

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

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

<u>Section Numbers</u> :	<u>Proposed Action</u> :
728.Table T	Amendment
728.Table U	Amendment
- 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 R12-7 rulemaking that also affects 35 Ill. Adm. Code 720 and 722, 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 R12-7 rulemaking in this issue of the *Illinois Register* only in the answer to question 5 in the Notice of Adopted Amendments for 35 Ill. Adm. Code 720. A comprehensive description is contained in the Board's opinion and order of January 5, 2012, proposing amendments in docket R12-7, which opinion and order is available from the address below.

RECEIVED
CLERK'S OFFICE
FEB 01 2012
STATE OF ILLINOIS
Pollution Control Board

Specifically, the amendments to Part 728 implement segments of the federal amendments of June 13, 2011. The amendments revise the land disposal restrictions (LDRs) applicable to carbamate wastes to allow the use of best demonstrated available technologies (BDAT) for treating carbamate wastes instead of applying the existing numerical concentration limits for contaminants.

Tables appear in the Board's opinion and order of January 5, 2012 in docket R12-7 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 January 5, 2012 opinion and order in docket R12-7.

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 IAPA, it is not subject to First Notice or to Second Notice review by the Joint Committee on Administrative Rules (JCAR).

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

- 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
- 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 R12-7 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 R12-7:

Michael J. McCambridge
Staff Attorney
Illinois Pollution Control Board
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

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

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 2011

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

RECEIVED
CLERK'S OFFICE
FEB 01 2012
STATE OF ILLINOIS
Pollution Control Board

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

SUBPART E: PROHIBITIONS ON STORAGE

Section

- 728.150 Prohibitions on Storage of Restricted Wastes

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

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

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

amended in R95-6 at 19 Ill. Reg. 9660, effective June 27, 1995; amended in R95-20 at 20 Ill. Reg. 11100, effective August 1, 1996; amended in R96-10/R97-3/R97-5 at 22 Ill. Reg. 783, effective December 16, 1997; amended in R98-12 at 22 Ill. Reg. 7685, effective April 15, 1998; amended in R97-21/R98-3/R98-5 at 22 Ill. Reg. 17706, effective September 28, 1998; amended in R98-21/R99-2/R99-7 at 23 Ill. Reg. 1964, effective January 19, 1999; amended in R99-15 at 23 Ill. Reg. 9204, effective July 26, 1999; amended in R00-13 at 24 Ill. Reg. 9623, effective June 20, 2000; amended in R01-3 at 25 Ill. Reg. 1296, effective January 11, 2001; amended in R01-21/R01-23 at 25 Ill. Reg. 9181, effective July 9, 2001; amended in R02-1/R02-12/R02-17 at 26 Ill. Reg. 6687, effective April 22, 2002; amended in R03-18 at 27 Ill. Reg. 13045, effective July 17, 2003; amended in R05-8 at 29 Ill. Reg. 6049, effective April 13, 2005; amended in R06-5/R06-6/R06-7 at 30 Ill. Reg. 3800, effective February 23, 2006; amended in R06-16/R06-17/R06-18 at 31 Ill. Reg. 1254, effective December 20, 2006; amended in R07-5/R07-14 at 32 Ill. Reg. 12840, effective July 14, 2008; amended in R09-3 at 33 Ill. Reg. 1186, effective December 30, 2008; amended in R11-2/R11-16 at 35 Ill. Reg. 18131, effective October 14, 2011; amended in R12-7 at 36 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 Constituent² Wastewaters³ Nonwastewaters⁴ Common Name⁵ CAS⁶
Number⁷ Concentration⁸ in mg/l; or Technology Code⁹ Concentration⁵ in mg/kg unless
noted as " mg/l TCLP"; or Technology Code⁴
D0019

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

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

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

(Note: This subcategory consists of nonwastewaters only.)

NANANARORGS; CMBST; or POLYM
D0029

Corrosive Characteristic Wastes.

NANADEACT and meet Section 728.148 standards⁸ DEACT and meet Section 728.148 standards⁸
D002, D004, D005, D006, D007, D008, D009, D010, D011

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

(Note: This subcategory consists of nonwastewaters only.)

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

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

NANADEACT DEACT D0039

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

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

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

NANADEACT DEACT D0039

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

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

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

(Note: This subcategory consists of nonwastewaters only.)

NANANADEACT and meet Section 728.148 standards 8 D0039

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

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

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

Arsenic 7440-38-2 1.4 and meet Section 728.148 standards 8 5.0 mg/l TCLP and meet Section 728.148 standards 8 D0059

Wastes that exhibit, or are expected to exhibit, the characteristic of toxicity for barium based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods,"

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

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).

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

Toxaphene8001-35-2BIOGDG 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; BIOGDG; or CMBST10 and meet Section 728.148 standards8 D0179

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

m-Cresol
(difficult to distinguish from p-cresol) 108-39-40.77 and meet Section 728.148 standards 85.6 and meet Section 728.148 standards 8

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).

Heptachlor 76-44-80.0012 and meet Section 728.148 standards 80.066 and meet Section 728.148 standards 8Heptachlor epoxide 1024-57-30.016 and meet Section 728.148 standards 80.066 and meet Section 728.148 standards 8
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).

Hexachlorobenzene 118-74-10.055 and meet Section 728.148 standards 810 and meet Section 728.148 standards 8
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).

Hexachlorobutadiene 87-68-30.055 and meet Section 728.148 standards 85.6 and meet Section 728.148 standards 8
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).

Hexachloroethane 67-72-10.055 and meet Section 728.148 standards 830 and meet Section 728.148 standards 8
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 ketone 78-93-30.28 and meet Section 728.148 standards 836 and meet Section 728.148 standards 8
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).

Nitrobenzene 98-95-30.068 and meet Section 728.148 standards 814 and meet Section 728.148 standards 8
D0379

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

2-Ethoxyethanol 110-80-5 BIODG; or CMBSTCMBST
F006

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

Cadmium 7440-43-90.690.11 mg/l TCLP Chromium (Total) 7440-47-32.770.60 mg/l
TCLP Cyanides (Total) 757-12-51.2590 Cyanides (Amenable) 757-12-50.8630 Lead 7439-92-
10.690.75 mg/l TCLP Nickel 7440-02-03.9811 mg/l TCLP Silver 7440-22-4NA0.14 mg/l
TCLP
F007

Spent cyanide plating bath solutions from electroplating operations.

Cadmium 7440-43-9NA0.11 mg/l TCLP Chromium (Total) 7440-47-32.770.60 mg/l
TCLP Cyanides (Total) 757-12-51.2590 Cyanides (Amenable) 757-12-50.8630 Lead 7439-92-
10.690.75 mg/l TCLP Nickel 7440-02-03.9811 mg/l TCLP Silver 7440-22-4NA0.14 mg/l
TCLP
F008

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

Cadmium 7440-43-9NA0.11 mg/l TCLP Chromium (Total) 7440-47-32.770.60 mg/l
TCLP Cyanides (Total) 757-12-51.2590 Cyanides (Amenable) 757-12-50.8630 Lead 7439-92-
10.690.75 mg/l TCLP Nickel 7440-02-03.9811 mg/l TCLP Silver 7440-22-4NA0.14 mg/l
TCLP
F009

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

Cadmium 7440-43-9NA0.11 mg/l TCLP Chromium (Total) 7440-47-32.770.60 mg/l
TCLP Cyanides (Total) 757-12-51.2590 Cyanides (Amenable) 757-12-50.8630 Lead 7439-92-
10.690.75 mg/l TCLP Nickel 7440-02-03.9811 mg/l TCLP Silver 7440-22-4NA0.14 mg/l
TCLP
F010

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

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

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

Cadmium 7440-43-9NA0.11 mg/l TCLP Chromium (Total) 7440-47-32.770.60 mg/l
TCLP Cyanides (Total) 757-12-51.2590 Cyanides (Amenable) 757-12-50.8630 Lead 7439-92-
10.690.75 mg/l TCLP Nickel 7440-02-03.9811 mg/l TCLP Silver 7440-22-4NA0.14 mg/l
TCLP
F012

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

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

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

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

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

HxCDDs (All Hexachlorodibenzo-p-dioxins) NA 0.0000630.001 HxCDFs (All Hexachlorodibenzofurans) 55684-94-10.0000630.001 PeCDDs (All Pentachlorodibenzo-p-dioxins) 36088-22-90.0000630.001 PeCDFs (All Pentachlorodibenzofurans) 30402-15-40.0000350.001 Pentachlorophenol 187-86-50.0897.4 TCDDs (All Tetrachlorodibenzo-p-dioxins) 41903-57-50.0000630.001 TCDFs (All Tetrachlorodibenzofurans) 55722-27-50.0000630.001 2,4,5-Trichlorophenol 95-95-40.187.4 2,4,6-Trichlorophenol 188-06-20.0357.4 2,3,4,6-Tetrachlorophenol 158-90-20.0307.4
F024

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

All F024 wastes NACMBST11 CMBST112-Chloro-1,3-butadiene 126-99-80.0570.283-Chloropropylene 107-05-10.036301,1-Dichloroethane 75-34-30.0596.01,2-Dichloroethane 107-06-20.216.01,2-Dichloropropane 78-87-50.8518 cis-1,3-Dichloropropylene 10061-01-50.03618 trans-1,3-Dichloropropylene 10061-02-60.03618 bis(2-Ethylhexyl) phthalate 117-81-70.2828 Hexachloroethane 67-72-10.05530 Chromium (Total) 7440-47-32.770.60 mg/l TCLP Nickel 7440-02-03.9811 mg/l
TCLP
F025

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

Carbon tetrachloride 56-23-50.0576.0 Chloroform 67-66-30.0466.0 1,2-Dichloroethane 107-06-20.216.0 1,1-Dichloroethylene 75-35-40.0256.0 Methylene chloride 75-9-20.0893 01,1,2-Trichloroethane 79-00-50.0546.0 Trichloroethylene 79-01-60.0546.0 Vinyl chloride 75-01-40.276.0
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 tetrachloride 56-23-50.0576.0 Chloroform 67-66-30.0466.0 Hexachlorobenzene 118-74-10.0551 0 Hexachlorobutadiene 87-68-30.0555.6 Hexachloroethane 67-72-10.0553 0 Methylene chloride 75-9-20.0893 01,1,2-Trichloroethane 79-00-50.0546.0 Trichloroethylene 79-01-60.0546.0 Vinyl chloride 75-01-40.276.0
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) NA0.0000630.001 HxCDFs (All Hexachlorodibenzofurans) 55684-94-10.0000630.001 PeCDDs (All Pentachlorodibenzo-p-dioxins) 36088-22-90.0000630.001 PeCDFs (All Pentachlorodibenzofurans) 30402-15-40.0000350.001 Pentachlorophenol 87-86-50.0897.4 TCDDs (All Tetrachlorodibenzo-p-dioxins) 41903-57-50.0000630.001 TCDFs (All Tetrachlorodibenzofurans) 55722-27-50.0000630.001 2,4,5-Trichlorophenol 95-95-40.187.4 2,4,6-Trichlorophenol 88-06-20.0357.4 2,3,4,6-Tetrachlorophenol 58-90-20.0307.4
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) NA0.0000630.001 HxCDFs (All Hexachlorodibenzofurans) 55684-94-10.0000630.001 PeCDDs (All Pentachlorodibenzo-p-dioxins) 36088-22-90.0000630.001 PeCDFs (All Pentachlorodibenzofurans) 30402-15-40.0000350.001 Pentachlorophenol 87-86-50.0897.4 TCDDs (All Tetrachlorodibenzo-p-dioxins) 41903-57-50.0000630.001 TCDFs (All Tetrachlorodibenzofurans) 55722-27-50.0000630.001 2,4,5-Trichlorophenol 95-95-40.187.4 2,4,6-Trichlorophenol 88-06-20.0357.4 2,3,4,6-Tetrachlorophenol 58-90-20.0307.4
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-Aminobiphenyl92-67-10.13NAAAniline62-53-30.8114o-Anisidine (2-methoxyaniline)90-04-00.0100.66Anthracene120-12-

70.0593.4Aramitel140-57-80.36NA-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-xylydine)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 benzenel100-41-40.05710Ethyl 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-din-butylamine924-16-30.4017N-Nitrosomethylethylamine10595-95-60.402.3N-Nitrosomorpholine59-89-20.402.3N-Nitrosopiperidine100-75-40.01335N-Nitrosopyrrolidine930-55-20.013351,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (1,2,3,4,6,7,8,9-OCDD)3268-87-90.0000630.0025Parathion56-38-20.0144.6Total PCBs (sum of all PCB isomers, or all Aroclors)1336-36-30.1010Pentachlorobenzene608-93-50.05510PeCDDs (All Pentachlorodibenzo-p-dioxins)36088-22-90.0000630.001PeCDFs (All Pentachlorodibenzofurans)30402-15-40.0000350.001Pentachloronitrobenzene82-68-80.0554.8Pentachlorophenol87-86-50.0897.4Phenacetin62-44-20.08116Phenanthrene85-01-80.0595.6Phenol108-95-20.0396.21,3-Phenylenediamine108-45-20.0100.66Phorate298-02-20.0214.6Phthalic anhydride85-44-90.055NAPronamide23950-58-50.0931.5Pyrene129-00-00.0678.2Pyridine110-86-10.01416Safrole94-59-70.08122Silvex (2,4,5-TP)93-72-10.727.92,4,5-T93-76-50.727.91,2,4,5-Tetrachlorobenzene95-94-30.05514TCDDs (All Tetrachlorodibenzo-p-dioxins)41903-57-50.0000630.001TCDFs (All Tetrachlorodibenzofurans)55722-27-50.0000630.0011,1,1,2-Tetrachloroethane630-20-60.0576.01,1,2,2-Tetrachloroethane79-34-60.0576.0Tetrachloroethylene127-18-40.0566.02,3,4,6-Tetrachlorophenol58-90-20.0307.4Toluene108-88-30.08010Toxaphene8001-35-20.00952.6Bromoform (Tribromomethane)75-25-20.63151,2,4-Trichlorobenzene120-82-10.055191,1,1-Trichloroethane71-55-60.0546.01,1,2-Trichloroethane79-00-50.0546.0Trichloroethylene79-01-60.0546.0Trichloromonofluoromethane75-69-40.020302,4,5-Trichlorophenol95-95-40.187.42,4,6-Trichlorophenol88-06-20.0357.41,2,3-Trichloropropane96-18-40.85301,1,2-Trichloro-1,2,2-trifluoroethane76-13-10.05730tris(2,3-Dibromopropyl) phosphatel26-72-70.11NAVinyl 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)757-12-50.86NAFluoridel6964-48-835NALead7439-92-10.690.75 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

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 TCLP Lead 7439-92-10.690.75 mg/l TCLP K003

Wastewater treatment sludge from the production of molybdate orange pigments.

Chromium (Total) 7440-47-32.770.60 mg/l TCLP Lead 7439-92-10.690.75 mg/l TCLP K004

Wastewater treatment sludge from the production of zinc yellow pigments.

Chromium (Total) 7440-47-32.770.60 mg/l TCLP Lead 7439-92-10.690.75 mg/l TCLP K005

Wastewater treatment sludge from the production of chrome green pigments.

Chromium (Total) 7440-47-32.770.60 mg/l TCLP Lead 7439-92-10.690.75 mg/l
TCLP Cyanides (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 TCLP Lead 7439-92-10.690.75 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 TCLP Lead 7439-92-10.69NA
K007

Wastewater treatment sludge from the production of iron blue pigments.

Chromium (Total) 7440-47-32.770.60 mg/l TCLP Lead 7439-92-10.690.75 mg/l
TCLP Cyanides (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 TCLP Lead 7439-92-10.690.75 mg/l TCLP K009

Distillation bottoms from the production of acetaldehyde from ethylene.

Chloroform 67-66-30.0466.0
K010

Distillation side cuts from the production of acetaldehyde from ethylene.

Chloroform 67-66-30.0466.0
K011

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

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

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

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

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

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

Still bottoms from the distillation of benzyl chloride.

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

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

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

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

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

Heavy ends from the fractionation column in ethyl chloride production.

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

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

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

Tetrachlorobenzene 95-94-30.055NATetrachloroethylene 127-18-40.0566.01,2,4-Trichlorobenzene 120-82-10.055191,1,1-Trichloroethane 71-55-60.0546.0
K020

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

1,2-Dichloroethane 107-06-20.216.01,1,2,2-Tetrachloroethane 79-34-60.0576.0Tetrachloroethylene 127-18-40.0566.0
K021

Aqueous spent antimony catalyst waste from fluoromethanes production.

Carbon tetrachloride 56-23-50.0576.0Chloroform 67-66-30.0466.0Antimony 7440-36-01.91.15 mg/l TCLP
K022

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

Toluene 108-88-30.08010Acetophenone 96-86-20.0109.7Diphenylamine (difficult to distinguish from diphenylnitrosamine) 122-39-40.9213Diphenylnitrosamine (difficult to distinguish from diphenylamine) 86-30-60.9213Phenol 108-95-20.0396.2Chromium (Total) 7440-47-32.770.60 mg/l TCLPNickel 7440-02-03.9811 mg/l TCLP
K023

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

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

Distillation bottoms from the production of phthalic anhydride from naphthalene.

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

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

NANALLEX fb SSTRP fb CARBN; or CMBSTCMBST
K026

Stripping still tails from the production of methyl ethyl pyridines.

NANACMBSTCMBST
K027

Centrifuge and distillation residues from toluene diisocyanate production.

NANACARBN; or CMBSTCMBST
K028

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

1,1-Dichloroethane75-34-30.0596.0trans-1,2-Dichloroethylene156-60-50.05430Hexachlorobutadiene87-68-30.0555.6Hexachloroethane67-72-10.05530Pentachloroethane76-01-7NA6.01,1,1,2-Tetrachloroethane630-20-60.0576.01,1,2,2-Tetrachloroethane79-34-60.0576.0Tetrachloroethylene127-18-40.0566.01,1,1-Trichloroethane71-55-60.0546.01,1,2-Trichloroethane79-00-50.0546.0Cadmium7440-43-90.69NAChromium (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 chlordanes.

Hexachlorocyclopentadiene77-47-40.0572.4Chlordanes (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 chlordanes.

Hexachlorocyclopentadiene77-47-40.0572.4
K034

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

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.

NANACARBON; or CMBSTCMBST
K040

Wastewater treatment sludge from the production of phorate.

Phorate298-02-20.0214.6
K041

Wastewater treatment sludge from the production of toxaphene.

Toxaphene8001-35-20.00952.6
K042

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

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

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

2,4-Dichlorophenol120-83-20.044142,6-Dichlorophenol187-65-00.044142,4,5-Trichlorophenol95-95-40.187.42,4,6-Trichlorophenol88-06-20.0357.42,3,4,6-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.

NANAEACTDEACT
K045

Spent carbon from the treatment of wastewater containing explosives.

NANAEACTDEACT
K046

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

Lead7439-92-10.690.75 mg/l TCLP
K047

Pink or red water from TNT operations.

NANAEACTDEACT
K048

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

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

Slop oil emulsion solids from the petroleum refining industry.

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

Heat exchanger bundle cleaning sludge from the petroleum refining industry.

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

K051

API separator sludge from the petroleum refining industry.

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

K052

Tank bottoms (leaded) from the petroleum refining industry.

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

K060

Ammonia still lime sludge from coking operations.

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

K061

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

Antimony7440-36-0NA1.15 mg/l TCLPARsenic7440-38-2NA5.0 mg/l TCLPBarium7440-39-3NA21 mg/l TCLPBeryllium7440-41-7NA1.22 mg/l TCLPCadmium7440-43-90.690.11 mg/l TCLPChromium (Total)7440-47-32.770.60 mg/l TCLPLead7439-92-10.690.75 mg/l TCLPMercury7439-97-6NA0.025 mg/l TCLPNickel7440-02-03.9811 mg/l TCLPSelenium7782-49-2NA5.7 mg/l TCLPSilver7440-22-4NA0.14 mg/l TCLPThallium7440-28-0NA0.20 mg/l TCLPZinc7440-66-6NA4.3 mg/l TCLP

K062

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

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

K069

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

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

K069

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

NANANARLEAD

K071

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

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

K071

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

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

K071

All K071 wastewaters.

Mercury7439-97-60.15NA

K073

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

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

K083

Distillation bottoms from aniline production.

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

K084

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

Arsenic7440-38-21.45.0 mg/l TCLP

K085

Distillation or fractionation column bottoms from the production of chlorobenzenes.

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

K086

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

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

Decanter tank tar sludge from coking operations.

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

Spent potliners from primary aluminum reduction.

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

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

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

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

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

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

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

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

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

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

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

Untreated process wastewater from the production of toxaphene.

Toxaphene8001-35-20.00952.6
K099

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

2,4-Dichlorophenoxyacetic acid94-75-70.7210
HxCDDs (All Hexachlorodibenzo-p-dioxins)NA0.0000630.001
HxCDFs (All Hexachlorodibenzofurans)55684-94-10.0000630.001
PeCDDs (All Pentachlorodibenzo-p-dioxins)36088-22-90.0000630.001
PeCDFs (All Pentachlorodibenzofurans)30402-15-40.0000350.001
TCDDs (All Tetrachlorodibenzo-p-dioxins)41903-57-50.0000630.001
TCDFs (All Tetrachlorodibenzofurans)55722-27-50.0000630.001
K100

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

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

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

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

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

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

Process residues from aniline extraction from the production of aniline.

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

Combined wastewater streams generated from nitrobenzene or aniline production.

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

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

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

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

Mercury 7439-97-6NARMERC
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.

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

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

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

All K106 wastewaters.

Mercury 7439-97-60.15NA
K107

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

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

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

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

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

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

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

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

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

2,4-Dinitrotoluene121-14-~~20.321402.62~~
0.321402.6-Dinitrotoluene606-20-20.5528
K112

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

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

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

NANACARBN; or CMBSTCMBST
K114

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

NANACARBN; or CMBSTCMBST
K115

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

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

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

NANACARBN; or CMBSTCMBST
K117

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

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

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

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

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

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

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

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

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

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

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

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

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

Methyl bromide (Bromomethane)74-83-90.1115
K132

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

Methyl bromide (Bromomethane)74-83-90.1115
K136

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

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

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

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

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

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

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

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

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

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

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

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

Tar storage tank residues from coal tar refining.

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

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

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

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

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

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

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

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

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

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

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

Acetonitrile75-05-85.61.8Acetophenone98-86-20.0109.7Aniline62-53-30.8114Benomyl1017804-35-20.056; or CMBST, CHOXD, BIODG or CARBN1.4; or CMBSTBenzene71-43-20.1410Carbaryl1063-25-210.006; or CMBST, CHOXD, BIODG or CARBN0.14; or CMBSTCarbenzadim1010605-21-70.056; or CMBST, CHOXD, BIODG or CARBN1.4; or CMBSTCarbofuran101563-66-20.006; or CMBST, CHOXD, BIODG or CARBN0.14; or CMBSTCarbosulfan1055285-14-80.028; or CMBST, CHOXD, BIODG or CARBN1.4; or CMBSTChlorobenzene108-90-70.0576.0Chloroform67-66-30.0466.0o-Dichlorobenzene95-50-10.0886.0Methomyl1016752-77-50.028; or CMBST, CHOXD, BIODG or CARBN0.14; or CMBSTMethylene chloride75-09-20.08930Methyl ethyl ketone78-93-30.2836Naphthalene91-20-30.0595.6Phenol108-95-20.0396.2Pyridine110-86-10.01416Toluene108-88-30.08010Triethylamine121-44-80.081; or CMBST, CHOXD, BIODG or CARBN1.5; or CMBST
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 tetrachloride56-23-50.0576.0Chloroform67-66-30.0466.0Chloromethane74-87-30.1930Methomyl1016752-77-50.028; or CMBST, CHOXD, BIODG or CARBN0.14; or CMBSTMethylene chloride75-09-20.08930Methyl ethyl ketone78-93-30.2836Pyridine110-86-10.01416Triethylamine121-44-80.081; or CMBST, CHOXD, BIODG or CARBN1.5; or CMBST
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.)~~

~~Benomyl17804-35-20.0561.4~~ Benzene71-43-20.1410Carbenzadim1010605-21-70.056; or CMBST, CHOXD, BIODG or CARBN1.4; or CMBSTCarbofuran101563-66-20.006; or CMBST, CHOXD, BIODG or CARBN0.14; or CMBSTCarbosulfan1055285-14-80.028; or CMBST, CHOXD, BIODG or CARBN1.4; or CMBSTChloroform67-66-30.0466.0Methylene chloride75-09-20.08930Phenol108-95-20.0396.2
K159

Organics from the treatment of thiocarbamate wastes.10

Benzene71-43-20.1410Butylate102008-41-50.042; or CMBST, CHOXD, BIODG or CARBN1.4; or CMBSTEPTC (Eptam)10759-94-40.042; or CMBST, CHOXD, BIODG or CARBN1.4; or CMBSTMolinate102212-67-10.042; or CMBST, CHOXD, BIODG or CARBN1.4; or CMBSTPebulate101114-71-20.042; or CMBST, CHOXD, BIODG or CARBN1.4; or CMBSTVernolate101929-77-70.042; or CMBST, CHOXD, BIODG or CARBN1.4; or CMBST
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)10137-30-40.028; or CMBST, CHOXD, BIODG or CARBN28; or CMBSTLead7439-92-10.690.7511Nickel7440-02-03.981111Selenium7782-49-20.825.711
K169

Crude oil tank sediment from petroleum refining operations.

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

Clarified slurry oil sediment from petroleum refining operations.

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

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

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

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

Benzene71-43-20.1410Ethyl benzene100-41-40.05710Toluene (Methyl Benzene)108-88-30.08010Xylenes (Total)1330-20-70.3230Antimony7740-36-01.91.15 mg/l TCLPARsenic7740-38-21.45 mg/l TCLPNickel7440-02-03.9811.0 mg/l TCLPVanadium7440-62-24.31.6 mg/l TCLPReactive SulfidesNADEACTDEACT
K174

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

1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-HpCDD)35822-46-90.000035 or CMBST110.0025 or CMBST111,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-HpCDF)67562-39-40.000035 or CMBST110.0025 or CMBST111,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-HpCDF)55673-89-70.000035 or CMBST110.0025 or CMBST11All hexachlorodibenzo-p-dioxins (HxCDDs)34465-46-80.000063 or CMBST110.001 or CMBST11All hexachlorodibenzofurans (HxCDFs)55684-94-10.000063 or CMBST110.001 or CMBST111,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (1,2,3,4,6,7,8,9-OCDD)3268-87-90.000063 or CMBST110.005 or CMBST111,2,3,4,6,7,8,9-Octachlorodibenzofuran (1,2,3,4,6,7,8,9-OCDF)39001-02-00.000063 or CMBST110.005 or CMBST11All pentachlorodibenzo-p-

dioxins (PeCDDs)36088-22-90.000063 or CMBST110.001 or CMBST11All
pentachlorodibenzofurans (PeCDFs)30402-15-40.000035 or CMBST110.001 or
CMBST11All tetrachlorodibenzo-p-dioxins (TCDDs)41903-57-50.000063 or
CMBST110.001 or CMBST11All tetrachlorodibenzofurans (TCDFs)55722-27-50.000063 or
CMBST110.001 or CMBST11Arsenic7440-36-01.45.0 mg/l TCLP
K175

Wastewater treatment sludge from the production of vinyl chloride 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 disulfide 75-15-03.8 CMBST Carbon disulfide; alternate 6 standard for nonwastewaters only 75-15-0NA 4.8 mg/l TCLP
P023

Chloroacetaldehyde.

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

p-Chloroaniline.

p-Chloroaniline 106-47-80.4616
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) 757-12-51.2590 Cyanides (Amenable) 757-12-50.8630
P030

Cyanides (soluble salts and complexes).

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

Cyanogen.

Cyanogen 460-19-5 CHOXD; WETOX; or CMBST CHOXD; WETOX; or CMBST
P033

Cyanogen chloride.

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

2-Cyclohexyl-4,6-dinitrophenol.

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

Dichlorophenylarsine.

Arsenic 7440-38-21.45.0 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-Methylactonitrile.

2-Methylactonitrile
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

Octamethylpyrophosphoramidate.

Octamethylpyrophosphoramidate152-16-9CARBN; 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.

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

Trichloromethanethiol.

Trichloromethanethiol 75-70-7 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
P119

Ammonium vanadate.

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

Vanadium pentoxide.

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

Zinc cyanide.

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

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

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

Toxaphene.

Toxaphene 8001-35-20.00952.6
P127

Carbofuran.10

Carbofuran 1563-66-20.006; or CMBST, CHOXD, BIODG or CARBN 0.14; or CMBST
P128

Mexacarbate.10

Mexacarbate 315-18-40.056; or CMBST, CHOXD, BIODG or CARBN 1.4; or CMBST
P185

Tirpate.10

Tirpate 26419-73-80.056; or CMBST, CHOXD, BIODG or CARBN 0.28; or CMBST
P188

Physostigmine salicylate.10

Physostigmine salicylate 57-64-70.056; or CMBST, CHOXD, BIODG or CARBN 1.4; or
CMBST
P189

Carbosulfan.10

Carbosulfan55285-14-80.028; or CMBST, CHOXD, BIODG or CARBN1.4; or CMBST
P190

Metolcarb.10

Metolcarb1129-41-50.056; or CMBST, CHOXD, BIODG or CARBN1.4; or CMBST
P191

Dimetilan.10

Dimetilan644-64-40.056; or CMBST, CHOXD, BIODG or CARBN1.4; or CMBST
P192

Isolan.10

Isolan119-38-00.056; or CMBST, CHOXD, BIODG or CARBN1.4; or CMBST
P194

Oxamyl.10

Oxamyl23135-22-00.056; or CMBST, CHOXD, BIODG or CARBN0.28; or CMBST
P196

Manganese dimethyldithiocarbamates (total).10

Dithiocarbamates (total)NA0.028; or CMBST, CHOXD, BIODG or CARBN28; or CMBST
P197

Formparanate.10

Formparanate17702-57-70.056; or CMBST, CHOXD, BIODG or CARBN1.4; or CMBST
P198

Formetanate hydrochloride.10

Formetanate hydrochloride23422-53-90.056; or CMBST, CHOXD, BIODG or CARBN1.4; or
CMBST
P199

Methiocarb.10

Methiocarb2032-65-70.056; or CMBST, CHOXD, BIODG or CARBN1.4; or CMBST
P201

Promecarb.10

Promecarb2631-37-00.056; or CMBST, CHOXD, BIODG or CARBN1.4; or CMBST
P202

m-Cumenyl methylcarbamate.10

m-Cumenyl methylcarbamate64-00-60.056; or CMBST, CHOXD, BIODG or CARBN1.4; or
CMBST
P203

Aldicarb sulfone.10

Aldicarb sulfone 1646-88-40.056; or CMBST, CHOXD, BIODG or CARBN0.28; or CMBST
P204

Physostigmine.10

Physostigmine 57-47-60.056; or CMBST, CHOXD, BIODG or CARBN1.4; or CMBST
P205

Ziram.10

Dithiocarbamates (total) NA0.028; or CMBST, CHOXD, BIODG or CARBN28; or CMBST
U001

Acetaldehyde.

Acetaldehyde 75-07-0 (WETOX or CHOXD) fb CARBN; or CMBST CMBST
U002

Acetone.

Acetone 67-64-10.28160
U003

Acetonitrile.

Acetonitrile 75-05-85.6 CMBST Acetonitrile; alternate 6 standard for nonwastewaters
only 75-05-8 NA38
U004

Acetophenone.

Acetophenone 98-86-20.0109.7
U005

2-Acetylaminofluorene.

2-Acetylaminofluorene 53-96-30.059140
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.

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)pyrene 50-32-80.0613.4
U023

Benzotrichloride.

Benzotrichloride 98-07-7 CHOXD; CHRED; CARBN; BIODG; or CMBSTCHOXD; CHRED; or
CMBST
U024

bis(2-Chloroethoxy)methane.

bis(2-Chloroethoxy)methane 111-91-10.0367.2
U025

bis(2-Chloroethyl)ether.

bis(2-Chloroethyl)ether 111-44-40.0336.0
U026

Chlornaphazine.

Chlornaphazine 494-03-1 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U027

bis(2-Chloroisopropyl)ether.

bis(2-Chloroisopropyl)ether 39638-32-90.0557.2
U028

bis(2-Ethylhexyl)phthalate.

bis(2-Ethylhexyl)phthalate 117-81-70.2828
U029

Methyl bromide (Bromomethane).

Methyl bromide (Bromomethane) 74-83-90.1115
U030

4-Bromophenyl phenyl ether.

4-Bromophenyl phenyl ether 101-55-30.05515
U031

n-Butyl alcohol.

n-Butyl alcohol 71-36-35.62.6
U032

Calcium chromate.

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

Carbon oxyfluoride.

Carbon oxyfluoride 353-50-4 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U034

Trichloroacetaldehyde (Chloral).

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

Chlorambucil.

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

Chlordane.

Chlordane (and isomers) 57-74-90.00330.26
U037

Chlorobenzene.

Chlorobenzene 108-90-70.0576.0
U038

Chlorobenzilate.

Chlorobenzilate 510-15-60.10CMBST
U039

p-Chloro-m-cresol.

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

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

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

2-Chloroethyl vinyl ether.

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

Vinyl chloride.

Vinyl chloride 75-01-40.276.0
U044

Chloroform.

Chloroform 67-66-30.0466.0
U045

Chloromethane (Methyl chloride).

Chloromethane (Methyl chloride) 74-87-30.1930
U046

Chloromethyl methyl ether.

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

2-Chloronaphthalene.

2-Chloronaphthalene 91-58-70.0555.6
U048

2-Chlorophenol.

2-Chlorophenol 95-57-80.0445.7
U049

4-Chloro-o-toluidine hydrochloride.

4-Chloro-o-toluidine hydrochloride 3165-93-3 (WETOX or CHOXD) fb CARBN; or
CMBSTCMBST
U050

Chrysene.

Chrysene 218-01-90.0593.4
U051

Creosote.

Naphthalene 91-20-30.0595.6 Pentachlorophenol 87-86-50.0897.4 Phenanthrene 85-01-
80.0595.6 Pyrene 129-00-00.0678.2 Toluene 108-88-30.08010 Xylenes-mixed isomers
(sum of o-, m-, and p-xylene concentrations) 1330-20-70.3230 Lead 7439-92-10.690.75
mg/l TCLP
U052

Cresols (Cresylic acid).

o-Cresol 95-48-70.115.6 m-Cresol (difficult to distinguish from p-cresol) 108-39-
40.775.6 p-Cresol (difficult to distinguish from m-cresol) 106-44-50.775.6 Cresol-
mixed isomers (Cresylic acid)
(sum of o-, m-, and p-cresol concentrations) 1319-77-30.8811.2
U053

Crotonaldehyde.

Crotonaldehyde 4170-30-3 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U055

Cumene.

Cumene 98-82-8 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U056

Cyclohexane.

Cyclohexane 110-82-7 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U057

Cyclohexanone.

Cyclohexanone 108-94-10.36 CMBST Cyclohexanone; alternate 6 standard for
nonwastewaters only 108-94-1NA 0.75 mg/l TCLP
U058

Cyclophosphamide.

Cyclophosphamide 50-18-0 CARBN; or CMBSTCMBST
U059

Daunomycin.

Daunomycin 20830-81-3 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U060

DDD.

o,p'-DDD 53-19-00.0230.087p,p'-DDD 72-54-80.0230.087
U061

DDT.

o,p'-DDT 789-02-60.00390.087p,p'-DDT 50-29-30.00390.087o,p'-DDD 53-19-
00.0230.087p,p'-DDD 72-54-80.0230.087o,p'-DDE 3424-82-60.0310.087p,p'-DDE 72-55-
90.0310.087
U062

Diallate.

Diallate 2303-16-4 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U063

Dibenz(a,h)anthracene.

Dibenz(a,h)anthracene 53-70-30.0558.2
U064

Dibenz(a,i)pyrene.

Dibenz(a,i)pyrene 189-55-9 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U066

1,2-Dibromo-3-chloropropane.

1,2-Dibromo-3-chloropropane 96-12-80.1115
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 acid 111-54-6 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U115

Ethylene oxide.

Ethylene oxide 75-21-8 (WETOX or CHOXD) fb CARBN; or CMBSTCHOXD; or CMBSTEthylene
oxide; alternate standard for wastewaters only 75-21-80.12NA
U116

Ethylene thiourea.

Ethylene thiourea 96-45-7 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U117

Ethyl ether.

Ethyl ether 60-29-70.12160
U118

Ethyl methacrylate.

Ethyl methacrylate 97-63-20.14160
U119

Ethyl methane sulfonate.

Ethyl methane sulfonate 62-50-0 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U120

Fluoranthene.

Fluoranthene 206-44-00.0683.4
U121

Trichloromonofluoromethane.

Trichloromonofluoromethane 75-69-40.02030
U122

Formaldehyde.

Formaldehyde 50-00-0 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U123

Formic acid.

Formic acid 64-18-6 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U124

Furan.

Furan 110-00-9 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U125

Furfural.

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

Glycidylaldehyde.

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

Hexachlorobenzene.

Hexachlorobenzene118-74-10.05510
U128

Hexachlorobutadiene.

Hexachlorobutadiene87-68-30.0555.6
U129

Lindane.

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

Hexachlorocyclopentadiene.

Hexachlorocyclopentadiene77-47-40.0572.4
U131

Hexachloroethane.

Hexachloroethane67-72-10.05530
U132

Hexachlorophene.

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

Hydrazine.

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

Hydrogen fluoride.

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

Hydrogen sulfide.

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

Cacodylic acid.

Arsenic7440-38-21.45.0 mg/l TCLP
U137

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

Indeno(1,2,3-cd)pyrene
193-39-50.00553.4
U138

Iodomethane.

Iodomethane74-88-40.1965
U140

Isobutyl alcohol.

Isobutyl alcohol78-83-15.6170
U141

Isosafrole.

Isosafrole120-58-10.0812.6
U142

Kepone.

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

Phthalic anhydride.

Phthalic anhydride (measured as Phthalic acid or Terephthalic acid) 100-21-
00.05528 Phthalic anhydride (measured as Phthalic acid or Terephthalic acid) 85-
44-90.05528
U191

2-Picoline.

2-Picoline 109-06-8 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U192

Pronamide.

Pronamide 23950-58-50.0931.5
U193

1,3-Propane sultone.

1,3-Propane sultone 1120-71-4 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U194

n-Propylamine.

n-Propylamine 107-10-8 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U196

Pyridine.

Pyridine 110-86-10.01416
U197

p-Benzoquinone.

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

Reserpine.

Reserpine 50-55-5 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U201

~~Resoreinol~~

Resorcinol.

Resorcinol 108-46-3 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U203

Safrole.

Safrole94-59-70.08122
U204

Selenium dioxide.

Selenium7782-49-20.825.7 mg/l TCLP
U205

Selenium sulfide.

Selenium7782-49-20.825.7 mg/l TCLP
U206

Streptozotocin.

Streptozotocin18883-66-4 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U207

1,2,4,5-Tetrachlorobenzene.

1,2,4,5-Tetrachlorobenzene95-94-30.05514
U208

1,1,1,2-
Tetrachloroethane.

1,1,1,2-Tetrachloroethane630-20-60.0576.0
U209

1,1,2,2-Tetrachloroethane.

1,1,2,2-Tetrachloroethane79-34-50.0576.0
U210

Tetrachloroethylene.

Tetrachloroethylene127-18-40.0566.0
U211

Carbon tetrachloride.

Carbon tetrachloride56-23-50.0576.0
U213

Tetrahydrofuran.

Tetrahydrofuran109-99-9 (WETOX or CHOXD) fb CARBN; or CMBSTCMBST
U214

Thallium (I) acetate.

Thallium (measured in wastewaters only)7440-28-01.4RTHRM; or STABL
U215

Thallium (I) carbonate.

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

U216

Thallium (I) chloride.

Thallium (measured in wastewaters only) 7440-28-01.4RTHRM; or STABL
U217

Thallium (I) nitrate.

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

Thioacetamide.

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

Thiourea.

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

Toluene.

Toluene 108-88-30.08010
U221

Toluenediamine.

Toluenediamine 25376-45-8 CARBN; or CMBSTCMBST
U222

o-Toluidine hydrochloride.

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

Toluene diisocyanate.

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

Bromoform (Tribromomethane).

Bromoform (Tribromomethane) 75-25-20.6315
U226

1,1,1-Trichloroethane.

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

1,1,2-Trichloroethane.

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

Trichloroethylene.

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

Benomy1.10

Benomy117804-35-20.056; or CMBST, CHOXD, BIODG or CARBN1.4; or CMBST
U278

Bendiocarb.10

Bendiocarb22781-23-30.056; or CMBST, CHOXD, BIODG or CARBN1.4; or CMBST
U279

Carbaryl.10

Carbaryl63-25-20.006; or CMBST, CHOXD, BIODG or CARBN0.14; or CMBST
U280

Barban.10

Barban101-27-90.056; or CMBST, CHOXD, BIODG or CARBN1.4; or CMBST
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 phenol22961-82-60.056; or CMBST, CHOXD, BIODG or CARBN1.4; or CMBST
U367

Carbofuran phenol.10

Carbofuran phenol

1563-38-80.056; or CMBST, CHOXD, BIODG or CARBN1.4; or CMBST

U372

Carbendazim.10

Carbendazim10605-21-70.056; or CMBST, CHOXD, BIODG or CARBN1.4; or CMBST

U373

Propham.10

Propham122-42-90.056; or CMBST, CHOXD, BIODG or CARBN1.4; or CMBST

U387

Prosulfocarb.10

Prosulfocarb52888-80-90.042; or CMBST, CHOXD, BIODG or CARBN1.4; or CMBST

U389

Triallate.10

Triallate2303-17-50.042; or CMBST, CHOXD, BIODG or CARBN1.4; or CMBST

U394

A2213.10

A221330558-43-10.042; or CMBST, CHOXD, BIODG or CARBN1.4; or CMBST

U395

Diethylene glycol, dicarbamate.10

Diethylene glycol, dicarbamate5952-26-10.056; or CMBST, CHOXD, BIODG or CARBN1.4; or CMBST

U404

Triethylamine.10

Triethylamine101-44-80.081; or CMBST, CHOXD, BIODG or CARBN1.5; or CMBST

U409

Thiophanate-methyl.10

Thiophanate-methyl23564-05-80.056; or CMBST, CHOXD, BIODG or CARBN1.4; or CMBST

U410

Thiodicarb.10

Thiodicarb59669-26-00.019; or CMBST, CHOXD, BIODG or CARBN1.4; or CMBST

U411

Propoxur.10

Propoxur114-26-10.056; or CMBST, CHOXD, BIODG or CARBN1.4; or CMBST

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 ~~2~~6.0.

BOARD NOTE: Derived from table to 40 CFR 268.40 ~~(2010)~~ (2011).

NA means not applicable.

(Source: Amended at 36 Ill. Reg. _____, effective _____)

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

Regulated Constituent-Common Name CAS1 No. Wastewater Standard Concentration2 (in mg/l) Nonwastewater Standard Concentration3 (in mg/kg unless noted as "mg/l TCLP")

Acenaphthylene 208-96-80.0593.4 Acenaphthene 83-32-90.0593.4 Acetone 67-64-10.28160 Acetonitrile 75-05-85.638 Acetophenone 96-86-20.0109.72- Acetylamino fluorene 53-96-30.059140 Acrolein 107-02-80.29NA Acrylamide 79-06-11923 Acrylonitrile 107-13-10.2484 ~~Aldicarb sulfone 61646-88-40.0560.28 Aldrin 309-00-20.0210.0664-Aminobiphenyl 92-67-10.13NA Aniline 62-53-30.8114o-Anisidine (2-methoxyaniline) 90-04-00.0100.66 Anthracene 120-12-70.0593.4 Aramite 140-57-80.36NA-BHC 319-84-60.000140.066-BHC 319-85-70.000140.066-BHC 319-86-80.0230.066?-BHC 58-89-90.00170.066 ~~Barban 6101-27-90.0561.4 Bendiocarb 622781-23-30.0561.4 Benomyl 617804-35-20.0561.4 Benz (a) anthracene 56-55-30.0593.4 Benzal chloride 98-87-30.0556.0 Benzene 71-43-20.1410 Benzo (b) fluoranthene (difficult to distinguish from benzo (k) fluoranthene) 205-99-20.116.8 Benzo (k) fluoranthene (difficult to distinguish from benzo (b) fluoranthene) 207-08-90.116.8 Benzo (g, h, i) perylene 191-24-20.00551.8 Benzo (a) pyrene 50-32-80.0613.4 Bromodichloromethane 75-27-40.3515 Methyl bromide (Bromomethane) 74-83-90.11154-Bromophenyl phenyl ether 101-55-30.05515n-Butyl alcohol 71-36-35.62.6 ~~Butylate 62008-41-50.0421.4 Butyl benzyl phthalate 85-68-70.017282-sec-Butyl-4,6-dinitrophenol (Dinoseb) 88-85-70.0662.5 Carbaryl 663-25-20.0060.14 Carbenzadim 610605-21-70.0561.4 Carbofuran 61563-66-20.0060.14 Carbofuran phenol 61563-38-80.0561.4 Carbon disulfide 75-15-03.84.8 mg/l TCLP Carbon tetrachloride 56-23-50.0576.0 ~~Carbosulfan 655285-14-80.0281.4 Chlordane (? and ? isomers) 57-74-90.00330.26p-Chloroaniline 106-47-80.4616 Chlorobenzene 108-90-70.0576.0 Chlorobenzilate 510-15-60.10NA 2-Chloro-1,3-butadiene 126-99-80.0570.28p-Chloro-m-cresol 59-50-70.01814 Chlorodibromomethane 124-48-10.05715 Chloroethane 75-00-30.276.0 bis(2-Chloroethoxy) methane 111-91-10.0367.2 bis(2-Chloroethyl) ether 111-44-40.0336.02-Chloroethyl vinyl ether 110-75-80.062NA Chloroform 67-66-30.0466.0 bis(2-Chloroisopropyl) ether 39638-32-90.0557.2 Chloromethane (Methyl chloride) 74-87-30.19302-Chloronaphthalene 91-58-70.0555.62-Chlorophenol 95-57-80.0445.73-Chloropropylene 107-05-10.03630 Chrysene 218-01-90.0593.4p-Cresidine 120-71-80.0100.66o-Cresol 95-48-70.115.6m-Cresol (difficult to distinguish from p-cresol) 108-39-40.775.6p-Cresol (difficult to distinguish from m-cresol) 106-44-50.775.6m-Cumenyl methylcarbamate 664-00-60.0561.4 Cyclohexanone 108-94-10.360.75 mg/l TCLP o,p'-DDD 53-19-00.0230.087p,p'-DDD 72-54-80.0230.087o,p'-DDE 3424-82-60.0310.087p,p'-DDE 72-55-90.0310.087o,p'-DDT 789-02-60.00390.087p,p'-DDT 50-29-30.00390.087 Dibenz (a, h) anthracene 53-70-30.0558.2 Dibenz (a, e) pyrene 192-65-~~~~~~~~

40.061NA1,2-Dibromo-3-chloropropane96-12-80.11151,2-Dibromoethane/Ethylene
dibromide106-93-40.02815Dibromomethane74-95-30.1115m-Dichlorobenzene541-73-
10.0366.0o-Dichlorobenzene95-50-10.0886.0p-Dichlorobenzene106-46-
70.0906.0Dichlorodifluoromethane75-71-80.237.21,1-Dichloroethane75-34-
30.0596.01,2-Dichloroethane107-06-20.216.01,1-Dichloroethylene75-35-
40.0256.0trans-1,2-Dichloroethylene156-60-50.054302,4-Dichlorophenol120-83-
20.044142,6-Dichlorophenol87-65-00.044142,4-Dichlorophenoxyacetic acid/2,4-D94-
75-70.72101,2-Dichloropropane78-87-50.8518cis-1,3-Dichloropropylene10061-01-
50.03618trans-1,3-Dichloropropylene10061-02-60.03618Dieldrin60-57-
10.0170.13Diethyl phthalate84-66-20.2028p-Dimethylaminoazobenzene60-11-
70.13NA2,4-Dimethylaniline (2,4-xylydine)95-68-10.0100.662,4-Dimethyl phenol105-
67-90.03614Dimethyl phthalate131-11-30.04728Di-n-butyl phthalate84-74-
20.057281,4-Dinitrobenzene100-25-40.322.34,6-Dinitro-o-cresol534-52-10.281602,4-
Dinitrophenol51-28-50.121602,4-Dinitrotoluene121-14-20.321402,6-
Dinitrotoluene606-20-20.5528Di-n-octyl phthalate117-84-00.01728Di-n-
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)NAO.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
TCLPMethapyrilene91-80-50.0811.5Methiocarb62032-65-70.0561.4Methomy1616752-77-
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-
00.0000630.005Oxamy1623135-22-00.0560.28Parathion56-38-20.0144.6Total PCBs (sum
of all PCB isomers, or all Aroclors)81336-36-30.1010Pebulate61114-71-

~~20.0421.4~~Pentachlorobenzene608-93-50.05510PeCDDs (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 anhydride85-44-90.05528~~Physostigmine657-47-60.0561.4Physostigmine salicylate657-64-70.0561.4Promecarb62631-37-00.0561.4Pronamide23950-58-50.0931.5Propam6122-42-90.0561.4Propoxur6114-26-10.0561.4Presulfocarb652888-80-90.0421.4~~Pyrene129-00-00.0678.2Pyridine110-86-10.01416Safrole94-59-70.08122Silvex (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-Tetrachlorophenol58-90-20.0307.4~~Thiodicarb659669-26-00.0191.4Thiophanate-methyl623564-05-80.0561.4~~Toluene108-88-30.08010Toxaphene8001-35-20.00952.6~~Triallate62303-17-50.0421.4~~Tribromomethane (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-trifluoroethane76-13-10.05730~~Triethylamine6101-44-80.0811.5~~tris-(2,3-Dibromopropyl) phosphate126-72-70.110.10~~Vernolate61929-77-70.0421.4~~Vinyl 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 Retort7439-97-6NAO.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 USEPA has ~~already expired by its own terms~~ removed and marked "reserved." 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) (~~2010~~-(2011)).

(Source: Amended at 36 Ill. Reg. _____, effective _____)

~~ILLINOIS REGISTER~~

~~POLLUTION CONTROL BOARD~~

~~NOTICE OF PROPOSED AMENDMENTS~~

JCAR350728-1201269r01

Document comparison done by DeltaView on Friday, January 27, 2012 11:06:22 AM

Input:	
Document 1	file:///I:/Input/35-728-Agency(issue5).doc
Document 2	file:///I:/Input/35-728-JCAR(R01)(issue5).doc
Rendering set	Standard

Legend:	
<u>Insertion</u>	
Deletion	
Moved from	
<u>Moved to</u>	
Style change	
Format change	
Moved deletion	
Inserted cell	
Deleted cell	
Moved cell	
Split/Merged cell	
Padding cell	

Statistics:	
	Count
Insertions	9
Deletions	41
Moved from	0
Moved to	0
Style change	0
Format changed	0
Total changes	50

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

6 PART 728
7 LAND DISPOSAL RESTRICTIONS
8

9 SUBPART A: GENERAL
10

11 Section

- 12 728.101 Purpose, Scope, and Applicability
13 728.102 Definitions
14 728.103 Dilution Prohibited as a Substitute for Treatment
15 728.104 Treatment Surface Impoundment Exemption
16 728.105 Procedures for Case-by-Case Extensions to an Effective Date
17 728.106 Petitions to Allow Land Disposal of a Waste Prohibited Pursuant to Subpart C
18 728.107 Testing, Tracking, and Recordkeeping Requirements for Generators, Treaters, and
19 Disposal Facilities
20 728.108 Landfill and Surface Impoundment Disposal Restrictions (Repealed)
21 728.109 Special Rules for Characteristic Wastes
22

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

26 Section

- 27 728.110 First Third (Repealed)
28 728.111 Second Third (Repealed)
29 728.112 Third Third (Repealed)
30 728.113 Newly Listed Wastes
31 728.114 Surface Impoundment Exemptions
32

33 SUBPART C: PROHIBITION ON LAND DISPOSAL
34

35 Section

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

44	728.136	Waste-Specific Prohibitions: Inorganic Chemical Wastes
45	728.137	Waste-Specific Prohibitions: Ignitable and Corrosive Characteristic Wastes
46		Whose Treatment Standards Were Vacated
47	728.138	Waste-Specific Prohibitions: Newly-Identified Organic Toxicity Characteristic
48		Wastes and Newly-Listed Coke By-Product and Chlorotoluene Production Wastes
49	728.139	Waste-Specific Prohibitions: Spent Aluminum Potliners and Carbamate Wastes

SUBPART D: TREATMENT STANDARDS

53	Section	
54	728.140	Applicability of Treatment Standards
55	728.141	Treatment Standards Expressed as Concentrations in Waste Extract
56	728.142	Treatment Standards Expressed as Specified Technologies
57	728.143	Treatment Standards Expressed as Waste Concentrations
58	728.144	Adjustment of Treatment Standard
59	728.145	Treatment Standards for Hazardous Debris
60	728.146	Alternative Treatment Standards Based on HTMR
61	728.148	Universal Treatment Standards
62	728.149	Alternative LDR Treatment Standards for Contaminated Soil

SUBPART E: PROHIBITIONS ON STORAGE

66	Section	
67	728.150	Prohibitions on Storage of Restricted Wastes
68		
69	728.APPENDIX A	Toxicity Characteristic Leaching Procedure (TCLP) (Repealed)
70	728.APPENDIX B	Treatment Standards (As concentrations in the Treatment Residual
71		Extract) (Repealed)
72	728.APPENDIX C	List of Halogenated Organic Compounds Regulated under Section
73		728.132
74	728.APPENDIX D	Wastes Excluded from Lab Packs
75	728.APPENDIX E	Organic Lab Packs (Repealed)
76	728.APPENDIX F	Technologies to Achieve Deactivation of Characteristics
77	728.APPENDIX G	Federal Effective Dates
78	728.APPENDIX H	National Capacity LDR Variances for UIC Wastes
79	728.APPENDIX I	EP Toxicity Test Method and Structural Integrity Test
80	728.APPENDIX J	Recordkeeping, Notification, and Certification Requirements (Repealed)
81	728.APPENDIX K	Metal-Bearing Wastes Prohibited from Dilution in a Combustion Unit
82		According to Section 728.103(c)
83	728.TABLE A	Constituent Concentrations in Waste Extract (CCWE)
84	728.TABLE B	Constituent Concentrations in Wastes (CCW)
85	728.TABLE C	Technology Codes and Description of Technology-Based Standards
86	728.TABLE D	Technology-Based Standards by RCRA Waste Code

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

94
 95 AUTHORITY: Implementing Sections 7.2 and 22.4 and authorized by Section 27 of the
 96 Environmental Protection Act [415 ILCS 5/7.2, 22.4, and 27].
 97

98 SOURCE: Adopted in R87-5 at 11 Ill. Reg. 19354, effective November 12, 1987; amended in
 99 R87-39 at 12 Ill. Reg. 13046, effective July 29, 1988; amended in R89-1 at 13 Ill. Reg. 18403,
 100 effective November 13, 1989; amended in R89-9 at 14 Ill. Reg. 6232, effective April 16, 1990;
 101 amended in R90-2 at 14 Ill. Reg. 14470, effective August 22, 1990; amended in R90-10 at 14 Ill.
 102 Reg. 16508, effective September 25, 1990; amended in R90-11 at 15 Ill. Reg. 9462, effective
 103 June 17, 1991; amended in R90-11 at 15 Ill. Reg. 11937, effective August 12, 1991; amendment
 104 withdrawn at 15 Ill. Reg. 14716, October 11, 1991; amended in R91-13 at 16 Ill. Reg. 9619,
 105 effective June 9, 1992; amended in R92-10 at 17 Ill. Reg. 5727, effective March 26, 1993;
 106 amended in R93-4 at 17 Ill. Reg. 20692, effective November 22, 1993; amended in R93-16 at 18
 107 Ill. Reg. 6799, effective April 26, 1994; amended in R94-7 at 18 Ill. Reg. 12203, effective July
 108 29, 1994; amended in R94-17 at 18 Ill. Reg. 17563, effective November 23, 1994; amended in
 109 R95-6 at 19 Ill. Reg. 9660, effective June 27, 1995; amended in R95-20 at 20 Ill. Reg. 11100,
 110 effective August 1, 1996; amended in R96-10/R97-3/R97-5 at 22 Ill. Reg. 783, effective
 111 December 16, 1997; amended in R98-12 at 22 Ill. Reg. 7685, effective April 15, 1998; amended
 112 in R97-21/R98-3/R98-5 at 22 Ill. Reg. 17706, effective September 28, 1998; amended in R98-
 113 21/R99-2/R99-7 at 23 Ill. Reg. 1964, effective January 19, 1999; amended in R99-15 at 23 Ill.
 114 Reg. 9204, effective July 26, 1999; amended in R00-13 at 24 Ill. Reg. 9623, effective June 20,
 115 2000; amended in R01-3 at 25 Ill. Reg. 1296, effective January 11, 2001; amended in R01-
 116 21/R01-23 at 25 Ill. Reg. 9181, effective July 9, 2001; amended in R02-1/R02-12/R02-17 at 26
 117 Ill. Reg. 6687, effective April 22, 2002; amended in R03-18 at 27 Ill. Reg. 13045, effective July
 118 17, 2003; amended in R05-8 at 29 Ill. Reg. 6049, effective April 13, 2005; amended in R06-
 119 5/R06-6/R06-7 at 30 Ill. Reg. 3800, effective February 23, 2006; amended in R06-16/R06-
 120 17/R06-18 at 31 Ill. Reg. 1254, effective December 20, 2006; amended in R07-5/R07-14 at 32
 121 Ill. Reg. 12840, effective July 14, 2008; amended in R09-3 at 33 Ill. Reg. 1186, effective
 122 December 30, 2008; amended in R11-2/R11-16 at 35 Ill. Reg. 18131, effective October 14,
 123 2011; amended in R12-7 at 36 Ill. Reg. _____, effective _____.

124 **Section 728.TABLE T Treatment Standards for Hazardous Wastes**
 125

126 Note: The treatment standards that heretofore appeared in tables in Sections 728.141, 728.142,
 127 and 728.143 have been consolidated into this table.
 128

129 Waste Code

130
 131 Waste Description and Treatment or Regulatory Subcategory¹
 132

Regulated Hazardous Constituent	Wastewaters	Nonwastewaters Concentration ⁵ in mg/kg unless noted as " mg/ℓ TCLP"; or Technology Code ⁴
Common Name	CAS ² Number	Concentration ³ in mg/ℓ; 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
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
D002 ⁹		RORGS; CMBST; or POLYM
Corrosive Characteristic Wastes.		

	NA	NA	DEACT and meet Section 728.148 standards ⁸	DEACT and meet Section 728.148 standards ⁸
152				
153	D002, D004, D005, D006, D007, D008, D009, D010, D011			
154				
155	Radioactive high level wastes generated during the reprocessing of fuel rods.			
156				
157	(Note: This subcategory consists of nonwastewaters only.)			
158				
	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
159				
160	D003 ⁹			
161				
162	Reactive Sulfides Subcategory based on 35 Ill. Adm. Code 721.123(a)(5).			
163				
164	NA	NA	DEACT	DEACT
165	D003 ⁹			
166				
167	Explosive subcategory based on 35 Ill. Adm. Code 721.123(a)(6), (a)(7), and (a)(8).			
168				
	NA	NA	DEACT and meet Section 728.148 standards ⁸	DEACT and meet Section 728.148 standards ⁸
169				
170	D003 ⁹			
171				
172	Unexploded ordnance and other explosive devices that have been the subject of an emergency			
173	response.			
174				
175	NA	NA	DEACT	DEACT
176	D003 ⁹			
177				

178	Other Reactives Subcategory based on 35 Ill. Adm. Code 721.123(a)(1).			
179	NA	NA	DEACT and meet Section 728.148 standards ⁸	DEACT and meet Section 728.148 standards ⁸
180	D003 ⁹			
181	D003 ⁹			
182	D003 ⁹			
183	Water Reactive Subcategory based on 35 Ill. Adm. Code 721.123(a)(2), (a)(3), and (a)(4).			
184	(Note: This subcategory consists of nonwastewaters only.)			
185	(Note: This subcategory consists of nonwastewaters only.)			
186	NA	NA	NA	DEACT and meet Section 728.148 standards ⁸
187	D003 ⁹			
188	D003 ⁹			
189	D003 ⁹			
190	Reactive Cyanides Subcategory based on 35 Ill. Adm. Code 721.123(a)(5).			
191	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
192	D004 ⁹			
193	D004 ⁹			
194	D004 ⁹			
195	Wastes that exhibit, or are expected to exhibit, the characteristic of toxicity for arsenic based on			
196	Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for			
197	Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number			
198	EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).			
199	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
200	D005 ⁹			
201	D005 ⁹			
202	D005 ⁹			
203	Wastes that exhibit, or are expected to exhibit, the characteristic of toxicity for barium based on			
204	Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for			
205	Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number			
206	EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).			
207	EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).			

208	Barium	7440-39-3	1.2 and meet Section 728.148 standards ⁸	21 mg/ℓ TCLP and meet Section 728.148 standards ⁸
209	D006 ⁹			
210				
211	Wastes that exhibit, or are expected to exhibit, the characteristic of toxicity for cadmium based			
212	on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for			
213	Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number			
214	EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).			
215				
	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
216				
217	D006 ⁹			
218				
219	Cadmium-Containing Batteries Subcategory.			
220				
221	(Note: This subcategory consists of nonwastewaters only.)			
222				
	Cadmium	7440-43-9	NA	RTHRM
223				
224	D006 ⁹			
225				
226	Radioactively contaminated cadmium-containing batteries.			
227				
228	(Note: This subcategory consists of nonwastewaters only.)			
229				
	Cadmium	7440-43-9	NA	Macroencapsulation in accordance with Section 728.145
230				
231	D007 ⁹			
232				
233	Wastes that exhibit, or are expected to exhibit, the characteristic of toxicity for chromium based			
234	on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for			
235	Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number			
236	EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).			
237				
	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

238
239
240
241
242
243
244
245

D008⁹
Wastes that exhibit, or are expected to exhibit, the characteristic of toxicity for lead based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

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

246
247
248
249
250
251
252
253
254
255

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.)

Lead	7439-92-1	NA	RLEAD
------	-----------	----	-------

256
257
258
259
260
261
262
263
264
265
266

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.)

Lead	7439-92-1	NA	MACRO
------	-----------	----	-------

267
268
269
270
271
272
273
274
275

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)

276	Mercury	7439-97-6	NA	IMERC; or RMERC
277				
278	D009 ⁹			
279				
280	Nonwastewaters that exhibit, or are expected to exhibit, the characteristic of toxicity for mercury			
281	based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods			
282	for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number			
283	EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a); and contain			
284	greater than or equal to 260 mg/kg total mercury that are inorganic, including incinerator			
285	residues and residues from RMERC. (High Mercury-Inorganic Subcategory)			
286				
	Mercury	7439-97-6	NA	RMERC
287				
288	D009 ⁹			
289				
290	Nonwastewaters that exhibit, or are expected to exhibit, the characteristic of toxicity for mercury			
291	based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods			
292	for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number			
293	EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a); and contain less			
294	than 260 mg/kg total mercury. (Low Mercury Subcategory)			
295				
	Mercury	7439-97-6	NA	0.20 mg/l TCLP and meet Section 728.148 standards ⁸
296				
297	D009 ⁹			
298				
299	All other nonwastewaters that exhibit, or are expected to exhibit, the characteristic of toxicity for			
300	mercury based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test			
301	Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number			
302	EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a); and contain less			
303	than 260 mg/kg total mercury and that are not residues from RMERC. (Low Mercury			
304	Subcategory)			
305				
	Mercury	7439-97-6	NA	0.025 mg/l TCLP and meet Section 728.148 standards ⁸
306				
307	D009 ⁹			
308				
309	All D009 wastewaters.			

310	Mercury	7439-97-6	0.15 and meet Section 728.148 standards ⁸	NA
311	D009 ⁹			
312				
313				
314	Elemental mercury contaminated with radioactive materials.			
315				
316	(Note: This subcategory consists of nonwastewaters only.)			
317				
	Mercury	7439-97-6	NA	AMLGM
318	D009 ⁹			
319				
320				
321	Hydraulic oil contaminated with Mercury Radioactive Materials Subcategory.			
322				
323	(Note: This subcategory consists of nonwastewaters only.)			
324				
	Mercury	7439-97-6	NA	IMERC
325	D009 ⁹			
326				
327				
328	Radioactively contaminated mercury-containing batteries.			
329				
330	(Note: This subcategory consists of nonwastewaters only.)			
331				
	Mercury	7439-97-6	NA	Macroencapsulation in accordance with Section 728.145
332	D010 ⁹			
333				
334				
335	Wastes that exhibit, or are expected to exhibit, the characteristic of toxicity for selenium based			
336	on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for			
337	Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number			
338	EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).			
339				
	Selenium	7782-49-2	0.82	5.7 mg/ℓ TCLP and meet Section 728.148 standards ⁸
340	D011 ⁹			
341				

342
 343 Wastes that exhibit, or are expected to exhibit, the characteristic of toxicity for silver based on
 344 Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for
 345 Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number
 346 EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).
 347

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

348
 349 D011⁹
 350
 351 Radioactively contaminated silver-containing batteries.
 352

353 (Note: This subcategory consists of nonwastewaters only.)
 354

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

355
 356 D012⁹
 357

358 Wastes that are TC for endrin based on Method 1311 (Toxicity Characteristic Leaching
 359 Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods,"
 360 USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code
 361 720.111(a).
 362

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
-----------------	-----------	--------------------	------------------------------------------------------------

363
 364 D013⁹
 365

366 Wastes that are TC for lindane based on Method 1311 (Toxicity Characteristic Leaching
 367 Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods,"
 368 USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code
 369 720.111(a).
 370

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

371
 372 D014⁹
 373
 374 Wastes that are TC for methoxychlor based on Method 1311 (Toxicity Characteristic Leaching
 375 Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods,"
 376 USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code
 377 720.111(a).
 378

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

379
 380 D015⁹
 381
 382 Wastes that are TC for toxaphene based on Method 1311 (Toxicity Characteristic Leaching
 383 Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods,"
 384 USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code
 385 720.111(a).
 386

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

387
 388 D016⁹
 389
 390 Wastes that are TC for 2,4-D (2,4-dichlorophenoxyacetic acid) based on Method 1311 (Toxicity
 391 Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste,
 392 Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by
 393 reference in 35 Ill. Adm. Code 720.111(a).
 394

395	2,4-D (2,4-dichlorophenoxyacetic acid)	94-75-7	CHOXD; BIODG; or CMBST	10 and meet Section 728.148 standards ⁸
396	D017 ⁹			
397				
398	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).			
399				
400				
401				
402	2,4,5-TP (Silvex)	93-72-1	CHOXD or CMBST	7.9 and meet Section 728.148 standards ⁸
403				
404	D018 ⁹			
405				
406	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).			
407				
408				
409				
410	Benzene	71-43-2	0.14 and meet Section 728.148 standards ⁸	10 and meet Section 728.148 standards ⁸
411				
412	D019 ⁹			
413				
414	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).			
415				
416				
417				
418	Carbon tetrachloride	56-23-5	0.057 and meet Section 728.148 standards ⁸	6.0 and meet Section 728.148 standards ⁸
419				
420	D020 ⁹			
421				
422	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).			
423				
424				
425				

426	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
427				
428	D021 ⁹			
429				
430	Wastes that are TC for chlorobenzene based on Method 1311 (Toxicity Characteristic Leaching			
431	Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods,"			
432	USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code			
433	720.111(a).			
434				
	Chlorobenzene	108-90-7	0.057 and meet Section 728.148 standards ⁸	6.0 and meet Section 728.148 standards ⁸
435				
436	D022 ⁹			
437				
438	Wastes that are TC for chloroform based on Method 1311 (Toxicity Characteristic Leaching			
439	Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods,"			
440	USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code			
441	720.111(a).			
442				
	Chloroform	67-66-3	0.046 and meet Section 728.148 standards ⁸	6.0 and meet Section 728.148 standards ⁸
443				
444	D023 ⁹			
445				
446	Wastes that are TC for o-cresol based on Method 1311 (Toxicity Characteristic Leaching			
447	Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods,"			
448	USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code			
449	720.111(a).			
450				
	o-Cresol	95-48-7	0.11 and meet Section 728.148 standards ⁸	5.6 and meet Section 728.148 standards ⁸
451				
452	D024 ⁹			
453				
454	Wastes that are TC for m-cresol based on Method 1311 (Toxicity Characteristic Leaching			
455	Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods,"			

456	USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code			
457	720.111(a).			
458				
	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
459				
460	D025 ⁹			
461				
462	Wastes that are TC for p-cresol based on Method 1311 (Toxicity Characteristic Leaching			
463	Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods,"			
464	USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code			
465	720.111(a).			
466				
	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
467				
468	D026 ⁹			
469				
470	Wastes that are TC for cresols (total) based on Method 1311 (Toxicity Characteristic Leaching			
471	Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods,"			
472	USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code			
473	720.111(a).			
474				
	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
475				
476	D027 ⁹			
477				
478	Wastes that are TC for p-dichlorobenzene based on Method 1311 (Toxicity Characteristic			
479	Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical			
480	Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill.			
481	Adm. Code 720.111(a).			
482				
	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
483				
484	D028 ⁹			
485				

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

490	1,2-Dichloroethane	107-06-2	0.21 and meet Section 728.148 standards ⁸	6.0 and meet Section 728.148 standards ⁸
-----	--------------------	----------	------------------------------------------------------------	-----------------------------------------------------------

491
 492 D029⁹

493
 494 Wastes that are TC for 1,1-dichloroethylene based on Method 1311 (Toxicity Characteristic
 495 Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical
 496 Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill.
 497 Adm. Code 720.111(a).

498	1,1-Dichloroethylene	75-35-4	0.025 and meet Section 728.148 standards ⁸	6.0 and meet Section 728.148 standards ⁸
-----	----------------------	---------	-------------------------------------------------------------	-----------------------------------------------------------

499
 500 D030⁹

501
 502 Wastes that are TC for 2,4-dinitrotoluene based on Method 1311 (Toxicity Characteristic
 503 Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical
 504 Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill.
 505 Adm. Code 720.111(a).

506	2,4-Dinitrotoluene	121-14-2	0.32 and meet Section 728.148 standards ⁸	140 and meet Section 728.148 standards ⁸
-----	--------------------	----------	------------------------------------------------------------	-----------------------------------------------------------

507
 508 D031⁹

509
 510 Wastes that are TC for heptachlor based on Method 1311 (Toxicity Characteristic Leaching
 511 Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods,"
 512 USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code
 513 720.111(a).

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

515	Heptachlor epoxide	1024-57-3	0.016 and meet Section 728.148 standards ⁸	0.066 and meet Section 728.148 standards ⁸
516	D032 ⁹			
517				
518	Wastes that are TC for hexachlorobenzene based on Method 1311 (Toxicity Characteristic			
519	Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical			
520	Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill.			
521	Adm. Code 720.111(a).			
522				
	Hexachlorobenzene	118-74-1	0.055 and meet Section 728.148 standards ⁸	10 and meet Section 728.148 standards ⁸
523				
524	D033 ⁹			
525				
526	Wastes that are TC for hexachlorobutadiene based on Method 1311 (Toxicity Characteristic			
527	Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical			
528	Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill.			
529	Adm. Code 720.111(a).			
530				
	Hexachlorobutadiene	87-68-3	0.055 and meet Section 728.148 standards ⁸	5.6 and meet Section 728.148 standards ⁸
531				
532	D034 ⁹			
533				
534	Wastes that are TC for hexachloroethane based on Method 1311 (Toxicity Characteristic			
535	Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical			
536	Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill.			
537	Adm. Code 720.111(a).			
538				
	Hexachloroethane	67-72-1	0.055 and meet Section 728.148 standards ⁸	30 and meet Section 728.148 standards ⁸
539				
540	D035 ⁹			
541				
542	Wastes that are TC for methyl ethyl ketone based on Method 1311 (Toxicity Characteristic			
543	Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical			
544	Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill.			
545	Adm. Code 720.111(a).			

546	Methyl ethyl ketone	78-93-3	0.28 and meet Section 728.148 standards ⁸	36 and meet Section 728.148 standards ⁸
547				
548	D036 ⁹			
549				
550	Wastes that are TC for nitrobenzene based on Method 1311 (Toxicity Characteristic Leaching			
551	Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods,"			
552	USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code			
553	720.111(a).			
554				
	Nitrobenzene	98-95-3	0.068 and meet Section 728.148 standards ⁸	14 and meet Section 728.148 standards ⁸
555				
556	D037 ⁹			
557				
558	Wastes that are TC for pentachlorophenol based on Method 1311 (Toxicity Characteristic			
559	Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical			
560	Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill.			
561	Adm. Code 720.111(a).			
562				
	Pentachlorophenol	87-86-5	0.089 and meet Section 728.148 standards ⁸	7.4 and meet Section 728.148 standards ⁸
563				
564	D038 ⁹			
565				
566	Wastes that are TC for pyridine based on Method 1311 (Toxicity Characteristic Leaching			
567	Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods,"			
568	USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code			
569	720.111(a).			
570				
	Pyridine	110-86-1	0.014 and meet Section 728.148 standards ⁸	16 and meet Section 728.148 standards ⁸
571				
572	D039 ⁹			
573				
574	Wastes that are TC for tetrachloroethylene based on Method 1311 (Toxicity Characteristic			
575	Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical			

576	Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill.			
577	Adm. Code 720.111(a).			
578				
	Tetrachloroethylene	127-18-4	0.056 and meet Section 728.148 standards ⁸	6.0 and meet Section 728.148 standards ⁸
579				
580	D040 ⁹			
581				
582	Wastes that are TC for trichloroethylene based on Method 1311 (Toxicity Characteristic			
583	Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical			
584	Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill.			
585	Adm. Code 720.111(a).			
586				
	Trichloroethylene	79-01-6	0.054 and meet Section 728.148 standards ⁸	6.0 and meet Section 728.148 standards ⁸
587				
588	D041 ⁹			
589				
590	Wastes that are TC for 2,4,5-trichlorophenol based on Method 1311 (Toxicity Characteristic			
591	Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical			
592	Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill.			
593	Adm. Code 720.111(a).			
594				
	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
595				
596	D042 ⁹			
597				
598	Wastes that are TC for 2,4,6-trichlorophenol based on Method 1311 (Toxicity Characteristic			
599	Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical			
600	Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill.			
601	Adm. Code 720.111(a).			
602				
	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
603				
604	D043 ⁹			
605				

606 Wastes that are TC for vinyl chloride based on Method 1311 (Toxicity Characteristic Leaching
 607 Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods,"
 608 USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code
 609 720.111(a).
 610

Vinyl chloride	75-01-4	0.27 and meet Section 728.148 standards ⁸	6.0 and meet Section 728.148 standards ⁸
----------------	---------	------------------------------------------------------------	-----------------------------------------------------------

611
 612 F001, F002, F003, F004 & F005
 613

614 F001, F002, F003, F004, or F005 solvent wastes that contain any combination of one or more of
 615 the following spent solvents: acetone, benzene, n-butyl alcohol, carbon disulfide, carbon
 616 tetrachloride, chlorinated fluorocarbons, chlorobenzene, o-cresol, m-cresol, p-cresol,
 617 cyclohexanone, o-dichlorobenzene, 2-ethoxyethanol, ethyl acetate, ethyl benzene, ethyl ether,
 618 isobutyl alcohol, methanol, methylene chloride, methyl ethyl ketone, methyl isobutyl ketone,
 619 nitrobenzene, 2-nitropropane, pyridine, tetrachloroethylene, toluene, 1,1,1-trichloroethane, 1,1,2-
 620 trichloroethane, 1,1,2-trichloro-1,2,2-trifluoroethane, trichloroethylene,
 621 trichloromonofluoromethane, or xylenes (except as specifically noted in other subcategories).
 622 See further details of these listings in 35 Ill. Adm. Code 721.131.
 623

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

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

624
 625 F001, F002, F003, F004 & F005
 626
 627 F003 and F005 solvent wastes that contain any combination of one or more of the following
 628 three solvents as the only listed F001 through F005 solvents: carbon disulfide, cyclohexanone,
 629 or methanol. (Formerly Section 728.141(c)).
 630

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

631
 632 F001, F002, F003, F004 & F005
 633
 634 F005 solvent waste containing 2-Nitropropane as the only listed F001 through F005 solvent.
 635

2-Nitropropane	79-46-9	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
----------------	---------	----------------------------------------------	-------

636
 637 F001, F002, F003, F004 & F005
 638
 639 F005 solvent waste containing 2-Ethoxyethanol as the only listed F001 through F005 solvent.
 640

	2-Ethoxyethanol	110-80-5	BIODG; or CMBST	CMBST
641				
642	F006			
643				
644	Wastewater treatment sludges from electroplating operations except from the following			
645	processes: (1) Sulfuric acid anodizing of aluminum; (2) tin plating on carbon steel; (3) zinc			
646	plating (segregated basis) on carbon steel; (4) aluminum or zinc-aluminum plating on carbon			
647	steel; (5) cleaning or stripping associated with tin, zinc, and aluminum plating on carbon steel;			
648	and (6) chemical etching and milling of aluminum.			
649				
	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
650				
651	F007			
652				
653	Spent cyanide plating bath solutions from electroplating operations.			
654				
	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
655				
656	F008			
657				
658	Plating bath residues from the bottom of plating baths from electroplating operations where			
659	cyanides are used in the process.			
660				
	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

661
 662 F009
 663
 664 Spent stripping and cleaning bath solutions from electroplating operations where cyanides are
 665 used in the process.
 666

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

667
 668 F010
 669
 670 Quenching bath residues from oil baths from metal heat-treating operations where cyanides are
 671 used in the process.
 672

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

673
 674 F011
 675
 676 Spent cyanide solutions from salt bath pot cleaning from metal heat-treating operations.
 677

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

678
 679 F012
 680
 681 Quenching wastewater treatment sludges from metal heat-treating operations where cyanides are
 682 used in the process.
 683

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

684	Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
685	Nickel	7440-02-0	3.98	11 mg/ℓ TCLP
686	Silver	7440-22-4	NA	0.14 mg/ℓ TCLP
687	F019			
688	Wastewater treatment sludges from the chemical conversion coating of aluminum, except from			
689	zirconium phosphating in aluminum can washing when such phosphating is an exclusive			
690	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
691	F020, F021, F022, F023, F026			
692	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the			
693	production or manufacturing use (as a reactant, chemical intermediate, or component in a			
694	formulating process) of: (1) tri- or tetrachlorophenol, or of intermediates used to produce their			
695	pesticide derivatives, excluding wastes from the production of Hexachlorophene from highly			
696	purified 2,4,5-trichlorophenol (i.e., F020); (2) pentachlorophenol, or of intermediates used to			
697	produce its derivatives (i.e., F021); (3) tetra-, penta-, or hexachlorobenzenes under alkaline			
698	conditions (i.e., F022) and wastes (except wastewater and spent carbon from hydrogen chloride			
699	purification) from the production of materials on equipment previously used for the production			
700	or manufacturing use (as a reactant, chemical intermediate, or component in a formulating			
701	process) of: (1) tri- or tetrachlorophenols, excluding wastes from equipment used only for the			
702	production of Hexachlorophene from highly purified 2,4,5-trichlorophenol (F023) or (2) tetra-,			
703	penta-, or hexachlorobenzenes under alkaline conditions (i.e., F026).			
704				
705	HxCDDs (All	NA	0.000063	0.001
706	Hexachlorodibenzo-p-dioxins)			
	HxCDFs (All	55684-94-1	0.000063	0.001
	Hexachlorodibenzofurans)			
	PeCDDs (All	36088-22-9	0.000063	0.001
	Pentachlorodibenzo-p-dioxins)			
	PeCDFs (All	30402-15-4	0.000035	0.001
	Pentachlorodibenzofurans)			
	Pentachlorophenol	87-86-5	0.089	7.4
	TCDDs (All	41903-57-5	0.000063	0.001
	Tetrachlorodibenzo-p-dioxins)			
	TCDFs (All	55722-27-5	0.000063	0.001
	Tetrachlorodibenzofurans)			
	2,4,5-Trichlorophenol	95-95-4	0.18	7.4

707	2,4,6-Trichlorophenol	88-06-2	0.035	7.4
708	2,3,4,6-Tetrachlorophenol	58-90-2	0.030	7.4
709	F024			
710	Process wastes, including but not limited to, distillation residues, heavy ends, tars, and reactor			
711	clean-out wastes, from the production of certain chlorinated aliphatic hydrocarbons by free			
712	radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon			
713	chain lengths ranging from one to and including five, with varying amounts and positions of			
714	chlorine substitution. (This listing does not include wastewaters, wastewater treatment sludges,			
715	spent catalysts, and wastes listed in 35 Ill. Adm. Code 721.131 or 721.132.)			
716	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
717	F025			
718	Condensed light ends from the production of certain chlorinated aliphatic hydrocarbons by free			
719	radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon			
720	chain lengths ranging from one up to and including five, with varying amounts and positions of			
721	chlorine substitution. F025 – Light Ends Subcategory.			
722	Carbon tetrachloride	56-23-5	0.057	6.0
723	Chloroform	67-66-3	0.046	6.0
724	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
725	F025			
726				
727				

728 Spent filters and filter aids, and spent desiccant wastes from the production of certain chlorinated
 729 aliphatic hydrocarbons by free radical catalyzed processes. These chlorinated aliphatic
 730 hydrocarbons are those having carbon chain lengths ranging from one to and including five, with
 731 varying amounts and positions of chlorine substitution. F025 – Spent Filters/Aids and Desiccants
 732 Subcategory.
 733

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

734
 735 F027
 736
 737 Discarded unused formulations containing tri-, tetra-, or pentachlorophenol or discarded unused
 738 formulations containing compounds derived from these chlorophenols. (This listing does not
 739 include formulations containing hexachlorophene synthesized from prepurified 2,4,5-
 740 trichlorophenol as the sole component.)
 741

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

742
 743 F028
 744

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

747

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

748
 749 F032
 750
 751 Wastewaters (except those that have not come into contact with process contaminants), process
 752 residuals, preservative drippage, and spent formulations from wood preserving processes
 753 generated at plants that currently use or have previously used chlorophenolic formulations
 754 (except potentially cross-contaminated wastes that have had the F032 waste code deleted in
 755 accordance with 35 Ill. Adm. Code 721.135 or potentially cross-contaminated wastes that are
 756 otherwise currently regulated as hazardous wastes (i.e., F034 or F035), where the generator does
 757 not resume or initiate use of chlorophenolic formulations). This listing does not include K001
 758 bottom sediment sludge from the treatment of wastewater from wood preserving processes that
 759 use creosote or penta-chlorophenol.

760

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

761

762 F034

763

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

769

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

770

771 F035

772

773 Wastewaters (except those that have not come into contact with process contaminants), process
 774 residuals, preservative drippage, and spent formulations from wood preserving processes that are
 775 generated at plants that use inorganic preservatives containing arsenic or chromium. This listing
 776 does not include K001 bottom sediment sludge from the treatment of wastewater from wood
 777 preserving processes that use creosote or pentachlorophenol.
 778

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

779

780 F037

781

782 Petroleum refinery primary oil/water/solids separation sludge – any sludge generated from the
 783 gravitational separation of oil/water/solids during the storage or treatment of process wastewaters
 784 and oily cooling wastewaters from petroleum refineries. Such sludges include, but are not limited
 785 to, those generated in: oil/water/solids separators; tanks, and impoundments; ditches, and other
 786 conveyances; sumps; and stormwater units receiving dry weather flow. Sludge generated in
 787 stormwater units that do not receive dry weather flow, sludges generated from non-contact once-
 788 through cooling waters segregated for treatment from other process or oily cooling waters,
 789 sludges generated in aggressive biological treatment units as defined in 35 Ill. Adm. Code
 790 721.131(b)(2) (including sludges generated in one or more additional units after wastewaters
 791 have been treated in aggressive biological treatment units) and K051 wastes are not included in
 792 this listing.
 793

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

794
 795 F038
 796
 797 Petroleum refinery secondary (emulsified) oil/water/solids separation sludge or float generated
 798 from the physical or chemical separation of oil/water/solids in process wastewaters and oily
 799 cooling wastewaters from petroleum refineries. Such wastes include, but are not limited to, all
 800 sludges and floats generated in: induced air floatation (IAF) units, tanks, and impoundments,
 801 and all sludges generated in DAF units. Sludges generated in stormwater units that do not receive
 802 dry weather flow, sludges generated from non-contact once-through cooling waters segregated
 803 for treatment from other process or oily cooling waters, sludges, and floats generated in
 804 aggressive biological treatment units as defined in 35 Ill. Adm. Code 721.131(b)(2) (including
 805 sludges and floats generated in one or more additional units after wastewaters have been treated
 806 in aggressive biological units) and F037, K048, and K051 are not included in this listing.
 807

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

808
809
810
811
812
813
814
815
816

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

817
 818 K001
 819
 820 Bottom sediment sludge from the treatment of wastewaters from wood preserving processes that
 821 use creosote or pentachlorophenol.
 822

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

823
 824 K002
 825
 826 Wastewater treatment sludge from the production of chrome yellow and orange pigments.
 827

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

828
 829 K003
 830
 831 Wastewater treatment sludge from the production of molybdate orange pigments.
 832

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

833				
834	K004			
835				
836	Wastewater treatment sludge from the production of zinc yellow pigments.			
837				
	Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
	Lead	7439-92-1	0.69	0.75 mg/l TCLP
838				
839	K005			
840				
841	Wastewater treatment sludge from the production of chrome green pigments.			
842				
	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
843				
844	K006			
845				
846	Wastewater treatment sludge from the production of chrome oxide green pigments (anhydrous).			
847				
	Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
	Lead	7439-92-1	0.69	0.75 mg/l TCLP
848				
849	K006			
850				
851	Wastewater treatment sludge from the production of chrome oxide green pigments (hydrated).			
852				
	Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
	Lead	7439-92-1	0.69	NA
853				
854	K007			
855				
856	Wastewater treatment sludge from the production of iron blue pigments.			
857				
	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
858				
859	K008			
860				
861	Oven residue from the production of chrome oxide green pigments.			
862				
	Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP

863	Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
864	K009			
865				
866	Distillation bottoms from the production of acetaldehyde from ethylene.			
867				
868	Chloroform	67-66-3	0.046	6.0
869	K010			
870				
871	Distillation side cuts from the production of acetaldehyde from ethylene.			
872				
873	Chloroform	67-66-3	0.046	6.0
874	K011			
875				
876	Bottom stream from the wastewater stripper in the production of acrylonitrile.			
877				
	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
878				
879	K013			
880				
881	Bottom stream from the acetonitrile column in the production of acrylonitrile.			
882				
	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
883				
884	K014			
885				
886	Bottoms from the acetonitrile purification column in the production of acrylonitrile.			
887				
	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

888				
889	K015			
890				
891	Still bottoms from the distillation of benzyl chloride.			
892				
	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
893				
894	K016			
895				
896	Heavy ends or distillation residues from the production of carbon tetrachloride.			
897				
	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
898				
899	K017			
900				
901	Heavy ends (still bottoms) from the purification column in the production of epichlorohydrin.			
902				
	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
903				
904	K018			
905				
906	Heavy ends from the fractionation column in ethyl chloride production.			
907				
	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

908	1,2-Dichloroethane	107-06-2	0.21	6.0
909	Hexachlorobenzene	118-74-1	0.055	10
910	Hexachlorobutadiene	87-68-3	0.055	5.6
911	Hexachloroethane	67-72-1	0.055	30
912	Pentachloroethane	76-01-7	NA	6.0
	1,1,1-Trichloroethane	71-55-6	0.054	6.0
908				
909	K019			
910				
911	Heavy ends from the distillation of ethylene dichloride in ethylene dichloride production.			
912				
	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
913				
914	K020			
915				
916	Heavy ends from the distillation of vinyl chloride in vinyl chloride monomer production.			
917				
	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
918				
919	K021			
920				
921	Aqueous spent antimony catalyst waste from fluoromethanes production.			
922				
	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
923				
924	K022			
925				

926	Distillation bottom tars from the production of phenol or acetone from cumene.			
927				
	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
928				
929	K023			
930				
931	Distillation light ends from the production of phthalic anhydride from naphthalene.			
932				
	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
933				
934	K024			
935				
936	Distillation bottoms from the production of phthalic anhydride from naphthalene.			
937				
	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
938				
939	K025			
940				
941	Distillation bottoms from the production of nitrobenzene by the nitration of benzene.			
942				
	NA	NA	LLEXT fb SSTRP fb CARBN; or CMBST	CMBST

943				
944	K026			
945				
946	Stripping still tails from the production of methyl ethyl pyridines.			
947				
	NA	NA	CMBST	CMBST
948				
949	K027			
950				
951	Centrifuge and distillation residues from toluene diisocyanate production.			
952				
	NA	NA	CARBN; or CMBST	CMBST
953				
954	K028			
955				
956	Spent catalyst from the hydrochlorinator reactor in the production of 1,1,1-trichloroethane.			
957				
	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
958				
959	K029			
960				
961	Waste from the product steam stripper in the production of 1,1,1-trichloroethane.			
962				
	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
963				

964	K030			
965				
966	Column bodies or heavy ends from the combined production of trichloroethylene and			
967	perchloroethylene.			
968				
	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
969				
970	K031			
971				
972	By-product salts generated in the production of MSMA and cacodylic acid.			
973				
	Arsenic	7440-38-2	1.4	5.0 mg/l TCLP
974				
975	K032			
976				
977	Wastewater treatment sludge from the production of chlordane.			
978				
	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
979				
980	K033			
981				
982	Wastewater and scrub water from the chlorination of cyclopentadiene in the production of			
983	chlordane.			
984				
	Hexachlorocyclopentadiene	77-47-4	0.057	2.4
985				
986	K034			
987				
988	Filter solids from the filtration of hexachlorocyclopentadiene in the production of chlordane.			
989				
	Hexachlorocyclopentadiene	77-47-4	0.057	2.4

990				
991	K035			
992				
993	Wastewater treatment sludges generated in the production of creosote.			
994				
	Acenaphthene	83-32-9	NA	3.4
	Anthracene	120-12-7	NA	3.4
	Benz(a)anthracene	56-55-3	0.059	3.4
	Benzo(a)pyrene	50-32-8	0.061	3.4
	Chrysene	218-01-9	0.059	3.4
	o-Cresol	95-48-7	0.11	5.6
	m-Cresol	108-39-4	0.77	5.6
	(difficult to distinguish from p-cresol)			
	p-Cresol	106-44-5	0.77	5.6
	(difficult to distinguish from m-cresol)			
	Dibenz(a,h)anthracene	53-70-3	NA	8.2
	Fluoranthene	206-44-0	0.068	3.4
	Fluorene	86-73-7	NA	3.4
	Indeno(1,2,3-cd)pyrene	193-39-5	NA	3.4
	Naphthalene	91-20-3	0.059	5.6
	Phenanthrene	85-01-8	0.059	5.6
	Phenol	108-95-2	0.039	6.2
	Pyrene	129-00-0	0.067	8.2
995				
996	K036			
997				
998	Still bottoms from toluene reclamation distillation in the production of disulfoton.			
999				
	Disulfoton	298-04-4	0.017	6.2
1000				
1001	K037			
1002				
1003	Wastewater treatment sludges from the production of disulfoton.			
1004				
	Disulfoton	298-04-4	0.017	6.2
	Toluene	108-88-3	0.080	10
1005				
1006	K038			
1007				
1008	Wastewater from the washing and stripping of phorate production.			
1009				

1010	Phorate	298-02-2	0.021	4.6
1011	K039			
1012				
1013	Filter cake from the filtration of diethylphosphorodithioic acid in the production of phorate.			
1014	NA	NA	CARBN; or CMBST	CMBST
1015				
1016	K040			
1017				
1018	Wastewater treatment sludge from the production of phorate.			
1019				
1020	Phorate	298-02-2	0.021	4.6
1021	K041			
1022				
1023	Wastewater treatment sludge from the production of toxaphene.			
1024				
1025	Toxaphene	8001-35-2	0.0095	2.6
1026	K042			
1027				
1028	Heavy ends or distillation residues from the distillation of tetrachlorobenzene in the production			
1029	of 2,4,5-T.			
1030				
	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
1031				
1032	K043			
1033				
1034	2,6-Dichlorophenol waste from the production of 2,4-D.			
1035				
	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
1036				
1037	K044			
1038				
1039	Wastewater treatment sludges from the manufacturing and processing of explosives.			
1040	NA	NA	DEACT	DEACT
1041				
1042	K045			
1043				
1044	Spent carbon from the treatment of wastewater containing explosives.			
1045	NA	NA	DEACT	DEACT
1046				
1047	K046			
1048				
1049	Wastewater treatment sludges from the manufacturing, formulation and loading of lead-based initiating compounds.			
1050				
1051	Lead	7439-92-1	0.69	0.75 mg/l TCLP
1052				
1053	K047			
1054				
1055	Pink or red water from TNT operations.			
1056	NA	NA	DEACT	DEACT
1057				
1058	K048			
1059				
1060	Dissolved air flotation (DAF) float from the petroleum refining industry.			
1061	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

1062

1063 K049

1064

1065 Slop oil emulsion solids from the petroleum refining industry.

1066

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

1067				
1068	K050			
1069				
1070	Heat exchanger bundle cleaning sludge from the petroleum refining industry.			
1071				
	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
1072				
1073	K051			
1074				
1075	API separator sludge from the petroleum refining industry.			
1076				
	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
1077				
1078	K052			
1079				
1080	Tank bottoms (leaded) from the petroleum refining industry.			
1081				

	Benzene	71-43-2	0.14	10
	Benzo(a)pyrene	50-32-8	0.061	3.4
	o-Cresol	95-48-7	0.11	5.6
	m-Cresol	108-39-4	0.77	5.6
	(difficult to distinguish from p-cresol)			
	p-Cresol	106-44-5	0.77	5.6
	(difficult to distinguish from m-cresol)			
	2,4-Dimethylphenol	105-67-9	0.036	NA
	Ethylbenzene	100-41-4	0.057	10
	Naphthalene	91-20-3	0.059	5.6
	Phenanthrene	85-01-8	0.059	5.6
	Phenol	108-95-2	0.039	6.2
	Toluene	108-88-3	0.08	10
	Xylenes-mixed isomers	1330-20-7	0.32	30
	(sum of o-, m-, and p-xylene concentrations)			
	Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
	Cyanides (Total) ⁷	57-12-5	1.2	590
	Lead	7439-92-1	0.69	NA
	Nickel	7440-02-0	NA	11 mg/ℓ TCLP
1082				
1083	K060			
1084				
1085	Ammonia still lime sludge from coking operations.			
1086				
	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
1087				
1088	K061			
1089				
1090	Emission control dust or sludge from the primary production of steel in electric furnaces.			
1091				
	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
1092				
1093	K062			
1094				
1095	Spent pickle liquor generated by steel finishing operations of facilities within the iron and steel			
1096	industry (SIC Codes 331 and 332).			
1097				
	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
1098				
1099	K069			
1100				
1101	Emission control dust or sludge from secondary lead smelting-Calcium sulfate (Low Lead)			
1102	Subcategory.			
1103				
	Cadmium	7440-43-9	0.69	0.11 mg/l TCLP
	Lead	7439-92-1	0.69	0.75 mg/l TCLP
1104				
1105	K069			
1106				
1107	Emission control dust or sludge from secondary lead smelting-Non-Calcium sulfate (High Lead)			
1108	Subcategory.			
1109				
	NA	NA	NA	RLEAD
1110				
1111	K071			
1112				
1113	K071 (Brine purification muds from the mercury cell process in chlorine production, where			
1114	separately prepurified brine is not used) nonwastewaters that are residues from RMERC.			
1115				
	Mercury	7439-97-6	NA	0.20 mg/l TCLP
1116				
1117	K071			
1118				
1119	K071 (Brine purification muds from the mercury cell process in chlorine production, where			
1120	separately prepurified brine is not used) nonwastewaters that are not residues from RMERC.			

1121	Mercury	7439-97-6	NA	0.025 mg/ℓ TCLP
1122				
1123	K071			
1124				
1125	All K071 wastewaters.			
1126	Mercury	7439-97-6	0.15	NA
1127				
1128	K073			
1129				
1130	Chlorinated hydrocarbon waste from the purification step of the diaphragm cell process using			
1131	graphite anodes in chlorine production.			
1132				
	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
1133				
1134	K083			
1135				
1136	Distillation bottoms from aniline production.			
1137				
	Aniline	62-53-3	0.81	14
	Benzene	71-43-2	0.14	10
	Cyclohexanone	108-94-1	0.36	NA
	Diphenylamine	122-39-4	0.92	13
	(difficult to distinguish from diphenylnitrosamine)			
	Diphenylnitrosamine (difficult to distinguish from diphenylamine)	86-30-6	0.92	13
	Nitrobenzene	98-95-3	0.068	14
	Phenol	108-95-2	0.039	6.2
	Nickel	7440-02-0	3.98	11 mg/ℓ TCLP
1138				
1139	K084			
1140				
1141	Wastewater treatment sludges generated during the production of veterinary pharmaceuticals			
1142	from arsenic or organo-arsenic compounds.			
1143				
	Arsenic	7440-38-2	1.4	5.0 mg/ℓ TCLP

1144
1145
1146
1147
1148

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	1336-36-3	0.10	10
(sum of all PCB isomers, or all Aroclors)			
Pentachlorobenzene	608-93-5	0.055	10
1,2,4,5-Tetrachlorobenzene	95-94-3	0.055	14
1,2,4-Trichlorobenzene	120-82-1	0.055	19

1149
1150
1151
1152
1153
1154
1155

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
1156				
1157	K087			
1158				
1159	Decanter tank tar sludge from coking operations.			
1160				
	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
1161				
1162	K088			
1163				
1164	Spent potliners from primary aluminum reduction.			
1165				
	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

1166

1167 K093

1168

1169 Distillation light ends from the production of phthalic anhydride from ortho-xylene.

1170

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

1171

1172 K094

1173

1174 Distillation bottoms from the production of phthalic anhydride from ortho-xylene.

1175

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

1176

1177 K095

1178

1179 Distillation bottoms from the production of 1,1,1-trichloroethane.

1180

	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
1181				
1182	K096			
1183				
1184	Heavy ends from the heavy ends column from the production of 1,1,1-trichloroethane.			
1185				
	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
1186				
1187	K097			
1188				
1189	Vacuum stripper discharge from the chlordane chlorinator in the production of chlordane.			
1190				
	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
1191				
1192	K098			
1193				
1194	Untreated process wastewater from the production of toxaphene.			
1195				
	Toxaphene	8001-35-2	0.0095	2.6
1196				
1197	K099			
1198				
1199	Untreated wastewater from the production of 2,4-D.			
1200				
	2,4-Dichlorophenoxyacetic acid	94-75-7	0.72	10
	HxCDDs (All	NA	0.000063	0.001
	Hexachlorodibenzo-p-dioxins)			

1201	HxCDFs (All Hexachlorodibenzofurans)	55684-94-1	0.000063	0.001
1202	PeCDDs (All Pentachlorodibenzo-p-dioxins)	36088-22-9	0.000063	0.001
1203	PeCDFs (All Pentachlorodibenzofurans)	30402-15-4	0.000035	0.001
1204	TCDDs (All Tetrachlorodibenzo-p-dioxins)	41903-57-5	0.000063	0.001
1205	TCDFs (All Tetrachlorodibenzofurans)	55722-27-5	0.000063	0.001
1206	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
1207				
1208	K101			
1209				
1210	Distillation tar residues from the distillation of aniline-based compounds in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.			
1211				
1212	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
1213				
1214	K102			
1215				
1216	Residue from the use of activated carbon for decolorization in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.			
1217				
1218	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
1219				
1220	K103			

1221				
1222	Process residues from aniline extraction from the production of aniline.			
1223				
	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
1224				
1225	K104			
1226				
1227	Combined wastewater streams generated from nitrobenzene or aniline production.			
1228				
	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
1229				
1230	K105			
1231				
1232	Separated aqueous stream from the reactor product washing step in the production of			
1233	chlorobenzenes.			
1234				
	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
1235				
1236	K106			
1237				
1238	K106 (wastewater treatment sludge from the mercury cell process in chlorine production)			
1239	nonwastewaters that contain greater than or equal to 260 mg/kg total mercury.			
1240				
	Mercury	7439-97-6	NA	RMERC
1241				
1242	K106			
1243				

1244	K106 (wastewater treatment sludge from the mercury cell process in chlorine production)			
1245	nonwastewaters that contain less than 260 mg/kg total mercury that are residues from RMERC.			
1246				
	Mercury	7439-97-6	NA	0.20 mg/ℓ TCLP
1247				
1248	K106			
1249				
1250	Other K106 nonwastewaters that contain less than 260 mg/kg total mercury and are not residues			
1251	from RMERC.			
1252				
	Mercury	7439-97-6	NA	0.025 mg/ℓ TCLP
1253				
1254	K106			
1255				
1256	All K106 wastewaters.			
1257				
	Mercury	7439-97-6	0.15	NA
1258				
1259	K107			
1260				
1261	Column bottoms from product separation from the production of 1,1-dimethylhydrazine			
1262	(UDMH) from carboxylic acid hydrazides.			
1263				
	NA	NA	CMBST; or CHOXD fb CARBN; or BIODG fb CARBN	CMBST
1264				
1265	K108			
1266				
1267	Condensed column overheads from product separation and condensed reactor vent gases from			
1268	the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazides.			
1269				
	NA	NA	CMBST; or CHOXD fb CARBN; or BIODG fb CARBN	CMBST
1270				
1271	K109			
1272				

1273	Spent filter cartridges from product purification from the production of 1,1-dimethylhydrazine			
1274	(UDMH) from carboxylic acid hydrazides.			
1275	NA	NA	CMBST; or CHOXD fb CARBN; or BIODG fb CARBN	CMBST
1276	K110			
1277	K110			
1278	K110			
1279	Condensed column overheads from intermediate separation from the production of 1,1-			
1280	dimethylhydrazine (UDMH) from carboxylic acid hydrazides.			
1281	NA	NA	CMBST; or CHOXD fb CARBN; or BIODG fb CARBN	CMBST
1282	K111			
1283	K111			
1284	K111			
1285	Product washwaters from the production of dinitrotoluene via nitration of toluene.			
1286	2,4-Dinitrotoluene	121-14-2	0.32	140
	2,6-Dinitrotoluene	606-20-2	0.55	28
1287	K112			
1288	K112			
1289	K112			
1290	Reaction by-product water from the drying column in the production of toluenediamine via			
1291	hydrogenation of dinitrotoluene.			
1292	NA	NA	CMBST; or CHOXD fb CARBN; or BIODG fb CARBN	CMBST
1293	K113			
1294	K113			
1295	K113			
1296	Condensed liquid light ends from the purification of toluenediamine in the production of			
1297	toluenediamine via hydrogenation of dinitrotoluene.			

1298	NA	NA	CARBN; or CMBST	CMBST
1299				
1300	K114			
1301				
1302	Vicinals from the purification of toluenediamine in the production of toluenediamine via			
1303	hydrogenation of dinitrotoluene.			
1304	NA	NA	CARBN; or CMBST	CMBST
1305				
1306	K115			
1307				
1308	Heavy ends from the purification of toluenediamine in the production of toluenediamine via			
1309	hydrogenation of dinitrotoluene.			
1310	Nickel	7440-02-0	3.98	11 mg/ℓ TCLP
	NA	NA	CARBN; or CMBST	CMBST
1311				
1312	K116			
1313				
1314	Organic condensate from the solvent recovery column in the production of toluene diisocyanate			
1315	via phosgenation of toluenediamine.			
1316	NA	NA	CARBN; or CMBST	CMBST
1317				
1318	K117			
1319				
1320	Wastewater from the reactor vent gas scrubber in the production of ethylene dibromide via			
1321	bromination of ethene.			
1322	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
1323				
1324	K118			
1325				

1326	Spent absorbent solids from purification of ethylene dibromide in the production of ethylene			
1327	dibromide via bromination of ethene.			
1328	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
1329				
1330	K123			
1331				
1332	Process wastewater (including supernates, filtrates, and washwaters) from the production of			
1333	ethylenebisdithiocarbamic acid and its salts.			
1334	NA	NA	CMBST; or CHOXD fb (BIODG or CARBN)	CMBST
1335				
1336	K124			
1337				
1338	Reactor vent scrubber water from the production of ethylenebisdithiocarbamic acid and its salts.			
1339	NA	NA	CMBST; or CHOXD fb (BIODG or CARBN)	CMBST
1340				
1341	K125			
1342				
1343	Filtration, evaporation, and centrifugation solids from the production of			
1344	ethylenebisdithiocarbamic acid and its salts.			
1345	NA	NA	CMBST; or CHOXD fb (BIODG or CARBN)	CMBST
1346				
1347	K126			
1348				
1349	Baghouse dust and floor sweepings in milling and packaging operations from the production or			
1350	formulation of ethylenebisdithiocarbamic acid and its salts.			
1351				

NA	NA	CMBST; or CHOXD fb (BIODG or CARBN)	CMBST
1352			
1353	K131		
1354			
1355	Wastewater from the reactor and spent sulfuric acid from the acid dryer from the production of		
1356	methyl bromide.		
1357	Methyl bromide (Bromomethane)	74-83-9	0.11
			15
1358			
1359	K132		
1360			
1361	Spent absorbent and wastewater separator solids from the production of methyl bromide.		
1362	Methyl bromide (Bromomethane)	74-83-9	0.11
			15
1363			
1364	K136		
1365			
1366	Still bottoms from the purification of ethylene dibromide in the production of ethylene dibromide		
1367	via bromination of ethene.		
1368	Methyl bromide (Bromomethane)	74-83-9	0.11
			15
	Chloroform	67-66-3	0.046
	Ethylene dibromide (1,2- Dibromoethane)	106-93-4	0.028
			15
1369			
1370	K141		
1371			
1372	Process residues from the recovery of coal tar, including, but not limited to, collecting sump		
1373	residues from the production of coke or the recovery of coke by-products produced from coal.		
1374	This listing does not include K087 (decanter tank tar sludge from coking operations).		
1375			
	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

1376	Benzo(k)fluoranthene (difficult to distinguish from benzo(b)fluoranthene)	207-08-9	0.11	6.8
1377	Chrysene	218-01-9	0.059	3.4
1378	Dibenz(a,h)anthracene	53-70-3	0.055	8.2
1379	Indeno(1,2,3-cd)pyrene	193-39-5	0.0055	3.4
1380	Tar storage tank residues from the production of coke from coal or from the recovery of coke by-products produced from coal.			
1381	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
1382	K143			
1383	K143			
1384	K143			
1385	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.			
1386	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.			
1387	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.			
1388	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
1389	K144			
1390	K144			

1391				
1392	Wastewater sump residues from light oil refining, including, but not limited to, intercepting or			
1393	contamination sump sludges from the recovery of coke by-products produced from coal.			
1394				
	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
1395				
1396	K145			
1397				
1398	Residues from naphthalene collection and recovery operations from the recovery of coke by-			
1399	products produced from coal.			
1400				
	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
1401				
1402	K147			
1403				
1404	Tar storage tank residues from coal tar refining.			
1405				
	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

1406	Indeno(1,2,3-cd)pyrene	193-39-5	0.0055	3.4
1407	K148			
1408				
1409	Residues from coal tar distillation, including, but not limited to, still bottoms.			
1410				
	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
1411				
1412	K149			
1413				
1414	Distillation bottoms from the production of α - (or methyl-) chlorinated toluenes, ring-chlorinated			
1415	toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups. (This			
1416	waste does not include still bottoms from the distillations of benzyl chloride.)			
1417				
	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
1418				
1419	K150			
1420				
1421	Organic residuals, excluding spent carbon adsorbent, from the spent chlorine gas and			
1422	hydrochloric acid recovery processes associated with the production of α - (or methyl-)			
1423	chlorinated toluenes, ring-chlorinated toluenes, benzoyl chlorides, and compounds with mixtures			
1424	of these functional groups.			
1425				
	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
1426				
1427	K151			
1428				
1429	Wastewater treatment sludges, excluding neutralization and biological sludges, generated during			
1430	the treatment of wastewaters from the production of α - (or methyl-) chlorinated toluenes, ring-			
1431	chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional			
1432	groups.			
1433				
	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
1434				
1435	K156			
1436				
1437	Organic waste (including heavy ends, still bottoms, light ends, spent solvents, filtrates, and			
1438	decantates) from the production of carbamates and carbamoyl oximes. (This listing does not			
1439	apply to wastes generated from the manufacture of 3-iodo-2-propynyl n-butylcarbamate.)			
1440				
	Acetonitrile	75-05-8	5.6	1.8
	Acetophenone	98-86-2	0.010	9.7
	Aniline	62-53-3	0.81	14
	Benomyl ¹⁰	17804-35-2	0.056; or CMBST, <u>CHOXD, BIODG</u> or CARBN	1.4; or CMBST
	Benzene	71-43-2	0.14	10
	Carbaryl ¹⁰	63-25-21	0.006; or CMBST, <u>CHOXD, BIODG</u> or CARBN	0.14; or CMBST
	Carbenzadim ¹⁰	10605-21-7	0.056; or CMBST, <u>CHOXD, BIODG</u> or CARBN	1.4; or CMBST

Carbofuran ¹⁰	1563-66-2	0.006; or <u>CMBST, CHOXD, BIODG</u> or <u>CARBN</u>	0.14; or <u>CMBST</u>
Carbosulfan ¹⁰	55285-14-8	0.028; or <u>CMBST, CHOXD, BIODG</u> or <u>CARBN</u>	1.4; or <u>CMBST</u>
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 ¹⁰	16752-77-5	0.028; or <u>CMBST, CHOXD, BIODG</u> or <u>CARBN</u>	0.14; or <u>CMBST</u>
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; or <u>CMBST, CHOXD, BIODG</u> or <u>CARBN</u>	1.5; or <u>CMBST</u>

1441
 1442 K157
 1443
 1444 Wastewaters (including scrubber waters, condenser waters, washwaters, and separation waters)
 1445 from the production of carbamates and carbamoyl oximes. (This listing does not apply to wastes
 1446 generated from the manufacture of 3-iodo-2-propynyl n-butylcarbamate.)
 1447

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 ¹⁰	16752-77-5	0.028; or <u>CMBST, CHOXD, BIODG</u> or <u>CARBN</u>	0.14; or <u>CMBST</u>
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; or <u>CMBST, CHOXD, BIODG</u> or <u>CARBN</u>	1.5; or <u>CMBST</u>

1448
 1449 K158
 1450

1451	Baghouse dusts and filter/separation solids from the production of carbamates and carbamoyl			
1452	oximes. (This listing does not apply to wastes generated from the manufacture of 3-iodo-2-			
1453	propynyl n-butylcarbamate.)			
1454				
	Benomyl	17804-35-2	0.056	1.4
	Benzene	71-43-2	0.14	10
	Carbenzadim ¹⁰	10605-21-7	0.056; or CMBST, <u>CHOXD, BIODG</u> or CARBN	1.4; or CMBST
	Carbofuran ¹⁰	1563-66-2	0.006; or CMBST, <u>CHOXD, BIODG</u> or CARBN	0.14; or CMBST
	Carbosulfan ¹⁰	55285-14-8	0.028; or CMBST, <u>CHOXD, BIODG</u> or CARBN	1.4; or CMBST
	Chloroform	67-66-3	0.046	6.0
	Methylene chloride	75-09-2	0.089	30
	Phenol	108-95-2	0.039	6.2
1455				
1456	K159			
1457				
1458	Organics from the treatment of thiocarbamate wastes. ¹⁰			
1459				
	Benzene	71-43-2	0.14	10
	Butylate ¹⁰	2008-41-5	0.042; or CMBST, <u>CHOXD, BIODG</u> or CARBN	1.4; or CMBST
	EPTC (Eptam) ¹⁰	759-94-4	0.042; or CMBST, <u>CHOXD, BIODG</u> or CARBN	1.4; or CMBST
	Molinate ¹⁰	2212-67-1	0.042; or CMBST, <u>CHOXD, BIODG</u> or CARBN	1.4; or CMBST
	Pebulate ¹⁰	1114-71-2	0.042; or CMBST, <u>CHOXD, BIODG</u> or CARBN	1.4; or CMBST
	Vernolate ¹⁰	1929-77-7	0.042; or CMBST, <u>CHOXD, BIODG</u> or CARBN	1.4; or CMBST
1460				
1461	K161			
1462				

1463 Purification solids (including filtration, evaporation, and centrifugation solids), baghouse dust,
 1464 and floor sweepings from the production of dithiocarbamate acids and their salts.
 1465

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) ¹⁰	137-30-4	0.028; or CMBST, <u>CHOXD, BIODG</u> or CARBN	28; or CMBST
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

1466

1467 K169

1468

1469 Crude oil tank sediment from petroleum refining operations.

1470

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

1471

1472 K170

1473

1474 Clarified slurry oil sediment from petroleum refining operations.

1475

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

1476	Pyrene	129-00-0	0.067	8.2
1477	Toluene (Methyl Benzene)	108-88-3	0.080	10
1478	Xylenes (Total	1330-20-7	0.32	30
1479	Spent hydrotreating catalyst from petroleum refining operations, including guard beds used to			
1480	desulfurize feeds to other catalytic reactors. (This listing does not include inert support media.)			
1481	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
1482	K172			
1483	K172			
1484	K172			
1485	Spent hydrorefining catalyst from petroleum refining operations, including guard beds used to			
1486	desulfurize feeds to other catalytic reactors. (This listing does not include inert support media.)			
1487	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
1488	K174			
1489	K174			
1490	K174			
1491	Wastewater treatment sludge from the production of ethylene dichloride or vinyl chloride			
1492	monomer.			
1493				

JCAR350728-1201269r01

	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
1494				
1495	K175			
1496				
1497	Wastewater treatment sludge from the production of vinyl chloride monomer using mercuric			
1498	chloride catalyst in an acetylene-based process.			
1499				
	Mercury ¹² PH ¹²	7439-97-6	NA NA	0.025 mg/ℓ TCLP pH ≤ 6.0
1500				
1501	K175			
1502				
1503	All K175 wastewaters.			
1504				
	Mercury	7439-97-6	0.15	NA
1505				

1506	K176			
1507				
1508	Baghouse filters from the production of antimony oxide, including filters from the production of			
1509	intermediates e.g., antimony metal or crude antimony oxide).			
1510				
	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
1511				
1512	K177			
1513				
1514	Slag from the production of antimony oxide that is speculatively accumulated or disposed,			
1515	including slag from the production of intermediates (e.g., antimony metal or crude antimony			
1516	oxide).			
1517				
	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
1518				
1519	K178			
1520				
1521	Residues from manufacturing and manufacturing-site storage of ferric chloride from acids			
1522	formed during the production of titanium dioxide using the chloride-ilmenite process.			
1523				
	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

1524	1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	39001-02-0	0.000063 or CMBST ¹¹	0.005 or CMBST ¹¹
1525	PeCDDs (All Pentachlorodibenzo-p-dioxins)	36088-22-9	0.000063 or CMBST ¹¹	0.001 or CMBST ¹¹
1526	PeCDFs (All Pentachlorodibenzofurans)	30402-15-4	0.000035 or CMBST ¹¹	0.001 or CMBST ¹¹
1527	TCDDs (All Tetrachlorodibenzo-p-dioxins)	41903-57-5	0.000063 or CMBST ¹¹	0.001 or CMBST ¹¹
1528	TCDFs (All Tetrachlorodibenzofurans)	55722-27-5	0.000063 or CMBST ¹¹	0.001 or CMBST ¹¹
1529	Thallium	7440-28-0	1.4	0.20 mg/ℓ TCLP
1530	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.			
1531	Aniline	62-53-3	0.81	14
1532	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-xylylidine)	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
1533	P001			
1534	Warfarin, & salts, when present at concentrations greater than 0.3 percent.			
1535	Warfarin	81-81-2	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST

1538				
1539	P002			
1540				
1541	1-Acetyl-2-thiourea. 1-Acetyl-2-thiourea	591-08-2	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
1542				
1543	P003			
1544				
1545	Acrolein.			
1546	Acrolein	107-02-8	0.29	CMBST
1547				
1548	P004			
1549				
1550	Aldrin.			
1551	Aldrin	309-00-2	0.021	0.066
1552				
1553	P005			
1554				
1555	Allyl alcohol.			
1556	Allyl alcohol	107-18-6	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
1557				
1558	P006			
1559				
1560	Aluminum phosphide.			
1561	Aluminum phosphide	20859-73-8	CHOXD; CHRED; or CMBST	CHOXD; CHRED; or CMBST
1562				
1563	P007			
1564				
1565	5-Aminomethyl-3-isoxazolol.			
1566				

1567	5-Aminomethyl-3-isoxazolol	2763-96-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
1568	P008			
1569				
1570	4-Aminopyridine.			
1571	4-Aminopyridine	504-24-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
1572				
1573	P009			
1574				
1575	Ammonium picrate.			
1576	Ammonium picrate	131-74-8	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST
1577				
1578	P010			
1579				
1580	Arsenic acid.			
1581	Arsenic	7440-38-2	1.4	5.0 mg/ℓ TCLP
1582				
1583	P011			
1584				
1585	Arsenic pentoxide.			
1586	Arsenic	7440-38-2	1.4	5.0 mg/ℓ TCLP
1587				
1588	P012			
1589				
1590	Arsenic trioxide.			
1591	Arsenic	7440-38-2	1.4	5.0 mg/ℓ TCLP
1592				
1593	P013			
1594				
1595	Barium cyanide.			

1596	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
1597				
1598	P014			
1599				
1600	Thiophenol (Benzene thiol).			
1601	Thiophenol (Benzene thiol)	108-98-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
1602				
1603	P015			
1604				
1605	Beryllium dust.			
1606	Beryllium	7440-41-7	RMETL;or RTHRM	RMETL; or RTHRM
1607				
1608	P016			
1609				
1610	Dichloromethyl ether (Bis(chloromethyl)ether).			
1611	Dichloromethyl ether	542-88-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
1612				
1613	P017			
1614				
1615	Bromoacetone.			
1616	Bromoacetone	598-31-2	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
1617				
1618	P018			
1619				
1620	Brucine.			
1621				

	Brucine	357-57-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
1622				
1623	P020			
1624				
1625	2-sec-Butyl-4,6-dinitrophenol (Dinoseb).			
1626	2-sec-Butyl-4,6-dinitrophenol (Dinoseb)	88-85-7	0.066	2.5
1627				
1628	P021			
1629				
1630	Calcium cyanide.			
1631	Cyanides (Total) ⁷	57-12-5	1.2	590
	Cyanides (Amenable) ⁷	57-12-5	0.86	30
1632				
1633	P022			
1634				
1635	Carbon disulfide.			
1636	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
1637				
1638	P023			
1639				
1640	Chloroacetaldehyde.			
1641	Chloroacetaldehyde	107-20-0	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
1642				
1643	P024			
1644				
1645	p-Chloroaniline.			
1646	p-Chloroaniline	106-47-8	0.46	16
1647				

1648	P026				
1649					
1650	1-(o-Chlorophenyl)thiourea.				
1651	1-(o-Chlorophenyl)thiourea	5344-82-1	(WETOX or CHOXD) fb CARBN; or CMBST		CMBST
1652					
1653	P027				
1654					
1655	3-Chloropropionitrile.				
1656	3-Chloropropionitrile	542-76-7	(WETOX or CHOXD) fb CARBN; or CMBST		CMBST
1657					
1658	P028				
1659					
1660	Benzyl chloride.				
1661	Benzyl chloride	100-44-7	(WETOX or CHOXD) fb CARBN; or CMBST		CMBST
1662					
1663	P029				
1664					
1665	Copper cyanide.				
1666	Cyanides (Total) ⁷	57-12-5	1.2		590
	Cyanides (Amenable) ⁷	57-12-5	0.86		30
1667					
1668	P030				
1669					
1670	Cyanides (soluble salts and complexes).				
	Cyanides (Total) ⁷	57-12-5	1.2		590
	Cyanides (Amenable) ⁷	57-12-5	0.86		30
1671					
1672	P031				
1673					
1674	Cyanogen.				

1675	Cyanogen	460-19-5	CHOXD; WETOX; or CMBST	CHOXD; WETOX; or CMBST
1676				
1677	P033			
1678				
1679	Cyanogen chloride.			
1680	Cyanogen chloride	506-77-4	CHOXD; WETOX; or CMBST	CHOXD; WETOX; or CMBST
1681				
1682	P034			
1683				
1684	2-Cyclohexyl-4,6-dinitrophenol.			
1685	2-Cyclohexyl-4,6-dinitrophenol	131-89-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
1686				
1687	P036			
1688				
1689	Dichlorophenylarsine.			
1690	Arsenic	7440-38-2	1.4	5.0 mg/ℓ TCLP
1691				
1692	P037			
1693				
1694	Dieldrin.			
1695	Dieldrin	60-57-1	0.017	0.13
1696				
1697	P038			
1698				
1699	Diethylarsine.			
1700	Arsenic	7440-38-2	1.4	5.0 mg/ℓ TCLP
1701				
1702	P039			
1703				
1704	Disulfoton.			

1705	Disulfoton	298-04-4	0.017	6.2
1706				
1707	P040			
1708				
1709	O,O-Diethyl-O-pyrazinyl-phosphorothioate.			
1710	O,O-Diethyl-O-pyrazinylphosphorothioate	297-97-2	CARBN; or CMBST	CMBST
1711				
1712	P041			
1713				
1714	Diethyl-p-nitrophenyl phosphate.			
1715	Diethyl-p-nitrophenyl phosphate	311-45-5	CARBN; or CMBST	CMBST
1716				
1717	P042			
1718				
1719	Epinephrine.			
1720	Epinephrine	51-43-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
1721				
1722	P043			
1723				
1724	Diisopropylfluorophosphate (DFP).			
1725	Diisopropylfluorophosphate (DFP)	55-91-4	CARBN; or CMBST	CMBST
1726				
1727	P044			
1728				
1729	Dimethoate.			
1730	Dimethoate	60-51-5	CARBN; or CMBST	CMBST
1731				
1732	P045			
1733				
1734	Thiofanox.			

1735	Thiofanox	39196-18-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
1736				
1737	P046			
1738				
1739	α,α -Dimethylphenethylamine.			
1740	α,α -Dimethylphenethylamine	122-09-8	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
1741				
1742	P047			
1743				
1744	4,6-Dinitro-o-cresol.			
1745	4,6-Dinitro-o-cresol	543-52-1	0.28	160
1746				
1747	P047			
1748				
1749	4,6-Dinitro-o-cresol salts.			
1750	NA	NA	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
1751				
1752	P048			
1753				
1754	2,4-Dinitrophenol.			
1755	2,4-Dinitrophenol	51-28-5	0.12	160
1756				
1757	P049			
1758				
1759	Dithiobiuret.			
1760				

			(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
	Dithiobiuret	541-53-7		
1761				
1762	P050			
1763				
1764	Endosulfan.			
1765				
	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
1766				
1767	P051			
1768				
1769	Endrin.			
1770				
	Endrin	72-20-8	0.0028	0.13
	Endrin aldehyde	7421-93-4	0.025	0.13
1771				
1772	P054			
1773				
1774	Aziridine.			
1775				
	Aziridine	151-56-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
1776				
1777	P056			
1778				
1779	Fluorine.			
1780				
	Fluoride (measured in wastewaters only)	16964-48-8	35	ADGAS fb NEUTR
1781				
1782	P057			
1783				
1784	Fluoroacetamide.			
1785				

	Fluoroacetamide	640-19-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
1786				
1787	P058			
1788				
1789	Fluoroacetic acid, sodium salt.			
1790				
	Fluoroacetic acid, sodium salt	62-74-8	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
1791				
1792	P059			
1793				
1794	Heptachlor.			
1795				
	Heptachlor	76-44-8	0.0012	0.066
	Heptachlor epoxide	1024-57-3	0.016	0.066
1796				
1797	P060			
1798				
1799	Isodrin.			
1800				
	Isodrin	465-73-6	0.021	0.066
1801				
1802	P062			
1803				
1804	Hexaethyl tetraphosphate.			
1805				
	Hexaethyl tetraphosphate	757-58-4	CARBN; or CMBST	CMBST
1806				
1807	P063			
1808				
1809	Hydrogen cyanide.			
1810				
	Cyanides (Total) ⁷	57-12-5	1.2	590
	Cyanides (Amenable) ⁷	57-12-5	0.86	30
1811				
1812	P064			
1813				

1814	Isocyanic acid, ethyl ester.			
1815	Isocyanic acid, ethyl ester	624-83-9	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
1816				
1817	P065			
1818				
1819	P065 (mercury fulminate) nonwastewaters, regardless of their total mercury content, that are not			
1820	incinerator residues or are not residues from RMERC.			
1821	Mercury	7439-97-6	NA	IMERC
1822				
1823	P065			
1824				
1825	P065 (mercury fulminate) nonwastewaters that are either incinerator residues or are residues			
1826	from RMERC; and contain greater than or equal to 260 mg/kg total mercury.			
1827	Mercury	7339-97-6	NA	RMERC
1828				
1829	P065			
1830				
1831	P065 (mercury fulminate) nonwastewaters that are residues from RMERC and contain less than			
1832	260 mg/kg total mercury.			
1833	Mercury	7439-97-6	NA	0.20 mg/l TCLP
1834				
1835	P065			
1836				
1837	P065 (mercury fulminate) nonwastewaters that are incinerator residues and contain less than 260			
1838	mg/kg total mercury.			
1839	Mercury	7439-97-6	NA	0.025 mg/l TCLP
1840				
1841	P065			
1842				
1843	All P065 (mercury fulminate) wastewaters.			
1844	Mercury	7439-97-6	0.15	NA
1845				
1846	P066			
1847				

1848	Methomyl.			
1849	Methomyl	16752-77-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
1850				
1851	P067			
1852				
1853	2-Methyl-aziridine.			
1854	2-Methyl-aziridine	75-55-8	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
1855				
1856	P068			
1857				
1858	Methyl hydrazine.			
1859	Methyl hydrazine	60-34-4	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED, or CMBST
1860				
1861	P069			
1862				
1863	2-Methylactonitrile.			
1864	2-Methylactonitrile	75-86-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
1865				
1866	P070			
1867				
1868	Aldicarb.			
1869	Aldicarb	116-06-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
1870				
1871	P071			

1872				
1873	Methyl parathion.			
1874	Methyl parathion	298-00-0	0.014	4.6
1875				
1876	P072			
1877				
1878	1-Naphthyl-2-thiourea.			
1879	1-Naphthyl-2-thiourea	86-88-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
1880				
1881	P073			
1882				
1883	Nickel carbonyl.			
1884	Nickel	7440-02-0	3.98	11 mg/ℓ TCLP
1885				
1886	P074			
1887				
1888	Nickel cyanide.			
1889	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
1890				
1891	P075			
1892				
1893	Nicotine and salts.			
1894	Nicotine and salts	54-11-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
1895				
1896	P076			
1897				
1898	Nitric oxide.			
1899	Nitric oxide	10102-43-9	ADGAS	ADGAS
1900				

1901	P077			
1902				
1903	p-Nitroaniline.			
1904				
	p-Nitroaniline	100-01-6	0.028	28
1905				
1906	P078			
1907				
1908	Nitrogen dioxide.			
1909				
	Nitrogen dioxide	10102-44-0	ADGAS	ADGAS
1910				
1911	P081			
1912				
1913	Nitroglycerin.			
1914				
	Nitroglycerin	55-63-0	CHOXD; CHRED; CARBN; BIODG or CMBST	CHOXD; CHRED; or CMBST
1915				
1916	P082			
1917				
1918	N-Nitrosodimethylamine.			
1919				
	N-Nitrosodimethylamine	62-75-9	0.40	2.3
1920				
1921	P084			
1922				
1923	N-Nitrosomethylvinylamine.			
1924				
	N-Nitrosomethylvinylamine	4549-40-0	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
1925				
1926	P085			
1927				
1928	Octamethylpyrophosphoramide.			
1929				
	Octamethylpyrophosphoramide	152-16-9	CARBN; or CMBST	CMBST
1930				
1931	P087			

1932				
1933	Osmium tetroxide.			
1934	Osmium tetroxide	20816-12-0	RMETL; or RTHRM	RMETL; or RTHRM
1935				
1936	P088			
1937				
1938	Endothall.			
1939	Endothall	145-73-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
1940				
1941	P089			
1942				
1943	Parathion.			
1944	Parathion	56-38-2	0.014	4.6
1945				
1946	P092			
1947				
1948	P092 (phenyl mercuric acetate) nonwastewaters, regardless of their total mercury content, that			
1949	are not incinerator residues or are not residues from RMERC.			
1950	Mercury	7439-97-6	NA	IMERC; or RMERC
1951				
1952	P092			
1953				
1954	P092 (phenyl mercuric acetate) nonwastewaters that are either incinerator residues or are			
1955	residues from RMERC; and still contain greater than or equal to 260 mg/kg total mercury.			
1956	Mercury	7439-97-6	NA	RMERC
1957				
1958	P092			
1959				
1960	P092 (phenyl mercuric acetate) nonwastewaters that are residues from RMERC and contain less			
1961	than 260 mg/kg total mercury.			
1962	Mercury	7439-97-6	NA	0.20 mg/l TCLP
1963				

1964	P092			
1965				
1966	P092 (phenyl mercuric acetate) nonwastewaters that are incinerator residues and contain less			
1967	than 260 mg/kg total mercury.			
1968	Mercury	7439-97-6	NA	0.025 mg/l TCLP
1969				
1970	P092			
1971				
1972	All P092 (phenyl mercuric acetate) wastewaters.			
1973	Mercury	7439-97-6	0.15	NA
1974				
1975	P093			
1976				
1977	Phenylthiourea.			
1978	Phenylthiourea	103-85-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
1979				
1980	P094			
1981				
1982	Phorate.			
1983	Phorate	298-02-2	0.021	4.6
1984				
1985	P095			
1986				
1987	Phosgene.			
1988	Phosgene	75-44-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
1989				
1990	P096			
1991				
1992	Phosphine.			
1993	Phosphine	7803-51-2	CHOXD; CHRED; or CMBST	CHOXD; CHRED; or CMBST

1994				
1995	P097			
1996				
1997	Famphur.			
1998				
	Famphur	52-85-7	0.017	15
1999				
2000	P098			
2001				
2002	Potassium cyanide.			
2003				
	Cyanides (Total) ⁷	57-12-5	1.2	590
	Cyanides (Amenable) ⁷	57-12-5	0.86	30
2004				
2005	P099			
2006				
2007	Potassium silver cyanide.			
2008				
	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
2009				
2010	P101			
2011				
2012	Ethyl cyanide (Propanenitrile).			
2013				
	Ethyl cyanide (Propanenitrile)	107-12-0	0.24	360
2014				
2015	P102			
2016				
2017	Propargyl alcohol.			
2018				
	Propargyl alcohol	107-19-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2019				
2020	P103			
2021				
2022	Selenourea.			
2023				
	Selenium	7782-49-2	0.82	5.7 mg/l TCLP
2024				

2025	P104			
2026				
2027	Silver cyanide.			
2028				
	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
2029				
2030	P105			
2031				
2032	Sodium azide.			
2033				
	Sodium azide	26628-22-8	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST
2034				
2035	P106			
2036				
2037	Sodium cyanide.			
2038				
	Cyanides (Total) ⁷	57-12-5	1.2	590
	Cyanides (Amenable) ⁷	57-12-5	0.86	30
2039				
2040	P108			
2041				
2042	Strychnine and salts.			
2043				
	Strychnine and salts	57-24-9	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2044				
2045	P109			
2046				
2047	Tetraethyldithiopyrophosphate.			
2048				
	Tetraethyldithiopyrophosphate	3689-24-5	CARBN; or CMBST	CMBST
2049				
2050	P110			
2051				
2052	Tetraethyl lead.			
2053				

2054	Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
2055	P111			
2056				
2057	Tetraethylpyrophosphate.			
2058				
	Tetraethylpyrophosphate	107-49-3	CARBN; or CMBST	CMBST
2059				
2060	P112			
2061				
2062	Tetranitromethane.			
2063				
	Tetranitromethane	509-14-8	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST
2064				
2065	P113			
2066				
2067	Thallic oxide.			
2068				
	Thallium (measured in wastewaters only)	7440-28-0	1.4	RTHRM; or STABL
2069				
2070	P114			
2071				
2072	Thallium selenite.			
2073				
	Selenium	7782-49-2	0.82	5.7 mg/ℓ TCLP
2074				
2075	P115			
2076				
2077	Thallium (I) sulfate.			
2078				
	Thallium (measured in wastewaters only)	7440-28-0	1.4	RTHRM; or STABL
2079				
2080	P116			
2081				
2082	Thiosemicarbazide.			
2083				

	Thiosemicarbazide	79-19-6	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2084				
2085	P118			
2086				
2087	Trichloromethanethiol.			
2088	Trichloromethanethiol	75-70-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2089				
2090	P119			
2091				
2092	Ammonium vanadate.			
2093	Vanadium (measured in wastewaters only)	7440-62-2	4.3	STABL
2094				
2095	P120			
2096				
2097	Vanadium pentoxide.			
2098	Vanadium (measured in wastewaters only)	7440-62-2	4.3	STABL
2099				
2100	P121			
2101				
2102	Zinc cyanide.			
2103	Cyanides (Total) ⁷	57-12-5	1.2	590
	Cyanides (Amenable) ⁷	57-12-5	0.86	30
2104				
2105	P122			
2106				
2107	Zinc phosphide Zn ₃ P ₂ , when present at concentrations greater than 10 percent.			
2108	Zinc Phosphide	1314-84-7	CHOXD; CHRED; or CMBST	CHOXD; CHRED; or CMBST
2109				
2110	P123			

2111				
2112	Toxaphene.			
2113				
	Toxaphene	8001-35-2	0.0095	2.6
2114				
2115	P127			
2116				
2117	Carbofuran. ¹⁰			
2118				
	Carbofuran	1563-66-2	<u>0.006; or CMBST, CHOXD, BIODG or CARBN</u>	<u>0.14; or CMBST</u>
2119				
2120	P128			
2121				
2122	Mexacarbate. ¹⁰			
2123				
	Mexacarbate	315-18-4	<u>0.056; or CMBST, CHOXD, BIODG or CARBN</u>	<u>1.4; or CMBST</u>
2124				
2125	P185			
2126				
2127	Tirpate. ¹⁰			
2128				
	Tirpate	26419-73-8	<u>0.056; or CMBST, CHOXD, BIODG or CARBN</u>	<u>0.28; or CMBST</u>
2129				
2130	P188			
2131				
2132	Physostigmine salicylate. ¹⁰			
2133				
	Physostigmine salicylate	57-64-7	<u>0.056; or CMBST, CHOXD, BIODG or CARBN</u>	<u>1.4; or CMBST</u>
2134				
2135	P189			
2136				
2137	Carbosulfan. ¹⁰			
2138				

	Carbosulfan	55285-14-8	0.028; <u>or CMBST, CHOXD, BIODG or CARBN</u>	1.4; <u>or CMBST</u>
2139				
2140	P190			
2141				
2142	Metolcarb. ¹⁰			
2143	Metolcarb	1129-41-5	0.056; <u>or CMBST, CHOXD, BIODG or CARBN</u>	1.4; <u>or CMBST</u>
2144				
2145	P191			
2146				
2147	Dimetilan. ¹⁰			
2148	Dimetilan	644-64-4	0.056; <u>or CMBST, CHOXD, BIODG or CARBN</u>	1.4; <u>or CMBST</u>
2149				
2150	P192			
2151				
2152	Isolan. ¹⁰			
2153	Isolan	119-38-0	0.056; <u>or CMBST, CHOXD, BIODG or CARBN</u>	1.4; <u>or CMBST</u>
2154				
2155	P194			
2156				
2157	Oxamyl. ¹⁰			
2158	Oxamyl	23135-22-0	0.056; <u>or CMBST, CHOXD, BIODG or CARBN</u>	0.28; <u>or CMBST</u>
2159				
2160	P196			
2161				
2162	Manganese dimethyldithiocarbamates (total). ¹⁰			
2163	Dithiocarbamates (total)	NA	0.028; <u>or CMBST, CHOXD, BIODG or CARBN</u>	28; <u>or CMBST</u>

2164				
2165	P197			
2166				
2167	Formparanate. ¹⁰			
2168	Formparanate	17702-57-7	0.056; or <u>CMBST,</u> <u>CHOXD, BIODG</u> <u>or CARBN</u>	1.4; or <u>CMBST</u>
2169				
2170	P198			
2171				
2172	Formetanate hydrochloride. ¹⁰			
2173	Formetanate hydrochloride	23422-53-9	0.056; or <u>CMBST,</u> <u>CHOXD, BIODG</u> <u>or CARBN</u>	1.4; or <u>CMBST</u>
2174				
2175	P199			
2176				
2177	Methiocarb. ¹⁰			
2178	Methiocarb	2032-65-7	0.056; or <u>CMBST,</u> <u>CHOXD, BIODG</u> <u>or CARBN</u>	1.4; or <u>CMBST</u>
2179				
2180	P201			
2181				
2182	Promecarb. ¹⁰			
2183	Promecarb	2631-37-0	0.056; or <u>CMBST,</u> <u>CHOXD, BIODG</u> <u>or CARBN</u>	1.4; or <u>CMBST</u>
2184				
2185	P202			
2186				
2187	m-Cumenyl methylcarbamate. ¹⁰			
2188	m-Cumenyl methylcarbamate	64-00-6	0.056; or <u>CMBST,</u> <u>CHOXD, BIODG</u> <u>or CARBN</u>	1.4; or <u>CMBST</u>
2189				
2190	P203			
2191				

2192	Aldicarb sulfone. ¹⁰			
2193	Aldicarb sulfone	1646-88-4	<u>0.056; or CMBST,</u> <u>CHOXD, BIODG</u> <u>or CARBN</u>	<u>0.28; or CMBST</u>
2194				
2195	P204			
2196				
2197	Physostigmine. ¹⁰			
2198	Physostigmine	57-47-6	<u>0.056; or CMBST,</u> <u>CHOXD, BIODG</u> <u>or CARBN</u>	<u>1.4; or CMBST</u>
2199				
2200	P205			
2201				
2202	Ziram. ¹⁰			
2203	Dithiocarbamates (total)	NA	<u>0.028; or CMBST,</u> <u>CHOXD, BIODG</u> <u>or CARBN</u>	<u>28; or CMBST</u>
2204				
2205	U001			
2206				
2207	Acetaldehyde.			
2208	Acetaldehyde	75-07-0	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2209				
2210	U002			
2211				
2212	Acetone.			
2213	Acetone	67-64-1	0.28	160
2214				
2215	U003			
2216				
2217	Acetonitrile.			
2218	Acetonitrile	75-05-8	5.6	CMBST

2219	Acetonitrile; alternate ⁶ standard for nonwastewaters only	75-05-8	NA	38
2220	U004			
2221				
2222	Acetophenone.			
2223	Acetophenone	98-86-2	0.010	9.7
2224				
2225	U005			
2226				
2227	2-Acetylaminofluorene.			
2228	2-Acetylaminofluorene	53-96-3	0.059	140
2229				
2230	U006			
2231				
2232	Acetyl chloride.			
2233	Acetyl chloride	75-36-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2234				
2235	U007			
2236				
2237	Acrylamide.			
2238	Acrylamide	79-06-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2239				
2240	U008			
2241				
2242	Acrylic acid.			
2243	Acrylic acid	79-10-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2244				
2245	U009			

2246				
2247	Acrylonitrile.			
2248				
	Acrylonitrile	107-13-1	0.24	84
2249				
2250	U010			
2251				
2252	Mitomycin C.			
2253				
	Mitomycin C	50-07-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2254				
2255	U011			
2256				
2257	Amitrole.			
2258				
	Amitrole	61-82-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2259				
2260	U012			
2261				
2262	Aniline.			
2263				
	Aniline	62-53-3	0.81	14
2264				
2265	U014			
2266				
2267	Auramine.			
2268				
	Auramine	492-80-8	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2269				
2270	U015			
2271				
2272	Azaserine.			
2273				

	Azaserine	115-02-6	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2274				
2275	U016			
2276				
2277	Benz(c)acridine.			
2278	Benz(c)acridine	225-51-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2279				
2280	U017			
2281				
2282	Benzal chloride.			
2283	Benzal chloride	98-87-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2284				
2285	U018			
2286				
2287	Benz(a)anthracene.			
2288	Benz(a)anthracene	56-55-3	0.059	3.4
2289				
2290	U019			
2291				
2292	Benzene.			
2293	Benzene	71-43-2	0.14	10
2294				
2295	U020			
2296				
2297	Benzenesulfonyl chloride.			
2298	Benzenesulfonyl chloride	98-09-9	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST

2299				
2300	U021			
2301				
2302	Benzidine.			
2303	Benzidine	92-87-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2304				
2305	U022			
2306				
2307	Benzo(a)pyrene.			
2308	Benzo(a)pyrene	50-32-8	0.061	3.4
2309				
2310	U023			
2311				
2312	Benzotrichloride.			
2313	Benzotrichloride	98-07-7	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST
2314				
2315	U024			
2316				
2317	bis(2-Chloroethoxy)methane.			
2318	bis(2-Chloroethoxy)methane	111-91-1	0.036	7.2
2319				
2320	U025			
2321				
2322	bis(2-Chloroethyl)ether.			
2323	bis(2-Chloroethyl)ether	111-44-4	0.033	6.0
2324				
2325	U026			
2326				
2327	Chlornaphazine.			
2328				

			(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2329	Chlornaphazine	494-03-1		
2330	U027			
2331				
2332	bis(2-Chloroisopropyl)ether.			
2333	bis(2-Chloroisopropyl)ether	39638-32-9	0.055	7.2
2334				
2335	U028			
2336				
2337	bis(2-Ethylhexyl)phthalate.			
2338	bis(2-Ethylhexyl)phthalate	117-81-7	0.28	28
2339				
2340	U029			
2341				
2342	Methyl bromide (Bromomethane).			
2343	Methyl bromide (Bromomethane)	74-83-9	0.11	15
2344				
2345	U030			
2346				
2347	4-Bromophenyl phenyl ether.			
2348	4-Bromophenyl phenyl ether	101-55-3	0.055	15
2349				
2350	U031			
2351				
2352	n-Butyl alcohol.			
2353	n-Butyl alcohol	71-36-3	5.6	2.6
2354				
2355	U032			
2356				
2357	Calcium chromate.			
2358	Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
2359				
2360	U033			

2361				
2362	Carbon oxyfluoride.			
2363	Carbon oxyfluoride	353-50-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2364				
2365	U034			
2366				
2367	Trichloroacetaldehyde (Chloral).			
2368	Trichloroacetaldehyde (Chloral)	75-87-6	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2369				
2370	U035			
2371				
2372	Chlorambucil.			
2373	Chlorambucil	305-03-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2374				
2375	U036			
2376				
2377	Chlordane.			
2378	Chlordane (α and χ isomers)	57-74-9	0.0033	0.26
2379				
2380	U037			
2381				
2382	Chlorobenzene.			
2383	Chlorobenzene	108-90-7	0.057	6.0
2384				
2385	U038			
2386				
2387	Chlorobenzilate.			
2388	Chlorobenzilate	510-15-6	0.10	CMBST

2389				
2390	U039			
2391				
2392	p-Chloro-m-cresol.			
2393				
	p-Chloro-m-cresol	59-50-7	0.018	14
2394				
2395	U041			
2396				
2397	Epichlorohydrin (1-Chloro-2,3-epoxypropane).			
2398				
	Epichlorohydrin (1-Chloro-2,3-epoxypropane)	106-89-8	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2399				
2400	U042			
2401				
2402	2-Chloroethyl vinyl ether.			
2403				
	2-Chloroethyl vinyl ether	110-75-8	0.062	CMBST
2404				
2405	U043			
2406				
2407	Vinyl chloride.			
2408				
	Vinyl chloride	75-01-4	0.27	6.0
2409				
2410	U044			
2411				
2412	Chloroform.			
2413				
	Chloroform	67-66-3	0.046	6.0
2414				
2415	U045			
2416				
2417	Chloromethane (Methyl chloride).			
2418				
	Chloromethane (Methyl chloride)	74-87-3	0.19	30
2419				
2420	U046			
2421				

2422	Chloromethyl methyl ether.			
2423	Chloromethyl methyl ether	107-30-2	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2424				
2425	U047			
2426				
2427	2-Chloronaphthalene.			
2428	2-Chloronaphthalene	91-58-7	0.055	5.6
2429				
2430	U048			
2431				
2432	2-Chlorophenol.			
2433	2-Chlorophenol	95-57-8	0.044	5.7
2434				
2435	U049			
2436				
2437	4-Chloro-o-toluidine hydrochloride.			
2438	4-Chloro-o-toluidine hydrochloride	3165-93-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2439				
2440	U050			
2441				
2442	Chrysene.			
2443	Chrysene	218-01-9	0.059	3.4
2444				
2445	U051			
2446				
2447	Creosote.			
2448	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

2449	Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations)	1330-20-7	0.32	30
2450	Lead	7439-92-1	0.69	0.75 mg/l TCLP
2451	U052			
2452	Cresols (Cresylic acid).			
2453	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
2454	U053			
2455	Crotonaldehyde.			
2456	Crotonaldehyde	4170-30-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2457	U055			
2458	Cumene.			
2459	Cumene	98-82-8	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2460	U056			
2461	Cyclohexane.			
2462	Cyclohexane			
2463	U056			
2464	Cyclohexane.			
2465	Cyclohexane			
2466	U056			
2467	Cyclohexane.			
2468	Cyclohexane			

	Cyclohexane	110-82-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2469				
2470	U057			
2471				
2472	Cyclohexanone.			
2473				
	Cyclohexanone	108-94-1	0.36	CMBST
	Cyclohexanone; alternate ⁶ standard for nonwastewaters only	108-94-1	NA	0.75 mg/l TCLP
2474				
2475	U058			
2476				
2477	Cyclophosphamide.			
2478				
	Cyclophosphamide	50-18-0	CARBN; or CMBST	CMBST
2479				
2480	U059			
2481				
2482	Daunomycin.			
2483				
	Daunomycin	20830-81-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2484				
2485	U060			
2486				
2487	DDD.			
2488				
	o,p'-DDD	53-19-0	0.023	0.087
	p,p'-DDD	72-54-8	0.023	0.087
2489				
2490	U061			
2491				
2492	DDT.			
2493				
	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
2494				
2495	U062			
2496				
2497	Diallate.			
2498	Diallate	2303-16-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2499				
2500	U063			
2501				
2502	Dibenz(a,h)anthracene.			
2503	Dibenz(a,h)anthracene	53-70-3	0.055	8.2
2504				
2505	U064			
2506				
2507	Dibenz(a,i)pyrene.			
2508	Dibenz(a,i)pyrene	189-55-9	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2509				
2510	U066			
2511				
2512	1,2-Dibromo-3-chloropropane.			
2513	1,2-Dibromo-3-chloropropane	96-12-8	0.11	15
2514				
2515	U067			
2516				
2517	Ethylene dibromide (1,2-Dibromoethane).			
2518	Ethylene dibromide (1,2-Dibromoethane)	106-93-4	0.028	15
2519				
2520	U068			

2521				
2522	Dibromomethane.			
2523	Dibromomethane	74-95-3	0.11	15
2524				
2525	U069			
2526				
2527	Di-n-butyl phthalate.			
2528	Di-n-butyl phthalate	84-74-2	0.057	28
2529				
2530	U070			
2531				
2532	o-Dichlorobenzene.			
2533	o-Dichlorobenzene	95-50-1	0.088	6.0
2534				
2535	U071			
2536				
2537	m-Dichlorobenzene.			
2538	m-Dichlorobenzene	541-73-1	0.036	6.0
2539				
2540	U072			
2541				
2542	p-Dichlorobenzene.			
2543	p-Dichlorobenzene	106-46-7	0.090	6.0
2544				
2545	U073			
2546				
2547	3,3'-Dichlorobenzidine.			
2548	3,3'-Dichlorobenzidine	91-94-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2549				
2550	U074			
2551				
2552	1,4-Dichloro-2-butene.			
2553				

	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
2554				
2555	U075			
2556				
2557	Dichlorodifluoromethane.			
2558				
	Dichlorodifluoromethane	75-71-8	0.23	7.2
2559				
2560	U076			
2561				
2562	1,1-Dichloroethane.			
2563				
	1,1-Dichloroethane	75-34-3	0.059	6.0
2564				
2565	U077			
2566				
2567	1,2-Dichloroethane.			
2568				
	1,2-Dichloroethane	107-06-2	0.21	6.0
2569				
2570	U078			
2571				
2572	1,1-Dichloroethylene.			
2573				
	1,1-Dichloroethylene	75-35-4	0.025	6.0
2574				
2575	U079			
2576				
2577	1,2-Dichloroethylene.			
2578				
	trans-1,2-Dichloroethylene	156-60-5	0.054	30
2579				
2580	U080			
2581				
2582	Methylene chloride.			
2583				

2584	Methylene chloride	75-09-2	0.089	30
2585	U081			
2586				
2587	2,4-Dichlorophenol.			
2588				
2589	2,4-Dichlorophenol	120-83-2	0.044	14
2590	U082			
2591				
2592	2,6-Dichlorophenol.			
2593				
2594	2,6-Dichlorophenol	87-65-0	0.044	14
2595	U083			
2596				
2597	1,2-Dichloropropane.			
2598				
2599	1,2-Dichloropropane	78-87-5	0.85	18
2600	U084			
2601				
2602	1,3-Dichloropropylene.			
2603				
	cis-1,3-Dichloropropylene	10061-01-5	0.036	18
	trans-1,3-Dichloropropylene	10061-02-6	0.036	18
2604				
2605	U085			
2606				
2607	1,2:3,4-Diepoxbutane.			
2608				
	1,2:3,4-Diepoxbutane	1464-53-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2609				
2610	U086			
2611				
2612	N,N'-Diethylhydrazine.			
2613				
	N,N'-Diethylhydrazine	1615-80-1	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST

2614				
2615	U087			
2616				
2617	O,O-Diethyl-S-methyldithiophosphate.			
2618	O,O-Diethyl-S-methyldithiophosphate	3288-58-2	CARBN; or CMBST	CMBST
2619				
2620	U088			
2621				
2622	Diethyl phthalate.			
2623	Diethyl phthalate	84-66-2	0.20	28
2624				
2625	U089			
2626				
2627	Diethyl stilbestrol.			
2628	Diethyl stilbestrol	56-53-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2629				
2630	U090			
2631				
2632	Dihydrosafrole.			
2633	Dihydrosafrole	94-58-6	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2634				
2635	U091			
2636				
2637	3,3'-Dimethoxybenzidine.			
2638	3,3'-Dimethoxybenzidine	119-90-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2639				
2640	U092			
2641				

2642	Dimethylamine.				
2643	Dimethylamine	124-40-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST	
2644					
2645	U093				
2646					
2647	p-Dimethylaminoazobenzene.				
2648	p-Dimethylaminoazobenzene	60-11-7	0.13	CMBST	
2649					
2650	U094				
2651					
2652	7,12-Dimethylbenz(a)anthracene.				
2653	7,12-Dimethylbenz(a)anthracene	57-97-6	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST	
2654					
2655	U095				
2656					
2657	3,3'-Dimethylbenzidine.				
2658	3,3'-Dimethylbenzidine	119-93-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST	
2659					
2660	U096				
2661					
2662	α, α -Dimethyl benzyl hydroperoxide.				
2663	α, α -Dimethyl benzyl hydroperoxide	80-15-9	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST	
2664					
2665	U097				
2666					
2667	Dimethylcarbamoyl chloride.				
2668					

	Dimethylcarbamoyl chloride	79-44-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2669				
2670	U098			
2671				
2672	1,1-Dimethylhydrazine.			
2673	1,1-Dimethylhydrazine	57-14-7	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST
2674				
2675	U099			
2676				
2677	1,2-Dimethylhydrazine.			
2678	1,2-Dimethylhydrazine	540-73-8	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST
2679				
2680	U101			
2681				
2682	2,4-Dimethylphenol.			
2683	2,4-Dimethylphenol	105-67-9	0.036	14
2684				
2685	U102			
2686				
2687	Dimethyl phthalate.			
2688	Dimethyl phthalate	131-11-3	0.047	28
2689				
2690	U103			
2691				
2692	Dimethyl sulfate.			
2693	Dimethyl sulfate	77-78-1	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST
2694				
2695	U105			
2696				

2697	2,4-Dinitrotoluene.			
2698	2,4-Dinitrotoluene	121-14-2	0.32	140
2699				
2700	U106			
2701				
2702	2,6-Dinitrotoluene.			
2703	2,6-Dinitrotoluene	606-20-2	0.55	28
2704				
2705	U107			
2706				
2707	Di-n-octyl phthalate.			
2708	Di-n-octyl phthalate	117-84-0	0.017	28
2709				
2710	U108			
2711				
2712	1,4-Dioxane.			
2713	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
2714				
2715	U109			
2716				
2717	1,2-Diphenylhydrazine.			
2718	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
2719				
2720	U110			
2721				
2722	Dipropylamine.			
2723				

	Dipropylamine	142-84-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2724				
2725	U111			
2726				
2727	Di-n-propylnitrosamine.			
2728				
	Di-n-propylnitrosamine	621-64-7	0.40	14
2729				
2730	U112			
2731				
2732	Ethyl acetate.			
2733				
	Ethyl acetate	141-78-6	0.34	33
2734				
2735	U113			
2736				
2737	Ethyl acrylate.			
2738				
	Ethyl acrylate	140-88-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2739				
2740	U114			
2741				
2742	Ethylenebisdithiocarbamic acid salts and esters.			
2743				
	Ethylenebisdithiocarbamic acid	111-54-6	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2744				
2745	U115			
2746				
2747	Ethylene oxide.			
2748				
	Ethylene oxide	75-21-8	(WETOX or CHOXD) fb CARBN; or CMBST	CHOXD; or CMBST

2749	Ethylene oxide; alternate ⁶ standard for wastewaters only	75-21-8	0.12	NA
2750	U116			
2751				
2752	Ethylene thiourea.			
2753	Ethylene thiourea	96-45-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2754				
2755	U117			
2756				
2757	Ethyl ether.			
2758	Ethyl ether	60-29-7	0.12	160
2759				
2760	U118			
2761				
2762	Ethyl methacrylate.			
2763	Ethyl methacrylate	97-63-2	0.14	160
2764				
2765	U119			
2766				
2767	Ethyl methane sulfonate.			
2768	Ethyl methane sulfonate	62-50-0	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2769				
2770	U120			
2771				
2772	Fluoranthene.			
2773	Fluoranthene	206-44-0	0.068	3.4
2774				
2775	U121			
2776				
2777	Trichloromonofluoromethane.			
2778				

2779	Trichloromonofluoromethane	75-69-4	0.020	30
2780	U122			
2781				
2782	Formaldehyde.			
2783	Formaldehyde	50-00-0	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2784				
2785	U123			
2786				
2787	Formic acid.			
2788	Formic acid	64-18-6	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2789				
2790	U124			
2791				
2792	Furan.			
2793	Furan	110-00-9	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2794				
2795	U125			
2796				
2797	Furfural.			
2798	Furfural	98-01-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2799				
2800	U126			
2801				
2802	Glycidylaldehyde.			
2803				

			(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2804	Glycidylaldehyde	765-34-4		
2805	U127			
2806				
2807	Hexachlorobenzene.			
2808				
2809	Hexachlorobenzene	118-74-1	0.055	10
2810	U128			
2811				
2812	Hexachlorobutadiene.			
2813				
2814	Hexachlorobutadiene	87-68-3	0.055	5.6
2815	U129			
2816				
2817	Lindane.			
2818				
	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
2819				
2820	U130			
2821				
2822	Hexachlorocyclopentadiene.			
2823				
2824	Hexachlorocyclopentadiene	77-47-4	0.057	2.4
2825	U131			
2826				
2827	Hexachloroethane.			
2828				
2829	Hexachloroethane	67-72-1	0.055	30
2830	U132			
2831				
2832	Hexachlorophene.			
2833				

	Hexachlorophene	70-30-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2834				
2835	U133			
2836				
2837	Hydrazine.			
2838	Hydrazine	302-01-2	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST
2839				
2840	U134			
2841				
2842	Hydrogen fluoride.			
2843	Fluoride (measured in wastewaters only)	7664-39-3	35	ADGAS fb NEUTR; or NEUTR
2844				
2845	U135			
2846				
2847	Hydrogen sulfide.			
2848	Hydrogen sulfide	7783-06-4	CHOXD; CHRED; or CMBST	CHOXD; CHRED; or CMBST
2849				
2850	U136			
2851				
2852	Cacodylic acid.			
2853	Arsenic	7440-38-2	1.4	5.0 mg/l TCLP
2854				
2855	U137			
2856				
2857	Indeno(1,2,3-cd)pyrene.			
2858				
2859	Indeno(1,2,3-cd)pyrene	193-39-5	0.0055	3.4
2860				
2861	U138			

2862				
2863	Iodomethane.			
2864	Iodomethane	74-88-4	0.19	65
2865				
2866	U140			
2867				
2868	Isobutyl alcohol.			
2869	Isobutyl alcohol	78-83-1	5.6	170
2870				
2871	U141			
2872				
2873	Isosafrole.			
2874	Isosafrole	120-58-1	0.081	2.6
2875				
2876	U142			
2877				
2878	Kepone.			
2879	Kepone	143-50-8	0.0011	0.13
2880				
2881	U143			
2882				
2883	Lasiocarpine.			
2884	Lasiocarpine	303-34-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2885				
2886	U144			
2887				
2888	Lead acetate.			
2889	Lead	7439-92-1	0.69	0.75 mg/l TCLP
2890				
2891	U145			
2892				
2893	Lead phosphate.			
2894	Lead	7439-92-1	0.69	0.75 mg/l TCLP

2895				
2896	U146			
2897				
2898	Lead subacetate.			
2899	Lead	7439-92-1	0.69	0.75 mg/l TCLP
2900				
2901	U147			
2902				
2903	Maleic anhydride.			
2904	Maleic anhydride	108-31-6	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2905				
2906	U148			
2907				
2908	Maleic hydrazide.			
2909	Maleic hydrazide	123-33-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2910				
2911	U149			
2912				
2913	Malononitrile.			
2914	Malononitrile	109-77-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2915				
2916	U150			
2917				
2918	Melphalan.			
2919	Melphalan	148-82-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2920				

2921	U151			
2922				
2923	U151 (mercury) nonwastewaters that contain greater than or equal to 260 mg/kg total mercury.			
2924				
	Mercury	7439-97-6	NA	RMERC
2925				
2926	U151			
2927				
2928	U151 (mercury) nonwastewaters that contain less than 260 mg/kg total mercury and that are			
2929	residues from RMERC only.			
2930				
	Mercury	7439-97-6	NA	0.20 mg/l TCLP
2931				
2932	U151			
2933				
2934	U151 (mercury) nonwastewaters that contain less than 260 mg/kg total mercury and that are not			
2935	residues from RMERC only.			
2936				
	Mercury	7439-97-6	NA	0.025 mg/l TCLP
2937				
2938	U151			
2939				
2940	All U151 (mercury) wastewater.			
2941				
	Mercury	7439-97-6	0.15	NA
2942				
2943	U151			
2944				
2945	Elemental Mercury Contaminated with Radioactive Materials.			
2946				
	Mercury	7439-97-6	NA	AMLGM
2947				
2948	U152			
2949				
2950	Methacrylonitrile.			
2951				
	Methacrylonitrile	126-98-7	0.24	84
2952				
2953	U153			
2954				
2955	Methanethiol.			
2956				

	Methanethiol	74-93-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2957				
2958	U154			
2959				
2960	Methanol.			
2961				
	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
2962				
2963	U155			
2964				
2965	Methapyrilene.			
2966				
	Methapyrilene	91-80-5	0.081	1.5
2967				
2968	U156			
2969				
2970	Methyl chlorocarbonate.			
2971				
	Methyl chlorocarbonate	79-22-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2972				
2973	U157			
2974				
2975	3-Methylcholanthrene.			
2976				
	3-Methylcholanthrene	56-49-5	0.0055	15
2977				
2978	U158			
2979				
2980	4,4'-Methylene bis(2-chloroaniline).			
2981				

2982	4,4'-Methylene bis(2-chloroaniline)	101-14-4	0.50	30
2983	U159			
2984				
2985	Methyl ethyl ketone.			
2986	Methyl ethyl ketone	78-93-3	0.28	36
2987				
2988	U160			
2989				
2990	Methyl ethyl ketone peroxide.			
2991	Methyl ethyl ketone peroxide	1338-23-4	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST
2992				
2993	U161			
2994				
2995	Methyl isobutyl ketone.			
2996	Methyl isobutyl ketone	108-10-1	0.14	33
2997				
2998	U162			
2999				
3000	Methyl methacrylate.			
3001	Methyl methacrylate	80-62-6	0.14	160
3002				
3003	U163			
3004				
3005	N-Methyl-N'-nitro-N-nitrosoguanidine.			
3006	N-Methyl-N'-nitro-N-nitrosoguanidine	70-25-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3007				
3008	U164			
3009				
3010	Methylthiouracil.			
3011				

	Methylthiouracil	56-04-2	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3012				
3013	U165			
3014				
3015	Naphthalene.			
3016				
	Naphthalene	91-20-3	0.059	5.6
3017				
3018	U166			
3019				
3020	1,4-Naphthoquinone.			
3021				
	1,4-Naphthoquinone	130-15-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3022				
3023	U167			
3024				
3025	1-Naphthylamine.			
3026				
	1-Naphthylamine	134-32-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3027				
3028	U168			
3029				
3030	2-Naphthylamine.			
3031				
	2-Naphthylamine	91-59-8	0.52	CMBST
3032				
3033	U169			
3034				
3035	Nitrobenzene.			
3036				
	Nitrobenzene	98-95-3	0.068	14
3037				
3038	U170			
3039				

3040	p-Nitrophenol.			
3041	p-Nitrophenol	100-02-7	0.12	29
3042				
3043	U171			
3044				
3045	2-Nitropropane.			
3046	2-Nitropropane	79-46-9	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3047				
3048	U172			
3049				
3050	N-Nitrosodi-n-butylamine.			
3051	N-Nitrosodi-n-butylamine	924-16-3	0.40	17
3052				
3053	U173			
3054				
3055	N-Nitrosodiethanolamine.			
3056	N-Nitrosodiethanolamine	1116-54-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3057				
3058	U174			
3059				
3060	N-Nitrosodiethylamine.			
3061	N-Nitrosodiethylamine	55-18-5	0.40	28
3062				
3063	U176			
3064				
3065	N-Nitroso-N-ethylurea.			
3066	N-Nitroso-N-ethylurea	759-73-9	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3067				

3068	U177			
3069				
3070	N-Nitroso-N-methylurea.			
3071	N-Nitroso-N-methylurea	684-93-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3072				
3073	U178			
3074				
3075	N-Nitroso-N-methylurethane.			
3076	N-Nitroso-N-methylurethane	615-53-2	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3077				
3078	U179			
3079				
3080	N-Nitrosopiperidine.			
3081	N-Nitrosopiperidine	100-75-4	0.013	35
3082				
3083	U180			
3084				
3085	N-Nitrosopyrrolidine.			
3086	N-Nitrosopyrrolidine	930-55-2	0.013	35
3087				
3088	U181			
3089				
3090	5-Nitro-o-toluidine.			
3091	5-Nitro-o-toluidine	99-55-8	0.32	28
3092				
3093	U182			
3094				
3095	Paraldehyde.			
3096				

	Paraldehyde	123-63-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3097				
3098	U183			
3099				
3100	Pentachlorobenzene.			
3101				
	Pentachlorobenzene	608-93-5	0.055	10
3102				
3103	U184			
3104				
3105	Pentachloroethane.			
3106				
	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
3107				
3108	U185			
3109				
3110	Pentachloronitrobenzene.			
3111				
	Pentachloronitrobenzene	82-68-8	0.055	4.8
3112				
3113	U186			
3114				
3115	1,3-Pentadiene.			
3116				
	1,3-Pentadiene	504-60-9	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3117				
3118	U187			
3119				
3120	Phenacetin.			
3121				
	Phenacetin	62-44-2	0.081	16

3122				
3123	U188			
3124				
3125	Phenol.			
3126	Phenol	108-95-2	0.039	6.2
3127				
3128	U189			
3129				
3130	Phosphorus sulfide.			
3131	Phosphorus sulfide	1314-80-3	CHOXD; CHRED; or CMBST	CHOXD; CHRED; or CMBST
3132				
3133	U190			
3134				
3135	Phthalic anhydride.			
3136	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
3137				
3138	U191			
3139				
3140	2-Picoline.			
3141	2-Picoline	109-06-8	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3142				
3143	U192			
3144				
3145	Pronamide.			
3146	Pronamide	23950-58-5	0.093	1.5
3147				
3148	U193			
3149				
3150	1,3-Propane sultone.			

3151	1,3-Propane sultone	1120-71-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3152				
3153	U194			
3154				
3155	n-Propylamine.			
3156	n-Propylamine	107-10-8	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3157				
3158	U196			
3159				
3160	Pyridine.			
3161	Pyridine	110-86-1	0.014	16
3162				
3163	U197			
3164				
3165	p-Benzoquinone.			
3166	p-Benzoquinone	106-51-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3167				
3168	U200			
3169				
3170	Reserpine.			
3171	Reserpine	50-55-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3172				
3173	U201			
3174				
3175	Resorcinol.			
3176				

	Resorcinol-	108-46-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3177				
3178	U203			
3179				
3180	Safrole.			
3181				
	Safrole	94-59-7	0.081	22
3182				
3183	U204			
3184				
3185	Selenium dioxide.			
3186				
	Selenium	7782-49-2	0.82	5.7 mg/l TCLP
3187				
3188	U205			
3189				
3190	Selenium sulfide.			
3191				
	Selenium	7782-49-2	0.82	5.7 mg/l TCLP
3192				
3193	U206			
3194				
3195	Streptozotocin.			
3196				
	Streptozotocin	18883-66-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3197				
3198	U207			
3199				
3200	1,2,4,5-Tetrachlorobenzene.			
3201				
	1,2,4,5-Tetrachlorobenzene	95-94-3	0.055	14
3202				
3203	U208			
3204	1,1,1,2-			
3205	Tetrachloroethane.			
3206				
	1,1,1,2-Tetrachloroethane	630-20-6	0.057	6.0

3207				
3208	U209			
3209				
3210	1,1,2,2-Tetrachloroethane.			
3211	1,1,2,2-Tetrachloroethane	79-34-5	0.057	6.0
3212				
3213	U210			
3214				
3215	Tetrachloroethylene.			
3216	Tetrachloroethylene	127-18-4	0.056	6.0
3217				
3218	U211			
3219				
3220	Carbon tetrachloride.			
3221	Carbon tetrachloride	56-23-5	0.057	6.0
3222				
3223	U213			
3224				
3225	Tetrahydrofuran.			
3226	Tetrahydrofuran	109-99-9	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3227				
3228	U214			
3229				
3230	Thallium (I) acetate.			
3231	Thallium (measured in wastewaters only)	7440-28-0	1.4	RTHRM; or STABL
3232				
3233	U215			
3234				
3235	Thallium (I) carbonate.			
3236	Thallium (measured in wastewaters only)	7440-28-0	1.4	RTHRM; or STABL
3237				
3238	U216			

3239				
3240	Thallium (I) chloride.			
3241	Thallium (measured in wastewaters only)	7440-28-0	1.4	RTHRM; or STABL
3242				
3243	U217			
3244				
3245	Thallium (I) nitrate.			
3246	Thallium (measured in wastewaters only)	7440-28-0	1.4	RTHRM; or STABL
3247				
3248	U218			
3249				
3250	Thioacetamide.			
3251	Thioacetamide	62-55-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3252				
3253	U219			
3254				
3255	Thiourea.			
3256	Thiourea	62-56-6	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3257				
3258	U220			
3259				
3260	Toluene.			
3261	Toluene	108-88-3	0.080	10
3262				
3263	U221			
3264				
3265	Toluenediamine.			
3266	Toluenediamine	25376-45-8	CARBN; or CMBST	CMBST

3267				
3268	U222			
3269				
3270	o-Toluidine hydrochloride.			
3271	o-Toluidine hydrochloride	636-21-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3272				
3273	U223			
3274				
3275	Toluene diisocyanate.			
3276	Toluene diisocyanate	26471-62-5	CARBN; or CMBST	CMBST
3277				
3278	U225			
3279				
3280	Bromoform (Tribromomethane).			
3281	Bromoform (Tribromomethane)	75-25-2	0.63	15
3282				
3283	U226			
3284	1,1,1-Trichloroethane.			
3285	1,1,1-Trichloroethane	71-55-6	0.054	6.0
3286				
3287	U227			
3288				
3289	1,1,2-Trichloroethane.			
3290	1,1,2-Trichloroethane	79-00-5	0.054	6.0
3291				
3292	U228			
3293				
3294	Trichloroethylene.			
3295	Trichloroethylene	79-01-6	0.054	6.0
3296				
3297	U234			
3298	1,3,5-Trinitrobenzene.			
3299				

	1,3,5-Trinitrobenzene	99-35-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3300				
3301	U235			
3302				
3303	tris-(2,3-Dibromopropyl)-phosphate.			
3304	tris-(2,3-Dibromopropyl)- phosphate	126-72-7	0.11	0.10
3305				
3306	U236			
3307				
3308	Trypan Blue.			
3309	Trypan Blue	72-57-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3310				
3311	U237			
3312				
3313	Uracil mustard.			
3314	Uracil mustard	66-75-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3315				
3316	U238			
3317				
3318	Urethane (Ethyl carbamate).			
3319	Urethane (Ethyl carbamate)	51-79-6	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3320				
3321	U239			
3322				
3323	Xylenes.			
3324				

3325	Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations)	1330-20-7	0.32	30
3326	U240			
3327				
3328	2,4-D (2,4-Dichlorophenoxyacetic acid).			
3329	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
3330				
3331	U243			
3332				
3333	Hexachloropropylene.			
3334	Hexachloropropylene	1888-71-7	0.035	30
3335				
3336	U244			
3337				
3338	Thiram.			
3339	Thiram	137-26-8	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3340				
3341	U246			
3342				
3343	Cyanogen bromide.			
3344	Cyanogen bromide	506-68-3	CHOXD; WETOX; or CMBST	CHOXD; WETOX; or CMBST
3345				
3346	U247			
3347				
3348	Methoxychlor.			
3349	Methoxychlor	72-43-5	0.25	0.18

3350				
3351	U248			
3352				
3353	Warfarin, & salts, when present at concentrations of 0.3 percent or less.			
3354	Warfarin	81-81-2	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3355				
3356	U249			
3357				
3358	Zinc phosphide, Zn ₃ P ₂ , when present at concentrations of 10 percent or less.			
3359	Zinc Phosphide	1314-84-7	CHOXD; CHRED; or CMBST	CHOXD; CHRED; or CMBST
3360				
3361	U271			
3362				
3363	Benomyl. ¹⁰			
3364	Benomyl	17804-35-2	<u>0.056; or CMBST,</u> <u>CHOXD, BIODG</u> <u>or CARBN</u>	<u>1.4; or CMBST</u>
3365				
3366	U278			
3367				
3368	Bendiocarb. ¹⁰			
3369	Bendiocarb	22781-23-3	<u>0.056; or CMBST,</u> <u>CHOXD, BIODG</u> <u>or CARBN</u>	<u>1.4; or CMBST</u>
3370				
3371	U279			
3372				
3373	Carbaryl. ¹⁰			
3374	Carbaryl	63-25-2	<u>0.006; or CMBST,</u> <u>CHOXD, BIODG</u> <u>or CARBN</u>	<u>0.14; or CMBST</u>
3375				
3376	U280			
3377				

3378	Barban. ¹⁰			
3379	Barban	101-27-9	0.056; or CMBST, <u>CHOXD, BIODG</u> or <u>CARBN</u>	1.4; or CMBST
3380				
3381	U328			
3382				
3383	o-Toluidine.			
3384	o-Toluidine	95-53-4	CMBST; or CHOXD fb (BIODG or CARBN); or BIODG fb CARBN	CMBST
3385				
3386	U353			
3387				
3388	p-Toluidine.			
3389	p-Toluidine	106-49-0	CMBST; or CHOXD fb (BIODG or CARBN); or BIODG fb CARBN	CMBST
3390				
3391	U359			
3392				
3393	2-Ethoxyethanol.			
3394	2-Ethoxyethanol	110-80-5	CMBST; or CHOXD fb (BIODG or CARBN); or BIODG fb CARBN	CMBST
3395				
3396	U364			
3397				
3398	Bendiocarb phenol. ¹⁰			
3399				

JCAR350728-1201269r01

	Bendiocarb phenol	22961-82-6	0.056; or <u>CMBST, CHOXD, BIODG</u> or <u>CARBN</u>	1.4; or <u>CMBST</u>
3400				
3401	U367			
3402				
3403	Carbofuran phenol. ¹⁰			
3404	Carbofuran phenol	1563-38-8	0.056; or <u>CMBST, CHOXD, BIODG</u> or <u>CARBN</u>	1.4; or <u>CMBST</u>
3405				
3406	U372			
3407	Carbendazim. ¹⁰			
3408	Carbendazim	10605-21-7	0.056; or <u>CMBST, CHOXD, BIODG</u> or <u>CARBN</u>	1.4; or <u>CMBST</u>
3409				
3410	U373			
3411				
3412	Propham. ¹⁰			
3413	Propham	122-42-9	0.056; or <u>CMBST, CHOXD, BIODG</u> or <u>CARBN</u>	1.4; or <u>CMBST</u>
3414				
3415	U387			
3416				
3417	Prosulfocarb. ¹⁰			
3418	Prosulfocarb	52888-80-9	0.042; or <u>CMBST, CHOXD, BIODG</u> or <u>CARBN</u>	1.4; or <u>CMBST</u>
3419				
3420	U389			
3421				
3422	Triallate. ¹⁰			
3423	Triallate	2303-17-5	0.042; or <u>CMBST, CHOXD, BIODG</u> or <u>CARBN</u>	1.4; or <u>CMBST</u>
3424				

3425	U394			
3426				
3427	A2213. ¹⁰			
3428				
	A2213	30558-43-1	<u>0.042; or CMBST, CHOXD, BIODG or CARBN</u>	<u>1.4; or CMBST</u>
3429				
3430	U395			
3431				
3432	Diethylene glycol, dicarbamate. ¹⁰			
3433				
	Diethylene glycol, dicarbamate	5952-26-1	<u>0.056; or CMBST, CHOXD, BIODG or CARBN</u>	<u>1.4; or CMBST</u>
3434				
3435	U404			
3436				
3437	Triethylamine. ¹⁰			
3438				
	Triethylamine	101-44-8	<u>0.081; or CMBST, CHOXD, BIODG or CARBN</u>	<u>1.5; or CMBST</u>
3439				
3440	U409			
3441				
3442	Thiophanate-methyl. ¹⁰			
3443				
	Thiophanate-methyl	23564-05-8	<u>0.056; or CMBST, CHOXD, BIODG or CARBN</u>	<u>1.4; or CMBST</u>
3444				
3445	U410			
3446				
3447	Thiodicarb. ¹⁰			
3448				
	Thiodicarb	59669-26-0	<u>0.019; or CMBST, CHOXD, BIODG or CARBN</u>	<u>1.4; or CMBST</u>
3449				
3450	U411			
3451				
3452	Propoxur. ¹⁰			

3453 Propoxur 114-26-1 0.056; or CMBST, 1.4; or CMBST
CHOXD, BIODG
or CARBN

3454
 3455 Notes:

- 3456
- 3457 1 The waste descriptions provided in this table do not replace waste descriptions in 35 Ill.
 3458 Adm. Code 721. Descriptions of Treatment or Regulatory Subcategories are provided, as
 3459 needed, to distinguish between applicability of different standards.
 3460
- 3461 2 CAS means Chemical Abstract Services. When the waste code or regulated constituents
 3462 are described as a combination of a chemical with its salts or esters, the CAS number is
 3463 given for the parent compound only.
 3464
- 3465 3 Concentration standards for wastewaters are expressed in mg/l and are based on analysis
 3466 of composite samples.
 3467
- 3468 4 All treatment standards expressed as a Technology Code or combination of Technology
 3469 Codes are explained in detail in Table C of this Part, "Technology Codes and
 3470 Descriptions of Technology-Based Standards." "fb" inserted between waste codes
 3471 denotes "followed by," so that the first-listed treatment is followed by the second-listed
 3472 treatment. A semicolon (;) separates alternative treatment schemes.
 3473
- 3474 5 Except for Metals (EP or TCLP) and Cyanides (Total and Amenable), the nonwastewater
 3475 treatment standards expressed as a concentration were established, in part, based on
 3476 incineration in units operated in accordance with the technical requirements of Subpart O
 3477 of 35 Ill. Adm. Code 724 or Subpart O of 35 Ill. Adm. Code 725 or based on combustion
 3478 in fuel substitution units operating in accordance with applicable technical requirements.
 3479 A facility may comply with these treatment standards according to provisions in Section
 3480 728.140(d). All concentration standards for nonwastewaters are based on analysis of grab
 3481 samples.
 3482
- 3483 6 Where an alternate treatment standard or set of alternate standards has been indicated, a
 3484 facility may comply with this alternate standard, but only for the Treatment or Regulatory
 3485 Subcategory or physical form (i.e., wastewater or nonwastewater) specified for that
 3486 alternate standard.
 3487
- 3488 7 Both Cyanides (Total) and Cyanides (Amenable) for nonwastewaters are to be analyzed
 3489 using Method 9010C or 9012B, in "Test Methods for Evaluating Solid Waste, Physical or
 3490 Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by
 3491 reference in 35 Ill. Adm. Code 720.111(a), with a sample size of 10 grams and a
 3492 distillation time of one hour and 15 minutes.

- 3493
3494 8 These wastes, when rendered non-hazardous and then subsequently managed in CWA or
3495 CWA-equivalent systems, are not subject to treatment standards. (See Section
3496 728.101(c)(3) and (c)(4).)
3497
- 3498 9 These wastes, when rendered non-hazardous and then subsequently injected in a Class I
3499 SDWA well, are not subject to treatment standards. (See 35 Ill. Adm. Code 738.101(d).)
3500
- 3501 10 The treatment standard for this waste may be satisfied by either meeting the constituent
3502 concentrations in the table in this Section or by treating the waste by the specified
3503 technologies: combustion, as defined by the technology code CMBST at Table C, for
3504 nonwastewaters; and biodegradation, as defined by the technology code BIODG; carbon
3505 adsorption, as defined by the technology code CARBN; chemical oxidation, as defined by
3506 the technology code CHOXD; or combustion, as defined as technology code CMBST, at
3507 Table C, for wastewaters.
3508
- 3509 11 For these wastes, the definition of CMBST is limited to any of the following that have
3510 obtained a determination of equivalent treatment under Section 728.142(b): (1)
3511 combustion units operating under 35 Ill. Adm. Code 726, (2) combustion units permitted
3512 under Subpart O of 35 Ill. Adm. Code 724, or (3) combustion units operating under
3513 Subpart O of 35 Ill. Adm. Code 725.
3514
- 3515 12 Disposal of USEPA hazardous waste number K175 waste that has complied with all
3516 applicable Section 728.140 treatment standards must also be macroencapsulated in
3517 accordance with Table F of this Part, unless the waste is placed in either of the following
3518 types of facilities:
3519
- 3520 a) A RCRA Subtitle C monofill containing only K175 wastes that meet all
3521 applicable 40 CFR 268.40 treatment standards; or
 - 3522
 - 3523 b) A dedicated RCRA Subtitle C landfill cell in which all other wastes being co-
3524 disposed are at pH≤6.0.
3525
- 3526 BOARD NOTE: Derived from table to 40 CFR 268.40 (2011)~~(2010)~~.
3527
- 3528 NA means not applicable.
3529
- 3530 (Source: Amended at 36 Ill. Reg. _____, effective _____)

3531 **Section 728.TABLE U Universal Treatment Standards (UTS)**
 3532

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
Diethrin	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
EPTC⁶	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 hydrochloride⁶	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
Methiocarb⁶	2032-65-7	0.056	1.4
Methomyl⁶	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
Metolcarb⁶	1129-41-5	0.056	1.4
Mexacarbate⁶	315-18-4	0.056	1.4
Molinate⁶	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

3533
3534
3535
3536
3537
3538
3539
3540
3541
3542
3543
3544
3545
3546
3547
3548
3549
3550
3551
3552
3553
3554
3555
3556
3557
3558
3559
3560
3561

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 USEPA has removed and marked "reserved."~~already expired by its own terms.~~ This statement maintains structural consistency with the corresponding federal regulations.

3562 7 This constituent is not an underlying hazardous constituent, as defined at Section 728.102(i),
3563 because its UTS level is greater than its TC level. Thus, a treated selenium waste would
3564 always be characteristically hazardous unless it is treated to below its characteristic level.
3565

3566 8 This standard is temporarily deferred for soil exhibiting a hazardous characteristic due to
3567 USEPA hazardous waste numbers D004 through D011 only.
3568

3569 Note: NA means not applicable.
3570

3571 BOARD NOTE: Derived from table to 40 CFR 268.48(a) (2011)~~(2010)~~.
3572

3573 (Source: Amended at 36 Ill. Reg. _____, effective _____)