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

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

USEPA Hazardous Waste Number

Waste Description and Treatment or Regulatory Subcategory1

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

D0019

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

|  |  |  |  |
| --- | --- | --- | --- |
| NA | NA | DEACT and meet Section 728.148 standards8; or RORGS; or CMBST | DEACT 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.)

|  |  |  |  |
| --- | --- | --- | --- |
| NA | NA | NA | RORGS; CMBST; or POLYM |

D0029

Corrosive Characteristic Wastes.

|  |  |  |  |
| --- | --- | --- | --- |
| NA | NA | DEACT 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) | 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 |

D0039

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

|  |  |  |  |
| --- | --- | --- | --- |
| NA | NA | DEACT | DEACT |

D0039

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

|  |  |  |  |
| --- | --- | --- | --- |
| NA | NA | DEACT and meet Section 728.148 standards8 | DEACT and meet Section 728.148 standards8 |

D0039

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

|  |  |  |  |
| --- | --- | --- | --- |
| NA | NA | DEACT | DEACT |

D0039

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

|  |  |  |  |
| --- | --- | --- | --- |
| NA | NA | DEACT and meet Section 728.148 standards8 | DEACT and meet Section 728.148 standards8 |

D0039

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

(Note: This subcategory consists of nonwastewaters only.)

|  |  |  |  |
| --- | --- | --- | --- |
| NA | NA | NA | DEACT and meet Section 728.148 standards8 |

D0039

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 |

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 standards8 | 5.0 mg/ℓ TCLP and meet Section 728.148 standards8 |

D0059

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

|  |  |  |  |
| --- | --- | --- | --- |
| Barium | 7440-39-3 | 1.2 and meet Section 728.148 standards8 | 21 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).

|  |  |  |  |
| --- | --- | --- | --- |
| Cadmium | 7440-43-9 | 0.69 and meet Section 728.148 standards8 | 0.11 mg/ℓ TCLP and meet Section 728.148 standards8 |

D0069

Cadmium-Containing Batteries Subcategory.

(Note: This subcategory consists of nonwastewaters only.)

|  |  |  |  |
| --- | --- | --- | --- |
| Cadmium | 7440-43-9 | NA | RTHRM |

D0069

Radioactively contaminated cadmium-containing batteries.

(Note: This subcategory consists of nonwastewaters only.)

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

D0079

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

|  |  |  |  |
| --- | --- | --- | --- |
| Chromium (Total) | 7440-47-3 | 2.77 and meet Section 728.148 standards8 | 0.60 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).

|  |  |  |  |
| --- | --- | --- | --- |
| Lead | 7439-92-1 | 0.69 and meet Section 728.148 standards8 | 0.75 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.)

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

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 |

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)

|  |  |  |  |
| --- | --- | --- | --- |
| Mercury | 7439-97-6 | NA | IMERC; 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)

|  |  |  |  |
| --- | --- | --- | --- |
| Mercury | 7439-97-6 | NA | 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 less than 260 mg/kg total mercury. (Low Mercury Subcategory)

|  |  |  |  |
| --- | --- | --- | --- |
| Mercury | 7439-97-6 | NA | 0.20 mg/ℓ TCLP and meet Section 728.148 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)

|  |  |  |  |
| --- | --- | --- | --- |
| Mercury | 7439-97-6 | NA | 0.025 mg/ℓ TCLP and meet Section 728.148 standards8 |

D0099

All D009 wastewaters.

|  |  |  |  |
| --- | --- | --- | --- |
| Mercury | 7439-97-6 | 0.15 and meet Section 728.148 standards8 | NA |

D0099

Elemental mercury contaminated with radioactive materials.

(Note: This subcategory consists of nonwastewaters only.)

|  |  |  |  |
| --- | --- | --- | --- |
| Mercury | 7439-97-6 | NA | AMLGM |

D0099

Hydraulic oil contaminated with Mercury Radioactive Materials Subcategory.

(Note: This subcategory consists of nonwastewaters only.)

|  |  |  |  |
| --- | --- | --- | --- |
| Mercury | 7439-97-6 | NA | IMERC |

D0099

Radioactively contaminated mercury-containing batteries.

(Note: This subcategory consists of nonwastewaters only.)

|  |  |  |  |
| --- | --- | --- | --- |
| Mercury | 7439-97-6 | NA | Macroencapsulation 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).

|  |  |  |  |
| --- | --- | --- | --- |
| Selenium | 7782-49-2 | 0.82 and meet Section 728.148 standards8 | 5.7 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).

|  |  |  |  |
| --- | --- | --- | --- |
| Silver | 7440-22-4 | 0.43 | 0.14 mg/ℓ TCLP and meet Section 728.148 standards8 |

D0119

Radioactively contaminated silver-containing batteries.

(Note: This subcategory consists of nonwastewaters only.)

|  |  |  |  |
| --- | --- | --- | --- |
| Silver | 7440-22-4 | NA | Macroencapsulation 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).

|  |  |  |  |
| --- | --- | --- | --- |
| Endrin | 72-20-8 | BIODG; or CMBST | 0.13 and meet Section 728.148 standards8 |
| Endrin aldehyde | 7421-93-4 | BIODG; or CMBST | 0.13 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).

|  |  |  |  |
| --- | --- | --- | --- |
| a-BHC | 319-84-6 | CARBN; or CMBST | 0.066 and meet Section 728.148 standards8 |
| b-BHC | 319-85-7 | CARBN; or CMBST | 0.066 and meet Section 728.148 standards8 |
| d-BHC | 319-86-8 | CARBN; or CMBST | 0.066 and meet Section 728.148 standards8 |
| γ-BHC (Lindane) | 58-89-9 | CARBN; or CMBST | 0.066 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).

|  |  |  |  |
| --- | --- | --- | --- |
| Methoxychlor | 72-43-5 | WETOX or CMBST | 0.18 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).

|  |  |  |  |
| --- | --- | --- | --- |
| Toxaphene | 8001-35-2 | BIODG or CMBST | 2.6 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) | 94-75-7 | CHOXD; BIODG; or CMBST | 10 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) | 93-72-1 | CHOXD or CMBST | 7.9 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 | 71-43-2 | 0.14 and meet Section 728.148 standards8 | 10 and meet Section 728.148 standards8 |

D0199

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

|  |  |  |  |
| --- | --- | --- | --- |
| Carbon tetra­chloride | 56-23-5 | 0.057 and meet Section 728.148 standards8 | 6.0 and meet Section 728.148 standards8 |

D0209

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

|  |  |  |  |
| --- | --- | --- | --- |
| Chlordane (a and c isomers) | 57-74-9 | 0.0033 and meet Section 728.148 standards8 | 0.26 and meet Section 728.148 standards8 |

D0219

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

|  |  |  |  |
| --- | --- | --- | --- |
| Chlorobenzene | 108-90-7 | 0.057 and meet Section 728.148 standards8 | 6.0 and meet Section 728.148 standards8 |

D0229

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

|  |  |  |  |
| --- | --- | --- | --- |
| Chloroform | 67-66-3 | 0.046 and meet Section 728.148 standards8 | 6.0 and meet Section 728.148 standards8 |

D0239

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

|  |  |  |  |
| --- | --- | --- | --- |
| o-Cresol | 95-48-7 | 0.11 and meet Section 728.148 standards8 | 5.6 and meet Section 728.148 standards8 |

D0249

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

|  |  |  |  |
| --- | --- | --- | --- |
| m-Cresol  (difficult to distinguish from p-cresol) | 108-39-4 | 0.77 and meet Section 728.148 standards8 | 5.6 and meet Section 728.148 standards8 |

D0259

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

|  |  |  |  |
| --- | --- | --- | --- |
| p-Cresol  (difficult to distinguish from m-cresol) | 106-44-5 | 0.77 and meet Section 728.148 standards8 | 5.6 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) | 1319-77-3 | 0.88 and meet Section 728.148 standards8 | 11.2 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) | 106-46-7 | 0.090 and meet Section 728.148 standards8 | 6.0 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-Dichloroethane | 107-06-2 | 0.21 and meet Section 728.148 standards8 | 6.0 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-Dichloroethylene | 75-35-4 | 0.025 and meet Section 728.148 standards8 | 6.0 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-Dinitrotoluene | 121-14-2 | 0.32 and meet Section 728.148 standards8 | 140 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 | 76-44-8 | 0.0012 and meet Section 728.148 standards8 | 0.066 and meet Section 728.148 standards8 |
| Heptachlor epoxide | 1024-57-3 | 0.016 and meet Section 728.148 standards8 | 0.066 and meet Section 728.148 standards8 |

D0329

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

|  |  |  |  |
| --- | --- | --- | --- |
| Hexachlorobenzene | 118-74-1 | 0.055 and meet Section 728.148 standards8 | 10 and meet Section 728.148 standards8 |

D0339

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

|  |  |  |  |
| --- | --- | --- | --- |
| Hexachlorobutadiene | 87-68-3 | 0.055 and meet Section 728.148 standards8 | 5.6 and meet Section 728.148 standards8 |

D0349

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

|  |  |  |  |
| --- | --- | --- | --- |
| Hexachloroethane | 67-72-1 | 0.055 and meet Section 728.148 standards8 | 30 and meet Section 728.148 standards8 |

D0359

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

|  |  |  |  |
| --- | --- | --- | --- |
| Methyl ethyl ketone | 78-93-3 | 0.28 and meet Section 728.148 standards8 | 36 and meet Section 728.148 standards8 |

D0369

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

|  |  |  |  |
| --- | --- | --- | --- |
| Nitrobenzene | 98-95-3 | 0.068 and meet Section 728.148 standards8 | 14 and meet Section 728.148 standards8 |

D0379

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

|  |  |  |  |
| --- | --- | --- | --- |
| Pentachlorophenol | 87-86-5 | 0.089 and meet Section 728.148 standards8 | 7.4 and meet Section 728.148 standards8 |

D0389

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

|  |  |  |  |
| --- | --- | --- | --- |
| Pyridine | 110-86-1 | 0.014 and meet Section 728.148 standards8 | 16 and meet Section 728.148 standards8 |

D0399

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

|  |  |  |  |
| --- | --- | --- | --- |
| Tetrachloroethylene | 127-18-4 | 0.056 and meet Section 728.148 standards8 | 6.0 and meet Section 728.148 standards8 |

D0409

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

|  |  |  |  |
| --- | --- | --- | --- |
| Trichloroethylene | 79-01-6 | 0.054 and meet Section 728.148 standards8 | 6.0 and meet Section 728.148 standards8 |

D0419

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

|  |  |  |  |
| --- | --- | --- | --- |
| 2,4,5-Trichlorophenol | 95-95-4 | 0.18 and meet Section 728.148 standards8 | 7.4 and meet Section 728.148 standards8 |

D0429

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

|  |  |  |  |
| --- | --- | --- | --- |
| 2,4,6-Trichlorophenol | 88-06-2 | 0.035 and meet Section 728.148 standards8 | 7.4 and meet Section 728.148 standards8 |

D0439

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

|  |  |  |  |
| --- | --- | --- | --- |
| Vinyl chloride | 75-01-4 | 0.27 and meet Section 728.148 standards8 | 6.0 and meet Section 728.148 standards8 |

F001, F002, F003, F004 & F005

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

|  |  |  |  |
| --- | --- | --- | --- |
| Acetone | 67-64-1 | 0.28 | 160 |
| Benzene | 71-43-2 | 0.14 | 10 |
| n-Butyl alcohol | 71-36-3 | 5.6 | 2.6 |
| Carbon disulfide | 75-15-0 | 3.8 | NA |
| Carbon tetrachloride | 56-23-5 | 0.057 | 6.0 |
| Chlorobenzene | 108-90-7 | 0.057 | 6.0 |
| o-Cresol | 95-48-7 | 0.11 | 5.6 |
| m-Cresol  (difficult to distinguish from p-cresol) | 108-39-4 | 0.77 | 5.6 |
| p-Cresol  (difficult to distinguish from m-cresol) | 106-44-5 | 0.77 | 5.6 |
| Cresol-mixed isomers (Cresylic acid)  (sum of o-, m-, and p-cresol concentrations) | 1319-77-3 | 0.88 | 11.2 |
| Cyclohexanone | 108-94-1 | 0.36 | NA |
| o-Dichlorobenzene | 95-50-1 | 0.088 | 6.0 |
| Ethyl acetate | 141-78-6 | 0.34 | 33 |
| Ethyl benzene | 100-41-4 | 0.057 | 10 |
| Ethyl ether | 60-29-7 | 0.12 | 160 |
| Isobutyl alcohol | 78-83-1 | 5.6 | 170 |
| Methanol | 67-56-1 | 5.6 | NA |
| Methylene chloride | 75-9-2 | 0.089 | 30 |
| Methyl ethyl ketone | 78-93-3 | 0.28 | 36 |
| Methyl isobutyl ketone | 108-10-1 | 0.14 | 33 |
| Nitrobenzene | 98-95-3 | 0.068 | 14 |
| Pyridine | 110-86-1 | 0.014 | 16 |
| Tetrachloroethylene | 127-18-4 | 0.056 | 6.0 |
| Toluene | 108-88-3 | 0.080 | 10 |
| 1,1,1-Trichloroethane | 71-55-6 | 0.054 | 6.0 |
| 1,1,2-Trichloroethane | 79-00-5 | 0.054 | 6.0 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 76-13-1 | 0.057 | 30 |
| Trichloroethylene | 79-01-6 | 0.054 | 6.0 |
| Trichloromonofluoromethane | 75-69-4 | 0.020 | 30 |
| Xylenes-mixed isomers  (sum of o-, m-, and p-xylene concentrations) | 1330-20-7 | 0.32 | 30 |

F001, F002, F003, F004 & F005

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

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

F001, F002, F003, F004 & F005

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

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

F001, F002, F003, F004 & F005

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

|  |  |  |  |
| --- | --- | --- | --- |
| 2-Ethoxyethanol | 110-80-5 | BIODG; or CMBST | CMBST |

F006

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

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

F007

Spent cyanide plating bath solutions from electroplating operations.

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

F008

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

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

F009

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

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

F010

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

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

F011

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

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

F012

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

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

F019

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

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

F020, F021, F022, F023, F026

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

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

F024

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

|  |  |  |  |
| --- | --- | --- | --- |
| All F024 wastes | NA | CMBST11 | CMBST11 |
| 2-Chloro-1,3-butadiene | 126-99-8 | 0.057 | 0.28 |
| 3-Chloropropylene | 107-05-1 | 0.036 | 30 |
| 1,1-Dichloroethane | 75-34-3 | 0.059 | 6.0 |
| 1,2-Dichloroethane | 107-06-2 | 0.21 | 6.0 |
| 1,2-Dichloropropane | 78-87-5 | 0.85 | 18 |
| cis-1,3-Dichloropropylene | 10061-01-5 | 0.036 | 18 |
| trans-1,3-Dichloropropylene | 10061-02-6 | 0.036 | 18 |
| bis(2-Ethylhexyl) phthalate | 117-81-7 | 0.28 | 28 |
| Hexachloroethane | 67-72-1 | 0.055 | 30 |
| Chromium (Total) | 7440-47-3 | 2.77 | 0.60 mg/ℓ TCLP |
| Nickel | 7440-02-0 | 3.98 | 11 mg/ℓ TCLP |

F025

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

|  |  |  |  |
| --- | --- | --- | --- |
| Carbon tetrachloride | 56-23-5 | 0.057 | 6.0 |
| Chloroform | 67-66-3 | 0.046 | 6.0 |
| 1,2-Dichloroethane | 107-06-2 | 0.21 | 6.0 |
| 1,1-Dichloroethylene | 75-35-4 | 0.025 | 6.0 |
| Methylene chloride | 75-9-2 | 0.089 | 30 |
| 1,1,2-Trichloroethane | 79-00-5 | 0.054 | 6.0 |
| Trichloroethylene | 79-01-6 | 0.054 | 6.0 |
| Vinyl chloride | 75-01-4 | 0.27 | 6.0 |

F025

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

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

F027

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

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

F028

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

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

F032

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

|  |  |  |  |
| --- | --- | --- | --- |
| Acenaphthene | 83-32-9 | 0.059 | 3.4 |
| Anthracene | 120-12-7 | 0.059 | 3.4 |
| Benz(a)anthracene | 56-55-3 | 0.059 | 3.4 |
| Benzo(b)fluoranthene (difficult to distinguish from benzo(k) fluoranthene) | 205-99-2 | 0.11 | 6.8 |
| Benzo(k)fluoranthene (difficult to distinguish from benzo(b) fluoranthene) | 207-08-9 | 0.11 | 6.8 |
| Benzo(a)pyrene | 50-32-8 | 0.061 | 3.4 |
| Chrysene | 218-01-9 | 0.059 | 3.4 |
| Dibenz(a,h)anthracene | 53-70-3 | 0.055 | 8.2 |
| 2-4-Dimethyl phenol | 105-67-9 | 0.036 | 14 |
| Fluorene | 86-73-7 | 0.059 | 3.4 |
| Hexachlorodibenzo-p-dioxins | NA | 0.000063 or CMBST11 | 0.001 or CMBST11 |
| Hexachlorodibenzofurans | NA | 0.000063 or CMBST11 | 0.001 or CMBST11 |
| 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 CMBST11 | 0.001 or CMBST11 |
| Pentachlorodibenzofurans | NA | 0.000035 or CMBST11 | 0.001 or CMBST11 |
| 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 CMBST11 | 0.001 or CMBST11 |
| Tetrachlorodibenzofurans | NA | 0.000063 or CMBST11 | 0.001 or CMBST11 |
| 2,3,4,6-Tetrachlorophenol | 58-90-2 | 0.030 | 7.4 |
| 2,4,6-Trichlorophenol | 88-06-2 | 0.035 | 7.4 |
| Arsenic | 7440-38-2 | 1.4 | 5.0 mg/ℓ TCLP |
| Chromium (Total) | 7440-47-3 | 2.77 | 0.60 mg/ℓ TCLP |

F034

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

|  |  |  |  |
| --- | --- | --- | --- |
| Acenaphthene | 83-32-9 | 0.059 | 3.4 |
| Anthracene | 120-12-7 | 0.059 | 3.4 |
| Benz(a)anthracene | 56-55-3 | 0.059 | 3.4 |
| Benzo(b)fluoranthene (difficult to distinguish from benzo(k)fluoranthene) | 205-99-2 | 0.11 | 6.8 |
| Benzo(k)fluoranthene (difficult to distinguish from benzo(b)fluoranthene) | 207-08-9 | 0.11 | 6.8 |
| Benzo(a)pyrene | 50-32-8 | 0.061 | 3.4 |
| Chrysene | 218-01-9 | 0.059 | 3.4 |
| Dibenz(a,h)anthracene | 53-70-3 | 0.055 | 8.2 |
| Fluorene | 86-73-7 | 0.059 | 3.4 |
| Indeno (1,2,3-c,d) pyrene | 193-39-5 | 0.0055 | 3.4 |
| Naphthalene | 91-20-3 | 0.059 | 5.6 |
| Phenanthrene | 85-01-8 | 0.059 | 5.6 |
| Pyrene | 129-00-0 | 0.067 | 8.2 |
| Arsenic | 7440-38-2 | 1.4 | 5.0 mg/ℓ TCLP |
| Chromium (Total) | 7440-47-3 | 2.77 | 0.60 mg/ℓ TCLP |

F035

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

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

F037

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

|  |  |  |  |
| --- | --- | --- | --- |
| Acenaphthene | 83-32-9 | 0.059 | NA |
| Anthracene | 120-12-7 | 0.059 | 3.4 |
| Benzene | 71-43-2 | 0.14 | 10 |
| Benz(a)anthracene | 56-55-3 | 0.059 | 3.4 |
| Benzo(a)pyrene | 50-32-8 | 0.061 | 3.4 |
| bis(2-Ethylhexyl) phthalate | 117-81-7 | 0.28 | 28 |
| Chrysene | 218-01-9 | 0.059 | 3.4 |
| Di-n-butyl phthalate | 84-74-2 | 0.057 | 28 |
| Ethylbenzene | 100-41-4 | 0.057 | 10 |
| Fluorene | 86-73-7 | 0.059 | NA |
| Naphthalene | 91-20-3 | 0.059 | 5.6 |
| Phenanthrene | 85-01-8 | 0.059 | 5.6 |
| Phenol | 108-95-2 | 0.039 | 6.2 |
| Pyrene | 129-00-0 | 0.067 | 8.2 |
| Toluene | 108-88-3 | 0.080 | 10 |
| Xylenes-mixed isomers  (sum of o-, m-, and p-xylene concentrations) | 1330-20-7 | 0.32 | 30 |
| Chromium (Total) | 7440-47-3 | 2.77 | 0.60 mg/ℓ TCLP |
| Cyanides (Total)7 | 57-12-5 | 1.2 | 590 |
| Lead | 7439-92-1 | 0.69 | NA |
| Nickel | 7440-02-0 | NA | 11 mg/ℓ TCLP |

F038

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

|  |  |  |  |
| --- | --- | --- | --- |
| Benzene | 71-43-2 | 0.14 | 10 |
| Benzo(a)pyrene | 50-32-8 | 0.061 | 3.4 |
| bis(2-Ethylhexyl) phthalate | 117-81-7 | 0.28 | 28 |
| Chrysene | 218-01-9 | 0.059 | 3.4 |
| Di-n-butyl phthalate | 84-74-2 | 0.057 | 28 |
| Ethylbenzene | 100-41-4 | 0.057 | 10 |
| Fluorene | 86-73-7 | 0.059 | NA |
| Naphthalene | 91-20-3 | 0.059 | 5.6 |
| Phenanthrene | 85-01-8 | 0.059 | 5.6 |
| Phenol | 108-95-2 | 0.039 | 6.2 |
| Pyrene | 129-00-0 | 0.067 | 8.2 |
| Toluene | 108-88-3 | 0.080 | 10 |
| Xylenes-mixed isomers  (sum of o-, m-, and p-xylene concentrations) | 1330-20-7 | 0.32 | 30 |
| Chromium (Total) | 7440-47-3 | 2.77 | 0.60 mg/ℓ TCLP |
| Cyanides (Total)7 | 57-12-5 | 1.2 | 590 |
| Lead | 7439-92-1 | 0.69 | NA |
| Nickel | 7440-02-0 | NA | 11 mg/ℓ TCLP |

F039

Leachate (liquids that have percolated through land disposed wastes) resulting from the disposal of more than one restricted waste classified as hazardous under Subpart D. (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 |
| a-BHC | 319-84-6 | 0.00014 | 0.066 |
| b-BHC | 319-85-7 | 0.00014 | 0.066 |
| d-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 (a and c 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 |
| 1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF) | 39001-02-0 | 0.000063 | 0.005 |
| Parathion | 56-38-2 | 0.014 | 4.6 |
| Total PCBs  (sum of all PCB isomers, or all Aroclors) | 1336-36-3 | 0.10 | 10 |
| Pentachlorobenzene | 608-93-5 | 0.055 | 10 |
| PeCDDs (All Pentachlorodibenzo-p-dioxins) | 36088-22-9 | 0.000063 | 0.001 |
| PeCDFs (All Pentachlorodibenzofurans) | 30402-15-4 | 0.000035 | 0.001 |
| Pentachloronitrobenzene | 82-68-8 | 0.055 | 4.8 |
| Pentachlorophenol | 87-86-5 | 0.089 | 7.4 |
| Phenacetin | 62-44-2 | 0.081 | 16 |
| Phenanthrene | 85-01-8 | 0.059 | 5.6 |
| Phenol | 108-95-2 | 0.039 | 6.2 |
| 1,3-Phenylene­diamine | 108-45-2 | 0.010 | 0.66 |
| Phorate | 298-02-2 | 0.021 | 4.6 |
| Phthalic anhydride | 85-44-9 | 0.055 | NA |
| Pronamide | 23950-58-5 | 0.093 | 1.5 |
| Pyrene | 129-00-0 | 0.067 | 8.2 |
| Pyridine | 110-86-1 | 0.014 | 16 |
| Safrole | 94-59-7 | 0.081 | 22 |
| Silvex (2,4,5-TP) | 93-72-1 | 0.72 | 7.9 |
| 2,4,5-T | 93-76-5 | 0.72 | 7.9 |
| 1,2,4,5-Tetrachlorobenzene | 95-94-3 | 0.055 | 14 |
| TCDDs (All Tetrachlorodibenzo-p-dioxins) | 41903-57-5 | 0.000063 | 0.001 |
| TCDFs (All Tetrachlorodibenzofurans) | 55722-27-5 | 0.000063 | 0.001 |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | 0.057 | 6.0 |
| 1,1,2,2-Tetrachloroethane | 79-34-6 | 0.057 | 6.0 |
| Tetrachloroethylene | 127-18-4 | 0.056 | 6.0 |
| 2,3,4,6-Tetrachlorophenol | 58-90-2 | 0.030 | 7.4 |
| Toluene | 108-88-3 | 0.080 | 10 |
| Toxaphene | 8001-35-2 | 0.0095 | 2.6 |
| Bromoform (Tribromomethane) | 75-25-2 | 0.63 | 15 |
| 1,2,4-Trichlorobenzene | 120-82-1 | 0.055 | 19 |
| 1,1,1-Trichloroethane | 71-55-6 | 0.054 | 6.0 |
| 1,1,2-Trichloroethane | 79-00-5 | 0.054 | 6.0 |
| Trichloroethylene | 79-01-6 | 0.054 | 6.0 |
| Trichloromonofluoromethane | 75-69-4 | 0.020 | 30 |
| 2,4,5-Trichlorophenol | 95-95-4 | 0.18 | 7.4 |
| 2,4,6-Trichlorophenol | 88-06-2 | 0.035 | 7.4 |
| 1,2,3-Trichloropropane | 96-18-4 | 0.85 | 30 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 76-13-1 | 0.057 | 30 |
| tris(2,3-Dibromopropyl) phosphate | 126-72-7 | 0.11 | NA |
| Vinyl chloride | 75-01-4 | 0.27 | 6.0 |
| Xylenes-mixed isomers  (sum of o-, m-, and p-xylene concentrations) | 1330-20-7 | 0.32 | 30 |
| Antimony | 7440-36-0 | 1.9 | 1.15 mg/ℓ TCLP |
| Arsenic | 7440-38-2 | 1.4 | 5.0 mg/ℓ TCLP |
| Barium | 7440-39-3 | 1.2 | 21 mg/ℓ TCLP |
| Beryllium | 7440-41-7 | 0.82 | NA |
| Cadmium | 7440-43-9 | 0.69 | 0.11 mg/ℓ TCLP |
| Chromium (Total) | 7440-47-3 | 2.77 | 0.60 mg/ℓ TCLP |
| Cyanides (Total)7 | 57-12-5 | 1.2 | 590 |
| Cyanides (Amenable)7 | 57-12-5 | 0.86 | NA |
| Fluoride | 16964-48-8 | 35 | NA |
| Lead | 7439-92-1 | 0.69 | 0.75 mg/ℓ TCLP |
| Mercury | 7439-97-6 | 0.15 | 0.025 mg/ℓ TCLP |
| Nickel | 7440-02-0 | 3.98 | 11 mg/ℓ TCLP |
| Selenium | 7782-49-2 | 0.82 | 5.7 mg/ℓ TCLP |
| Silver | 7440-22-4 | 0.43 | 0.14 mg/ℓ TCLP |
| Sulfide | 8496-25-8 | 14 | NA |
| Thallium | 7440-28-0 | 1.4 | NA |
| Vanadium | 7440-62-2 | 4.3 | NA |

K001

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

|  |  |  |  |
| --- | --- | --- | --- |
| Naphthalene | 91-20-3 | 0.059 | 5.6 |
| Pentachlorophenol | 87-86-5 | 0.089 | 7.4 |
| Phenanthrene | 85-01-8 | 0.059 | 5.6 |
| Pyrene | 129-00-0 | 0.067 | 8.2 |
| Toluene | 108-88-3 | 0.080 | 10 |
| Xylenes-mixed isomers  (sum of o-, m-, and p-xylene concentrations) | 1330-20-7 | 0.32 | 30 |
| Lead | 7439-92-1 | 0.69 | 0.75 mg/ℓ TCLP |

K002

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

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

K003

Wastewater treatment sludge from the production of molybdate orange pigments.

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

K004

Wastewater treatment sludge from the production of zinc yellow pigments.

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

K005

Wastewater treatment sludge from the production of chrome green pigments.

|  |  |  |  |
| --- | --- | --- | --- |
| Chromium (Total) | 7440-47-3 | 2.77 | 0.60 mg/ℓ TCLP |
| Lead | 7439-92-1 | 0.69 | 0.75 mg/ℓ TCLP |
| Cyanides (Total)7 | 57-12-5 | 1.2 | 590 |

K006

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

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

K006

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

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

K007

Wastewater treatment sludge from the production of iron blue pigments.

|  |  |  |  |
| --- | --- | --- | --- |
| Chromium (Total) | 7440-47-3 | 2.77 | 0.60 mg/ℓ TCLP |
| Lead | 7439-92-1 | 0.69 | 0.75 mg/ℓ TCLP |
| Cyanides (Total)7 | 57-12-5 | 1.2 | 590 |

K008

Oven residue from the production of chrome oxide green pigments.

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

K009

Distillation bottoms from the production of acetaldehyde from ethylene.

|  |  |  |  |
| --- | --- | --- | --- |
| Chloroform | 67-66-3 | 0.046 | 6.0 |

K010

Distillation side cuts from the production of acetaldehyde from ethylene.

|  |  |  |  |
| --- | --- | --- | --- |
| Chloroform | 67-66-3 | 0.046 | 6.0 |

K011

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

|  |  |  |  |
| --- | --- | --- | --- |
| Acetonitrile | 75-05-8 | 5.6 | 38 |
| Acrylonitrile | 107-13-1 | 0.24 | 84 |
| Acrylamide | 79-06-1 | 19 | 23 |
| Benzene | 71-43-2 | 0.14 | 10 |
| Cyanide (Total) | 57-12-5 | 1.2 | 590 |

K013

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

|  |  |  |  |
| --- | --- | --- | --- |
| Acetonitrile | 75-05-8 | 5.6 | 38 |
| Acrylonitrile | 107-13-1 | 0.24 | 84 |
| Acrylamide | 79-06-1 | 19 | 23 |
| Benzene | 71-43-2 | 0.14 | 10 |
| Cyanide (Total) | 57-12-5 | 1.2 | 590 |

K014

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

|  |  |  |  |
| --- | --- | --- | --- |
| Acetonitrile | 75-05-8 | 5.6 | 38 |
| Acrylonitrile | 107-13-1 | 0.24 | 84 |
| Acrylamide | 79-06-1 | 19 | 23 |
| Benzene | 71-43-2 | 0.14 | 10 |
| Cyanide (Total) | 57-12-5 | 1.2 | 590 |

K015

Still bottoms from the distillation of benzyl chloride.

|  |  |  |  |
| --- | --- | --- | --- |
| Anthracene | 120-12-7 | 0.059 | 3.4 |
| Benzal chloride | 98-87-3 | 0.055 | 6.0 |
| Benzo(b)fluoranthene (difficult to distinguish from benzo(k)fluoranthene) | 205-99-2 | 0.11 | 6.8 |
| Benzo(k)fluoranthene (difficult to distinguish from benzo(b)fluoranthene) | 207-08-9 | 0.11 | 6.8 |
| Phenanthrene | 85-01-8 | 0.059 | 5.6 |
| Toluene | 108-88-3 | 0.080 | 10 |
| Chromium (Total) | 7440-47-3 | 2.77 | 0.60 mg/ℓ TCLP |
| Nickel | 7440-02-0 | 3.98 | 11 mg/ℓ TCLP |

K016

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

|  |  |  |  |
| --- | --- | --- | --- |
| Hexachlorobenzene | 118-74-1 | 0.055 | 10 |
| Hexachlorobutadiene | 87-68-3 | 0.055 | 5.6 |
| Hexachlorocyclopentadiene | 77-47-4 | 0.057 | 2.4 |
| Hexachloroethane | 67-72-1 | 0.055 | 30 |
| Tetrachloroethylene | 127-18-4 | 0.056 | 6.0 |

K017

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

|  |  |  |  |
| --- | --- | --- | --- |
| bis(2-Chloroethyl)ether | 111-44-4 | 0.033 | 6.0 |
| 1,2-Dichloropropane | 78-87-5 | 0.85 | 18 |
| 1,2,3-Trichloropropane | 96-18-4 | 0.85 | 30 |

K018

Heavy ends from the fractionation column in ethyl chloride production.

|  |  |  |  |
| --- | --- | --- | --- |
| Chloroethane | 75-00-3 | 0.27 | 6.0 |
| Chloromethane | 74-87-3 | 0.19 | NA |
| 1,1-Dichloroethane | 75-34-3 | 0.059 | 6.0 |
| 1,2-Dichloroethane | 107-06-2 | 0.21 | 6.0 |
| Hexachlorobenzene | 118-74-1 | 0.055 | 10 |
| Hexachlorobutadiene | 87-68-3 | 0.055 | 5.6 |
| Hexachloroethane | 67-72-1 | 0.055 | 30 |
| Pentachloroethane | 76-01-7 | NA | 6.0 |
| 1,1,1-Trichloroethane | 71-55-6 | 0.054 | 6.0 |

K019

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

|  |  |  |  |
| --- | --- | --- | --- |
| bis(2-Chloroethyl)ether | 111-44-4 | 0.033 | 6.0 |
| Chlorobenzene | 108-90-7 | 0.057 | 6.0 |
| Chloroform | 67-66-3 | 0.046 | 6.0 |
| p-Dichlorobenzene | 106-46-7 | 0.090 | NA |
| 1,2-Dichloroethane | 107-06-2 | 0.21 | 6.0 |
| Fluorene | 86-73-7 | 0.059 | NA |
| Hexachloroethane | 67-72-1 | 0.055 | 30 |
| Naphthalene | 91-20-3 | 0.059 | 5.6 |
| Phenanthrene | 85-01-8 | 0.059 | 5.6 |
| 1,2,4,5-Tetrachlorobenzene | 95-94-3 | 0.055 | NA |
| Tetrachloroethylene | 127-18-4 | 0.056 | 6.0 |
| 1,2,4-Trichlorobenzene | 120-82-1 | 0.055 | 19 |
| 1,1,1-Trichloroethane | 71-55-6 | 0.054 | 6.0 |

K020

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

|  |  |  |  |
| --- | --- | --- | --- |
| 1,2-Dichloroethane | 107-06-2 | 0.21 | 6.0 |
| 1,1,2,2-Tetrachloroethane | 79-34-6 | 0.057 | 6.0 |
| Tetrachloroethylene | 127-18-4 | 0.056 | 6.0 |

K021

Aqueous spent antimony catalyst waste from fluoromethanes production.

|  |  |  |  |
| --- | --- | --- | --- |
| Carbon tetrachloride | 56-23-5 | 0.057 | 6.0 |
| Chloroform | 67-66-3 | 0.046 | 6.0 |
| Antimony | 7440-36-0 | 1.9 | 1.15 mg/ℓ TCLP |

K022

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

|  |  |  |  |
| --- | --- | --- | --- |
| Toluene | 108-88-3 | 0.080 | 10 |
| Acetophenone | 96-86-2 | 0.010 | 9.7 |
| Diphenylamine (difficult to distinguish from diphenylnitrosamine) | 122-39-4 | 0.92 | 13 |
| Diphenylnitrosamine (difficult to distinguish from diphenylamine) | 86-30-6 | 0.92 | 13 |
| Phenol | 108-95-2 | 0.039 | 6.2 |
| Chromium (Total) | 7440-47-3 | 2.77 | 0.60 mg/ℓ TCLP |
| Nickel | 7440-02-0 | 3.98 | 11 mg/ℓ TCLP |

K023

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

|  |  |  |  |
| --- | --- | --- | --- |
| Phthalic anhydride (measured as Phthalic acid or Terephthalic acid) | 100-21-0 | 0.055 | 28 |
| Phthalic anhydride (measured as Phthalic acid or Terephthalic acid) | 85-44-9 | 0.055 | 28 |

K024

Distillation bottoms from the production of phthalic anhydride from naphthalene.

|  |  |  |  |
| --- | --- | --- | --- |
| Phthalic anhydride (measured as Phthalic acid or Terephthalic acid) | 100-21-0 | 0.055 | 28 |
| Phthalic anhydride (measured as Phthalic acid or Terephthalic acid) | 85-44-9 | 0.055 | 28 |

K025

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

|  |  |  |  |
| --- | --- | --- | --- |
| NA | NA | LLEXT fb SSTRP fb CARBN; or CMBST | CMBST |

K026

Stripping still tails from the production of methyl ethyl pyridines.

|  |  |  |  |
| --- | --- | --- | --- |
| NA | NA | CMBST | CMBST |

K027

Centrifuge and distillation residues from toluene diisocyanate production.

|  |  |  |  |
| --- | --- | --- | --- |
| NA | NA | CARBN; or CMBST | CMBST |

K028

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

|  |  |  |  |
| --- | --- | --- | --- |
| 1,1-Dichloroethane | 75-34-3 | 0.059 | 6.0 |
| trans-1,2-Dichloroethylene | 156-60-5 | 0.054 | 30 |
| Hexachlorobutadiene | 87-68-3 | 0.055 | 5.6 |
| Hexachloroethane | 67-72-1 | 0.055 | 30 |
| Pentachloroethane | 76-01-7 | NA | 6.0 |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | 0.057 | 6.0 |
| 1,1,2,2-Tetrachloroethane | 79-34-6 | 0.057 | 6.0 |
| Tetrachloroethylene | 127-18-4 | 0.056 | 6.0 |
| 1,1,1-Trichloroethane | 71-55-6 | 0.054 | 6.0 |
| 1,1,2-Trichloroethane | 79-00-5 | 0.054 | 6.0 |
| Cadmium | 7440-43-9 | 0.69 | NA |
| Chromium(Total) | 7440-47-3 | 2.77 | 0.60 mg/ℓ TCLP |
| Lead | 7439-92-1 | 0.69 | 0.75 mg/ℓ TCLP |
| Nickel | 7440-02-0 | 3.98 | 11 mg/ℓ TCLP |

K029

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

|  |  |  |  |
| --- | --- | --- | --- |
| Chloroform | 67-66-3 | 0.046 | 6.0 |
| 1,2-Dichloroethane | 107-06-2 | 0.21 | 6.0 |
| 1,1-Dichloroethylene | 75-35-4 | 0.025 | 6.0 |
| 1,1,1-Trichloroethane | 71-55-6 | 0.054 | 6.0 |
| Vinyl chloride | 75-01-4 | 0.27 | 6.0 |

K030

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

|  |  |  |  |
| --- | --- | --- | --- |
| o-Dichlorobenzene | 95-50-1 | 0.088 | NA |
| p-Dichlorobenzene | 106-46-7 | 0.090 | NA |
| Hexachlorobutadiene | 87-68-3 | 0.055 | 5.6 |
| Hexachloroethane | 67-72-1 | 0.055 | 30 |
| Hexachloropropylene | 1888-71-7 | NA | 30 |
| Pentachlorobenzene | 608-93-5 | NA | 10 |
| Pentachloroethane | 76-01-7 | NA | 6.0 |
| 1,2,4,5-Tetrachlorobenzene | 95-94-3 | 0.055 | 14 |
| Tetrachloroethylene | 127-18-4 | 0.056 | 6.0 |
| 1,2,4-Trichlorobenzene | 120-82-1 | 0.055 | 19 |

K031

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

|  |  |  |  |
| --- | --- | --- | --- |
| Arsenic | 7440-38-2 | 1.4 | 5.0 mg/ℓ TCLP |

K032

Wastewater treatment sludge from the production of chlordane.

|  |  |  |  |
| --- | --- | --- | --- |
| Hexachlorocyclopentadiene | 77-47-4 | 0.057 | 2.4 |
| Chlordane (a and γ isomers) | 57-74-9 | 0.0033 | 0.26 |
| Heptachlor | 76-44-8 | 0.0012 | 0.066 |
| Heptachlor epoxide | 1024-57-3 | 0.016 | 0.066 |

K033

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

|  |  |  |  |
| --- | --- | --- | --- |
| Hexachlorocyclopentadiene | 77-47-4 | 0.057 | 2.4 |

K034

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

|  |  |  |  |
| --- | --- | --- | --- |
| Hexachlorocyclopentadiene | 77-47-4 | 0.057 | 2.4 |

K035

Wastewater treatment sludges generated in the production of creosote.

|  |  |  |  |
| --- | --- | --- | --- |
| Acenaphthene | 83-32-9 | NA | 3.4 |
| Anthracene | 120-12-7 | NA | 3.4 |
| Benz(a)anthracene | 56-55-3 | 0.059 | 3.4 |
| Benzo(a)pyrene | 50-32-8 | 0.061 | 3.4 |
| Chrysene | 218-01-9 | 0.059 | 3.4 |
| o-Cresol | 95-48-7 | 0.11 | 5.6 |
| m-Cresol  (difficult to distinguish from p-cresol) | 108-39-4 | 0.77 | 5.6 |
| p-Cresol  (difficult to distinguish from m-cresol) | 106-44-5 | 0.77 | 5.6 |
| Dibenz(a,h)anthracene | 53-70-3 | NA | 8.2 |
| Fluoranthene | 206-44-0 | 0.068 | 3.4 |
| Fluorene | 86-73-7 | NA | 3.4 |
| Indeno(1,2,3-cd)pyrene | 193-39-5 | NA | 3.4 |
| Naphthalene | 91-20-3 | 0.059 | 5.6 |
| Phenanthrene | 85-01-8 | 0.059 | 5.6 |
| Phenol | 108-95-2 | 0.039 | 6.2 |
| Pyrene | 129-00-0 | 0.067 | 8.2 |

K036

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

|  |  |  |  |
| --- | --- | --- | --- |
| Disulfoton | 298-04-4 | 0.017 | 6.2 |

K037

Wastewater treatment sludges from the production of disulfoton.

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

K038

Wastewater from the washing and stripping of phorate production.

|  |  |  |  |
| --- | --- | --- | --- |
| Phorate | 298-02-2 | 0.021 | 4.6 |

K039

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

|  |  |  |  |
| --- | --- | --- | --- |
| NA | NA | CARBN; or CMBST | CMBST |

K040

Wastewater treatment sludge from the production of phorate.

|  |  |  |  |
| --- | --- | --- | --- |
| Phorate | 298-02-2 | 0.021 | 4.6 |

K041

Wastewater treatment sludge from the production of toxaphene.

|  |  |  |  |
| --- | --- | --- | --- |
| Toxaphene | 8001-35-2 | 0.0095 | 2.6 |

K042

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

|  |  |  |  |
| --- | --- | --- | --- |
| o-Dichlorobenzene | 95-50-1 | 0.088 | 6.0 |
| p-Dichlorobenzene | 106-46-7 | 0.090 | 6.0 |
| Pentachlorobenzene | 608-93-5 | 0.055 | 10 |
| 1,2,4,5-Tetrachlorobenzene | 95-94-3 | 0.055 | 14 |
| 1,2,4-Trichlorobenzene | 120-82-1 | 0.055 | 19 |

K043

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

|  |  |  |  |
| --- | --- | --- | --- |
| 2,4-Dichlorophenol | 120-83-2 | 0.044 | 14 |
| 2,6-Dichlorophenol | 187-65-0 | 0.044 | 14 |
| 2,4,5-Trichlorophenol | 95-95-4 | 0.18 | 7.4 |
| 2,4,6-Trichlorophenol | 88-06-2 | 0.035 | 7.4 |
| 2,3,4,6-Tetrachlorophenol | 58-90-2 | 0.030 | 7.4 |
| Pentachlorophenol | 87-86-5 | 0.089 | 7.4 |
| Tetrachloroethylene | 127-18-4 | 0.056 | 6.0 |
| HxCDDs (All Hexachlorodibenzo-p-dioxins) | NA | 0.000063 | 0.001 |
| HxCDFs (All Hexachlorodibenzofurans) | 55684-94-1 | 0.000063 | 0.001 |
| PeCDDs (All Pentachlorodibenzo-p-dioxins) | 36088-22-9 | 0.000063 | 0.001 |
| PeCDFs (All Pentachlorodibenzofurans) | 30402-15-4 | 0.000035 | 0.001 |
| TCDDs (All Tetrachlorodibenzo-p-dioxins) | 41903-57-5 | 0.000063 | 0.001 |
| TCDFs (All Tetrachlorodibenzofurans) | 55722-27-5 | 0.000063 | 0.001 |

K044

Wastewater treatment sludges from the manufacturing and processing of explosives.

|  |  |  |  |
| --- | --- | --- | --- |
| NA | NA | DEACT | DEACT |

K045

Spent carbon from the treatment of wastewater containing explosives.

|  |  |  |  |
| --- | --- | --- | --- |
| NA | NA | DEACT | DEACT |

K046

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

|  |  |  |  |
| --- | --- | --- | --- |
| Lead | 7439-92-1 | 0.69 | 0.75 mg/ℓ TCLP |

K047

Pink or red water from TNT operations.

|  |  |  |  |
| --- | --- | --- | --- |
| NA | NA | DEACT | DEACT |

K048

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

|  |  |  |  |
| --- | --- | --- | --- |
| Benzene | 71-43-2 | 0.14 | 10 |
| Benzo(a)pyrene | 50-32-8 | 0.061 | 3.4 |
| bis(2-Ethylhexyl) phthalate | 117-81-7 | 0.28 | 28 |
| Chrysene | 218-01-9 | 0.059 | 3.4 |
| Di-n-butyl phthalate | 84-74-2 | 0.057 | 28 |
| Ethylbenzene | 100-41-4 | 0.057 | 10 |
| Fluorene | 86-73-7 | 0.059 | NA |
| Naphthalene | 91-20-3 | 0.059 | 5.6 |
| Phenanthrene | 85-01-8 | 0.059 | 5.6 |
| Phenol | 108-95-2 | 0.039 | 6.2 |
| Pyrene | 129-00-0 | 0.067 | 8.2 |
| Toluene | 108-88-33 | 0.080 | 10 |
| Xylenes-mixed isomers  (sum of o-, m-, and p-xylene concentrations) | 1330-20-7 | 0.32 | 30 |
| Chromium (Total) | 7440-47-3 | 2.77 | 0.60 mg/ℓ TCLP |
| Cyanides (Total)7 | 57-12-5 | 1.2 | 590 |
| Lead | 7439-92-1 | 0.69 | NA |
| Nickel | 7440-02-0 | NA | 11 mg/ℓ TCLP |

K049

Slop oil emulsion solids from the petroleum refining industry.

|  |  |  |  |
| --- | --- | --- | --- |
| Anthracene | 120-12-7 | 0.059 | 3.4 |
| Benzene | 71-43-2 | 0.14 | 10 |
| Benzo(a)pyrene | 50-32-8 | 0.061 | 3.4 |
| bis(2-Ethylhexyl) phthalate | 117-81-7 | 0.28 | 28 |
| Carbon disulfide | 75-15-0 | 3.8 | NA |
| Chrysene | 218-01-9 | 0.059 | 3.4 |
| 2,4-Dimethylphenol | 105-67-9 | 0.036 | NA |
| Ethylbenzene | 100-41-4 | 0.057 | 10 |
| Naphthalene | 91-20-3 | 0.059 | 5.6 |
| Phenanthrene | 85-01-8 | 0.059 | 5.6 |
| Phenol | 108-95-2 | 0.039 | 6.2 |
| Pyrene | 129-00-0 | 0.067 | 8.2 |
| Toluene | 108-88-3 | 0.080 | 10 |
| Xylenes-mixed isomers  (sum of o-, m-, and p-xylene concentrations) | 1330-20-7 | 0.32 | 30 |
| Cyanides (Total)7 | 57-12-5 | 1.2 | 590 |
| Chromium (Total) | 7440-47-3 | 2.77 | 0.60 mg/ℓ TCLP |
| Lead | 7439-92-1 | 0.69 | NA |
| Nickel | 7440-02-0 | NA | 11 mg/ℓ TCLP |

K050

Heat exchanger bundle cleaning sludge from the petroleum refining industry.

|  |  |  |  |
| --- | --- | --- | --- |
| Benzo(a)pyrene | 50-32-8 | 0.061 | 3.4 |
| Phenol | 108-95-2 | 0.039 | 6.2 |
| Cyanides (Total)7 | 57-12-5 | 1.2 | 590 |
| Chromium (Total) | 7440-47-3 | 2.77 | 0.60 mg/ℓ TCLP |
| Lead | 7439-92-1 | 0.69 | NA |
| Nickel | 7440-02-0 | NA | 11 mg/ℓ TCLP |

K051

API separator sludge from the petroleum refining industry.

|  |  |  |  |
| --- | --- | --- | --- |
| Acenaphthene | 83-32-9 | 0.059 | NA |
| Anthracene | 120-12-7 | 0.059 | 3.4 |
| Benz(a)anthracene | 56-55-3 | 0.059 | 3.4 |
| Benzene | 71-43-2 | 0.14 | 10 |
| Benzo(a)pyrene | 50-32-8 | 0.061 | 3.4 |
| bis(2-Ethylhexyl) phthalate | 117-81-7 | 0.28 | 28 |
| Chrysene | 218-01-9 | 0.059 | 3.4 |
| Di-n-butyl phthalate | 105-67-9 | 0.057 | 28 |
| Ethylbenzene | 100-41-4 | 0.057 | 10 |
| Fluorene | 86-73-7 | 0.059 | NA |
| Naphthalene | 91-20-3 | 0.059 | 5.6 |
| Phenanthrene | 85-01-8 | 0.059 | 5.6 |
| Phenol | 108-95-2 | 0.039 | 6.2 |
| Pyrene | 129-00-0 | 0.067 | 8.2 |
| Toluene | 108-88-3 | 0.08 | 10 |
| Xylenes-mixed isomers  (sum of o-, m-, and p-xylene concentrations) | 1330-20-7 | 0.32 | 30 |
| Cyanides (Total)7 | 57-12-5 | 1.2 | 590 |
| Chromium (Total) | 7440-47-3 | 2.77 | 0.60 mg/ℓ TCLP |
| Lead | 7439-92-1 | 0.69 | NA |
| Nickel | 7440-02-0 | NA | 11 mg/ℓ TCLP |

K052

Tank bottoms (leaded) from the petroleum refining industry.

|  |  |  |  |
| --- | --- | --- | --- |
| Benzene | 71-43-2 | 0.14 | 10 |
| Benzo(a)pyrene | 50-32-8 | 0.061 | 3.4 |
| o-Cresol | 95-48-7 | 0.11 | 5.6 |
| m-Cresol  (difficult to distinguish from p-cresol) | 108-39-4 | 0.77 | 5.6 |
| p-Cresol  (difficult to distinguish from m-cresol) | 106-44-5 | 0.77 | 5.6 |
| 2,4-Dimethylphenol | 105-67-9 | 0.036 | NA |
| Ethylbenzene | 100-41-4 | 0.057 | 10 |
| Naphthalene | 91-20-3 | 0.059 | 5.6 |
| Phenanthrene | 85-01-8 | 0.059 | 5.6 |
| Phenol | 108-95-2 | 0.039 | 6.2 |
| Toluene | 108-88-3 | 0.08 | 10 |
| Xylenes-mixed isomers  (sum of o-, m-, and p-xylene concentrations) | 1330-20-7 | 0.32 | 30 |
| Chromium (Total) | 7440-47-3 | 2.77 | 0.60 mg/ℓ TCLP |
| Cyanides (Total)7 | 57-12-5 | 1.2 | 590 |
| Lead | 7439-92-1 | 0.69 | NA |
| Nickel | 7440-02-0 | NA | 11 mg/ℓ TCLP |

K060

Ammonia still lime sludge from coking operations.

|  |  |  |  |
| --- | --- | --- | --- |
| Benzene | 71-43-2 | 0.14 | 10 |
| Benzo(a)pyrene | 50-32-8 | 0.061 | 3.4 |
| Naphthalene | 91-20-3 | 0.059 | 5.6 |
| Phenol | 108-95-2 | 0.039 | 6.2 |
| Cyanides (Total)7 | 57-12-5 | 1.2 | 590 |

K061

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

|  |  |  |  |
| --- | --- | --- | --- |
| Antimony | 7440-36-0 | NA | 1.15 mg/ℓ TCLP |
| Arsenic | 7440-38-2 | NA | 5.0 mg/ℓ TCLP |
| Barium | 7440-39-3 | NA | 21 mg/ℓ TCLP |
| Beryllium | 7440-41-7 | NA | 1.22 mg/ℓ TCLP |
| Cadmium | 7440-43-9 | 0.69 | 0.11 mg/ℓ TCLP |
| Chromium (Total) | 7440-47-3 | 2.77 | 0.60 mg/ℓ TCLP |
| Lead | 7439-92-1 | 0.69 | 0.75 mg/ℓ TCLP |
| Mercury | 7439-97-6 | NA | 0.025 mg/ℓ TCLP |
| Nickel | 7440-02-0 | 3.98 | 11 mg/ℓ TCLP |
| Selenium | 7782-49-2 | NA | 5.7 mg/ℓ TCLP |
| Silver | 7440-22-4 | NA | 0.14 mg/ℓ TCLP |
| Thallium | 7440-28-0 | NA | 0.20 mg/ℓ TCLP |
| Zinc | 7440-66-6 | NA | 4.3 mg/ℓ TCLP |

K062

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

|  |  |  |  |
| --- | --- | --- | --- |
| Chromium (Total) | 7440-47-3 | 2.77 | 0.60 mg/ℓ TCLP |
| Lead | 7439-92-1 | 0.69 | 0.75 mg/ℓ TCLP |
| Nickel | 7440-02-0 | 3.98 | NA |

K069

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

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

K069

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

|  |  |  |  |
| --- | --- | --- | --- |
| NA | NA | NA | RLEAD |

K071

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

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

K071

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

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

K071

All K071 wastewaters.

|  |  |  |  |
| --- | --- | --- | --- |
| Mercury | 7439-97-6 | 0.15 | NA |

K073

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

|  |  |  |  |
| --- | --- | --- | --- |
| Carbon tetrachloride | 56-23-5 | 0.057 | 6.0 |
| Chloro­form | 67-66-3 | 0.046 | 6.0 |
| Hexachloroethane | 67-72-1 | 0.055 | 30 |
| Tetrachloroethylene | 127-18-4 | 0.056 | 6.0 |
| 1,1,1-Trichloroethane | 71-55-6 | 0.054 | 6.0 |

K083

Distillation bottoms from aniline production.

|  |  |  |  |
| --- | --- | --- | --- |
| Aniline | 62-53-3 | 0.81 | 14 |
| Benzene | 71-43-2 | 0.14 | 10 |
| Cyclohexanone | 108-94-1 | 0.36 | NA |
| Diphenylamine  (difficult to distinguish from diphenylnitrosamine) | 122-39-4 | 0.92 | 13 |
| Diphenylnitrosamine (difficult to distinguish from diphenylamine) | 86-30-6 | 0.92 | 13 |
| Nitrobenzene | 98-95-3 | 0.068 | 14 |
| Phenol | 108-95-2 | 0.039 | 6.2 |
| Nickel | 7440-02-0 | 3.98 | 11 mg/ℓ TCLP |

K084

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

|  |  |  |  |
| --- | --- | --- | --- |
| Arsenic | 7440-38-2 | 1.4 | 5.0 mg/ℓ TCLP |

K085

Distillation or fractionation column bottoms from the production of chlorobenzenes.

|  |  |  |  |
| --- | --- | --- | --- |
| Benzene | 71-43-2 | 0.14 | 10 |
| Chlorobenzene | 108-90-7 | 0.057 | 6.0 |
| m-Dichlorobenzene | 541-73-1 | 0.036 | 6.0 |
| o-Dichlorobenzene | 95-50-1 | 0.088 | 6.0 |
| p-Dichlorobenzene | 106-46-7 | 0.090 | 6.0 |
| Hexachlorobenzene | 118-74-1 | 0.055 | 10 |
| Total PCBs  (sum of all PCB isomers, or all Aroclors) | 1336-36-3 | 0.10 | 10 |
| Pentachlorobenzene | 608-93-5 | 0.055 | 10 |
| 1,2,4,5-Tetrachlorobenzene | 95-94-3 | 0.055 | 14 |
| 1,2,4-Trichlorobenzene | 120-82-1 | 0.055 | 19 |

K086

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

|  |  |  |  |
| --- | --- | --- | --- |
| Acetone | 67-64-1 | 0.28 | 160 |
| Acetophenone | 96-86-2 | 0.010 | 9.7 |
| bis(2-Ethylhexyl) phthalate | 117-81-7 | 0.28 | 28 |
| n-Butyl alcohol | 71-36-3 | 5.6 | 2.6 |
| Butylbenzyl phthalate | 85-68-7 | 0.017 | 28 |
| Cyclohexanone | 108-94-1 | 0.36 | NA |
| o-Dichlorobenzene | 95-50-1 | 0.088 | 6.0 |
| Diethyl phthalate | 84-66-2 | 0.20 | 28 |
| Dimethyl phthalate | 131-11-3 | 0.047 | 28 |
| Di-n-butyl phthalate | 84-74-2 | 0.057 | 28 |
| Di-n-octyl phthalate | 117-84-0 | 0.017 | 28 |
| Ethyl acetate | 141-78-6 | 0.34 | 33 |
| Ethylbenzene | 100-41-4 | 0.057 | 10 |
| Methanol | 67-56-1 | 5.6 | NA |
| Methyl ethyl ketone | 78-93-3 | 0.28 | 36 |
| Methyl isobutyl ketone | 108-10-1 | 0.14 | 33 |
| Methylene chloride | 75-09-2 | 0.089 | 30 |
| Naphthalene | 91-20-3 | 0.059 | 5.6 |
| Nitrobenzene | 98-95-3 | 0.068 | 14 |
| Toluene | 108-88-3 | 0.080 | 10 |
| 1,1,1-Trichloroethane | 71-55-6 | 0.054 | 6.0 |
| Trichloroethylene | 79-01-6 | 0.054 | 6.0 |
| Xylenes-mixed isomers  (sum of o-, m-, and p-xylene concentrations) | 1330-20-7 | 0.32 | 30 |
| Chromium (Total) | 7440-47-3 | 2.77 | 0.60 mg/ℓ TCLP |
| Cyanides (Total)7 | 57-12-5 | 1.2 | 590 |
| Lead | 7439-92-1 | 0.69 | 0.75 mg/ℓ TCLP |

K087

Decanter tank tar sludge from coking operations.

|  |  |  |  |
| --- | --- | --- | --- |
| Acenaphthylene | 208-96-8 | 0.059 | 3.4 |
| Benzene | 71-43-2 | 0.14 | 10 |
| Chrysene | 218-01-9 | 0.059 | 3.4 |
| Fluoranthene | 206-44-0 | 0.068 | 3.4 |
| Indeno(1,2,3-cd)pyrene | 193-39-5 | 0.0055 | 3.4 |
| Naphthalene | 91-20-3 | 0.059 | 5.6 |
| Phenanthrene | 85-01-8 | 0.059 | 5.6 |
| Toluene | 108-88-3 | 0.080 | 10 |
| Xylenes-mixed isomers  (sum of o-, m-, and p-xylene concentrations) | 1330-20-7 | 0.32 | 30 |
| Lead | 7439-92-1 | 0.69 | 0.75 mg/ℓ TCLP |

K088

Spent potliners from primary aluminum reduction.

|  |  |  |  |
| --- | --- | --- | --- |
| Acenaphthene | 83-32-9 | 0.059 | 3.4 |
| Anthracene | 120-12-7 | 0.059 | 3.4 |
| Benz(a)anthracene | 56-55-3 | 0.059 | 3.4 |
| Benzo(a)pyrene | 50-32-8 | 0.061 | 3.4 |
| Benzo(b)fluoranthene | 205-99-2 | 0.11 | 6.8 |
| Benzo(k)fluoranthene | 207-08-9 | 0.11 | 6.8 |
| Benzo(g,h,i)perylene | 191-24-2 | 0.0055 | 1.8 |
| Chrysene | 218-01-9 | 0.059 | 3.4 |
| Dibenz(a,h)anthracene | 53-70-3 | 0.055 | 8.2 |
| Fluoranthene | 206-44-0 | 0.068 | 3.4 |
| Indeno(1,2,3-cd)pyrene | 193-39-5 | 0.0055 | 3.4 |
| Phenanthrene | 85-01-8 | 0.059 | 5.6 |
| Pyrene | 129-00-0 | 0.067 | 8.2 |
| Antimony | 7440-36-0 | 1.9 | 1.15 mg/ℓ TCLP |
| Arsenic | 7440-38-2 | 1.4 | 26.1 mg/ℓ |
| Barium | 7440-39-3 | 1.2 | 21 mg/ℓ TCLP |
| Beryllium | 7440-41-7 | 0.82 | 1.22 mg/ℓ TCLP |
| Cadmium | 7440-43-9 | 0.69 | 0.11 mg/ℓ TCLP |
| Chromium (Total) | 7440-47-3 | 2.77 | 0.60 mg/ℓ TCLP |
| Lead | 7439-92-1 | 0.69 | 0.75 mg/ℓ TCLP |
| Mercury | 7439-97-6 | 0.15 | 0.025 mg/ℓ TCLP |
| Nickel | 7440-02-0 | 3.98 | 11 mg/ℓ TCLP |
| Selenium | 7782-49-2 | 0.82 | 5.7 mg/ℓ TCLP |
| Silver | 7440-22-4 | 0.43 | 0.14 mg/ℓ TCLP |
| Cyanide (Total)7 | 57-12-5 | 1.2 | 590 |
| Cyanide (Amenable)7 | 57-12-5 | 0.86 | 30 |
| Fluoride | 16984-48-8 | 35 | NA |

K093

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

|  |  |  |  |
| --- | --- | --- | --- |
| Phthalic anhydride (measured as Phthalic acid or Terephthalic acid) | 100-21-0 | 0.055 | 28 |
| Phthalic anhydride (measured as Phthalic acid or Terephthalic acid) | 85-44-9 | 0.055 | 28 |

K094

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

|  |  |  |  |
| --- | --- | --- | --- |
| Phthalic anhydride (measured as Phthalic acid or Terephthalic acid) | 100-21-0 | 0.055 | 28 |
| Phthalic anhydride (measured as Phthalic acid or Terephthalic acid) | 85-44-9 | 0.055 | 28 |

K095

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

|  |  |  |  |
| --- | --- | --- | --- |
| Hexachloroethane | 67-72-1 | 0.055 | 30 |
| Pentachloroethane | 76-01-7 | 0.055 | 6.0 |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | 0.057 | 6.0 |
| 1,1,2,2-Tetrachloroethane | 79-34-6 | 0.057 | 6.0 |
| Tetrachloroethylene | 127-18-4 | 0.056 | 6.0 |
| 1,1,2-Trichloroethane | 79-00-5 | 0.054 | 6.0 |
| Trichloroethylene | 79-01-6 | 0.054 | 6.0 |

K096

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

|  |  |  |  |
| --- | --- | --- | --- |
| m-Dichlorobenzene | 541-73-1 | 0.036 | 6.0 |
| Penta­chloroethane | 76-01-7 | 0.055 | 6.0 |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | 0.057 | 6.0 |
| 1,1,2,2-Tetrachloroethane | 79-34-6 | 0.057 | 6.0 |
| Tetrachloroethylene | 127-18-4 | 0.056 | 6.0 |
| 1,2,4-Trichlorobenzene | 120-82-1 | 0.055 | 19 |
| 1,1,2-Trichloroethane | 79-00-5 | 0.054 | 6.0 |
| Trichloroethylene | 79-01-6 | 0.054 | 6.0 |

K097

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

|  |  |  |  |
| --- | --- | --- | --- |
| Chlordane (a and c isomers) | 57-74-9 | 0.0033 | 0.26 |
| Heptachlor | 76-44-8 | 0.0012 | 0.066 |
| Heptachlor epoxide | 1024-57-3 | 0.016 | 0.066 |
| Hexachlorocyclopentadiene | 77-47-4 | 0.057 | 2.4 |

K098

Untreated process wastewater from the production of toxaphene.

|  |  |  |  |
| --- | --- | --- | --- |
| Toxaphene | 8001-35-2 | 0.0095 | 2.6 |

K099

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

|  |  |  |  |
| --- | --- | --- | --- |
| 2,4-Dichlorophenoxyacetic acid | 94-75-7 | 0.72 | 10 |
| HxCDDs (All Hexachlorodibenzo-p-dioxins) | NA | 0.000063 | 0.001 |
| HxCDFs (All Hexachlorodibenzofurans) | 55684-94-1 | 0.000063 | 0.001 |
| PeCDDs (All Pentachlorodibenzo-p-dioxins) | 36088-22-9 | 0.000063 | 0.001 |
| PeCDFs (All Pentachlorodibenzofurans) | 30402-15-4 | 0.000035 | 0.001 |
| TCDDs (All Tetrachlorodibenzo-p-dioxins) | 41903-57-5 | 0.000063 | 0.001 |
| TCDFs (All Tetrachlorodibenzofurans) | 55722-27-5 | 0.000063 | 0.001 |

K100

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

|  |  |  |  |
| --- | --- | --- | --- |
| Cadmium | 7440-43-9 | 0.69 | 0.11 mg/ℓ TCLP |
| Chromium (Total) | 7440-47-3 | 2.77 | 0.60 mg/ℓ TCLP |
| Lead | 7439-92-1 | 0.69 | 0.75 mg/ℓ TCLP |

K101

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

|  |  |  |  |
| --- | --- | --- | --- |
| o-Nitroaniline | 88-74-4 | 0.27 | 14 |
| Arsenic | 7440-38-2 | 1.4 | 5.0 mg/ℓ TCLP |
| Cadmium | 7440-43-9 | 0.69 | NA |
| Lead | 7439-92-1 | 0.69 | NA |
| Mercury | 7439-97-6 | 0.15 | NA |

K102

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

|  |  |  |  |
| --- | --- | --- | --- |
| o-Nitrophenol | 88-75-5 | 0.028 | 13 |
| Arsenic | 7440-38-2 | 1.4 | 5.0 mg/ℓ TCLP |
| Cadmium | 7440-43-9 | 0.69 | NA |
| Lead | 7439-92-1 | 0.69 | NA |
| Mercury | 7439-97-6 | 0.15 | NA |

K103

Process residues from aniline extraction from the production of aniline.

|  |  |  |  |
| --- | --- | --- | --- |
| Aniline | 62-53-3 | 0.81 | 14 |
| Benzene | 71-43-2 | 0.14 | 10 |
| 2,4-Dinitrophenol | 51-28-5 | 0.12 | 160 |
| Nitrobenzene | 98-95-3 | 0.068 | 14 |
| Phenol | 108-95-2 | 0.039 | 6.2 |

K104

Combined wastewater streams generated from nitrobenzene or aniline production.

|  |  |  |  |
| --- | --- | --- | --- |
| Aniline | 62-53-3 | 0.81 | 14 |
| Benzene | 71-43-2 | 0.14 | 10 |
| 2,4-Dinitrophenol | 51-28-5 | 0.12 | 160 |
| Nitrobenzene | 98-95-3 | 0.068 | 14 |
| Phenol | 108-95-2 | 0.039 | 6.2 |
| Cyanides (Total)7 | 57-12-5 | 1.2 | 590 |

K105

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

|  |  |  |  |
| --- | --- | --- | --- |
| Benzene | 71-43-2 | 0.14 | 10 |
| Chlorobenzene | 108-90-7 | 0.057 | 6.0 |
| 2-Chlorophenol | 95-57-8 | 0.044 | 5.7 |
| o-Dichlorobenzene | 95-50-1 | 0.088 | 6.0 |
| p-Dichlorobenzene | 106-46-7 | 0.090 | 6.0 |
| Phenol | 108-95-2 | 0.039 | 6.2 |
| 2,4,5-Trichlorophenol | 95-95-4 | 0.18 | 7.4 |
| 2,4,6-Trichlorophenol | 88-06-2 | 0.035 | 7.4 |

K106

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

|  |  |  |  |
| --- | --- | --- | --- |
| Mercury | 7439-97-6 | NA | RMERC |

K106

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

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

K106

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

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

K106

All K106 wastewaters.

|  |  |  |  |
| --- | --- | --- | --- |
| Mercury | 7439-97-6 | 0.15 | NA |

K107

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

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

K108

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

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

K109

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

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

K110

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

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

K111

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

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

K112

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

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

K113

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

|  |  |  |  |
| --- | --- | --- | --- |
| NA | NA | CARBN; or CMBST | CMBST |

K114

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

|  |  |  |  |
| --- | --- | --- | --- |
| NA | NA | CARBN; or CMBST | CMBST |

K115

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

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

K116

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

|  |  |  |  |
| --- | --- | --- | --- |
| NA | NA | CARBN; or CMBST | CMBST |

K117

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

|  |  |  |  |
| --- | --- | --- | --- |
| Methyl bromide (Bromomethane) | 74-83-9 | 0.11 | 15 |
| Chloroform | 67-66-3 | 0.046 | 6.0 |
| Ethylene dibromide (1,2-Dibromoethane) | 106-93-4 | 0.028 | 15 |

K118

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

|  |  |  |  |
| --- | --- | --- | --- |
| Methyl bromide (Bromomethane) | 74-83-9 | 0.11 | 15 |
| Chloroform | 67-66-3 | 0.046 | 6.0 |
| Ethylene dibromide (1,2-Dibromoethane) | 106-93-4 | 0.028 | 15 |

K123

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

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

K124

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

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

K125

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

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

K126

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

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

K131

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

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

K132

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

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

K136

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

|  |  |  |  |
| --- | --- | --- | --- |
| Methyl bromide (Bromomethane) | 74-83-9 | 0.11 | 15 |
| Chloroform | 67-66-3 | 0.046 | 6.0 |
| Ethylene dibromide (1,2-Dibromoethane) | 106-93-4 | 0.028 | 15 |

K141

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

|  |  |  |  |
| --- | --- | --- | --- |
| Benzene | 71-43-2 | 0.14 | 10 |
| Benz(a)anthracene | 56-55-3 | 0.059 | 3.4 |
| Benzo(a)pyrene | 50-2-8 | 0.061 | 3.4 |
| Benzo(b)fluoranthene (difficult to distinguish from benzo(k)fluoranthene) | 205-99-2 | 0.11 | 6.8 |
| Benzo(k)fluoranthene (difficult to distinguish from benzo(b)fluoranthene) | 207-08-9 | 0.11 | 6.8 |
| Chrysene | 218-01-9 | 0.059 | 3.4 |
| Dibenz(a,h)anthracene | 53-70-3 | 0.055 | 8.2 |
| Indeno(1,2,3-cd)pyrene | 193-39-5 | 0.0055 | 3.4 |

K142

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

|  |  |  |  |
| --- | --- | --- | --- |
| Benzene | 71-43-2 | 0.14 | 10 |
| Benz(a)anthracene | 56-55-3 | 0.059 | 3.4 |
| Benzo­(a)pyrene | 50-32-8 | 0.061 | 3.4 |
| Benzo(b)fluoranthene (difficult to distinguish from benzo(k)fluoranthene) | 205-99-2 | 0.11 | 6.8 |
| Benzo(k)fluoranthene (difficult to distinguish from benzo(b)fluoranthene) | 207-08-9 | 0.11 | 6.8 |
| Chrysene | 218-01-9 | 0.059 | 3.4 |
| Dibenz(a,h)anthracene | 53-70-3 | 0.055 | 8.2 |
| Indeno(1,2,3-cd)pyrene | 193-39-5 | 0.0055 | 3.4 |

K143

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

|  |  |  |  |
| --- | --- | --- | --- |
| Benzene | 71-43-2 | 0.14 | 10 |
| Benz(a)anthracene | 56-55-3 | 0.059 | 3.4 |
| Benzo(a)pyrene | 50-32-8 | 0.061 | 3.4 |
| Benzo(b)fluoranthene (difficult to distinguish from benzo(k)fluoranthene) | 205-99-2 | 0.11 | 6.8 |
| Benzo(k)fluoranthene (difficult to distinguish from benzo(b)fluoranthene) | 207-08-9 | 0.11 | 6.8 |
| Chrysene | 218-01-9 | 0.059 | 3.4 |

K144

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

|  |  |  |  |
| --- | --- | --- | --- |
| Benzene | 71-43-2 | 0.14 | 10 |
| Benz(a)anthracene | 56-55-3 | 0.059 | 3.4 |
| Benzo(a)pyrene | 50-32-8 | 0.061 | 3.4 |
| Benzo(b)fluoranthene (difficult to distinguish from benzo(k)fluoranthene) | 205-99-2 | 0.11 | 6.8 |
| Benzo(k)fluoranthene (difficult to distinguish from benzo(b)fluoranthene) | 207-08-9 | 0.11 | 6.8 |
| Chrysene | 218-01-9 | 0.059 | 3.4 |
| Dibenz(a,h)anthracene | 53-70-3 | 0.055 | 8.2 |

K145

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

|  |  |  |  |
| --- | --- | --- | --- |
| Benzene | 71-43-2 | 0.14 | 10 |
| Benz(a)anthracene | 56-55-3 | 0.059 | 3.4 |
| Benzo(a)pyrene | 50-32-8 | 0.061 | 3.4 |
| Chrysene | 218-01-9 | 0.059 | 3.4 |
| Dibenz(a,h)anthracene | 53-70-3 | 0.055 | 8.2 |
| Naphthalene | 91-20-3 | 0.059 | 5.6 |

K147

Tar storage tank residues from coal tar refining.

|  |  |  |  |
| --- | --- | --- | --- |
| Benzene | 71-43-2 | 0.14 | 10 |
| Benz(a)anthracene | 56-55-3 | 0.059 | 3.4 |
| Benzo(a)pyrene | 50-32-8 | 0.061 | 3.4 |
| Benzo(b)fluoranthene (difficult to distinguish from benzo(k)fluoranthene) | 205-99-2 | 0.11 | 6.8 |
| Benzo(k)fluoranthene (difficult to distinguish from benzo(b)fluoranthene) | 207-08-9 | 0.11 | 6.8 |
| Chrysene | 218-01-9 | 0.059 | 3.4 |
| Dibenz(a,h)anthracene | 53-70-3 | 0.055 | 8.2 |
| Indeno(1,2,3-cd)pyrene | 193-39-5 | 0.0055 | 3.4 |

K148

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

|  |  |  |  |
| --- | --- | --- | --- |
| Benz(a)anthracene | 56-55-3 | 0.059 | 3.4 |
| Benzo(a)pyrene | 50-32-8 | 0.061 | 3.4 |
| Benzo(b)fluoranthene (difficult to distinguish from benzo(k)fluoranthene) | 205-99-2 | 0.11 | 6.8 |
| Benzo(k)fluoranthene (difficult to distinguish from benzo(b)fluoranthene) | 207-08-9 | 0.11 | 6.8 |
| Chrysene | 218-01-9 | 0.059 | 3.4 |
| Dibenz(a,h)anthracene | 53-70-3 | 0.055 | 8.2 |
| Indeno(1,2,3-cd)pyrene | 193-39-5 | 0.0055 | 3.4 |

K149

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

|  |  |  |  |
| --- | --- | --- | --- |
| Chlorobenzene | 108-90-7 | 0.057 | 6.0 |
| Chloroform | 67-66-3 | 0.046 | 6.0 |
| Chloromethane | 74-87-3 | 0.19 | 30 |
| p-Dichlorobenzene | 106-46-7 | 0.090 | 6.0 |
| Hexachlorobenzene | 118-74-1 | 0.055 | 10 |
| Pentachlorobenzene | 608-93-5 | 0.055 | 10 |
| 1,2,4,5-Tetrachlorobenzene | 95-94-3 | 0.055 | 14 |
| Toluene | 108-88-3 | 0.080 | 10 |

K150

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

|  |  |  |  |
| --- | --- | --- | --- |
| Carbon tetrachloride | 56-23-5 | 0.057 | 6.0 |
| Chloroform | 67-66-3 | 0.046 | 6.0 |
| Chloromethane | 74-87-3 | 0.19 | 30 |
| p-Dichlorobenzene | 106-46-7 | 0.090 | 6.0 |
| Hexachlorobenzene | 118-74-1 | 0.055 | 10 |
| Pentachlorobenzene | 608-93-5 | 0.055 | 10 |
| 1,2,4,5-Tetrachlorobenzene | 95-94-3 | 0.055 | 14 |
| 1,1,2,2- Tetrachloroethane | 79-34-5 | 0.057 | 6.0 |
| Tetrachloroethylene | 127-18-4 | 0.056 | 6.0 |
| 1,2,4-Trichlorobenzene | 120-82-1 | 0.055 | 19 |

K151

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

|  |  |  |  |
| --- | --- | --- | --- |
| Benzene | 71-43-2 | 0.14 | 10 |
| Carbon tetrachloride | 56-23-5 | 0.057 | 6.0 |
| Chloroform | 67-66-3 | 0.046 | 6.0 |
| Hexachlorobenzene | 118-74-1 | 0.055 | 10 |
| Pentachlorobenzene | 608-93-5 | 0.055 | 10 |
| 1,2,4,5-Tetrachlorobenzene | 95-94-3 | 0.055 | 14 |
| Tetrachloroethylene | 127-18-4 | 0.056 | 6.0 |
| Toluene | 108-88-3 | 0.080 | 10 |

K156

Organic waste (including heavy ends, still bottoms, light ends, spent solvents, filtrates, and decantates) from the production of carbamates and carbamoyl oximes.

|  |  |  |  |
| --- | --- | --- | --- |
| Acetonitrile | 75-05-8 | 5.6 | 1.8 |
| Acetophenone | 98-86-2 | 0.010 | 9.7 |
| Aniline | 62-53-3 | 0.81 | 14 |
| Benomyl10 | 17804-35-2 | 0.056; or CMBST, CHOXD, BIODG or CARBN | 1.4; or CMBST |
| Benzene | 71-43-2 | 0.14 | 10 |
| Carbaryl10 | 63-25-2 | 0.006; or CMBST, CHOXD, BIODG or CARBN | 0.14; or CMBST |
| Carbenzadim10 | 10605-21-7 | 0.056; or CMBST, CHOXD, BIODG or CARBN | 1.4; or CMBST |
| Carbofuran10 | 1563-66-2 | 0.006; or CMBST, CHOXD, BIODG or CARBN | 0.14; or CMBST |
| Carbosulfan10 | 55285-14-8 | 0.028; or CMBST, CHOXD, BIODG or CARBN | 1.4; or CMBST |
| 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 |
| Methomyl10 | 16752-77-5 | 0.028; or CMBST, CHOXD, BIODG or CARBN | 0.14; or CMBST |
| 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 CMBST, CHOXD, BIODG or CARBN | 1.5; or CMBST |

K157

Wastewaters (including scrubber waters, condenser waters, washwaters, and separation waters) from the production of carbamates and carbamoyl oximes.

|  |  |  |  |
| --- | --- | --- | --- |
| Carbon tetrachloride | 56-23-5 | 0.057 | 6.0 |
| Chloroform | 67-66-3 | 0.046 | 6.0 |
| Chloromethane | 74-87-3 | 0.19 | 30 |
| Methomyl10 | 16752-77-5 | 0.028; or CMBST, CHOXD, BIODG or CARBN | 0.14; or CMBST |
| 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 CMBST, CHOXD, BIODG or CARBN | 1.5; or CMBST |

K158

Baghouse dusts and filter/separation solids from the production of carbamates and carbamoyl oximes.

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
| Benomyl10 | 17804-35-2 | 0.056; or CMBST, CHOXD, BIODG or CARBN | 1.4; or CMBSTP |
| Benzene | 71-43-2 | 0.14 | 10 |
| Carbenzadim10 | 10605-21-7 | 0.056; or CMBST, CHOXD, BIODG or CARBN | 1.4; or CMBST |
| Carbofuran10 | 1563-66-2 | 0.006; or CMBST, CHOXD, BIODG or CARBN | 0.14; or CMBST |
| Carbosulfan10 | 55285-14-8 | 0.028; or CMBST, CHOXD, BIODG 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 |

K159

Organics from the treatment of thiocarbamate wastes.10

|  |  |  |  |
| --- | --- | --- | --- |
| Benzene | 71-43-2 | 0.14 | 10 |
| Butylate10 | 2008-41-5 | 0.042; or CMBST, CHOXD, BIODG or CARBN | 1.4; or CMBST |
| EPTC (Eptam)10 | 759-94-4 | 0.042; or CMBST, CHOXD, BIODG or CARBN | 1.4; or CMBST |
| Molinate10 | 2212-67-1 | 0.042; or CMBST, CHOXD, BIODG or CARBN | 1.4; or CMBST |
| Pebulate10 | 1114-71-2 | 0.042; or CMBST, CHOXD, BIODG or CARBN | 1.4; or CMBST |
| Vernolate10 | 1929-77-7 | 0.042; or CMBST, CHOXD, BIODG or CARBN | 1.4; 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.

|  |  |  |  |
| --- | --- | --- | --- |
| Antimony | 7440-36-0 | 1.9 | 1.1511 |
| Arsenic | 7440-38-2 | 1.4 | 5.011 |
| Carbon disulfide | 75-15-0 | 3.8 | 4.811 |
| Dithiocarbamates (total)10 | 137-30-4 | 0.028; or CMBST, CHOXD, BIODG or CARBN | 28; or CMBST |
| Lead | 7439-92-1 | 0.69 | 0.7511 |
| Nickel | 7440-02-0 | 3.98 | 1111 |
| Selenium | 7782-49-2 | 0.82 | 5.711 |

K169

Crude oil tank sediment from petroleum refining operations.

|  |  |  |  |
| --- | --- | --- | --- |
| Benz(a)anthracene | 56-55-3 | 0.059 | 3.4 |
| Benzene | 71-43-2 | 0.14 | 10 |
| Benzo(g,h,i)perylene | 191-24-2 | 0.0055 | 1.8 |
| Chrysene | 218-01-9 | 0.059 | 3.4 |
| Ethyl benzene | 100-41-4 | 0.057 | 10 |
| Fluorene | 86-73-7 | 0.059 | 3.4 |
| Naphthalene | 91-20-3 | 0.059 | 5.6 |
| Phenanthrene | 81-05-8 | 0.059 | 5.6 |
| Pyrene | 129-00-0 | 0.067 | 8.2 |
| Toluene (Methyl Benzene) | 108-88-3 | 0.080 | 10 |
| Xylenes (Total) | 1330-20-7 | 0.32 | 30 |

K170

Clarified slurry oil sediment from petroleum refining operations.

|  |  |  |  |
| --- | --- | --- | --- |
| Benz(a)anthracene | 56-55-3 | 0.059 | 3.4 |
| Benzene | 71-43-2 | 0.14 | 10 |
| Benzo(g,h,i)perylene | 191-24-2 | 0.0055 | 1.8 |
| Chrysene | 218-01-9 | 0.059 | 3.4 |
| Dibenz(a,h)anthracene | 53-70-3 | 0.055 | 8.2 |
| Ethyl benzene | 100-41-4 | 0.057 | 10 |
| Fluorene | 86-73-7 | 0.059 | 3.4 |
| Indeno(1,2,3,-cd)pyrene | 193-39-5 | 0.0055 | 3.4 |
| Naphthalene | 91-20-3 | 0.059 | 5.6 |
| Phenanthrene | 81-05-8 | 0.059 | 5.6 |
| Pyrene | 129-00-0 | 0.067 | 8.2 |
| Toluene (Methyl Benzene) | 108-88-3 | 0.080 | 10 |
| Xylenes (Total | 1330-20-7 | 0.32 | 30 |

K171

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

|  |  |  |  |
| --- | --- | --- | --- |
| Benz(a)anthracene | 56-55-3 | 0.059 | 3.4 |
| Benzene | 71-43-2 | 0.14 | 10 |
| Chrysene | 218-01-9 | 0.059 | 3.4 |
| Ethyl benzene | 100-41-4 | 0.057 | 10 |
| Naphthalene | 91-20-3 | 0.059 | 5.6 |
| Phenanthrene | 81-05-8 | 0.059 | 5.6 |
| Pyrene | 129-00-0 | 0.067 | 8.2 |
| Toluene (Methyl Benzene) | 108-88-3 | 0.080 | 10 |
| Xylenes (Total) | 1330-20-7 | 0.32 | 30 |
| Arsenic | 7740-38-2 | 1.4 | 5 mg/ℓ TCLP |
| Nickel | 7440-02-0 | 3.98 | 11.0 mg/ℓ TCLP |
| Vanadium | 7440-62-2 | 4.3 | 1.6 mg/ℓ TCLP |
| Reactive sulfides | NA | DEACT | DEACT |

K172

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

|  |  |  |  |
| --- | --- | --- | --- |
| Benzene | 71-43-2 | 0.14 | 10 |
| Ethyl benzene | 100-41-4 | 0.057 | 10 |
| Toluene (Methyl Benzene) | 108-88-3 | 0.080 | 10 |
| Xylenes (Total) | 1330-20-7 | 0.32 | 30 |
| Antimony | 7740-36-0 | 1.9 | 1.15 mg/ℓ TCLP |
| Arsenic | 7740-38-2 | 1.4 | 5 mg/ℓ TCLP |
| Nickel | 7440-02-0 | 3.98 | 11.0 mg/ℓ TCLP |
| Vanadium | 7440-62-2 | 4.3 | 1.6 mg/ℓ TCLP |
| Reactive Sulfides | NA | DEACT | DEACT |

K174

Wastewater treatment sludge from the production of ethylene dicholoride or vinyl choloride monomer.

|  |  |  |  |
| --- | --- | --- | --- |
| 1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-HpCDD) | 35822-46-9 | 0.000035 or CMBST11 | 0.0025 or CMBST11 |
| 1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-HpCDF) | 67562-39-4 | 0.000035 or CMBST11 | 0.0025 or CMBST11 |
| 1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-HpCDF) | 55673-89-7 | 0.000035 or CMBST11 | 0.0025 or CMBST11 |
| All hexachlorodibenzo-p-dioxins (HxCDDs) | 34465-46-8 | 0.000063 or CMBST11 | 0.001 or CMBST11 |
| All hexachlorodibenzofurans (HxCDFs) | 55684-94-1 | 0.000063 or CMBST11 | 0.001 or CMBST11 |
| 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 CMBST11 | 0.005 or CMBST11 |
| 1,2,3,4,6,7,8,9-Octachlorodibenzofuran (1,2,3,4,6,7,8,9-OCDF) | 39001-02-0 | 0.000063 or CMBST11 | 0.005 or CMBST11 |
| All pentachlorodibenzo-p-dioxins (PeCDDs) | 36088-22-9 | 0.000063 or CMBST11 | 0.001 or CMBST11 |
| All pentachlorodibenzofurans (PeCDFs) | 30402-15-4 | 0.000035 or CMBST11 | 0.001 or CMBST11 |
| All tetrachlorodibenzo-p-dioxins (TCDDs) | 41903-57-5 | 0.000063 or CMBST11 | 0.001 or CMBST11 |
| All tetrachlorodibenzofurans (TCDFs) | 55722-27-5 | 0.000063 or CMBST11 | 0.001 or CMBST11 |
| Arsenic | 7440-36-0 | 1.4 | 5.0 mg/ℓ TCLP |

K175

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

|  |  |  |  |
| --- | --- | --- | --- |
| Mercury12 | 7439-97-6 | NA | 0.025 mg/ℓ TCLP |
| PH12 |  | NA | pH ≤ 6.0 |

K175

All K175 wastewaters.

|  |  |  |  |
| --- | --- | --- | --- |
| Mercury | 7439-97-6 | 0.15 | NA |

K176

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

|  |  |  |  |
| --- | --- | --- | --- |
| Antimony | 7440-36-0 | 1.9 | 1.15 mg/ℓ TCLP |
| Arsenic | 7440-38-2 | 1.4 | 5.0 mg/ℓ TCLP |
| Cadmium | 7440-43-9 | 0.69 | 0.11 mg/ℓ TCLP |
| Lead | 7439-92-1 | 0.69 | 0.75 mg/ℓ TCLP |
| Mercury | 7439-97-6 | 0.15 | 0.025 mg/ℓ TCLP |

K177

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

|  |  |  |  |
| --- | --- | --- | --- |
| Antimony | 7440-36-0 | 1.9 | 1.15 mg/ℓ TCLP |
| Arsenic | 7440-38-2 | 1.4 | 5.0 mg/ℓ TCLP |
| Lead | 7439-92-1 | 0.69 | 0.75 mg/ℓ TCLP |

K178

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

|  |  |  |  |
| --- | --- | --- | --- |
| 1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-HpCDD) | 35822-46-9 | 0.000035 or CMBST11 | 0.0025 or CMBST11 |
| 1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-HpCDF) | 67562-39-4 | 0.000035 or CMBST11 | 0.0025 or CMBST11 |
| 1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-HpCDF) | 55673-89-7 | 0.000035 or CMBST11 | 0.0025 or CMBST11 |
| HxCDDs (All Hexachlorodibenzo-p-dioxins) | 34465-46-8 | 0.000063 or CMBST11 | 0.001 or CMBST11 |
| HxCDFs (All Hexachlorodibenzofurans) | 55684-94-1 | 0.000063 or CMBST11 | 0.001 or CMBST11 |
| 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 CMBST11 | 0.005 or CMBST11 |
| 1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF) | 39001-02-0 | 0.000063 or CMBST11 | 0.005 or CMBST11 |
| PeCDDs (All Pentachlorodibenzo-p-dioxins) | 36088-22-9 | 0.000063 or CMBST11 | 0.001 or CMBST11 |
| PeCDFs (All Pentachlorodibenzofurans) | 30402-15-4 | 0.000035 or CMBST11 | 0.001 or CMBST11 |
| TCDDs (All Tetrachlorodibenzo-p-dioxins) | 41903-57-5 | 0.000063 or CMBST11 | 0.001 or CMBST11 |
| TCDFs (All Tetrachlorodibenzofurans) | 55722-27-5 | 0.000063 or CMBST11 | 0.001 or CMBST11 |
| Thallium | 7440-28-0 | 1.4 | 0.20 mg/ℓ TCLP |

K181

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

|  |  |  |  |
| --- | --- | --- | --- |
| Aniline | 62-53-3 | 0.81 | 14 |
| o-Anisidine (2-methoxyaniline) | 90-04-0 | 0.010 | 0.66 |
| 4-Chloroaniline | 106-47-8 | 0.46 | 16 |
| p-Cresidine | 120-71-8 | 0.010 | 0.66 |
| 2,4-Dimethylaniline (2,4-xylidine) | 95-68-1 | 0.010 | 0.66 |
| 1,2-Phenylenediamine | 95-54-5 | CMBST; or CHOXD fb (BIODG or CARBN); or BIODG fb CARBN | CMBST; or CHOXD fb (BIODG or CARBN); or BIODG fb CARBN |
| 1,3-Phenylenediamine | 108-45-2 | 0.010 | 0.66 |

P001

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

|  |  |  |  |
| --- | --- | --- | --- |
| Warfarin | 81-81-2 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

P002

1-Acetyl-2-thiourea.

|  |  |  |  |
| --- | --- | --- | --- |
| 1-Acetyl-2-thiourea | 591-08-2 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

P003

Acrolein.

|  |  |  |  |
| --- | --- | --- | --- |
| Acrolein | 107-02-8 | 0.29 | CMBST |

P004

Aldrin.

|  |  |  |  |
| --- | --- | --- | --- |
| Aldrin | 309-00-2 | 0.021 | 0.066 |

P005

Allyl alcohol.

|  |  |  |  |
| --- | --- | --- | --- |
| Allyl alcohol | 107-18-6 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

P006

Aluminum phosphide.

|  |  |  |  |
| --- | --- | --- | --- |
| Aluminum phosphide | 20859-73-8 | CHOXD; CHRED; or CMBST | CHOXD; CHRED; or CMBST |

P007

5-Aminomethyl-3-isoxazolol.

|  |  |  |  |
| --- | --- | --- | --- |
| 5-Aminomethyl-3-isoxazolol | 2763-96-4 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

P008

4-Aminopyridine.

|  |  |  |  |
| --- | --- | --- | --- |
| 4-Aminopyridine | 504-24-5 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

P009

Ammonium picrate.

|  |  |  |  |
| --- | --- | --- | --- |
| Ammonium picrate | 131-74-8 | CHOXD; CHRED; CARBN; BIODG; or CMBST | CHOXD; CHRED; or CMBST |

P010

Arsenic acid.

|  |  |  |  |
| --- | --- | --- | --- |
| Arsenic | 7440-38-2 | 1.4 | 5.0 mg/ℓ TCLP |

P011

Arsenic pentoxide.

|  |  |  |  |
| --- | --- | --- | --- |
| Arsenic | 7440-38-2 | 1.4 | 5.0 mg/ℓ TCLP |

P012

Arsenic trioxide.

|  |  |  |  |
| --- | --- | --- | --- |
| Arsenic | 7440-38-2 | 1.4 | 5.0 mg/ℓ TCLP |

P013

Barium cyanide.

|  |  |  |  |
| --- | --- | --- | --- |
| Barium | 7440-39-3 | NA | 21 mg/ℓ TCLP |
| Cyanides (Total)7 | 57-12-5 | 1.2 | 590 |
| Cyanides (Amenable)7 | 57-12-5 | 0.86 | 30 |

P014

Thiophenol (Benzene thiol).

|  |  |  |  |
| --- | --- | --- | --- |
| Thiophenol (Benzene thiol) | 108-98-5 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

P015

Beryllium dust.

|  |  |  |  |
| --- | --- | --- | --- |
| Beryllium | 7440-41-7 | RMETL;or RTHRM | RMETL; or RTHRM |

P016

Dichloromethyl ether (Bis(chloromethyl)ether).

|  |  |  |  |
| --- | --- | --- | --- |
| Dichloromethyl ether | 542-88-1 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

P017

Bromoacetone.

|  |  |  |  |
| --- | --- | --- | --- |
| Bromoacetone | 598-31-2 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

P018

Brucine.

|  |  |  |  |
| --- | --- | --- | --- |
| Brucine | 357-57-3 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

P020

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

|  |  |  |  |
| --- | --- | --- | --- |
| 2-sec-Butyl-4,6-dinitrophenol (Dinoseb) | 88-85-7 | 0.066 | 2.5 |

P021

Calcium cyanide.

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

P022

Carbon disulfide.

|  |  |  |  |
| --- | --- | --- | --- |
| Carbon disulfide | 75-15-0 | 3.8 | CMBST |
| Carbon disulfide; alternate6 standard for nonwastewaters only | 75-15-0 | NA | 4.8 mg/ℓ TCLP |

P023

Chloroacetaldehyde.

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

P024

p-Chloroaniline.

|  |  |  |  |
| --- | --- | --- | --- |
| p-Chloroaniline | 106-47-8 | 0.46 | 16 |

P026

1-(o-Chlorophenyl)thiourea.

|  |  |  |  |
| --- | --- | --- | --- |
| 1-(o-Chlorophenyl)thiourea | 5344-82-1 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

P027

3-Chloropropionitrile.

|  |  |  |  |
| --- | --- | --- | --- |
| 3-Chloropropionitrile | 542-76-7 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

P028

Benzyl chloride.

|  |  |  |  |
| --- | --- | --- | --- |
| Benzyl chloride | 100-44-7 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

P029

Copper cyanide.

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

P030

Cyanides (soluble salts and complexes).

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

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 | 7440-38-2 | 1.4 | 5.0 mg/ℓ TCLP |

P037

Dieldrin.

|  |  |  |  |
| --- | --- | --- | --- |
| Dieldrin | 60-57-1 | 0.017 | 0.13 |

P038

Diethylarsine.

|  |  |  |  |
| --- | --- | --- | --- |
| Arsenic | 7440-38-2 | 1.4 | 5.0 mg/ℓ TCLP |

P039

Disulfoton.

|  |  |  |  |
| --- | --- | --- | --- |
| Disulfoton | 298-04-4 | 0.017 | 6.2 |

P040

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

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

P041

Diethyl-p-nitrophenyl phosphate.

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

P042

Epinephrine.

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

P043

Diisopropylfluorophosphate (DFP).

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

P044

Dimethoate.

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

P045

Thiofanox.

|  |  |  |  |
| --- | --- | --- | --- |
| Thiofanox | 39196-18-4 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

P046

a,a-Dimethylphenethylamine.

|  |  |  |  |
| --- | --- | --- | --- |
| a,a-Dimethylphenethylamine | 122-09-8 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

P047

4,6-Dinitro-o-cresol.

|  |  |  |  |
| --- | --- | --- | --- |
| 4,6-Dinitro-o-cresol | 543-52-1 | 0.28 | 160 |

P047

4,6-Dinitro-o-cresol salts.

|  |  |  |  |
| --- | --- | --- | --- |
| NA | NA | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

P048

2,4-Dinitrophenol.

|  |  |  |  |
| --- | --- | --- | --- |
| 2,4-Dinitrophenol | 51-28-5 | 0.12 | 160 |

P049

Dithiobiuret.

|  |  |  |  |
| --- | --- | --- | --- |
| Dithiobiuret | 541-53-7 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

P050

Endosulfan.

|  |  |  |  |
| --- | --- | --- | --- |
| Endosulfan I | 939-98-8 | 0.023 | 0.066 |
| Endosulfan II | 33213-6-5 | 0.029 | 0.13 |
| Endosulfan sulfate | 1031-07-8 | 0.029 | 0.13 |

P051

Endrin.

|  |  |  |  |
| --- | --- | --- | --- |
| Endrin | 72-20-8 | 0.0028 | 0.13 |
| Endrin aldehyde | 7421-93-4 | 0.025 | 0.13 |

P054

Aziridine.

|  |  |  |  |
| --- | --- | --- | --- |
| Aziridine | 151-56-4 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

P056

Fluorine.

|  |  |  |  |
| --- | --- | --- | --- |
| Fluoride (measured in wastewaters only) | 16984-48-8 | 35 | ADGAS fb NEUTR |

P057

Fluoroacetamide.

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

P058

Fluoroacetic acid, sodium salt.

|  |  |  |  |
| --- | --- | --- | --- |
| Fluoroacetic acid, sodium salt | 62-74-8 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

P059

Heptachlor.

|  |  |  |  |
| --- | --- | --- | --- |
| Heptachlor | 76-44-8 | 0.0012 | 0.066 |
| Heptachlor epoxide | 1024-57-3 | 0.016 | 0.066 |

P060

Isodrin.

|  |  |  |  |
| --- | --- | --- | --- |
| Isodrin | 465-73-6 | 0.021 | 0.066 |

P062

Hexaethyl tetraphosphate.

|  |  |  |  |
| --- | --- | --- | --- |
| Hexaethyl tetraphosphate | 757-58-4 | CARBN; or CMBST | CMBST |

P063

Hydrogen cyanide.

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

P064

Isocyanic acid, ethyl ester.

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

P065

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

|  |  |  |  |
| --- | --- | --- | --- |
| Mercury | 7439-97-6 | NA | IMERC |

P065

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

|  |  |  |  |
| --- | --- | --- | --- |
| Mercury | 7339-97-6 | NA | RMERC |

P065

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

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

P065

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

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

P065

All P065 (mercury fulminate) wastewaters.

|  |  |  |  |
| --- | --- | --- | --- |
| Mercury | 7439-97-6 | 0.15 | NA |

P066

Methomyl.

|  |  |  |  |
| --- | --- | --- | --- |
| Methomyl | 16752-77-5 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

P067

2-Methyl-aziridine.

|  |  |  |  |
| --- | --- | --- | --- |
| 2-Methyl-aziridine | 75-55-8 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

P068

Methyl hydrazine.

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

P069

2-Methyllactonitrile.

|  |  |  |  |
| --- | --- | --- | --- |
| 2-Methyllactonitrile | 75-86-5 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

P070

Aldicarb.

|  |  |  |  |
| --- | --- | --- | --- |
| Aldicarb | 116-06-3 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

P071

Methyl parathion.

|  |  |  |  |
| --- | --- | --- | --- |
| Methyl parathion | 298-00-0 | 0.014 | 4.6 |

P072

1-Naphthyl-2-thiourea.

|  |  |  |  |
| --- | --- | --- | --- |
| 1-Naphthyl-2-thiourea | 86-88-4 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

P073

Nickel carbonyl.

|  |  |  |  |
| --- | --- | --- | --- |
| Nickel | 7440-02-0 | 3.98 | 11 mg/ℓ TCLP |

P074

Nickel cyanide.

|  |  |  |  |
| --- | --- | --- | --- |
| Cyanides (Total)7 | 57-12-5 | 1.2 | 590 |
| Cyanides (Amenable)7 | 57-12-5 | 0.86 | 30 |
| Nickel | 7440-02-0 | 3.98 | 11 mg/ℓ TCLP |

P075

Nicotine and salts.

|  |  |  |  |
| --- | --- | --- | --- |
| Nicotine and salts | 54-11-5 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

P076

Nitric oxide.

|  |  |  |  |
| --- | --- | --- | --- |
| Nitric oxide | 10102-43-9 | ADGAS | ADGAS |

P077

p-Nitroaniline.

|  |  |  |  |
| --- | --- | --- | --- |
| p-Nitroaniline | 100-01-6 | 0.028 | 28 |

P078

Nitrogen dioxide.

|  |  |  |  |
| --- | --- | --- | --- |
| Nitrogen dioxide | 10102-44-0 | ADGAS | ADGAS |

P081

Nitroglycerin.

|  |  |  |  |
| --- | --- | --- | --- |
| Nitroglycerin | 55-63-0 | CHOXD; CHRED; CARBN; BIODG or CMBST | CHOXD; CHRED; or CMBST |

P082

N-Nitrosodimethylamine.

|  |  |  |  |
| --- | --- | --- | --- |
| N-Nitrosodimethylamine | 62-75-9 | 0.40 | 2.3 |

P084

N-Nitrosomethylvinylamine.

|  |  |  |  |
| --- | --- | --- | --- |
| N-Nitrosomethylvinylamine | 4549-40-0 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

P085

Octamethylpyrophosphoramide.

|  |  |  |  |
| --- | --- | --- | --- |
| Octamethylpyrophosphoramide | 152-16-9 | CARBN; or CMBST | CMBST |

P087

Osmium tetroxide.

|  |  |  |  |
| --- | --- | --- | --- |
| Osmium tetroxide | 20816-12-0 | RMETL; or RTHRM | RMETL; or RTHRM |

P088

Endothall.

|  |  |  |  |
| --- | --- | --- | --- |
| Endothall | 145-73-3 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

P089

Parathion.

|  |  |  |  |
| --- | --- | --- | --- |
| Parathion | 56-38-2 | 0.014 | 4.6 |

P092

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

|  |  |  |  |
| --- | --- | --- | --- |
| Mercury | 7439-97-6 | NA | IMERC; or RMERC |

P092

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

|  |  |  |  |
| --- | --- | --- | --- |
| Mercury | 7439-97-6 | NA | RMERC |

P092

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

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

P092

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

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

P092

All P092 (phenyl mercuric acetate) wastewaters.

|  |  |  |  |
| --- | --- | --- | --- |
| Mercury | 7439-97-6 | 0.15 | NA |

P093

Phenylthiourea.

|  |  |  |  |
| --- | --- | --- | --- |
| Phenylthiourea | 103-85-5 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

P094

Phorate.

|  |  |  |  |
| --- | --- | --- | --- |
| Phorate | 298-02-2 | 0.021 | 4.6 |

P095

Phosgene.

|  |  |  |  |
| --- | --- | --- | --- |
| Phosgene | 75-44-5 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

P096

Phosphine.

|  |  |  |  |
| --- | --- | --- | --- |
| Phosphine | 7803-51-2 | CHOXD; CHRED; or CMBST | CHOXD; CHRED; or CMBST |

P097

Famphur.

|  |  |  |  |
| --- | --- | --- | --- |
| Famphur | 52-85-7 | 0.017 | 15 |

P098

Potassium cyanide.

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

P099

Potassium silver cyanide.

|  |  |  |  |
| --- | --- | --- | --- |
| Cyanides (Total)7 | 57-12-5 | 1.2 | 590 |
| Cyanides (Amenable)7 | 57-12-5 | 0.86 | 30 |
| Silver | 7440-22-4 | 0.43 | 0.14 mg/ℓ TCLP |

P101

Ethyl cyanide (Propanenitrile).

|  |  |  |  |
| --- | --- | --- | --- |
| Ethyl cyanide (Propanenitrile) | 107-12-0 | 0.24 | 360 |

P102

Propargyl alcohol.

|  |  |  |  |
| --- | --- | --- | --- |
| Propargyl alcohol | 107-19-7 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

P103

Selenourea.

|  |  |  |  |
| --- | --- | --- | --- |
| Selenium | 7782-49-2 | 0.82 | 5.7 mg/ℓ TCLP |

P104

Silver cyanide.

|  |  |  |  |
| --- | --- | --- | --- |
| Cyanides (Total)7 | 57-12-5 | 1.2 | 590 |
| Cyanides (Amenable)7 | 57-12-5 | 0.86 | 30 |
| Silver | 7440-22-4 | 0.43 | 0.14 mg/ℓ TCLP |

P105

Sodium azide.

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

P106

Sodium cyanide.

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

P108

Strychnine and salts.

|  |  |  |  |
| --- | --- | --- | --- |
| Strychnine and salts | 57-24-9 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

P109

Tetraethyldithiopyrophosphate.

|  |  |  |  |
| --- | --- | --- | --- |
| Tetraethyldithiopyrophosphate | 3689-24-5 | CARBN; or CMBST | CMBST |

P110

Tetraethyl lead.

|  |  |  |  |
| --- | --- | --- | --- |
| Lead | 7439-92-1 | 0.69 | 0.75 mg/ℓ TCLP |

P111

Tetraethylpyrophosphate.

|  |  |  |  |
| --- | --- | --- | --- |
| Tetraethylpyrophosphate | 107-49-3 | CARBN; or CMBST | CMBST |

P112

Tetranitromethane.

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

P113

Thallic oxide.

|  |  |  |  |
| --- | --- | --- | --- |
| Thallium (measured in wastewaters only) | 7440-28-0 | 1.4 | RTHRM; or STABL |

P114

Thallium selenite.

|  |  |  |  |
| --- | --- | --- | --- |
| Selenium | 7782-49-2 | 0.82 | 5.7 mg/ℓ TCLP |

P115

Thallium (I) sulfate.

|  |  |  |  |
| --- | --- | --- | --- |
| Thallium (measured in wastewaters only) | 7440-28-0 | 1.4 | RTHRM; or STABL |

P116

Thiosemicarbazide.

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

P118

Trichloromethanethiol.

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

P119

Ammonium vanadate.

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

P120

Vanadium pentoxide.

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

P121

Zinc cyanide.

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

P122

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

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

P123

Toxaphene.

|  |  |  |  |
| --- | --- | --- | --- |
| Toxaphene | 8001-35-2 | 0.0095 | 2.6 |

P127

Carbofuran.10

|  |  |  |  |
| --- | --- | --- | --- |
| Carbofuran | 1563-66-2 | 0.006; or CMBST, CHOXD, BIODG or CARBN | 0.14; or CMBST |

P128

Mexacarbate.10

|  |  |  |  |
| --- | --- | --- | --- |
| Mexacarbate | 315-18-4 | 0.056; or CMBST, CHOXD, BIODG or CARBN | 1.4; or CMBST |

P185

Tirpate.10

|  |  |  |  |
| --- | --- | --- | --- |
| Tirpate | 26419-73-8 | 0.056; or CMBST, CHOXD, BIODG or CARBN | 0.28; or CMBST |

P188

Physostigimine salicylate.10

|  |  |  |  |
| --- | --- | --- | --- |
| Physostigmine salicylate | 57-64-7 | 0.056; or CMBST, CHOXD, BIODG or CARBN | 1.4; or CMBST |

P189

Carbosulfan.10

|  |  |  |  |
| --- | --- | --- | --- |
| Carbosulfan | 55285-14-8 | 0.028; or CMBST, CHOXD, BIODG or CARBN | 1.4; or CMBST |

P190

Metolcarb.10

|  |  |  |  |
| --- | --- | --- | --- |
| Metolcarb | 1129-41-5 | 0.056; or CMBST, CHOXD, BIODG or CARBN | 1.4; or CMBST |

P191

Dimetilan.10

|  |  |  |  |
| --- | --- | --- | --- |
| Dimetilan | 644-64-4 | 0.056; or CMBST, CHOXD, BIODG or CARBN | 1.4; or CMBST |

P192

Isolan.10

|  |  |  |  |
| --- | --- | --- | --- |
| Isolan | 119-38-0 | 0.056; or CMBST, CHOXD, BIODG or CARBN | 1.4; or CMBST |

P194

Oxamyl.10

|  |  |  |  |
| --- | --- | --- | --- |
| Oxamyl | 23135-22-0 | 0.056; or CMBST, CHOXD, BIODG or CARBN | 0.28; or CMBST |

P196

Manganese dimethyldithiocarbamates (total).10

|  |  |  |  |
| --- | --- | --- | --- |
| Dithiocarbamates (total) | NA | 0.028; or CMBST, CHOXD, BIODG or CARBN | 28; or CMBST |

P197

Formparanate.10

|  |  |  |  |
| --- | --- | --- | --- |
| Formparanate | 17702-57-7 | 0.056; or CMBST, CHOXD, BIODG or CARBN | 1.4; or CMBST |

P198

Formetanate hydrochloride.10

|  |  |  |  |
| --- | --- | --- | --- |
| Formetanate hydrochloride | 23422-53-9 | 0.056; or CMBST, CHOXD, BIODG or CARBN | 1.4; or CMBST |

P199

Methiocarb.10

|  |  |  |  |
| --- | --- | --- | --- |
| Methiocarb | 2032-65-7 | 0.056; or CMBST, CHOXD, BIODG or CARBN | 1.4; or CMBST |

P201

Promecarb.10

|  |  |  |  |
| --- | --- | --- | --- |
| Promecarb | 2631-37-0 | 0.056; or CMBST, CHOXD, BIODG or CARBN | 1.4; or CMBST |

P202

m-Cumenyl methylcarbamate.10

|  |  |  |  |
| --- | --- | --- | --- |
| m-Cumenyl methylcarbamate | 64-00-6 | 0.056; or CMBST, CHOXD, BIODG or CARBN | 1.4; or CMBST |

P203

Aldicarb sulfone.10

|  |  |  |  |
| --- | --- | --- | --- |
| Aldicarb sulfone | 1646-88-4 | 0.056; or CMBST, CHOXD, BIODG or CARBN | 0.28; or CMBST |

P204

Physostigmine.10

|  |  |  |  |
| --- | --- | --- | --- |
| Physostigmine | 57-47-6 | 0.056; or CMBST, CHOXD, BIODG or CARBN | 1.4; or CMBST |

P205

Ziram.10

|  |  |  |  |
| --- | --- | --- | --- |
| Dithiocarbamates (total) | NA | 0.028; or CMBST, CHOXD, BIODG or CARBN | 28; or CMBST |

U001

Acetaldehyde.

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

U002

Acetone.

|  |  |  |  |
| --- | --- | --- | --- |
| Acetone | 67-64-1 | 0.28 | 160 |

U003

Acetonitrile.

|  |  |  |  |
| --- | --- | --- | --- |
| Acetonitrile | 75-05-8 | 5.6 | CMBST |
| Acetonitrile; alternate6 standard for nonwastewaters only | 75-05-8 | NA | 38 |

U004

Acetophenone.

|  |  |  |  |
| --- | --- | --- | --- |
| Acetophenone | 98-86-2 | 0.010 | 9.7 |

U005

2-Acetylaminofluorene.

|  |  |  |  |
| --- | --- | --- | --- |
| 2-Acetylaminofluorene | 53-96-3 | 0.059 | 140 |

U006

Acetyl chloride.

|  |  |  |  |
| --- | --- | --- | --- |
| Acetyl chloride | 75-36-5 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U007

Acrylamide.

|  |  |  |  |
| --- | --- | --- | --- |
| Acrylamide | 79-06-1 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U008

Acrylic acid.

|  |  |  |  |
| --- | --- | --- | --- |
| Acrylic acid | 79-10-7 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U009

Acrylonitrile.

|  |  |  |  |
| --- | --- | --- | --- |
| Acrylonitrile | 107-13-1 | 0.24 | 84 |

U010

Mitomycin C.

|  |  |  |  |
| --- | --- | --- | --- |
| Mitomycin C | 50-07-7 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U011

Amitrole.

|  |  |  |  |
| --- | --- | --- | --- |
| Amitrole | 61-82-5 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U012

Aniline.

|  |  |  |  |
| --- | --- | --- | --- |
| Aniline | 62-53-3 | 0.81 | 14 |

U014

Auramine.

|  |  |  |  |
| --- | --- | --- | --- |
| Auramine | 492-80-8 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U015

Azaserine.

|  |  |  |  |
| --- | --- | --- | --- |
| Azaserine | 115-02-6 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U016

Benz(c)acridine.

|  |  |  |  |
| --- | --- | --- | --- |
| Benz(c)acridine | 225-51-4 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U017

Benzal chloride.

|  |  |  |  |
| --- | --- | --- | --- |
| Benzal chloride | 98-87-3 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U018

Benz(a)anthracene.

|  |  |  |  |
| --- | --- | --- | --- |
| Benz(a)anthracene | 56-55-3 | 0.059 | 3.4 |

U019

Benzene.

|  |  |  |  |
| --- | --- | --- | --- |
| Benzene | 71-43-2 | 0.14 | 10 |

U020

Benzenesulfonyl chloride.

|  |  |  |  |
| --- | --- | --- | --- |
| Benzenesulfonyl chloride | 98-09-9 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U021

Benzidine.

|  |  |  |  |
| --- | --- | --- | --- |
| Benzidine | 92-87-5 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U022

Benzo(a)pyrene.

|  |  |  |  |
| --- | --- | --- | --- |
| Benzo(a)pyrene | 50-32-8 | 0.061 | 3.4 |

U023

Benzotrichloride.

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

U024

bis(2-Chloroethoxy)methane.

|  |  |  |  |
| --- | --- | --- | --- |
| bis(2-Chloroethoxy)methane | 111-91-1 | 0.036 | 7.2 |

U025

bis(2-Chloroethyl)ether.

|  |  |  |  |
| --- | --- | --- | --- |
| bis(2-Chloroethyl)ether | 111-44-4 | 0.033 | 6.0 |

U026

Chlornaphazine.

|  |  |  |  |
| --- | --- | --- | --- |
| Chlornaphazine | 494-03-1 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U027

bis(2-Chloroisopropyl)ether.

|  |  |  |  |
| --- | --- | --- | --- |
| bis(2-Chloroisopropyl)ether | 39638-32-9 | 0.055 | 7.2 |

U028

bis(2-Ethylhexyl)phthalate.

|  |  |  |  |
| --- | --- | --- | --- |
| bis(2-Ethylhexyl)phthalate | 117-81-7 | 0.28 | 28 |

U029

Methyl bromide (Bromomethane).

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

U030

4-Bromophenyl phenyl ether.

|  |  |  |  |
| --- | --- | --- | --- |
| 4-Bromophenyl phenyl ether | 101-55-3 | 0.055 | 15 |

U031

n-Butyl alcohol.

|  |  |  |  |
| --- | --- | --- | --- |
| n-Butyl alcohol | 71-36-3 | 5.6 | 2.6 |

U032

Calcium chromate.

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

U033

Carbon oxyfluoride.

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

U034

Trichloroacetaldehyde (Chloral).

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

U035

Chlorambucil.

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

U036

Chlordane.

|  |  |  |  |
| --- | --- | --- | --- |
| Chlordane (a and c isomers) | 57-74-9 | 0.0033 | 0.26 |

U037

Chlorobenzene.

|  |  |  |  |
| --- | --- | --- | --- |
| Chlorobenzene | 108-90-7 | 0.057 | 6.0 |

U038

Chlorobenzilate.

|  |  |  |  |
| --- | --- | --- | --- |
| Chlorobenzilate | 510-15-6 | 0.10 | CMBST |

U039

p-Chloro-m-cresol.

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

U041

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

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

U042

2-Chloroethyl vinyl ether.

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

U043

Vinyl chloride.

|  |  |  |  |
| --- | --- | --- | --- |
| Vinyl chloride | 75-01-4 | 0.27 | 6.0 |

U044

Chloroform.

|  |  |  |  |
| --- | --- | --- | --- |
| Chloroform | 67-66-3 | 0.046 | 6.0 |

U045

Chloromethane (Methyl chloride).

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

U046

Chloromethyl methyl ether.

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

U047

2-Chloronaphthalene.

|  |  |  |  |
| --- | --- | --- | --- |
| 2-Chloronaphthalene | 91-58-7 | 0.055 | 5.6 |

U048

2-Chlorophenol.

|  |  |  |  |
| --- | --- | --- | --- |
| 2-Chlorophenol | 95-57-8 | 0.044 | 5.7 |

U049

4-Chloro-o-toluidine hydrochloride.

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

U050

Chrysene.

|  |  |  |  |
| --- | --- | --- | --- |
| Chrysene | 218-01-9 | 0.059 | 3.4 |

U051

Creosote.

|  |  |  |  |
| --- | --- | --- | --- |
| Naphthalene | 91-20-3 | 0.059 | 5.6 |
| Pentachlorophenol | 87-86-5 | 0.089 | 7.4 |
| Phenanthrene | 85-01-8 | 0.059 | 5.6 |
| Pyrene | 129-00-0 | 0.067 | 8.2 |
| Toluene | 108-88-3 | 0.080 | 10 |
| Xylenes-mixed isomers  (sum of o-, m-, and p-xylene concentrations) | 1330-20-7 | 0.32 | 30 |
| Lead | 7439-92-1 | 0.69 | 0.75 mg/ℓ TCLP |

U052

Cresols (Cresylic acid).

|  |  |  |  |
| --- | --- | --- | --- |
| o-Cresol | 95-48-7 | 0.11 | 5.6 |
| m-Cresol (difficult to distinguish from p-cresol) | 108-39-4 | 0.77 | 5.6 |
| p-Cresol (difficult to distinguish from m-cresol) | 106-44-5 | 0.77 | 5.6 |
| Cresol-mixed isomers (Cresylic acid)  (sum of o-, m-, and p-cresol concentrations) | 1319-77-3 | 0.88 | 11.2 |

U053

Crotonaldehyde.

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

U055

Cumene.

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

U056

Cyclohexane.

|  |  |  |  |
| --- | --- | --- | --- |
| Cyclohexane | 110-82-7 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U057

Cyclohexanone.

|  |  |  |  |
| --- | --- | --- | --- |
| Cyclohexanone | 108-94-1 | 0.36 | CMBST |
| Cyclohexanone; alternate6 standard for nonwastewaters only | 108-94-1 | NA | 0.75 mg/ℓ TCLP |

U058

Cyclophosphamide.

|  |  |  |  |
| --- | --- | --- | --- |
| Cyclophosphamide | 50-18-0 | CARBN; or CMBST | CMBST |

U059

Daunomycin.

|  |  |  |  |
| --- | --- | --- | --- |
| Daunomycin | 20830-81-3 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U060

DDD.

|  |  |  |  |
| --- | --- | --- | --- |
| o,p'-DDD | 53-19-0 | 0.023 | 0.087 |
| p,p'-DDD | 72-54-8 | 0.023 | 0.087 |

U061

DDT.

|  |  |  |  |
| --- | --- | --- | --- |
| o,p'-DDT | 789-02-6 | 0.0039 | 0.087 |
| p,p'-DDT | 50-29-3 | 0.0039 | 0.087 |
| o,p'-DDD | 53-19-0 | 0.023 | 0.087 |
| p,p'-DDD | 72-54-8 | 0.023 | 0.087 |
| o,p'-DDE | 3424-82-6 | 0.031 | 0.087 |
| p,p'-DDE | 72-55-9 | 0.031 | 0.087 |

U062

Diallate.

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

U063

Dibenz(a,h)anthracene.

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

U064

Dibenz(a,i)pyrene.

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

U066

1,2-Dibromo-3-chloropropane.

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

U067

Ethylene dibromide (1,2-Dibromoethane).

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

U068

Dibromomethane.

|  |  |  |  |
| --- | --- | --- | --- |
| Dibromomethane | 74-95-3 | 0.11 | 15 |

U069

Di-n-butyl phthalate.

|  |  |  |  |
| --- | --- | --- | --- |
| Di-n-butyl phthalate | 84-74-2 | 0.057 | 28 |

U070

o-Dichlorobenzene.

|  |  |  |  |
| --- | --- | --- | --- |
| o-Dichlorobenzene | 95-50-1 | 0.088 | 6.0 |

U071

m-Dichlorobenzene.

|  |  |  |  |
| --- | --- | --- | --- |
| m-Dichlorobenzene | 541-73-1 | 0.036 | 6.0 |

U072

p-Dichlorobenzene.

|  |  |  |  |
| --- | --- | --- | --- |
| p-Dichlorobenzene | 106-46-7 | 0.090 | 6.0 |

U073

3,3'-Dichlorobenzidine.

|  |  |  |  |
| --- | --- | --- | --- |
| 3,3'-Dichlorobenzidine | 91-94-1 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U074

1,4-Dichloro-2-butene.

|  |  |  |  |
| --- | --- | --- | --- |
| cis-1,4-Dichloro-2-butene | 1476-11-5 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |
| trans-1,4-Dichloro-2-butene | 764-41-0 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U075

Dichlorodifluoromethane.

|  |  |  |  |
| --- | --- | --- | --- |
| Dichlorodifluoromethane | 75-71-8 | 0.23 | 7.2 |

U076

1,1-Dichloroethane.

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

U077

1,2-Dichloroethane.

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

U078

1,1-Dichloroethylene.

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

U079

1,2-Dichloroethylene.

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

U080

Methylene chloride.

|  |  |  |  |
| --- | --- | --- | --- |
| Methylene chloride | 75-09-2 | 0.089 | 30 |

U081

2,4-Dichlorophenol.

|  |  |  |  |
| --- | --- | --- | --- |
| 2,4-Dichlorophenol | 120-83-2 | 0.044 | 14 |

U082

2,6-Dichlorophenol.

|  |  |  |  |
| --- | --- | --- | --- |
| 2,6-Dichlorophenol | 87-65-0 | 0.044 | 14 |

U083

1,2-Dichloropropane.

|  |  |  |  |
| --- | --- | --- | --- |
| 1,2-Dichloropropane | 78-87-5 | 0.85 | 18 |

U084

1,3-Dichloropropylene.

|  |  |  |  |
| --- | --- | --- | --- |
| cis-1,3-Dichloropropylene | 10061-01-5 | 0.036 | 18 |
| trans-1,3-Dichloropropylene | 10061-02-6 | 0.036 | 18 |

U085

1,2,3,4-Diepoxybutane

|  |  |  |  |
| --- | --- | --- | --- |
| 1,2,3,4-Diepoxybutane | 1464-53-5 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U086

N,N'-Diethylhydrazine.

|  |  |  |  |
| --- | --- | --- | --- |
| N,N'-Diethylhydrazine | 1615-80-1 | CHOXD; CHRED; CARBN; BIODG; or CMBST | CHOXD; CHRED; or CMBST |

U087

O,O-Diethyl-S-methyldithiophosphate.

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

U088

Diethyl phthalate.

|  |  |  |  |
| --- | --- | --- | --- |
| Diethyl phthalate | 84-66-2 | 0.20 | 28 |

U089

Diethyl stilbestrol.

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

U090

Dihydrosafrole.

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

U091

3,3'-Dimethoxybenzidine.

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

U092

Dimethylamine.

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

U093

p-Dimethylaminoazobenzene.

|  |  |  |  |
| --- | --- | --- | --- |
| p-Dimethylaminoazobenzene | 60-11-7 | 0.13 | CMBST |

U094

7,12-Dimethylbenz(a)anthracene.

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

U095

3,3'-Dimethylbenzidine.

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

U096

a, a-Dimethyl benzyl hydroperoxide.

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

U097

Dimethylcarbamoyl chloride.

|  |  |  |  |
| --- | --- | --- | --- |
| Dimethylcarbamoyl chloride | 79-44-7 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U098

1,1-Dimethylhydrazine.

|  |  |  |  |
| --- | --- | --- | --- |
| 1,1-Dimethylhydrazine | 57-14-7 | CHOXD; CHRED; CARBN; BIODG; or CMBST | CHOXD; CHRED; or CMBST |

U099

1,2-Dimethylhydrazine.

|  |  |  |  |
| --- | --- | --- | --- |
| 1,2-Dimethylhydrazine | 540-73-8 | CHOXD; CHRED; CARBN; BIODG; or CMBST | CHOXD; CHRED; or CMBST |

U101

2,4-Dimethylphenol.

|  |  |  |  |
| --- | --- | --- | --- |
| 2,4-Dimethylphenol | 105-67-9 | 0.036 | 14 |

U102

Dimethyl phthalate.

|  |  |  |  |
| --- | --- | --- | --- |
| Dimethyl phthalate | 131-11-3 | 0.047 | 28 |

U103

Dimethyl sulfate.

|  |  |  |  |
| --- | --- | --- | --- |
| Dimethyl sulfate | 77-78-1 | CHOXD; CHRED; CARBN; BIODG; or CMBST | CHOXD; CHRED; or CMBST |

U105

2,4-Dinitrotoluene.

|  |  |  |  |
| --- | --- | --- | --- |
| 2,4-Dinitrotoluene | 121-14-2 | 0.32 | 140 |

U106

2,6-Dinitrotoluene.

|  |  |  |  |
| --- | --- | --- | --- |
| 2,6-Dinitrotoluene | 606-20-2 | 0.55 | 28 |

U107

Di-n-octyl phthalate.

|  |  |  |  |
| --- | --- | --- | --- |
| Di-n-octyl phthalate | 117-84-0 | 0.017 | 28 |

U108

1,4-Dioxane.

|  |  |  |  |
| --- | --- | --- | --- |
| 1,4-Dioxane | 123-91-1 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |
| 1,4-Dioxane; alternate6 standard for nonwastewaters only | 123-91-1 | 12.0 | 170 |

U109

1,2-Diphenylhydrazine.

|  |  |  |  |
| --- | --- | --- | --- |
| 1,2-Diphenylhydrazine | 122-66-7 | CHOXD; CHRED; CARBN; BIODG; or CMBST | CHOXD; CHRED; or CMBST |
| 1,2-Diphenylhydrazine; alternate6 standard for wastewaters only | 122-66-7 | 0.087 | NA |

U110

Dipropylamine.

|  |  |  |  |
| --- | --- | --- | --- |
| Dipropylamine | 142-84-7 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U111

Di-n-propylnitrosamine.

|  |  |  |  |
| --- | --- | --- | --- |
| Di-n-propylnitrosamine | 621-64-7 | 0.40 | 14 |

U112

Ethyl acetate.

|  |  |  |  |
| --- | --- | --- | --- |
| Ethyl acetate | 141-78-6 | 0.34 | 33 |

U113

Ethyl acrylate.

|  |  |  |  |
| --- | --- | --- | --- |
| Ethyl acrylate | 140-88-5 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U114

Ethylenebisdithiocarbamic acid salts and esters.

|  |  |  |  |
| --- | --- | --- | --- |
| Ethylenebisdithiocarbamic acid | 111-54-6 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U115

Ethylene oxide.

|  |  |  |  |
| --- | --- | --- | --- |
| Ethylene oxide | 75-21-8 | (WETOX or CHOXD) fb CARBN; or CMBST | CHOXD; or CMBST |
| Ethylene oxide; alternate6 standard for wastewaters only | 75-21-8 | 0.12 | NA |

U116

Ethylene thiourea.

|  |  |  |  |
| --- | --- | --- | --- |
| Ethylene thiourea | 96-45-7 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U117

Ethyl ether.

|  |  |  |  |
| --- | --- | --- | --- |
| Ethyl ether | 60-29-7 | 0.12 | 160 |

U118

Ethyl methacrylate.

|  |  |  |  |
| --- | --- | --- | --- |
| Ethyl methacrylate | 97-63-2 | 0.14 | 160 |

U119

Ethyl methane sulfonate.

|  |  |  |  |
| --- | --- | --- | --- |
| Ethyl methane sulfonate | 62-50-0 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U120

Fluoranthene.

|  |  |  |  |
| --- | --- | --- | --- |
| Fluoranthene | 206-44-0 | 0.068 | 3.4 |

U121

Trichloromonofluoromethane.

|  |  |  |  |
| --- | --- | --- | --- |
| Trichloromonofluoromethane | 75-69-4 | 0.020 | 30 |

U122

Formaldehyde.

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

U123

Formic acid.

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

U124

Furan.

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

U125

Furfural.

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

U126

Glycidylaldehyde.

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

U127

Hexachlorobenzene.

|  |  |  |  |
| --- | --- | --- | --- |
| Hexachlorobenzene | 118-74-1 | 0.055 | 10 |

U128

Hexachlorobutadiene.

|  |  |  |  |
| --- | --- | --- | --- |
| Hexachlorobutadiene | 87-68-3 | 0.055 | 5.6 |

U129

Lindane.

|  |  |  |  |
| --- | --- | --- | --- |
| a-BHC | 319-84-6 | 0.00014 | 0.066 |
| b-BHC | 319-85-7 | 0.00014 | 0.066 |
| d-BHC | 319-86-8 | 0.023 | 0.066 |
| γ-BHC (Lindane) | 58-89-9 | 0.0017 | 0.066 |

U130

Hexachlorocyclopentadiene.

|  |  |  |  |
| --- | --- | --- | --- |
| Hexachlorocyclopentadiene | 77-47-4 | 0.057 | 2.4 |

U131

Hexachloroethane.

|  |  |  |  |
| --- | --- | --- | --- |
| Hexachloroethane | 67-72-1 | 0.055 | 30 |

U132

Hexachlorophene.

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

U133

Hydrazine.

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

U134

Hydrogen fluoride.

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

U135

Hydrogen sulfide.

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

U136

Cacodylic acid.

|  |  |  |  |
| --- | --- | --- | --- |
| Arsenic | 7440-38-2 | 1.4 | 5.0 mg/ℓ TCLP |

U137

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

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

U138

Iodomethane.

|  |  |  |  |
| --- | --- | --- | --- |
| Iodomethane | 74-88-4 | 0.19 | 65 |

U140

Isobutyl alcohol.

|  |  |  |  |
| --- | --- | --- | --- |
| Isobutyl alcohol | 78-83-1 | 5.6 | 170 |

U141

Isosafrole.

|  |  |  |  |
| --- | --- | --- | --- |
| Isosafrole | 120-58-1 | 0.081 | 2.6 |

U142

Kepone.

|  |  |  |  |
| --- | --- | --- | --- |
| Kepone | 143-50-8 | 0.0011 | 0.13 |

U143

Lasiocarpine.

|  |  |  |  |
| --- | --- | --- | --- |
| Lasiocarpine | 303-34-4 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U144

Lead acetate.

|  |  |  |  |
| --- | --- | --- | --- |
| Lead | 7439-92-1 | 0.69 | 0.75 mg/ℓ TCLP |

U145

Lead phosphate.

|  |  |  |  |
| --- | --- | --- | --- |
| Lead | 7439-92-1 | 0.69 | 0.75 mg/ℓ TCLP |

U146

Lead subacetate.

|  |  |  |  |
| --- | --- | --- | --- |
| Lead | 7439-92-1 | 0.69 | 0.75 mg/ℓ TCLP |

U147

Maleic anhydride.

|  |  |  |  |
| --- | --- | --- | --- |
| Maleic anhydride | 108-31-6 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U148

Maleic hydrazide.

|  |  |  |  |
| --- | --- | --- | --- |
| Maleic hydrazide | 123-33-1 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U149

Malononitrile.

|  |  |  |  |
| --- | --- | --- | --- |
| Malononitrile | 109-77-3 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U150

Melphalan.

|  |  |  |  |
| --- | --- | --- | --- |
| Melphalan | 148-82-3 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U151

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

|  |  |  |  |
| --- | --- | --- | --- |
| Mercury | 7439-97-6 | NA | RMERC |

U151

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

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

U151

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

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

U151

All U151 (mercury) wastewater.

|  |  |  |  |
| --- | --- | --- | --- |
| Mercury | 7439-97-6 | 0.15 | NA |

U151

Elemental Mercury Contaminated with Radioactive Materials.

|  |  |  |  |
| --- | --- | --- | --- |
| Mercury | 7439-97-6 | NA | AMLGM |

U152

Methacrylonitrile.

|  |  |  |  |
| --- | --- | --- | --- |
| Methacrylonitrile | 126-98-7 | 0.24 | 84 |

U153

Methanethiol.

|  |  |  |  |
| --- | --- | --- | --- |
| Methanethiol | 74-93-1 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U154

Methanol.

|  |  |  |  |
| --- | --- | --- | --- |
| Methanol | 67-56-1 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |
| Methanol; alternate6 set of standards for both wastewaters and nonwastewaters | 67-56-1 | 5.6 | 0.75 mg/ℓ TCLP |

U155

Methapyrilene.

|  |  |  |  |
| --- | --- | --- | --- |
| Methapyrilene | 91-80-5 | 0.081 | 1.5 |

U156

Methyl chlorocarbonate.

|  |  |  |  |
| --- | --- | --- | --- |
| Methyl chlorocarbonate | 79-22-1 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U157

3-Methylcholanthrene.

|  |  |  |  |
| --- | --- | --- | --- |
| 3-Methylcholanthrene | 56-49-5 | 0.0055 | 15 |

U158

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

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

U159

Methyl ethyl ketone.

|  |  |  |  |
| --- | --- | --- | --- |
| Methyl ethyl ketone | 78-93-3 | 0.28 | 36 |

U160

Methyl ethyl ketone peroxide.

|  |  |  |  |
| --- | --- | --- | --- |
| Methyl ethyl ketone peroxide | 1338-23-4 | CHOXD; CHRED; CARBN; BIODG; or CMBST | CHOXD; CHRED; or CMBST |

U161

Methyl isobutyl ketone.

|  |  |  |  |
| --- | --- | --- | --- |
| Methyl isobutyl ketone | 108-10-1 | 0.14 | 33 |

U162

Methyl methacrylate.

|  |  |  |  |
| --- | --- | --- | --- |
| Methyl methacrylate | 80-62-6 | 0.14 | 160 |

U163

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

|  |  |  |  |
| --- | --- | --- | --- |
| N-Methyl-N'-nitro-N-nitrosoguanidine | 70-25-7 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U164

Methylthiouracil.

|  |  |  |  |
| --- | --- | --- | --- |
| Methylthiouracil | 56-04-2 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U165

Naphthalene.

|  |  |  |  |
| --- | --- | --- | --- |
| Naphthalene | 91-20-3 | 0.059 | 5.6 |

U166

1,4-Naphthoquinone.

|  |  |  |  |
| --- | --- | --- | --- |
| 1,4-Naphthoquinone | 130-15-4 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U167

1-Naphthylamine.

|  |  |  |  |
| --- | --- | --- | --- |
| 1-Naphthylamine | 134-32-7 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U168

2-Naphthylamine.

|  |  |  |  |
| --- | --- | --- | --- |
| 2-Naphthylamine | 91-59-8 | 0.52 | CMBST |

U169

Nitrobenzene.

|  |  |  |  |
| --- | --- | --- | --- |
| Nitrobenzene | 98-95-3 | 0.068 | 14 |

U170

p-Nitrophenol.

|  |  |  |  |
| --- | --- | --- | --- |
| p-Nitrophenol | 100-02-7 | 0.12 | 29 |

U171

2-Nitropropane.

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

U172

N-Nitrosodi-n-butylamine.

|  |  |  |  |
| --- | --- | --- | --- |
| N-Nitrosodi-n-butylamine | 924-16-3 | 0.40 | 17 |

U173

N-Nitrosodiethanolamine.

|  |  |  |  |
| --- | --- | --- | --- |
| N-Nitrosodiethanolamine | 1116-54-7 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U174

N-Nitrosodiethylamine.

|  |  |  |  |
| --- | --- | --- | --- |
| N-Nitrosodiethylamine | 55-18-5 | 0.40 | 28 |

U176

N-Nitroso-N-ethylurea.

|  |  |  |  |
| --- | --- | --- | --- |
| N-Nitroso-N-ethylurea | 759-73-9 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U177

N-Nitroso-N-methylurea.

|  |  |  |  |
| --- | --- | --- | --- |
| N-Nitroso-N-methylurea | 684-93-5 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U178

N-Nitroso-N-methylurethane.

|  |  |  |  |
| --- | --- | --- | --- |
| N-Nitroso-N-methylurethane | 615-53-2 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U179

N-Nitrosopiperidine.

|  |  |  |  |
| --- | --- | --- | --- |
| N-Nitrosopiperidine | 100-75-4 | 0.013 | 35 |

U180

N-Nitrosopyrrolidine.

|  |  |  |  |
| --- | --- | --- | --- |
| N-Nitrosopyrrolidine | 930-55-2 | 0.013 | 35 |

U181

5-Nitro-o-toluidine.

|  |  |  |  |
| --- | --- | --- | --- |
| 5-Nitro-o-toluidine | 99-55-8 | 0.32 | 28 |

U182

Paraldehyde.

|  |  |  |  |
| --- | --- | --- | --- |
| Paraldehyde | 123-63-7 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U183

Pentachlorobenzene.

|  |  |  |  |
| --- | --- | --- | --- |
| Pentachlorobenzene | 608-93-5 | 0.055 | 10 |

U184

Pentachloroethane.

|  |  |  |  |
| --- | --- | --- | --- |
| Pentachloroethane | 76-01-7 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |
| Pentachloroethane; alternate6 standards for both wastewaters and nonwastewaters | 76-01-7 | 0.055 | 6.0 |

U185

Pentachloronitrobenzene.

|  |  |  |  |
| --- | --- | --- | --- |
| Pentachloronitrobenzene | 82-68-8 | 0.055 | 4.8 |

U186

1,3-Pentadiene.

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

U187

Phenacetin.

|  |  |  |  |
| --- | --- | --- | --- |
| Phenacetin | 62-44-2 | 0.081 | 16 |

U188

Phenol.

|  |  |  |  |
| --- | --- | --- | --- |
| Phenol | 108-95-2 | 0.039 | 6.2 |

U189

Phosphorus sulfide.

|  |  |  |  |
| --- | --- | --- | --- |
| Phosphorus sulfide | 1314-80-3 | CHOXD; CHRED; or CMBST | CHOXD; CHRED; or CMBST |

U190

Phthalic anhydride.

|  |  |  |  |
| --- | --- | --- | --- |
| Phthalic anhydride (measured as Phthalic acid or Terephthalic acid) | 100-21-0 | 0.055 | 28 |
| Phthalic anhydride (measured as Phthalic acid or Terephthalic acid) | 85-44-9 | 0.055 | 28 |

U191

2-Picoline.

|  |  |  |  |
| --- | --- | --- | --- |
| 2-Picoline | 109-06-8 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U192

Pronamide.

|  |  |  |  |
| --- | --- | --- | --- |
| Pronamide | 23950-58-5 | 0.093 | 1.5 |

U193

1,3-Propane sultone.

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

U194

n-Propylamine.

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

U196

Pyridine.

|  |  |  |  |
| --- | --- | --- | --- |
| Pyridine | 110-86-1 | 0.014 | 16 |

U197

p-Benzoquinone.

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

U200

Reserpine.

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

U201

Resorcinol.

|  |  |  |  |
| --- | --- | --- | --- |
| Resorcinol | 108-46-3 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U203

Safrole.

|  |  |  |  |
| --- | --- | --- | --- |
| Safrole | 94-59-7 | 0.081 | 22 |

U204

Selenium dioxide.

|  |  |  |  |
| --- | --- | --- | --- |
| Selenium | 7782-49-2 | 0.82 | 5.7 mg/ℓ TCLP |

U205

Selenium sulfide.

|  |  |  |  |
| --- | --- | --- | --- |
| Selenium | 7782-49-2 | 0.82 | 5.7 mg/ℓ TCLP |

U206

Streptozotocin.

|  |  |  |  |
| --- | --- | --- | --- |
| Streptozotocin | 18883-66-4 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U207

1,2,4,5-Tetrachlorobenzene.

|  |  |  |  |
| --- | --- | --- | --- |
| 1,2,4,5-Tetrachlorobenzene | 95-94-3 | 0.055 | 14 |

U208

1,1,1,2-

Tetrachloroethane.

|  |  |  |  |
| --- | --- | --- | --- |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | 0.057 | 6.0 |

U209

1,1,2,2-Tetrachloroethane.

|  |  |  |  |
| --- | --- | --- | --- |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 0.057 | 6.0 |

U210

Tetrachloroethylene.

|  |  |  |  |
| --- | --- | --- | --- |
| Tetrachloroethylene | 127-18-4 | 0.056 | 6.0 |

U211

Carbon tetrachloride.

|  |  |  |  |
| --- | --- | --- | --- |
| Carbon tetrachloride | 56-23-5 | 0.057 | 6.0 |

U213

Tetrahydrofuran.

|  |  |  |  |
| --- | --- | --- | --- |
| Tetrahydrofuran | 109-99-9 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U214

Thallium (I) acetate.

|  |  |  |  |
| --- | --- | --- | --- |
| Thallium (measured in wastewaters only) | 7440-28-0 | 1.4 | RTHRM; or STABL |

U215

Thallium (I) carbonate.

|  |  |  |  |
| --- | --- | --- | --- |
| Thallium (measured in wastewaters only) | 7440-28-0 | 1.4 | RTHRM; or STABL |

U216

Thallium (I) chloride.

|  |  |  |  |
| --- | --- | --- | --- |
| Thallium (measured in wastewaters only) | 7440-28-0 | 1.4 | RTHRM; or STABL |

U217

Thallium (I) nitrate.

|  |  |  |  |
| --- | --- | --- | --- |
| Thallium (measured in wastewaters only) | 7440-28-0 | 1.4 | RTHRM; or STABL |

U218

Thioacetamide.

|  |  |  |  |
| --- | --- | --- | --- |
| Thioacetamide | 62-55-5 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U219

Thiourea.

|  |  |  |  |
| --- | --- | --- | --- |
| Thiourea | 62-56-6 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U220

Toluene.

|  |  |  |  |
| --- | --- | --- | --- |
| Toluene | 108-88-3 | 0.080 | 10 |

U221

Toluenediamine.

|  |  |  |  |
| --- | --- | --- | --- |
| Toluenediamine | 25376-45-8 | CARBN; or CMBST | CMBST |

U222

o-Toluidine hydrochloride.

|  |  |  |  |
| --- | --- | --- | --- |
| o-Toluidine hydrochloride | 636-21-5 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U223

Toluene diisocyanate.

|  |  |  |  |
| --- | --- | --- | --- |
| Toluene diisocyanate | 26471-62-5 | CARBN; or CMBST | CMBST |

U225

Bromoform (Tribromomethane).

|  |  |  |  |
| --- | --- | --- | --- |
| Bromoform (Tribromomethane) | 75-25-2 | 0.63 | 15 |

U226

1,1,1-Trichloroethane.

|  |  |  |  |
| --- | --- | --- | --- |
| 1,1,1-Trichloroethane | 71-55-6 | 0.054 | 6.0 |

U227

1,1,2-Trichloroethane.

|  |  |  |  |
| --- | --- | --- | --- |
| 1,1,2-Trichloroethane | 79-00-5 | 0.054 | 6.0 |

U228

Trichloroethylene.

|  |  |  |  |
| --- | --- | --- | --- |
| Trichloroethylene | 79-01-6 | 0.054 | 6.0 |

U234

1,3,5-Trinitrobenzene.

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

U235

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

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

U236

Trypan Blue.

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

U237

Uracil mustard.

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

U238

Urethane (Ethyl carbamate).

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

U239

Xylenes.

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

U240

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

|  |  |  |  |
| --- | --- | --- | --- |
| 2,4-D (2,4-Dichlorophenoxyacetic acid) | 94-75-7 | 0.72 | 10 |
| 2,4-D (2,4-Dichlorophenoxyacetic acid) salts and esters | NA | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U243

Hexachloropropylene.

|  |  |  |  |
| --- | --- | --- | --- |
| Hexachloropropylene | 1888-71-7 | 0.035 | 30 |

U244

Thiram.

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

U246

Cyanogen bromide.

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

U247

Methoxychlor.

|  |  |  |  |
| --- | --- | --- | --- |
| Methoxychlor | 72-43-5 | 0.25 | 0.18 |

U248

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

|  |  |  |  |
| --- | --- | --- | --- |
| Warfarin | 81-81-2 | (WETOX or CHOXD) fb CARBN; or CMBST | CMBST |

U249

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

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

U271

Benomyl.10

|  |  |  |  |
| --- | --- | --- | --- |
| Benomyl | 17804-35-2 | 0.056; or CMBST, CHOXD, BIODG or CARBN | 1.4; or CMBST |

U278

Bendiocarb.10

|  |  |  |  |
| --- | --- | --- | --- |
| Bendiocarb | 22781-23-3 | 0.056; or CMBST, CHOXD, BIODG or CARBN | 1.4; or CMBST |

U279

Carbaryl.10

|  |  |  |  |
| --- | --- | --- | --- |
| Carbaryl | 63-25-2 | 0.006; or CMBST, CHOXD, BIODG or CARBN | 0.14; or CMBST |

U280

Barban.10

|  |  |  |  |
| --- | --- | --- | --- |
| Barban | 101-27-9 | 0.056; or CMBST, CHOXD, BIODG or CARBN | 1.4; or CMBST |

U328

o-Toluidine.

|  |  |  |  |
| --- | --- | --- | --- |
| o-Toluidine | 95-53-4 | CMBST; or CHOXD fb (BIODG or CARBN); or BIODG fb CARBN | CMBST |

U353

p-Toluidine.

|  |  |  |  |
| --- | --- | --- | --- |
| p-Toluidine | 106-49-0 | CMBST; or CHOXD fb (BIODG or CARBN); or BIODG fb CARBN | CMBST |

U359

2-Ethoxyethanol.

|  |  |  |  |
| --- | --- | --- | --- |
| 2-Ethoxyethanol | 110-80-5 | CMBST; or CHOXD fb (BIODG or CARBN); or BIODG fb CARBN | CMBST |

U364

Bendiocarb phenol.10

|  |  |  |  |
| --- | --- | --- | --- |
| Bendiocarb phenol | 22961-82-6 | 0.056; or CMBST, CHOXD, BIODG or CARBN | 1.4; or CMBST |

U367

Carbofuran phenol.10

|  |  |  |  |
| --- | --- | --- | --- |
| Carbofuran phenol | 1563-38-8 | 0.056; or CMBST, CHOXD, BIODG or CARBN | 1.4; or CMBST |

U372

Carbendazim.10

|  |  |  |  |
| --- | --- | --- | --- |
| Carbendazim | 10605-21-7 | 0.056; or CMBST, CHOXD, BIODG or CARBN | 1.4; or CMBST |

U373

Propham.10

|  |  |  |  |
| --- | --- | --- | --- |
| Propham | 122-42-9 | 0.056; or CMBST, CHOXD, BIODG or CARBN | 1.4; or CMBST |

U387

Prosulfocarb.10

|  |  |  |  |
| --- | --- | --- | --- |
| Prosulfocarb | 52888-80-9 | 0.042; or CMBST, CHOXD, BIODG or CARBN | 1.4; or CMBST |

U389

Triallate.10

|  |  |  |  |
| --- | --- | --- | --- |
| Triallate | 2303-17-5 | 0.042; or CMBST, CHOXD, BIODG or CARBN | 1.4; or CMBST |

U394

A2213.10

|  |  |  |  |
| --- | --- | --- | --- |
| A2213 | 30558-43-1 | 0.042; or CMBST, CHOXD, BIODG or CARBN | 1.4; or CMBST |

U395

Diethylene glycol, dicarbamate.10

|  |  |  |  |
| --- | --- | --- | --- |
| Diethylene glycol, dicarbamate | 5952-26-1 | 0.056; or CMBST, CHOXD, BIODG or CARBN | 1.4; or CMBST |

U404

Triethylamine.10

|  |  |  |  |
| --- | --- | --- | --- |
| Triethylamine | 121-44-8 | 0.081; or CMBST, CHOXD, BIODG or CARBN | 1.5; or CMBST |

U409

Thiophanate-methyl.10

|  |  |  |  |
| --- | --- | --- | --- |
| Thiophanate-methyl | 23564-05-8 | 0.056; or CMBST, CHOXD, BIODG or CARBN | 1.4; or CMBST |

U410

Thiodicarb.10

|  |  |  |  |
| --- | --- | --- | --- |
| Thiodicarb | 59669-26-0 | 0.019; or CMBST, CHOXD, BIODG or CARBN | 1.4; or CMBST |

U411

Propoxur.10

|  |  |  |  |
| --- | --- | --- | --- |
| Propoxur | 114-26-1 | 0.056; or CMBST, CHOXD, BIODG or CARBN | 1.4; 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 USEPA hazardous waste number 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, "Technology Codes and Descriptions of Technology-Based Standards". "fb" inserted between USEPA hazardous waste numbers 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/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, unless the waste is placed in either of the following types of facilities:

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

b) A dedicated RCRA Subtitle C landfill cell in which all other wastes being co-disposed are at pH≤6.0.

BOARD NOTE: Derived from table to 40 CFR 268.40 (2017).

NA means not applicable.

(Source: Amended at 42 Ill. Reg. 24924, effective November 19, 2018)