POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

1) Heading of the Part: Land Disposal Restrictions

2) Code Citation: 35 Ill. Adm. Code 728

3)

Section Numbers:	Proposed action:
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

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

NOTICE OF PROPOSED AMENDMENTS

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

SUBPART E: PROHIBITIONS ON STORAGE

Section

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-Thrichloropropane

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-chloroanaline)

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. Methoxyclor
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 1EFFECTIVE DATES OF SURFACE DISPOSED WASTES (NON-SOIL ~~AND DEBRIS~~ANDDEBRIS) REGULATED IN THE LDRSa - COMPREHENSIVE ~~LISTWaste~~LISTWaste 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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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 ConstituentWastewatersNonwastewatersCommon NameCAS2 NumberConcentration3 in mg/l; or Technology Code4Concentration5 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)NANAHLVITArsenic7440-38-2NAHLVITBarium7440-39-3NAHLVITCadmium7440-43-9NAHLVITChromium (Total)7440-47-3NAHLVITLead7439-92-1NAHLVITMercury7439-97-6NAHLVITSelenium7782-49-2NAHLVITSilver7440-22-4NAHLVIT
D0039

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

NANADEACTDEACT
D0039

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

NANADEACT and meet Section 728.148 standards8DEACT and meet Section 728.148 standards8
D0039

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

NANADEACTDEACT
D0039

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

NANADEACT and meet Section 728.148 standards8DEACT and meet Section 728.148 standards8
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.)

NANANADEACT and meet Section 728.148 standards8
D0039

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

Cyanides (Total)757-12-5-590Cyanides (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).

Arsenic7440-38-21.4 and meet Section 728.148 standards85.0 mg/l TCLP and meet Section 728.148 standards8
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).

Barium7440-39-31.2 and meet Section 728.148 standards821 mg/l TCLP and meet Section 728.148 standards8
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).

Cadmium7440-43-90.69 and meet Section 728.148 standards80.11 mg/l TCLP and meet Section 728.148 standards8
D0069

Cadmium-Containing Batteries Subcategory.

(Note: This subcategory consists of nonwastewaters only.)

Cadmium7440-43-9NARTHRM
D0069

Radioactively contaminated cadmium-containing batteries.

(Note: This subcategory consists of nonwastewaters only.)

Cadmium7440-43-9NAMacroencapsulation 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 standards80.60 mg/l TCLP and meet Section 728.148 standards8
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).

Lead7439-92-10.69 and meet Section 728.148 standards80.75 mg/l TCLP and meet Section 728.148 standards8
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).

Endrin72-20-8BIODG; or CMBST0.13 and meet Section 728.148 standards8Endrin aldehyde7421-93-4BIODG; 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).

Toxaphene8001-35-2BIODG 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; BIODG; 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).

Benzene71-43-20.14 and meet Section 728.148 standards810 and meet Section 728.148 standards8
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 tetrachloride56-23-50.057 and meet Section 728.148 standards86.0 and meet Section 728.148 standards8
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 standards80.26 and meet Section 728.148 standards8
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).

Chlorobenzene108-90-70.057 and meet Section 728.148 standards86.0 and meet Section 728.148 standards8
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).

Chloroform67-66-30.046 and meet Section 728.148 standards86.0 and meet Section 728.148 standards8
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-Cresol95-48-70.11 and meet Section 728.148 standards85.6 and meet Section 728.148 standards8
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).

Pentachlorophenol87-86-50.089 and meet Section 728.148 standards87.4 and meet Section 728.148 standards8
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).

Pyridine110-86-10.014 and meet Section 728.148 standards816 and meet Section 728.148 standards8
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).

Tetrachloroethylene127-18-40.056 and meet Section 728.148 standards86.0 and meet Section 728.148 standards8
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).

Trichloroethylene79-01-60.054 and meet Section 728.148 standards86.0 and meet Section 728.148 standards8
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-Trichlorophenol95-95-40.18 and meet Section 728.148 standards87.4 and meet Section 728.148 standards8
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-Trichlorophenol88-06-20.035 and meet Section 728.148 standards87.4 and meet Section 728.148 standards8
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 chloride75-01-40.27 and meet Section 728.148 standards86.0 and meet Section 728.148 standards8
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.

Acetone67-64-10.28160Benzene71-43-20.1410n-Butyl alcohol71-36-35.62.6Carbon disulfide75-15-03.8NACarbon tetrachloride56-23-50.0576.0Chlorobenzene108-90-70.0576.0o-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)1319-77-30.8811.2Cyclohexanone108-94-10.36NAo-Dichlorobenzene95-50-10.0886.0Ethyl acetate141-78-60.3433Ethyl benzene100-41-40.05710Ethyl ether60-29-70.12160Isobutyl alcohol78-83-15.6170Methanol67-56-15.6NAMethylene chloride75-9-20.08930Methyl ethyl ketone78-93-30.2836Methyl isobutyl ketone108-10-10.1433Nitrobenzene98-95-30.06814Pyridine110-86-10.01416Tetrachloroethylene127-18-40.0566.0Toluene108-88-30.080101,1,1-Trichloroethane71-55-60.0546.01,1,2-Trichloroethane79-00-50.0546.01,1,2-Trichloro-1,2,2-trifluoroethane76-13-10.05730Trichloroethylene79-01-60.0546.0Trichloromonofluoromethane75-69-40.02030Xylenes-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 disulfide75-15-03.84.8 mg/l TCLPCyclohexanone108-94-10.360.75 mg/l TCLPMethanol67-56-15.60.75 mg/l TCLP
F001, F002, F003, F004 & F005

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

2-Nitropropane79-46-9(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-Ethoxyethanol110-80-5BIODG; 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.

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
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 TCLPCyanides (Total)757-12-51.2590Cyanides (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)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
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 wastesNACMBST11CMBST112-Chloro-1,3-butadiene126-99-80.0570.283-Chloropropylene107-05-10.036301,1-Dichloroethane75-34-30.0596.01,2-Dichloroethane107-06-20.216.01,2-Dichloropropane78-87-50.8518cis-1,3-Dichloropropylene10061-01-50.03618trans-1,3-Dichloropropylene10061-02-60.03618bis(2-Ethylhexyl) phthalate117-81-70.2828Hexachloroethane67-72-10.05530Chromium (Total)7440-47-32.770.60 mg/l TCLPNickel7440-02-03.9811 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-Acetylaminofluorene53-96-30.059140Acrolein107-02-80.29NAAcrylonitrile107-13-

10.2484Aldrin309-00-20.0210.0664-Aminobiphenyl92-67-10.13NAAniline62-53-
30.8114o-Anisidine (2-methoxyaniline)90-04-00.0100.66Anthracene120-12-
70.0593.4Aramite140-57-80.36NA-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-
60.03618Dieldrin60-57-10.0170.132,4-Dimethylaniline (2,4-xylidine)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-Dioxane123-91-112.0170Diphenylamine
(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-
20.631512,4-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-
40.853011,2-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.

Chloroform67-66-30.0466.0
K010

Distillation side cuts from the production of acetaldehyde from ethylene.

Chloroform67-66-30.0466.0
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.

NANALLEXT 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-Trichloroethane71-55-60.0546.01,2-Trichloroethane79-00-50.0546.0Cadmium7440-43-90.69NAChromium(Total)7440-47-32.770.60 mg/l TCLPLead7439-92-10.690.75 mg/l TCLPNickel7440-02-03.9811 mg/l TCLP
K029

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 chloride75-01-40.276.0
K030

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-Trichlorobenzene120-82-10.05519
K031

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

Arsenic7440-38-21.45.0 mg/l TCLP
K032

Wastewater treatment sludge from the production of chlordane.

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

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

Hexachlorocyclopentadiene77-47-40.0572.4
K034

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

Hexachlorocyclopentadiene77-47-40.0572.4
K035

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.

NANACARBN; 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-Tetrachlorophenol58-90-20.0307.4Pentachlorophenol87-86-50.0897.4Tetrachloroethylene127-18-40.0566.0HxCDDs (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.

NANADEACTDEACT
K045

Spent carbon from the treatment of wastewater containing explosives.

NANADEACTDEACT
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.

NANADEACTDEACT
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.

Acetone67-64-10.28160Acetophenone96-86-20.0109.7bis(2-Ethylhexyl) phthalate117-81-70.2828n-Butyl alcohol71-36-35.62.6Butylbenzyl phthalate85-68-70.01728Cyclohexanone108-94-10.36NAo-Dichlorobenzene95-50-10.0886.0Diethyl phthalate84-66-20.2028Dimethyl phthalate131-11-30.04728Di-n-butyl phthalate84-74-20.05728Di-n-octyl phthalate117-84-00.01728Ethyl acetate141-78-60.3433Ethylbenzene100-41-40.05710Methanol67-56-15.6NAMethyl ethyl ketone78-93-30.2836Methyl isobutyl ketone108-10-10.1433Methylene chloride75-09-20.08930Naphthalene91-20-30.0595.6Nitrobenzene98-95-30.06814Toluene108-88-30.080101,1,1-Trichloroethane71-55-60.0546.0Trichloroethylene79-01-60.0546.0Xylenes-mixed isomers
(sum of o-, m-, and p-xylene concentrations)1330-20-70.3230Chromium (Total)7440-47-32.770.60 mg/l TCLPCyanides (Total)757-12-51.2590Lead7439-92-10.690.75 mg/l TCLP
K087

Decanter tank tar sludge from coking operations.

Acenaphthylene208-96-80.0593.4Benzene71-43-20.1410Chrysene218-01-90.0593.4Fluoranthene206-44-00.0683.4Indeno(1,2,3-cd)pyrene193-39-50.00553.4Naphthalene91-20-30.0595.6Phenanthrene85-01-80.0595.6Toluene108-88-30.08010Xylenes-mixed isomers
(sum of o-, m-, and p-xylene concentrations)1330-20-70.3230Lead7439-92-10.690.75 mg/l TCLP
K088

Spent potliners from primary aluminum reduction.

Acenaphthene83-32-90.0593.4Anthracene120-12-70.0593.4Benz(a)anthracene56-55-30.0593.4Benzo(a)pyrene50-32-80.0613.4Benzo(b)fluoranthene205-99-20.116.8Benzo(k)fluoranthene207-08-90.116.8Benzo(g,h,i)perylene191-24-20.00551.8Chrysene218-01-90.0593.4Dibenz(a,h)anthracene53-70-30.0558.2Fluoranthene206-44-00.0683.4Indeno(1,2,3-cd)pyrene
193-39-50.00553.4Phenanthrene85-01-80.0595.6Pyrene129-00-00.0678.2Antimony7440-36-01.91.15 mg/l TCLPArsenic7440-38-21.426.1 mg/lBarium7440-39-31.221 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 TCLPLead7439-92-10.690.75 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 TCLPCyanide (Total)757-12-51.2590Cyanide (Amenable)757-12-50.8630Fluoride16984-48-835NA
K093

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

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

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

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

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

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

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

Chlordane (and isomers)57-74-90.00330.26Heptachlor76-44-80.00120.066Heptachlor epoxide1024-57-30.0160.066Hexachlorocyclopentadiene77-47-40.0572.4
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 acid94-75-70.7210HxCDDs (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
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-Nitroaniline88-74-40.2714Arsenic7440-38-21.45.0 mg/l TCLPCadmium7440-43-90.69NALead7439-92-10.69NAMercury7439-97-60.15NA
K102

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

o-Nitrophenol88-75-50.02813Arsenic7440-38-21.45.0 mg/l TCLPCadmium7440-43-90.69NALead7439-92-10.69NAMercury7439-97-60.15NA
K103

Process residues from aniline extraction from the production of aniline.

Aniline62-53-30.8114Benzene71-43-20.14102,4-Dinitrophenol51-28-50.12160Nitrobenzene98-95-30.06814Phenol108-95-20.0396.2
K104

Combined wastewater streams generated from nitrobenzene or aniline production.

Aniline62-53-30.8114Benzene71-43-20.14102,4-Dinitrophenol51-28-50.12160Nitrobenzene98-95-30.06814Phenol108-95-20.0396.2Cyanides (Total)757-12-51.2590
K105

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

Benzene71-43-20.1410Chlorobenzene108-90-70.0576.02-Chlorophenol95-57-80.0445.7o-Dichlorobenzene95-50-10.0886.0p-Dichlorobenzene106-46-70.0906.0Phenol108-95-20.0396.22,4,5-Trichlorophenol95-95-40.187.42,4,6-Trichlorophenol88-06-20.0357.4
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.

Mercury7439-97-6NARMERC
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.

Mercury7439-97-6NA0.20 mg/l TCLP
K106

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

Mercury7439-97-6NA0.025 mg/l TCLP
K106

All K106 wastewaters.

Mercury7439-97-60.15NA
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 (Total1330-20-70.3230
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 dicholoride or vinyl choloride 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 choloride 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 TCLPMercury7439-97-60.150.025 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-

xylidine)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.

Chloroacetaldehyde107-20-0(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P024

p-Chloroaniline.

p-Chloroaniline106-47-80.4616
P026

1-(o-Chlorophenyl)thiourea.

1-(o-Chlorophenyl)thiourea5344-82-1(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P027

3-Chloropropionitrile.

3-Chloropropionitrile542-76-7(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P028

Benzyl chloride.

Benzyl chloride100-44-7(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P029

Copper cyanide.

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

Cyanides (soluble salts and complexes).
Cyanides (Total)757-12-51.2590Cyanides (Amenable)757-12-50.8630
P031

Cyanogen.

Cyanogen460-19-5CHOXD; WETOX; or CMBSTCHOXD; WETOX; or CMBST
P033

Cyanogen chloride.

Cyanogen chloride506-77-4CHOXD; WETOX; or CMBSTCHOXD; WETOX; or CMBST
P034

2-Cyclohexyl-4,6-dinitrophenol.

2-Cyclohexyl-4,6-dinitrophenol131-89-5(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P036

Dichlorophenylarsine.

Arsenic7440-38-21.45.0 mg/l TCLP
P037

Dieldrin.

Dieldrin60-57-10.0170.13
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 ester624-83-9(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.

Mercury7439-97-6NAIMERC
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.

Mercury7339-97-6NARMERC
P065

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

Mercury7439-97-6NA0.20 mg/l TCLP
P065

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

Mercury7439-97-6NA0.025 mg/l TCLP
P065

All P065 (mercury fulminate) wastewaters.

Mercury7439-97-60.15NA
P066

Methomyl.

Methomyl16752-77-5(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P067

2-Methyl-aziridine.

2-Methyl-aziridine75-55-8(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P068

Methyl hydrazine.

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

2-Methyllactonitrile.

2-Methyllactonitrile
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 azide26628-22-8CHOXD; CHRED; CARBN; BIODG; or CMBSTCHOXD; CHRED; or CMBST
P106

Sodium cyanide.

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

Strychnine and salts.

Strychnine and salts57-24-9(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P109

Tetraethyldithiopyrophosphate.

Tetraethyldithiopyrophosphate3689-24-5CARBN; or CMBSTCMBST
P110

Tetraethyl lead.

Lead7439-92-10.690.75 mg/l TCLP
P111

Tetraethylpyrophosphate.

Tetraethylpyrophosphate107-49-3CARBN; or CMBSTCMBST
P112

Tetranitromethane.

Tetranitromethane509-14-8CHOXD; 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.

Selenium7782-49-20.825.7 mg/l TCLP
P115

Thallium (I) sulfate.

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

Thiosemicarbazide.

Thiosemicarbazide79-19-6(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P118

Trichloromethanethiol.

Trichloromethanethiol75-70-7(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P119

Ammonium vanadate.

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

Vanadium pentoxide.

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

Zinc cyanide.

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

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

Zinc Phosphide1314-84-7CHOXD; CHRED; or CMBSTCHOXD; CHRED; or CMBST
P123

Toxaphene.

Toxaphene8001-35-20.00952.6
P127

Carbofuran.

Carbofuran1563-66-20.0060.14
P128

Mexacarbate.

Mexacarbate315-18-40.0561.4
P185

Tirpate.10

Tirpate26419-73-80.0560.28
P188

Physostigimine salicylate.

Physostigmine salicylate57-64-70.0561.4
P189

Carbosulfan.

Carbosulfan55285-14-80.0281.4
P190

Metolcarb.

Metolcarb1129-41-50.0561.4
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.

Chlorambucil305-03-3(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U036

Chlordane.

Chlordane (and isomers)57-74-90.00330.26
U037

Chlorobenzene.

Chlorobenzene108-90-70.0576.0
U038

Chlorobenzilate.

Chlorobenzilate510-15-60.10CMBST
U039

p-Chloro-m-cresol.

p-Chloro-m-cresol59-50-70.01814
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 ether110-75-80.062CMBST
U043

Vinyl chloride.

Vinyl chloride75-01-40.276.0
U044

Chloroform.

Chloroform67-66-30.0466.0
U045

Chloromethane (Methyl chloride).

Chloromethane (Methyl chloride)74-87-30.1930
U046

Chloromethyl methyl ether.

Chloromethyl methyl ether107-30-2(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~~3
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.

Kepone143-50-80.00110.13
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-Nitrosopyrrolidine930-55-20.01335
U181

5-Nitro-o-toluidine.

5-Nitro-o-toluidine99-55-80.3228
U182

Paraldehyde.

Paraldehyde123-63-7(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U183

Pentachlorobenzene.

Pentachlorobenzene608-93-50.05510
U184

Pentachloroethane.

Pentachloroethane76-01-7(WETOX or CHOXD) fb CARBN; or CMBSTCMBSTPentachloroethane; alternate6 standards for both wastewaters and nonwastewaters76-01-70.0556.0
U185

Pentachloronitrobenzene.

Pentachloronitrobenzene82-68-80.0554.8
U186

1,3-Pentadiene.

1,3-Pentadiene504-60-9(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U187

Phenacetin.

Phenacetin62-44-20.08116
U188

Phenol.

Phenol108-95-20.0396.2
U189

Phosphorus sulfide.

Phosphorus sulfide1314-80-3CHOXD; CHRED; or CMBSTCHOXD; CHRED; or CMBST
U190

Phthalic anhydride.

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

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
~~Resorcinol~~

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.

Thioacetamide62-55-5(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U219

Thiourea.

Thiourea62-56-6(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U220

Toluene.

Toluene108-88-30.08010
U221

Toluenediamine.

Toluenediamine25376-45-8CARBN; or CMBSTCMBST
U222

o-Toluidine hydrochloride.

o-Toluidine hydrochloride636-21-5(WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U223

Toluene diisocyanate.

Toluene diisocyanate26471-62-5CARBN; or CMBSTCMBST
U225

Bromoform (Tribromomethane).

Bromoform (Tribromomethane)75-25-20.6315
U226
1,1,1-Trichloroethane.

1,1,1-Trichloroethane71-55-60.0546.0
U227

1,1,2-Trichloroethane.

1,1,2-Trichloroethane79-00-50.0546.0
U228

Trichloroethylene.

Trichloroethylene79-01-60.0546.0
U234
1,3,5-Trinitrobenzene.

1,3,5-Trinitrobenzene99-35-4(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 ~~=~~ ≥ 6.0.

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)90-04-00.0100.66Anthracene120-12-70.0593.4Aramite140-57-80.36NA-BHC319-84-60.000140.066-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-xylidine)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-
propylnitrosamine621-64-70.40141,4-Dioxane123-91-112.0170Diphenylamine
(difficult to distinguish from diphenylnitrosamine)122-39-
40.9213Diphenylnitrosamine (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-
64-70.0561.4Promecarb62631-37-00.0561.4Pronamide23950-58-50.0931.5Propham6122-

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~~

JCAR350728-1109727r01

~~POLLUTION CONTROL BOARD~~

~~NOTICE OF PROPOSED AMENDMENTS~~

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Deleted cell	
Moved cell	
Split/Merged cell	
Padding cell	

Statistics:	
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Insertions	15
Deletions	33
Moved from	0
Moved to	0
Style change	0
Format changed	0
Total changes	48

EXEMPT

JCAR350728-1109727r01

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

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

Section

SUBPART C: PROHIBITION ON LAND DISPOSAL

Section

SUBPART D: TREATMENT STANDARDS

SUBPART E: PROHIBITIONS ON STORAGE

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 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-buteneTrans-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-Thrichloropropane

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-chloroanaline)

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. Methoxyclor

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 (2010~~2005~~).

(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 LDRS[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[e]	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 D011or 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

[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 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

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

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

Section 728.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 Subcategory[1]

Regulated Hazardous Constituent		Wastewaters	Nonwastewaters
Common Name	CAS[2] Number	Concentration[3] in mg/ℓ; or Technology Code[4]	Concentration[5] in mg/kg unless noted as " mg/ℓ TCLP"; or Technology Code[4]
D001[9]			
Ignitable Characteristic Wastes, except for the 35 Ill. Adm. Code 721.121(a)(1) High TOC Subcategory.			
NA	NA	DEACT and meet Section 728.148 standards[8]; or RORGS; or CMBST	DEACT and meet Section 728.148 standards[8]; or RORGS; or CMBST
D001[9]			
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.)			
NA	NA	NA	RORGS; CMBST; or POLYM
D002[9]			
Corrosive Characteristic Wastes.			

NA	NA	DEACT and meet Section 728.148 standards[8]	DEACT and meet Section 728.148 standards[8]

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)	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

D003[9]

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

NA	NA	DEACT	DEACT

D003[9]

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

NA	NA	DEACT and meet Section 728.148 standards[8]	DEACT and meet Section 728.148 standards[8]

D003[9]

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

NA	NA	DEACT	DEACT

D003[9]

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

NA	NA	DEACT and meet Section 728.148 standards[8]	DEACT and meet Section 728.148 standards[8]

D003[9]

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.)

NA	NA	NA	DEACT and meet Section 728.148 standards[8]

D003[9]

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

Cyanides (Total)[7]	57-12-5	–	590
Cyanides (Amenable)[7]	57-12-5	0.86	30

D004[9]

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	7440-38-2	1.4 and meet Section 728.148 standards[8]	5.0 mg/ℓ TCLP and meet Section 728.148 standards[8]

D005[9]

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	7440-39-3	1.2 and meet Section 728.148 standards[8]	21 mg/ℓ TCLP and meet Section 728.148 standards[8]

D006[9]

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	7440-43-9	0.69 and meet Section 728.148 standards[8]	0.11 mg/ℓ TCLP and meet Section 728.148 standards[8]

D006[9]

Cadmium-Containing Batteries Subcategory.

(Note: This subcategory consists of nonwastewaters only.)

Cadmium	7440-43-9	NA	RTHRM

D006[9]

Radioactively contaminated cadmium-containing batteries.

(Note: This subcategory consists of nonwastewaters only.)

Cadmium	7440-43-9	NA	Macroencapsulation in accordance with Section 728.145

D007[9]

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)	7440-47-3	2.77 and meet Section 728.148 standards[8]	0.60 mg/ℓ TCLP and meet Section 728.148 standards[8]

D008[9]

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	7439-92-1	0.69 and meet Section 728.148 standards[8]	0.75 mg/ℓ TCLP and meet Section 728.148 standards[8]

D008[9]

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.)

Lead	7439-92-1	NA	RLEAD

D008[9]

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.)

Lead	7439-92-1	NA	MACRO

D009[9]

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)

Mercury	7439-97-6	NA	IMERC; or RMERC

D009[9]

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)

Mercury	7439-97-6	NA	RMERC

D009[9]

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)

Mercury	7439-97-6	NA	0.20 mg/ℓ TCLP and meet Section 728.148 standards[8]

D009[9]

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)

Mercury	7439-97-6	NA	0.025 mg/ℓ TCLP and meet Section 728.148 standards[8]

D009[9]

All D009 wastewaters.

Mercury	7439-97-6	0.15 and meet Section 728.148 standards[8]	NA

D009[9]

Elemental mercury contaminated with radioactive materials.

(Note: This subcategory consists of nonwastewaters only.)

Mercury	7439-97-6	NA	AMLGM

D009[9]

Hydraulic oil contaminated with Mercury Radioactive Materials Subcategory.

(Note: This subcategory consists of nonwastewaters only.)

Mercury	7439-97-6	NA	IMERC

D009[9]

Radioactively contaminated mercury-containing batteries.

(Note: This subcategory consists of nonwastewaters only.)

Mercury	7439-97-6	NA	Macroencapsulation in accordance with Section 728.145

D010[9]

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).

Selenium	7782-49-2	0.82	5.7 mg/ℓ TCLP and meet Section 728.148 standards[8]

D011[9]

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).

Silver	7440-22-4	0.43	0.14 mg/ℓ TCLP and meet Section 728.148 standards[8]

D011[9]

Radioactively contaminated silver-containing batteries.

(Note: This subcategory consists of nonwastewaters only.)

Silver	7440-22-4	NA	Macroencapsulation in accordance with Section 728.145

D012[9]

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).

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]

D013[9]

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).

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]

D014[9]

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).

Methoxychlor	72-43-5	WETOX or CMBST	0.18 and meet Section 728.148 standards[8]

D015[9]

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).

Toxaphene	8001-35-2	BIODG or CMBST	2.6 and meet Section 728.148 standards[8]

D016[9]

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)	94-75-7	CHOXD; BIODG; or CMBST	10 and meet Section 728.148 standards[8]

D017[9]

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)	93-72-1	CHOXD or CMBST	7.9 and meet Section 728.148 standards[8]

D018[9]

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	71-43-2	0.14 and meet Section 728.148 standards[8]	10 and meet Section 728.148 standards[8]

D019[9]

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	56-23-5	0.057 and meet Section 728.148 standards[8]	6.0 and meet Section 728.148 standards[8]

D020[9]

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 (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]

D021[9]

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	108-90-7	0.057 and meet Section 728.148 standards[8]	6.0 and meet Section 728.148 standards[8]

D022[9]

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	67-66-3	0.046 and meet Section 728.148 standards[8]	6.0 and meet Section 728.148 standards[8]

D023[9]

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	95-48-7	0.11 and meet Section 728.148 standards[8]	5.6 and meet Section 728.148 standards[8]

D024[9]

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)	108-39-4	0.77 and meet Section 728.148 standards[8]	5.6 and meet Section 728.148 standards[8]

D025[9]

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)	106-44-5	0.77 and meet Section 728.148 standards[8]	5.6 and meet Section 728.148 standards[8]

D026[9]

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)	1319-77-3	0.88 and meet Section 728.148 standards[8]	11.2 and meet Section 728.148 standards[8]

D027[9]

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)	106-46-7	0.090 and meet Section 728.148 standards[8]	6.0 and meet Section 728.148 standards[8]

D028[9]

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-Dichloroethane	107-06-2	0.21 and meet Section 728.148 standards[8]	6.0 and meet Section 728.148 standards[8]

D029[9]

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-Dichloroethylene	75-35-4	0.025 and meet Section 728.148 standards[8]	6.0 and meet Section 728.148 standards[8]

D030[9]

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-Dinitrotoluene	121-14-2	0.32 and meet Section 728.148 standards[8]	140 and meet Section 728.148 standards[8]

D031[9]

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).

Heptachlor	76-44-8	0.0012 and meet Section 728.148 standards[8]	0.066 and meet Section 728.148 standards[8]

Heptachlor epoxide	1024-57-3	0.016 and meet Section 728.148 standards[8]	0.066 and meet Section 728.148 standards[8]

D032[9]

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).

Hexachlorobenzene	118-74-1	0.055 and meet Section 728.148 standards[8]	10 and meet Section 728.148 standards[8]

D033[9]

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).

Hexachlorobutadiene	87-68-3	0.055 and meet Section 728.148 standards[8]	5.6 and meet Section 728.148 standards[8]

D034[9]

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).

Hexachloroethane	67-72-1	0.055 and meet Section 728.148 standards[8]	30 and meet Section 728.148 standards[8]

D035[9]

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 ketone	78-93-3	0.28 and meet Section 728.148 standards[8]	36 and meet Section 728.148 standards[8]

D036[9]

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).

Nitrobenzene	98-95-3	0.068 and meet Section 728.148 standards[8]	14 and meet Section 728.148 standards[8]

D037[9]

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	87-86-5	0.089 and meet Section 728.148 standards[8]	7.4 and meet Section 728.148 standards[8]

D038[9]

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	110-86-1	0.014 and meet Section 728.148 standards[8]	16 and meet Section 728.148 standards[8]

D039[9]

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	127-18-4	0.056 and meet Section 728.148 standards[8]	6.0 and meet Section 728.148 standards[8]

D040[9]

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	79-01-6	0.054 and meet Section 728.148 standards[8]	6.0 and meet Section 728.148 standards[8]

D041[9]

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	95-95-4	0.18 and meet Section 728.148 standards[8]	7.4 and meet Section 728.148 standards[8]

D042[9]

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	88-06-2	0.035 and meet Section 728.148 standards[8]	7.4 and meet Section 728.148 standards[8]

D043[9]

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	75-01-4	0.27 and meet Section 728.148 standards[8]	6.0 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	67-64-1	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 (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
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

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	75-15-0	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

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 CMBST	CMBST

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 CMBST	CMBST

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.

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

F007

Spent cyanide plating bath solutions from electroplating operations.

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

F008

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

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

F009

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

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

F010

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

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

F011

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

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

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)	7440-47-3	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

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)	7440-47-3	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

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	0.000063	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

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	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

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 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

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 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

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)	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

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)	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

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 penta-chlorophenol.

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

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.

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

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

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

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

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

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.).

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-xylidine)	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 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	79-34-6	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

K001

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

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

K002

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

Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP

K003

Wastewater treatment sludge from the production of molybdate orange pigments.

Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP

K004

Wastewater treatment sludge from the production of zinc yellow pigments.

Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP

K005

Wastewater treatment sludge from the production of chrome green pigments.

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

K006

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

Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP

K006

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

Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
Lead	7439-92-1	0.69	NA

K007

Wastewater treatment sludge from the production of iron blue pigments.

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

K008

Oven residue from the production of chrome oxide green pigments.

Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP

Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP

K009

Distillation bottoms from the production of acetaldehyde from ethylene.

Chloroform	67-66-3	0.046	6.0

K010

Distillation side cuts from the production of acetaldehyde from ethylene.

Chloroform	67-66-3	0.046	6.0

K011

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

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

K013

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

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

K014

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

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

K015

Still bottoms from the distillation of benzyl chloride.

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

K016

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

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

K017

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

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

K018

Heavy ends from the fractionation column in ethyl chloride production.

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

K019

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

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

K020

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

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

K021

Aqueous spent antimony catalyst waste from fluoromethanes production.

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

K022

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

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

K023

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

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

K024

Distillation bottoms from the production of phthalic anhydride from naphthalene.

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

K025

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

NA	NA	LLEXT fb SSTRP fb CARBN; or CMBST	CMBST

K026

Stripping still tails from the production of methyl ethyl pyridines.

NA	NA	CMBST	CMBST

K027

Centrifuge and distillation residues from toluene diisocyanate production.

NA	NA	CARBN; or CMBST	CMBST

K028

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

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

K029

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

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

K030

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

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

K031

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

Arsenic	7440-38-2	1.4	5.0 mg/ℓ TCLP

K032

Wastewater treatment sludge from the production of chlordane.

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

K033

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

Hexachlorocyclopentadiene	77-47-4	0.057	2.4

K034

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

Hexachlorocyclopentadiene	77-47-4	0.057	2.4

K035

Wastewater treatment sludges generated in the production of creosote.

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 (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
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

K036

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

Disulfoton	298-04-4	0.017	6.2

K037

Wastewater treatment sludges from the production of disulfoton.

Disulfoton	298-04-4	0.017	6.2
Toluene	108-88-3	0.080	10

K038

Wastewater from the washing and stripping of phorate production.

Phorate	298-02-2	0.021	4.6

K039

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

NA	NA	CARBN; or CMBST	CMBST

K040

Wastewater treatment sludge from the production of phorate.

Phorate	298-02-2	0.021	4.6

K041

Wastewater treatment sludge from the production of toxaphene.

Toxaphene	8001-35-2	0.0095	2.6

K042

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

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

K043

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

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

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
TCDDs (All Tetrachlorodibenzo-p-dioxins)	41903-57-5	0.000063	0.001
TCDFs (All Tetrachlorodibenzofurans)	55722-27-5	0.000063	0.001

K044

Wastewater treatment sludges from the manufacturing and processing of explosives.

NA	NA	DEACT	DEACT

K045

Spent carbon from the treatment of wastewater containing explosives.

NA	NA	DEACT	DEACT

K046

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

Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP

K047

Pink or red water from TNT operations.

NA	NA	DEACT	DEACT

K048

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

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

K049

Slop oil emulsion solids from the petroleum refining industry.

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

K050

Heat exchanger bundle cleaning sludge from the petroleum refining industry.

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

K051

API separator sludge from the petroleum refining industry.

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

K052

Tank bottoms (leaded) from the petroleum refining industry.

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 (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
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 (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

K060

Ammonia still lime sludge from coking operations.

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

K061

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

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

Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
Mercury	7439-97-6	NA	0.025 mg/ℓ TCLP
Nickel	7440-02-0	3.98	11 mg/ℓ TCLP
Selenium	7782-49-2	NA	5.7 mg/ℓ TCLP
Silver	7440-22-4	NA	0.14 mg/ℓ TCLP
Thallium	7440-28-0	NA	0.20 mg/ℓ TCLP
Zinc	7440-66-6	NA	4.3 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)	7440-47-3	2.77	0.60 mg/ℓ TCLP
Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
Nickel	7440-02-0	3.98	NA

K069

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

Cadmium	7440-43-9	0.69	0.11 mg/ℓ TCLP
Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP

K069

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

NA	NA	NA	RLEAD

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.

Mercury	7439-97-6	NA	0.20 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.

Mercury	7439-97-6	NA	0.025 mg/ℓ TCLP

K071

All K071 wastewaters.

Mercury	7439-97-6	0.15	NA

K073

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

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

K083

Distillation bottoms from aniline production.

Aniline	62-53-3	0.81	14
Benzene	71-43-2	0.14	10
Cyclohexanone	108-94-1	0.36	NA
Diphenylamine (difficult to distinguish from diphenylnitrosamine)	122-39-4	0.92	13
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

K084

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

Arsenic	7440-38-2	1.4	5.0 mg/ℓ TCLP

K085

Distillation or fractionation column bottoms from the production of chlorobenzenes.

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 (sum of all PCB isomers, or all Aroclors)	1336-36-3	0.10	10
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

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	67-64-1	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

K087

Decanter tank tar sludge from coking operations.

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

K088

Spent potliners from primary aluminum reduction.

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

K093

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

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

K094

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

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

K095

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

Hexachloroethane	67-72-1	0.055	30
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
1,1,2-Trichloroethane	79-00-5	0.054	6.0
Trichloroethylene	79-01-6	0.054	6.0

K096

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

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

K097

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

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

K098

Untreated process wastewater from the production of toxaphene.

Toxaphene	8001-35-2	0.0095	2.6

K099

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

2,4-Dichlorophenoxyacetic acid	94-75-7	0.72	10
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
TCDDs (All Tetrachlorodibenzo-p-dioxins)	41903-57-5	0.000063	0.001
TCDFs (All Tetrachlorodibenzofurans)	55722-27-5	0.000063	0.001

K100

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

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	88-74-4	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

K102

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

o-Nitrophenol	88-75-5	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

K103

Process residues from aniline extraction from the production of aniline.

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

K104

Combined wastewater streams generated from nitrobenzene or aniline production.

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

K105

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

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

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

K106

All K106 wastewaters.

Mercury	7439-97-6	0.15	NA

K107

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

NA	NA	CMBST; or CHOXD fb CARBN; or BIODG fb CARBN	CMBST

K108

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

NA	NA	CMBST; or CHOXD fb CARBN; or BIODG fb CARBN	CMBST

K109

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

NA	NA	CMBST; or CHOXD fb CARBN; or BIODG fb CARBN	CMBST

K110

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

NA	NA	CMBST; or CHOXD fb CARBN; or BIODG fb CARBN	CMBST

K111

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

2,4-Dinitrotoluene	121-14-2	0.32	140
2,6-Dinitrotoluene	606-20-2	0.55	28

K112

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

NA	NA	CMBST; or CHOXD fb CARBN; or BIODG fb CARBN	CMBST

K113

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

NA	NA	CARBN; or CMBST	CMBST

K114

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

NA	NA	CARBN; or CMBST	CMBST

K115

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

Nickel	7440-02-0	3.98	11 mg/ℓ TCLP
NA	NA	CARBN; or CMBST	CMBST

K116

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

NA	NA	CARBN; or CMBST	CMBST

K117

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

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

K118

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

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

K123

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

NA	NA	CMBST; or CHOXD fb (BIODG or CARBN)	CMBST

K124

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

NA	NA	CMBST; or CHOXD fb (BIODG or CARBN)	CMBST

K125

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

NA	NA	CMBST; 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.

NA	NA	CMBST; 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)	74-83-9	0.11	15

K132

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

Methyl bromide (Bromomethane)	74-83-9	0.11	15

K136

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

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

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).

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

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

K142

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

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
Indeno(1,2,3-cd)pyrene	193-39-5	0.0055	3.4

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.

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

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.

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

K145

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

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

K147

Tar storage tank residues from coal tar refining.

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

Indeno(1,2,3-cd)pyrene	193-39-5	0.0055	3.4

K148

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

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

K149

Distillation bottoms from the production of α- (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.)

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

K150

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

Carbon tetrachloride	56-23-5	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
1,1,2,2- Tetrachloroethane	79-34-5	0.057	6.0
Tetrachloroethylene	127-18-4	0.056	6.0
1,2,4-Trichlorobenzene	120-82-1	0.055	19

K151

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

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

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.)

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

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 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

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.)

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

K159

Organics from the treatment of thiocarbamate wastes.[10]

Benzene	71-43-2	0.14	10
Butylate	2008-41-5	0.042	1.4
EPTC (Eptam)	759-94-4	0.042	1.4
Molinate	2212-67-1	0.042	1.4
Pebulate	1114-71-2	0.042	1.4
Vernolate	1929-77-7	0.042	1.4

K161

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

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]

K169

Crude oil tank sediment from petroleum refining operations.

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

K170

Clarified slurry oil sediment from petroleum refining operations.

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

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)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

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.)

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 dicholoride or vinyl choloride			
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 choloride monomer using mercuric			
1766	chloride catalyst in an acetylene-based process.			
1767				
	Mercury[12]	7439-97-6	NA	0.025 mg/ℓ TCLP
	PH[12]		NA	pH ≤ 6.0

K175

All K175 wastewaters.

Mercury	7439-97-6	0.15	NA

K176

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

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

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).

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

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)	35822-46-9	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

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.

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

P001

Warfarin, & salts, when present at concentrations greater than 0.3 percent.			
Warfarin	81-81-2	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
P002			
1-Acetyl-2-thiourea.			
1-Acetyl-2-thiourea	591-08-2	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
P003			
Acrolein.			
Acrolein	107-02-8	0.29	CMBST
P004			
Aldrin.			
Aldrin	309-00-2	0.021	0.066
P005			
Allyl alcohol.			
Allyl alcohol	107-18-6	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
P006			
Aluminum phosphide.			
Aluminum phosphide	20859-73-8	CHOXD; CHRED; or CMBST	CHOXD; CHRED; or CMBST

P007			
5-Aminomethyl-3-isoxazolol.			
5-Aminomethyl-3-isoxazolol	2763-96-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
P008			
4-Aminopyridine.			
4-Aminopyridine	504-24-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
P009			
Ammonium picrate.			
Ammonium picrate	131-74-8	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST
P010			
Arsenic acid.			
Arsenic	7440-38-2	1.4	5.0 mg/ℓ TCLP
P011			
Arsenic pentoxide.			
Arsenic	7440-38-2	1.4	5.0 mg/ℓ TCLP
P012			
Arsenic trioxide.			

	Arsenic	7440-38-2	1.4	5.0 mg/ℓ TCLP
	P013			
	Barium cyanide.			
	Barium	7440-39-3	NA	21 mg/ℓ TCLP
	Cyanides (Total)[7]	57-12-5	1.2	590
	Cyanides (Amenable)[7]	57-12-5	0.86	30
	P014			
	Thiophenol (Benzene thiol).			
	Thiophenol (Benzene thiol)	108-98-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
	P015			
	Beryllium dust.			
	Beryllium	7440-41-7	RMETL;or RTHRM	RMETL; or RTHRM
	P016			
	Dichloromethyl ether (Bis(chloromethyl)ether).			
	Dichloromethyl ether	542-88-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
	P017			
	Bromoacetone.			
	Bromoacetone	598-31-2	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST

P018			
Brucine.			
Brucine	357-57-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
P020			
2-sec-Butyl-4,6-dinitrophenol (Dinoseb).			
2-sec-Butyl-4,6-dinitrophenol (Dinoseb)	88-85-7	0.066	2.5
P021			
Calcium cyanide.			
Cyanides (Total)[7]	57-12-5	1.2	590
Cyanides (Amenable)[7]	57-12-5	0.86	30
P022			
Carbon disulfide.			
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
P023			
Chloroacetaldehyde.			
Chloroacetaldehyde	107-20-0	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
P024			

p-Chloroaniline.			
p-Chloroaniline	106-47-8	0.46	16
P026			
1-(o-Chlorophenyl)thiourea.			
1-(o-Chlorophenyl)thiourea	5344-82-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
P027			
3-Chloropropionitrile.			
3-Chloropropionitrile	542-76-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
P028			
Benzyl chloride.			
Benzyl chloride	100-44-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
P029			
Copper cyanide.			
Cyanides (Total)[7]	57-12-5	1.2	590
Cyanides (Amenable)[7]	57-12-5	0.86	30
P030			
Cyanides (soluble salts and complexes).			
Cyanides (Total)[7]	57-12-5	1.2	590

	Cyanides (Amenable)[7]	57-12-5	0.86	30
1939				
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				

Arsenic	7440-38-2	1.4	5.0 mg/ℓ TCLP

P039

Disulfoton.

Disulfoton	298-04-4	0.017	6.2

P040

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

O,O-Diethyl-O-pyrazinylphosphorothioate	297-97-2	CARBN; or CMBST	CMBST

P041

Diethyl-p-nitrophenyl phosphate.

Diethyl-p-nitrophenyl phosphate	311-45-5	CARBN; or CMBST	CMBST

P042

Epinephrine.

Epinephrine	51-43-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST

P043

Diisopropylfluorophosphate (DFP).

Diisopropylfluorophosphate (DFP)	55-91-4	CARBN; or CMBST	CMBST

P044

Dimethoate.

	Dimethoate	60-51-5	CARBN; or CMBST	CMBST
1999				
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			

Dithiobiuret.			
Dithiobiuret	541-53-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
P050			
Endosulfan.			
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
P051			
Endrin.			
Endrin	72-20-8	0.0028	0.13
Endrin aldehyde	7421-93-4	0.025	0.13
P054			
Aziridine.			
Aziridine	151-56-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
P056			
Fluorine.			
Fluoride (measured in wastewaters only)	16964-48-8	35	ADGAS fb NEUTR
P057			
Fluoroacetamide.			

	Fluoroacetamide	640-19-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2054				
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				

Isocyanic acid, ethyl ester.

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

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	NA	IMERC

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	NA	RMERC

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	7439-97-6	0.15	NA

P066

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-Methyllactonitrile.			
2132				
	2-Methyllactonitrile	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			

Methyl parathion.			
Methyl parathion	298-00-0	0.014	4.6
P072			
1-Naphthyl-2-thiourea.			
1-Naphthyl-2-thiourea	86-88-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
P073			
Nickel carbonyl.			
Nickel	7440-02-0	3.98	11 mg/ℓ TCLP
P074			
Nickel cyanide.			
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
P075			
Nicotine and salts.			
Nicotine and salts	54-11-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
P076			
Nitric oxide.			
Nitric oxide	10102-43-9	ADGAS	ADGAS

P077			
p-Nitroaniline.			
p-Nitroaniline	100-01-6	0.028	28
P078			
Nitrogen dioxide.			
Nitrogen dioxide	10102-44-0	ADGAS	ADGAS
P081			
Nitroglycerin.			
Nitroglycerin	55-63-0	CHOXD; CHRED; CARBN; BIODG or CMBST	CHOXD; CHRED; or CMBST
P082			
N-Nitrosodimethylamine.			
N-Nitrosodimethylamine	62-75-9	0.40	2.3
P084			
N-Nitrosomethylvinylamine.			
N-Nitrosomethylvinylamine	4549-40-0	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
P085			
Octamethylpyrophosphoramide.			
Octamethylpyrophosphoramide	152-16-9	CARBN; or CMBST	CMBST
P087			

Osmium tetroxide.			
Osmium tetroxide	20816-12-0	RMETL; or RTHRM	RMETL; or RTHRM
P088			
Endothall.			
Endothall	145-73-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
P089			
Parathion.			
Parathion	56-38-2	0.014	4.6
P092			
P092 (phenyl mercuric acetate) nonwastewaters, regardless of their total mercury content, that are not incinerator residues or are not residues from RMERC.			
Mercury	7439-97-6	NA	IMERC; 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.			
Mercury	7439-97-6	NA	RMERC
P092			
P092 (phenyl mercuric acetate) 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

P092			
P092 (phenyl mercuric acetate) nonwastewaters that are incinerator residues and contain less than 260 mg/kg total mercury.			
Mercury	7439-97-6	NA	0.025 mg/ℓ TCLP
P092			
All P092 (phenyl mercuric acetate) wastewaters.			
Mercury	7439-97-6	0.15	NA
P093			
Phenylthiourea.			
Phenylthiourea	103-85-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
P094			
Phorate.			
Phorate	298-02-2	0.021	4.6
P095			
Phosgene.			
Phosgene	75-44-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
P096			
Phosphine.			
Phosphine	7803-51-2	CHOXD; CHRED; or CMBST	CHOXD; CHRED; or CMBST

P097			
Famphur.			
Famphur	52-85-7	0.017	15
P098			
Potassium cyanide.			
Cyanides (Total)[7]	57-12-5	1.2	590
Cyanides (Amenable)[7]	57-12-5	0.86	30
P099			
Potassium silver cyanide.			
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
P101			
Ethyl cyanide (Propanenitrile).			
Ethyl cyanide (Propanenitrile)	107-12-0	0.24	360
P102			
Propargyl alcohol.			
Propargyl alcohol	107-19-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
P103			
Selenourea.			
Selenium	7782-49-2	0.82	5.7 mg/ℓ TCLP

P104			
Silver cyanide.			
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
P105			
Sodium azide.			
Sodium azide	26628-22-8	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST
P106			
Sodium cyanide.			
Cyanides (Total)[7]	57-12-5	1.2	590
Cyanides (Amenable)[7]	57-12-5	0.86	30
P108			
Strychnine and salts.			
Strychnine and salts	57-24-9	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
P109			
Tetraethyldithiopyrophosphate.			
Tetraethyldithiopyrophosphate	3689-24-5	CARBN; or CMBST	CMBST
P110			
Tetraethyl lead.			

Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
P111			
Tetraethylpyrophosphate.			
Tetraethylpyrophosphate	107-49-3	CARBN; or CMBST	CMBST
P112			
Tetranitromethane.			
Tetranitromethane	509-14-8	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST
P113			
Thallic oxide.			
Thallium (measured in wastewaters only)	7440-28-0	1.4	RTHRM; or STABL
P114			
Thallium selenite.			
Selenium	7782-49-2	0.82	5.7 mg/ℓ TCLP
P115			
Thallium (I) sulfate.			
Thallium (measured in wastewaters only)	7440-28-0	1.4	RTHRM; or STABL
P116			
Thiosemicarbazide.			

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

P118

Trichloromethanethiol.

	Trichloromethanethiol	75-70-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST

P119

Ammonium vanadate.

	Vanadium (measured in wastewaters only)	7440-62-2	4.3	STABL

P120

Vanadium pentoxide.

	Vanadium (measured in wastewaters only)	7440-62-2	4.3	STABL

P121

Zinc cyanide.

	Cyanides (Total)[7]	57-12-5	1.2	590
	Cyanides (Amenable)[7]	57-12-5	0.86	30

P122

Zinc phosphide Zn_3P_2, when present at concentrations greater than 10 percent.

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

P123

Toxaphene.			
Toxaphene	8001-35-2	0.0095	2.6
P127			
Carbofuran.			
Carbofuran	1563-66-2	0.006	0.14
P128			
Mexacarbate.			
Mexacarbate	315-18-4	0.056	1.4
P185			
Tirpate.[10]			
Tirpate	26419-73-8	0.056	0.28
P188			
Physostigimine salicylate.			
Physostigmine salicylate	57-64-7	0.056	1.4
P189			
Carbosulfan.			
Carbosulfan	55285-14-8	0.028	1.4
P190			
Metolcarb.			
Metolcarb	1129-41-5	0.056	1.4
P191			

Dimetilan.[10]				
	Dimetilan	644-64-4	0.056	1.4
P192				
Isolan.[10]				
	Isolan	119-38-0	0.056	1.4
P194				
Oxamyl.				
	Oxamyl	23135-22-0	0.056	0.28
P196				
Manganese dimethyldithiocarbamates (total).				
	Dithiocarbamates (total)	NA	0.028	28
P197				
Formparanate.[10]				
	Formparanate	17702-57-7	0.056	1.4
P198				
Formetanate hydrochloride.				
	Formetanate hydrochloride	23422-53-9	0.056	1.4
P199				
Methiocarb.				
	Methiocarb	2032-65-7	0.056	1.4
P201				
Promecarb.				

	Promecarb	2631-37-0	0.056	1.4
2451				
2452	P202			
2453				
2454	m-Cumenyl methylcarbamate.			
2455				
	m-Cumenyl methylcarbamate	64-00-6	0.056	1.4
2456				
2457	P203			
2458				
2459	Aldicarb sulfone.			
2460				
	Aldicarb sulfone	1646-88-4	0.056	0.28
2461				
2462	P204			
2463				
2464	Physostigmine.			
2465				
	Physostigmine	57-47-6	0.056	1.4
2466				
2467	P205			
2468				
2469	Ziram.			
2470				
	Dithiocarbamates (total)	NA	0.028	28
2471				
2472	U001			
2473				
2474	Acetaldehyde.			
2475				
	Acetaldehyde	75-07-0	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2476				
2477	U002			
2478				
2479	Acetone.			
2480				
	Acetone	67-64-1	0.28	160
2481				
2482	U003			
2483				

	Acetonitrile.			
	Acetonitrile	75-05-8	5.6	CMBST
	Acetonitrile; alternate[6] standard for nonwastewaters only	75-05-8	NA	38
	U004			
	Acetophenone.			
	Acetophenone	98-86-2	0.010	9.7
	U005			
	2-Acetylaminofluorene.			
	2-Acetylaminofluorene	53-96-3	0.059	140
	U006			
	Acetyl chloride.			
	Acetyl chloride	75-36-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
	U007			
	Acrylamide.			
	Acrylamide	79-06-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
	U008			
	Acrylic acid.			

	Acrylic acid	79-10-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
	U009			
	Acrylonitrile.			
	Acrylonitrile	107-13-1	0.24	84
	U010			
	Mitomycin C.			
	Mitomycin C	50-07-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
	U011			
	Amitrole.			
	Amitrole	61-82-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
	U012			
	Aniline.			
	Aniline	62-53-3	0.81	14
	U014			
	Auramine.			
	Auramine	492-80-8	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST

U015				
Azaserine.				
	Azaserine	115-02-6	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U016				
Benz(c)acridine.				
	Benz(c)acridine	225-51-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U017				
Benzal chloride.				
	Benzal chloride	98-87-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U018				
Benz(a)anthracene.				
	Benz(a)anthracene	56-55-3	0.059	3.4
U019				
Benzene.				
	Benzene	71-43-2	0.14	10
U020				
Benzenesulfonyl chloride.				

	Benzenesulfonyl chloride	98-09-9	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
	U021			
	Benzidine.			
	Benzidine	92-87-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
	U022			
	Benzo(a)pyrene.			
	Benzo(a)pyrene	50-32-8	0.061	3.4
	U023			
	Benzotrichloride.			
	Benzotrichloride	98-07-7	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST
	U024			
	bis(2-Chloroethoxy)methane.			
	bis(2-Chloroethoxy)methane	111-91-1	0.036	7.2
	U025			
	bis(2-Chloroethyl)ether.			
	bis(2-Chloroethyl)ether	111-44-4	0.033	6.0
	U026			

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

U033

Carbon oxyfluoride.

Carbon oxyfluoride	353-50-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST

U034

Trichloroacetaldehyde (Chloral).

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

U035

Chlorambucil.

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

U036

Chlordane.

Chlordane (α and χ isomers)	57-74-9	0.0033	0.26

U037

Chlorobenzene.

Chlorobenzene	108-90-7	0.057	6.0

U038

Chlorobenzilate.

Chlorobenzilate	510-15-6	0.10	CMBST

U039

p-Chloro-m-cresol.

p-Chloro-m-cresol	59-50-7	0.018	14

U041

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

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

U042

2-Chloroethyl vinyl ether.

2-Chloroethyl vinyl ether	110-75-8	0.062	CMBST

U043

Vinyl chloride.

Vinyl chloride	75-01-4	0.27	6.0

U044

Chloroform.

Chloroform	67-66-3	0.046	6.0

U045

Chloromethane (Methyl chloride).

Chloromethane (Methyl chloride)	74-87-3	0.19	30

U046

Chloromethyl methyl ether.

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

U047

2-Chloronaphthalene.

2-Chloronaphthalene	91-58-7	0.055	5.6

U048

2-Chlorophenol.

2-Chlorophenol	95-57-8	0.044	5.7

U049

4-Chloro-o-toluidine hydrochloride.

4-Chloro-o-toluidine hydrochloride	3165-93-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST

U050

Chrysene.

Chrysene	218-01-9	0.059	3.4

U051

Creosote.

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

U052

Cresols (Cresylic acid).

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

U053

Crotonaldehyde.

Crotonaldehyde	4170-30-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST

U055

Cumene.

Cumene	98-82-8	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST

U056

Cyclohexane.

	Cyclohexane	110-82-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
	U057			
	Cyclohexanone.			
	Cyclohexanone	108-94-1	0.36	CMBST
	Cyclohexanone; alternate[6] standard for nonwastewaters only	108-94-1	NA	0.75 mg/ℓ TCLP
	U058			
	Cyclophosphamide.			
	Cyclophosphamide	50-18-0	CARBN; or CMBST	CMBST
	U059			
	Daunomycin.			
	Daunomycin	20830-81-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
	U060			
	DDD.			
	o,p'-DDD	53-19-0	0.023	0.087
	p,p'-DDD	72-54-8	0.023	0.087
	U061			
	DDT.			
	o,p'-DDT	789-02-6	0.0039	0.087
	p,p'-DDT	50-29-3	0.0039	0.087

	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

U062

Diallate.

Diallate	2303-16-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST

U063

Dibenz(a,h)anthracene.

Dibenz(a,h)anthracene	53-70-3	0.055	8.2

U064

Dibenz(a,i)pyrene.

Dibenz(a,i)pyrene	189-55-9	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST

U066

1,2-Dibromo-3-chloropropane.

1,2-Dibromo-3-chloropropane	96-12-8	0.11	15

U067

Ethylene dibromide (1,2-Dibromoethane).

Ethylene dibromide (1,2-Dibromoethane)	106-93-4	0.028	15

U068

Dibromomethane.				
	Dibromomethane	74-95-3	0.11	15
U069				
Di-n-butyl phthalate.				
	Di-n-butyl phthalate	84-74-2	0.057	28
U070				
o-Dichlorobenzene.				
	o-Dichlorobenzene	95-50-1	0.088	6.0
U071				
m-Dichlorobenzene.				
	m-Dichlorobenzene	541-73-1	0.036	6.0
U072				
p-Dichlorobenzene.				
	p-Dichlorobenzene	106-46-7	0.090	6.0
U073				
3,3'-Dichlorobenzidine.				
	3,3'-Dichlorobenzidine	91-94-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U074				
1,4-Dichloro-2-butene.				

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

U075

Dichlorodifluoromethane.

Dichlorodifluoromethane	75-71-8	0.23	7.2

U076

1,1-Dichloroethane.

1,1-Dichloroethane	75-34-3	0.059	6.0

U077

1,2-Dichloroethane.

1,2-Dichloroethane	107-06-2	0.21	6.0

U078

1,1-Dichloroethylene.

1,1-Dichloroethylene	75-35-4	0.025	6.0

U079

1,2-Dichloroethylene.

trans-1,2-Dichloroethylene	156-60-5	0.054	30

U080

Methylene chloride.

	Methylene chloride	75-09-2	0.089	30
2851				
2852	U081			
2853				
2854	2,4-Dichlorophenol.			
2855				
	2,4-Dichlorophenol	120-83-2	0.044	14
2856				
2857	U082			
2858				
2859	2,6-Dichlorophenol.			
2860				
	2,6-Dichlorophenol	87-65-0	0.044	14
2861				
2862	U083			
2863				
2864	1,2-Dichloropropane.			
2865				
	1,2-Dichloropropane	78-87-5	0.85	18
2866				
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

U087

O,O-Diethyl-S-methyldithiophosphate.

O,O-Diethyl-S-methyldithiophosphate	3288-58-2	CARBN; or CMBST	CMBST

U088

Diethyl phthalate.

Diethyl phthalate	84-66-2	0.20	28

U089

Diethyl stilbestrol.

Diethyl stilbestrol	56-53-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST

U090

Dihydrosafrole.

Dihydrosafrole	94-58-6	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST

U091

3,3'-Dimethoxybenzidine.

3,3'-Dimethoxybenzidine	119-90-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST

U092

Dimethylamine.

Dimethylamine	124-40-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST

U093

p-Dimethylaminoazobenzene.

p-Dimethylaminoazobenzene	60-11-7	0.13	CMBST

U094

7,12-Dimethylbenz(a)anthracene.

7,12-Dimethylbenz(a)anthracene	57-97-6	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST

U095

3,3'-Dimethylbenzidine.

3,3'-Dimethylbenzidine	119-93-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST

U096

α, α-Dimethyl benzyl hydroperoxide.

α, α-Dimethyl benzyl hydroperoxide	80-15-9	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST

U097

Dimethylcarbamoyl chloride.

	Dimethylcarbamoyl chloride	79-44-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2936				
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				
2967	U106			
2968				
2969	2,6-Dinitrotoluene.			
2970	2,6-Dinitrotoluene	606-20-2	0.55	28
2971				
2972	U107			
2973				
2974	Di-n-octyl phthalate.			
2975	Di-n-octyl phthalate	117-84-0	0.017	28
2976				
2977	U108			
2978				
2979	1,4-Dioxane.			
2980	1,4-Dioxane	123-91-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
	1,4-Dioxane; alternate[6] standard for nonwastewaters only	123-91-1	12.0	170
2981				
2982	U109			
2983				
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				
2987	U110			
2988				
2989	Dipropylamine.			
2990				

	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

	Ethylene oxide; alternate[6] standard for wastewaters only	75-21-8	0.12	NA
	U116			
	Ethylene thiourea.			
	Ethylene thiourea	96-45-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
	U117			
	Ethyl ether.			
	Ethyl ether	60-29-7	0.12	160
	U118			
	Ethyl methacrylate.			
	Ethyl methacrylate	97-63-2	0.14	160
	U119			
	Ethyl methane sulfonate.			
	Ethyl methane sulfonate	62-50-0	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
	U120			
	Fluoranthene.			
	Fluoranthene	206-44-0	0.068	3.4
	U121			
	Trichloromonofluoromethane.			

	Trichloromonofluoromethane	75-69-4	0.020	30

U122

Formaldehyde.

Formaldehyde	50-00-0	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST

U123

Formic acid.

Formic acid	64-18-6	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST

U124

Furan.

Furan	110-00-9	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST

U125

Furfural.

Furfural	98-01-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST

U126

Glycidylaldehyde.

	Glycidylaldehyde	765-34-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST

U127

Hexachlorobenzene.

Hexachlorobenzene	118-74-1	0.055	10

U128

Hexachlorobutadiene.

Hexachlorobutadiene	87-68-3	0.055	5.6

U129

Lindane.

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

U130

Hexachlorocyclopentadiene.

Hexachlorocyclopentadiene	77-47-4	0.057	2.4

U131

Hexachloroethane.

Hexachloroethane	67-72-1	0.055	30

U132

Hexachlorophene.

	Hexachlorophene	70-30-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST

U133

Hydrazine.

Hydrazine	302-01-2	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST

U134

Hydrogen fluoride.

Fluoride (measured in wastewaters only)	7664-39-3	35	ADGAS fb NEUTR; or NEUTR

U135

Hydrogen sulfide.

Hydrogen sulfide	7783-06-4	CHOXD; CHRED; or CMBST	CHOXD; CHRED; or CMBST

U136

Cacodylic acid.

Arsenic	7440-38-2	1.4	5.0 mg/ℓ TCLP

U137

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

Indeno(1,2,3-cd)pyrene	193-39-5	0.0055	3.4

U138

Iodomethane.				
	Iodomethane	74-88-4	0.19	65
U140				
Isobutyl alcohol.				
	Isobutyl alcohol	78-83-1	5.6	170
U141				
Isosafrole.				
	Isosafrole	120-58-1	0.081	2.6
U142				
Kepone.				
	Kepone	143-50-8	0.0011	0.13
U143				
Lasiocarpine.				
	Lasiocarpine	303-34-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U144				
Lead acetate.				
	Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
U145				
Lead phosphate.				
	Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP

U146			
Lead subacetate.			
Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
U147			
Maleic anhydride.			
Maleic anhydride	108-31-6	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U148			
Maleic hydrazide.			
Maleic hydrazide	123-33-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U149			
Malononitrile.			
Malononitrile	109-77-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U150			
Melphalan.			
Melphalan	148-82-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST

U151

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

Mercury	7439-97-6	NA	RMERC

U151

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

Mercury	7439-97-6	NA	0.20 mg/ℓ TCLP

U151

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

Mercury	7439-97-6	NA	0.025 mg/ℓ TCLP

U151

All U151 (mercury) wastewater.

Mercury	7439-97-6	0.15	NA

U151

Elemental Mercury Contaminated with Radioactive Materials.

Mercury	7439-97-6	NA	AMLGM

U152

Methacrylonitrile.

Methacrylonitrile	126-98-7	0.24	84

U153

Methanethiol.

	Methanethiol	74-93-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
	U154			
	Methanol.			
	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
	U155			
	Methapyrilene.			
	Methapyrilene	91-80-5	0.081	1.5
	U156			
	Methyl chlorocarbonate.			
	Methyl chlorocarbonate	79-22-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
	U157			
	3-Methylcholanthrene.			
	3-Methylcholanthrene	56-49-5	0.0055	15
	U158			
	4,4'-Methylene bis(2-chloroaniline).			

	4,4'-Methylene bis(2-chloroaniline)	101-14-4	0.50	30
3249				
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				

p-Nitrophenol.				
p-Nitrophenol	100-02-7	0.12	29	
U171				
2-Nitropropane.				
2-Nitropropane	79-46-9	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST	
U172				
N-Nitrosodi-n-butylamine.				
N-Nitrosodi-n-butylamine	924-16-3	0.40	17	
U173				
N-Nitrosodiethanolamine.				
N-Nitrosodiethanolamine	1116-54-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST	
U174				
N-Nitrosodiethylamine.				
N-Nitrosodiethylamine	55-18-5	0.40	28	
U176				
N-Nitroso-N-ethylurea.				
N-Nitroso-N-ethylurea	759-73-9	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST	

U177				
N-Nitroso-N-methylurea.				
	N-Nitroso-N-methylurea	684-93-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U178				
N-Nitroso-N-methylurethane.				
	N-Nitroso-N-methylurethane	615-53-2	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U179				
N-Nitrosopiperidine.				
	N-Nitrosopiperidine	100-75-4	0.013	35
U180				
N-Nitrosopyrrolidine.				
	N-Nitrosopyrrolidine	930-55-2	0.013	35
U181				
5-Nitro-o-toluidine.				
	5-Nitro-o-toluidine	99-55-8	0.32	28
U182				
Paraldehyde.				

	Paraldehyde	123-63-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
	U183			
	Pentachlorobenzene.			
	Pentachlorobenzene	608-93-5	0.055	10
	U184			
	Pentachloroethane.			
	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
	U185			
	Pentachloronitrobenzene.			
	Pentachloronitrobenzene	82-68-8	0.055	4.8
	U186			
	1,3-Pentadiene.			
	1,3-Pentadiene	504-60-9	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
	U187			
	Phenacetin.			
	Phenacetin	62-44-2	0.081	16

U188			
Phenol.			
Phenol	108-95-2	0.039	6.2
U189			
Phosphorus sulfide.			
Phosphorus sulfide	1314-80-3	CHOXD; CHRED; or CMBST	CHOXD; CHRED; or CMBST
U190			
Phthalic anhydride.			
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
U191			
2-Picoline.			
2-Picoline	109-06-8	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U192			
Pronamide.			
Pronamide	23950-58-5	0.093	1.5
U193			
1,3-Propane sultone.			

	1,3-Propane sultone	1120-71-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST

U194

n-Propylamine.

	n-Propylamine	107-10-8	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST

U196

Pyridine.

	Pyridine	110-86-1	0.014	16

U197

p-Benzoquinone.

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

U200

Reserpine.

	Reserpine	50-55-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST

U201

Resorcinol.

	Resorcinol.	108-46-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
	~~U202~~			
	~~Saccharin and salts.~~			
	~~Saccharin~~	~~81-07-2~~	~~(WETOX or CHOXD) fb CARBN; or CMBST~~	~~CMBST~~
	U203			
	Safrole.			
	Safrole	94-59-7	0.081	22
	U204			
	Selenium dioxide.			
	Selenium	7782-49-2	0.82	5.7 mg/ℓ TCLP
	U205			
	Selenium sulfide.			
	Selenium	7782-49-2	0.82	5.7 mg/ℓ TCLP
	U206			
	Streptozotocin.			
	Streptozotocin	18883-66-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
	U207			

1,2,4,5-Tetrachlorobenzene.				
	1,2,4,5-Tetrachlorobenzene	95-94-3	0.055	14
U208				
1,1,1,2-Tetrachloroethane.				
	1,1,1,2-Tetrachloroethane	630-20-6	0.057	6.0
U209				
1,1,2,2-Tetrachloroethane.				
	1,1,2,2-Tetrachloroethane	79-34-5	0.057	6.0
U210				
Tetrachloroethylene.				
	Tetrachloroethylene	127-18-4	0.056	6.0
U211				
Carbon tetrachloride.				
	Carbon tetrachloride	56-23-5	0.057	6.0
U213				
Tetrahydrofuran.				
	Tetrahydrofuran	109-99-9	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U214				
Thallium (I) acetate.				
	Thallium (measured in wastewaters only)	7440-28-0	1.4	RTHRM; or STABL

U215				
Thallium (I) carbonate.				
	Thallium (measured in wastewaters only)	7440-28-0	1.4	RTHRM; or STABL
U216				
Thallium (I) chloride.				
	Thallium (measured in wastewaters only)	7440-28-0	1.4	RTHRM; or STABL
U217				
Thallium (I) nitrate.				
	Thallium (measured in wastewaters only)	7440-28-0	1.4	RTHRM; or STABL
U218				
Thioacetamide.				
	Thioacetamide	62-55-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U219				
Thiourea.				
	Thiourea	62-56-6	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U220				
Toluene.				

	Toluene	108-88-3	0.080	10
	U221			
	Toluenediamine.			
	Toluenediamine	25376-45-8	CARBN; or CMBST	CMBST
	U222			
	o-Toluidine hydrochloride.			
	o-Toluidine hydrochloride	636-21-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
	U223			
	Toluene diisocyanate.			
	Toluene diisocyanate	26471-62-5	CARBN; or CMBST	CMBST
	U225			
	Bromoform (Tribromomethane).			
	Bromoform (Tribromomethane)	75-25-2	0.63	15
	U226			
	1,1,1-Trichloroethane.			
	1,1,1-Trichloroethane	71-55-6	0.054	6.0
	U227			
	1,1,2-Trichloroethane.			
	1,1,2-Trichloroethane	79-00-5	0.054	6.0

U228

Trichloroethylene.

Trichloroethylene	79-01-6	0.054	6.0

U234

1,3,5-Trinitrobenzene.

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

U235

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

tris-(2,3-Dibromopropyl)-phosphate	126-72-7	0.11	0.10

U236

Trypan Blue.

Trypan Blue	72-57-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST

U237

Uracil mustard.

Uracil mustard	66-75-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST

U238

Urethane (Ethyl carbamate).

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

U239

Xylenes.

Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations)	1330-20-7	0.32	30

U240

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

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

U243

Hexachloropropylene.

Hexachloropropylene	1888-71-7	0.035	30

U244

Thiram.

Thiram	137-26-8	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST

U246

Cyanogen bromide.

	Cyanogen bromide	506-68-3	CHOXD; WETOX; or CMBST	CHOXD; WETOX; or CMBST
3617				
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

U280				
Barban.				
	Barban	101-27-9	0.056	1.4
U328				
o-Toluidine.				
	o-Toluidine	95-53-4	CMBST; or CHOXD fb (BIODG or CARBN); or BIODG fb CARBN	CMBST
U353				
p-Toluidine.				
	p-Toluidine	106-49-0	CMBST; or CHOXD fb (BIODG or CARBN); or BIODG fb CARBN	CMBST
U359				
2-Ethoxyethanol.				
	2-Ethoxyethanol	110-80-5	CMBST; or CHOXD fb (BIODG or CARBN); or BIODG fb CARBN	CMBST
U364				
Bendiocarb phenol.[10]				

Bendiocarb phenol	22961-82-6	0.056	1.4

U367

Carbofuran phenol.

Carbofuran phenol	1563-38-8	0.056	1.4

U372
Carbendazim.

Carbendazim	10605-21-7	0.056	1.4

U373

Propham.

Propham	122-42-9	0.056	1.4

U387

Prosulfocarb.

Prosulfocarb	52888-80-9	0.042	1.4

U389

Triallate.

Triallate	2303-17-5	0.042	1.4

U394

A2213.[10]

A2213	30558-43-1	0.042	1.4

U395

Diethylene glycol, dicarbamate.[10]

Diethylene glycol, dicarbamate	5952-26-1	0.056	1.4

U404

Triethylamine.

Triethylamine	101-44-8	0.081	1.5

U409

Thiophanate-methyl.

Thiophanate-methyl	23564-05-8	0.056	1.4

U410

Thiodicarb.

Thiodicarb	59669-26-0	0.019	1.4

U411

Propoxur.

Propoxur	114-26-1	0.056	1.4

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≤6.0.

BOARD NOTE: Derived from table to 40 CFR 268.40 (20102~~2007~~).

NA means not applicable.

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

Section 728.TABLE U Universal Treatment Standards (UTS)

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-xylidine)	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

[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) (20102~~2007~~).

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