Di-n-butyl phthalate	84-74-2	0.057	28
1,4-Dinitrobenzene	100-25-4	0.32	2.3
4,6-Dinitro-o-cresol	534-52-1	0.28	160
2,4-Dinitrophenol	51-28-5	0.12	160
2,4-Dinitrotoluene	121-14-2	0.32	140
2,6-Dinitrotoluene	606-20-2	0.55	28

Di-n-octyl phthalate	117-84-0	0.017	28
Di-n-propylnitrosamine	621-64-7	0.40	14
1,4-Dioxane	123-91-1	12.0	170
Diphenylamine (difficult to distinguish from diphenylnitrosamine)	122-39-4	0.92	13
Diphenylnitrosamine (difficult to distinguish from diphenylamine)	86-30-6	0.92	13
1,2-Diphenylhydrazine	122-66-7	0.087	NA
Disulfoton	298-04-4	0.017	6.2
Dithiocarbamates (total) ⁶	137-30-4	0.028	28
Endosulfan I	959-98-8	0.023	0.066
Endosulfan II	33213-65-9	0.029	0.13
Endosulfan sulfate	1031-07-8	0.029	0.13
Endrin	72-20-8	0.0028	0.13
Endrin aldehyde	7421-93-4	0.025	0.13
EPTC ⁶	759-94-4	0.042	1.4
Ethyl acetate	141-78-6	0.34	33
Ethyl benzene	100-41-4	0.057	10
Ethyl cyanide (Propanenitrile)	107-12-0	0.24	360
Ethylene oxide	75-21-8	0.12	NA
Ethyl ether	60-29-7	0.12	160
bis(2-Ethylhexyl) phthalate	117-81-7	0.28	28
Ethyl methacrylate	97-63-2	0.14	160
Famphur	52-85-7	0.017	15
Fluoranthene	206-44-0	0.068	3.4
Fluorene	86-73-7	0.059	3.4
Formetanate hydrochloride ⁶	23422-53-9	0.056	1.4
Heptachlor	76-44-8	0.0012	0.066
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-HpCDD)	35822-46-9	0.000035	0.0025
1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-HpCDF)	67562-39-4	0.000035	0.0025
1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-HpCDF)	55673-89-7	0.000035	0.0025
Heptachlor epoxide	1024-57-3	0.016	0.066
Hexachlorobenzene	118-74-1	0.055	10
Hexachlorobutadiene	87-68-3	0.055	5.6
Hexachlorocyclopentadiene	77-47-4	0.057	2.4

HxCDDs (All Hexachlorodibenzo-p-dioxins)	NA	0.000063	0.001
HxCDFs (All Hexachlorodibenzofurans)	55684-94-1	0.000063	0.001
Hexachloroethane	67-72-1	0.055	30
Hexachloropropylene	1888-71-7	0.035	30
Indeno (1,2,3-c,d) pyrene	193-39-5	0.0055	3.4
Iodomethane	74-88-4	0.19	65
Isobutyl alcohol	78-83-1	5.6	170
Isodrin	465-73-6	0.021	0.066
Isosafrole	120-58-1	0.081	2.6
Kepone	143-50-0	0.0011	0.13
Methacrylonitrile	126-98-7	0.24	84
Methanol	67-56-1	5.6	0.75 mg/ℓ TCLP
Methapyrilene	91-80-5	0.081	1.5
Methiocarb ⁶	2032-65-7	0.056	1.4
Methomyl ⁶	16752-77-5	0.028	0.14
Methoxychlor	72-43-5	0.25	0.18
3-Methylcholanthrene	56-49-5	0.0055	15
4,4-Methylene bis(2-chloroaniline)	101-14-4	0.50	30
Methylene chloride	75-09-2	0.089	30
Methyl ethyl ketone	78-93-3	0.28	36
Methyl isobutyl ketone	108-10-1	0.14	33
Methyl methacrylate	80-62-6	0.14	160
Methyl methansulfonate	66-27-3	0.018	NA
Methyl parathion	298-00-0	0.014	4.6
Metolcarb ⁶	1129-41-5	0.056	1.4
Mexacarbate ⁶	315-18-4	0.056	1.4
Molinate ⁶	2212-67-1	0.042	1.4
Naphthalene	91-20-3	0.059	5.6
2-Naphthylamine	91-59-8	0.52	NA
o-Nitroaniline	88-74-4	0.27	14
p-Nitroaniline	100-01-6	0.028	28
Nitrobenzene	98-95-3	0.068	14
5-Nitro-o-toluidine	99-55-8	0.32	28
o-Nitrophenol	88-75-5	0.028	13
p-Nitrophenol	100-02-7	0.12	29
N-Nitrosodiethylamine	55-18-5	0.40	28
N-Nitrosodimethylamine	62-75-9	0.40	2.3
N-Nitroso-di-n-butylamine	924-16-3	0.40	17
N-Nitrosomethylethylamine	10595-95-6	0.40	2.3

N-Nitrosomorpholine	59-89-2	0.40	2.3
N-Nitrosopiperidine	100-75-4	0.013	35
N-Nitrosopyrrolidine	930-55-2	0.013	35
1,2,3,4,6,7,8,9- Octachlorodibenzo-p-dioxin (1,2,3,4,6,7,8,9-OCDD)	3268-87-9	0.000063	0.005
1,2,3,4,6,7,8,9- Octachlorodibenzofuran (1,2,3,4,6,7,8,9-OCDF)	39001-02-0	0.000063	0.005
Oxamyl ⁶	23135-22-0	0.056	0.28
Parathion	56-38-2	0.014	4.6
Total PCBs (sum of all PCB isomers, or all Aroclors) ⁸	1336-36-3	0.10	10
Pebulate ⁶	1114-71-2	0.042	1.4
Pentachlorobenzene	608-93-5	0.055	10
PeCDDs (All Pentachlorodibenzo-p- dioxins)	36088-22-9	0.000063	0.001
PeCDFs (All Pentachlorodibenzofurans)	30402-15-4	0.000035	0.001
Pentachloroethane	76-01-7	0.055	6.0
Pentachloronitrobenzene	82-68-8	0.055	4.8
Pentachlorophenol	87-86-5	0.089	7.4
Phenacetin	62-44-2	0.081	16
Phenanthrene	85-01-8	0.059	5.6
Phenol	108-95-2	0.039	6.2
1,3-Phenylenediamine	108-45-2	0.010	0.66
Phorate	298-02-2	0.021	4.6
Phthalic acid	100-21-0	0.055	28
Phthalic anhydride	85-44-9	0.055	28
Physostigmine ⁶	57-47-6	0.056	1.4
Physostigmine salicylate ⁶	57-64-7	0.056	1.4
Promecarb ⁶	2631-37-0	0.056	1.4
Pronamide	23950-58-5	0.093	1.5
Propham ⁶	122-42-9	0.056	1.4
Propoxur ⁶	114-26-1	0.056	1.4
Prosulfocarb ⁶	52888-80-9	0.042	1.4
Pyrene	129-00-0	0.067	8.2
Pyridine	110-86-1	0.014	16
Safrole	94-59-7	0.081	22
Silvex (2,4,5-TP)	93-72-1	0.72	7.9
1,2,4,5-Tetrachlorobenzene	95-94-3	0.055	14

TCDDs (All Tetrachlorodibenzo-p-dioxins)	41903-57-5	0.000063	0.001
TCDFs (All Tetrachlorodibenzofurans)	55722-27-5	0.000063	0.001
1,1,1,2-Tetrachloroethane	630-20-6	0.057	6.0
1,1,2,2-Tetrachloroethane	79-34-5	0.057	6.0
Tetrachloroethylene	127-18-4	0.056	6.0
2,3,4,6-Tetrachlorophenol	58-90-2	0.030	7.4
Thiodicarb ⁶	59669-26-0	0.019	1.4
Thiophanate-methyl ⁶	23564-05-8	0.056	1.4
Toluene	108-88-3	0.080	10
Toxaphene	8001-35-2	0.0095	2.6
Triallate ⁶	2303-17-5	0.042	1.4
Tribromomethane (Bromoform)	75-25-2	0.63	15
1,2,4-Trichlorobenzene	120-82-1	0.055	19
1,1,1-Trichloroethane	71-55-6	0.054	6.0
1,1,2-Trichloroethane	79-00-5	0.054	6.0
Trichloroethylene	79-01-6	0.054	6.0
Trichloromonofluoromethane	75-69-4	0.020	30
2,4,5-Trichlorophenol	95-95-4	0.18	7.4
2,4,6-Trichlorophenol	88-06-2	0.035	7.4
2,4,5-Trichlorophenoxyacetic acid/2,4,5-T	93-76-5	0.72	7.9
1,2,3-Trichloropropane	96-18-4	0.85	30
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.057	30
Triethylamine ⁶	101-44-8	0.081	1.5
tris-(2,3-Dibromopropyl) phosphate	126-72-7	0.11	0.10
Vernolate ⁶	1929-77-7	0.042	1.4
Vinyl chloride	75-01-4	0.27	6.0
Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations)	1330-20-7	0.32	30
Antimony	7440-36-0	1.9	1.15 mg/l TCLP
Arsenic	7440-38-2	1.4	5.0 mg/l TCLP
Barium	7440-39-3	1.2	21 mg/l TCLP
Beryllium	7440-41-7	0.82	1.22 mg/l TCLP
Cadmium	7440-43-9	0.69	0.11 mg/l TCLP
Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
Cyanides (Total) ⁴	57-12-5	1.2	590

Cyanides (Amenable) ⁴	57-12-5	0.86	30
Fluoride ⁵	16984-48-8	35	NA
Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
Mercury-Nonwastewater from Retort	7439-97-6	NA	0.20 mg/ℓ TCLP
Mercury-All Others	7439-97-6	0.15	0.025 mg/ℓ TCLP
Nickel	7440-02-0	3.98	11 mg/ℓ TCLP
Selenium ⁷	7782-49-2	0.82	5.7 mg/ℓ TCLP
Silver	7440-22-4	0.43	0.14 mg/ℓ TCLP
Sulfide	18496-25-8	14	NA
Thallium	7440-28-0	1.4	0.20 mg/ℓ TCLP
Vanadium ⁵	7440-62-2	4.3	1.6 mg/ℓ TCLP
Zinc ⁵	7440-66-6	2.61	4.3 mg/ℓ TCLP

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¹ CAS means Chemical Abstract Services. When the waste code or regulated constituents are described as a combination of a chemical with its salts or esters, the CAS number is given for the parent compound only.

² Concentration standards for wastewaters are expressed in mg/ℓ are based on analysis of composite samples.

³ Except for metals (EP or TCLP) and cyanides (total and amenable), the nonwastewater treatment standards expressed as a concentration were established, in part, based on incineration in units operated in accordance with the technical requirements of Subpart O of 35 Ill. Adm. Code 724 or Subpart O of 35 Ill. Adm. Code 725 or on combustion in fuel substitution units operating in accordance with applicable technical requirements. A facility may comply with these treatment standards according to provisions in Section 728.140(d). All concentration standards for nonwastewaters are based on analysis of grab samples.

⁴ Both Cyanides (Total) and Cyanides (Amenable) for nonwastewaters are to be analyzed using Method 9010C or 9012B, in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a), with a sample size of 10 grams and a distillation time of one hour and 15 minutes.

⁵ These constituents are not "underlying hazardous constituents" in characteristic wastes, according to the definition at Section 728.102(i).

⁶ This footnote corresponds with footnote 6 to the table to 40 CFR 268.48(a), which has already expired by its own terms. This statement maintains structural consistency with the corresponding federal regulations.

3834 ⁷ This constituent is not an underlying hazardous constituent, as defined at Section 728.102(i),
3835 because its UTS level is greater than its TC level. Thus, a treated selenium waste would
3836 always be characteristically hazardous unless it is treated to below its characteristic level.
3837

3838 ⁸ This standard is temporarily deferred for soil exhibiting a hazardous characteristic due to
3839 USEPA hazardous waste numbers D004 through D011 only.
3840

3841 Note: NA means not applicable.
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3843 BOARD NOTE: Derived from table to 40 CFR 268.48(a) (20102007).
3844

3845 (Source: Amended at 35 Ill. Reg. _____, effective _____)