

US EPA ARCHIVE DOCUMENT

US EPA ARCHIVE DOCUMENT

| Waste Code | Waste Description and Treatment/Regulatory Subcategory* | REGULATED HAZARDOUS CONSTITUENT | | WASTEWATERS | | NONWASTEWATERS |
|------------|---|---|-------------|---|---|--|
| | | Common Name | CAS* Number | Concentration in mg/l; or Technology Code* | Concentration in mg/l; or Technology Code* | Concentration in mg/kg unless noted as "mg/l TCLP"; or Technology Code |
| F037 | Petroleum refinery primary oil/water/solids separation sludge-Any sludge generated from the gravitational separation of oil/water/holds 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; aurns; 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 1281.31(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 the listing. | Acenaphthene | 83-32-9 | 0.059 | NA | |
| | | Anthracene | 120-12-7 | 0.058 | 3.4 | |
| | | Benzene | 71-43-2 | 0.14 | 10 | |
| | | Benz[a]anthracene | 56-55-3 | 0.058 | 3.4 | |
| | | Benzol[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 | 0.058 | 5.6 | |
| | | Phenanthrene | 85-01-8 | 0.059 | 5.6 | |
| | | Phenol | 108-95-2 | 0.038 | 6.2 | |
| | | Pyrene | 129-00-0 | 0.067 | 8.2 | |
| | | Toluene | 108-88-3 | 0.080 | 10 | |
| | | Xylenes-mixed isomers (aurn of o-, m-, and p-xylyne concentrations) | 1330-20-7 | 0.32 | 30 | |
| | | Chromium (Total) | 7440-47-3 | 2.77 | 0.86 mg/l TCLP | |
| | | Cyanides (Total) | 57-12-5 | 1.2 | 590 | |
| | | Lead | 7438-92-1 | 0.69 | NA | |
| | | Nickel | 7440-02-0 | NA | 5.0 mg/l TCLP | |
| F038 | Petroleum refinery secondary (smelted) oil/water/holds separation sludge and/or float generated from the physical and/or chemical separation of oil/water/holds 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 flotation (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 1281.31(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 the listing. | Benzene | 71-43-2 | 0.14 | 10 | |
| | | Benzol[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 | 0.058 | NA | |
| | | Naphthalene | 91-20-3 | 0.059 | 5.6 | |

| Waste Code | Waste Description and Treatment/Regulatory Subcategory | REGULATED HAZARDOUS CONSTITUENT | | WASTEWATERS | NONWASTEWATERS |
|------------|--|--|-------------|--|--|
| | | Common Name | CAS# Number | Concentration in mg/l ¹ or Technology Code ² | Concentration in mg/kg ³ unless noted as "mg/l TCLP" or Technology Code |
| F039 | Leachate (liquids that have percolated through land disposed wastes) resulting from the disposal of more than one restricted waste classified as hazardous under subpart D of this part. (Leachate resulting from the disposal of one or more of the following EPA Hazardous Waste and no other Hazardous Waste retains its EPA Hazardous Waste Number(s): F020, F021, F022, F028, F027, and/or F028.) | 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 | 0.86 mg/l TCLP |
| | | Cyanides (Total) | 57-12-5 | 1.2 | 590 |
| | | Lead | 7439-92-1 | 0.69 | NA |
| | | Nickel | 7440-02-0 | NA | 5.0 mg/l TCLP |
| | | Acenaphthylene | 208-96-8 | 0.059 | 3.4 |
| | | Acenaphthene | 83-32-8 | 0.059 | 3.4 |
| | | Acetone | 67-64-1 | 0.28 | 160 |
| | | Acetonitrile | 75-05-8 | 5.8 | NA |
| | | Acetophenone | 86-86-2 | 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 | 308-00-2 | 0.021 | 0.066 |
| | | 4-Aminobiphenyl | 82-67-1 | 0.13 | NA |
| | | Aniline | 62-53-3 | 0.61 | 14 |
| Anthracene | 120-12-7 | 0.059 | 3.4 | | |
| Aramite | 140-57-8 | 0.36 | NA | | |
| alpha-BHC | 319-84-6 | 0.00014 | 0.066 | | |
| beta-BHC | 319-85-7 | 0.00014 | 0.066 | | |
| delta-BHC | 319-86-8 | 0.023 | 0.066 | | |
| gamma-BHC | 58-89-9 | 0.0017 | 0.066 | | |
| Benzene | 71-43-2 | 0.14 | 10 | | |
| Benzofuran | 56-55-3 | 0.059 | 3.4 | | |

| Waste Code | Waste Description and Treatment/Regulatory Subcategory | REGULATED HAZARDOUS CONSTITUENT | | WASTEWATERS Concentration in mg/l; or Technology Code* | NONWASTEWATERS Concentration in g/kg; unless noted as "m", "TCLP", or Technology Code |
|------------|--|---|-------------|--|--|
| | | Common Name | CAS* Number | | |
| | | Benzobifluoranthene (difficult to distinguish from benzofluoranthene) | 205-89-2 | 0.11 | 6.8 |
| | | Benzofluoranthene (difficult to distinguish from benzobifluoranthene) | 207-08-8 | 0.11 | 6.8 |
| | | Benzol(g,h,i)perylene | 181-24-2 | 0.0055 | 1.8 |
| | | Benzol(a)pyrene | 50-32-8 | 0.061 | 3.4 |
| | | Bromodichloromethane | 75-27-4 | 0.35 | 15 |
| | | Methyl bromide (Bromomethane) | 74-83-8 | 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 (alpha and gamma isomers) | 57-74-8 | 0.0033 | 0.26 |
| | | p-Chloroaniline | 108-47-8 | 0.48 | 16 |
| | | Chlorobenzene | 108-90-7 | 0.057 | 6.0 |
| | | Chlorobenzoate | 510-15-6 | 0.10 | NA |
| | | 2-Chloro-1,3-butadiene | 128-98-8 | 0.057 | NA |
| | | Chlorobromomethane | 124-48-1 | 0.057 | 15 |
| | | Chloroethane | 75-00-3 | 0.27 | 6.0 |
| | | bis(2-Chloroethoxy)methane | 111-81-1 | 0.038 | 7.2 |
| | | bis(2-Chloroethyl)ether | 111-44-4 | 0.033 | 6.0 |
| | | Chloroform | 67-66-3 | 0.046 | 6.0 |
| | | bis(2-Chloro-propoxy)ether | 108-60-1 | 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 | 91-59-7 | 0.055 | 5.6 |
| | | 2-Chlorophenol | 85-57-8 | 0.044 | 5.7 |

| Waste Code | Waste Description and Treatment/Regulatory Subcategory ¹ | REGULATED HAZARDOUS CONSTITUENT | | WASTEWATERS Concentration in mg/l; or Technology Code ² | NONWASTEWATERS Concentration in ppb/g ³ unless noted as "mg/l TCLP" or Technology Code |
|------------|---|--|-------------------------|--|--|
| | | Common Name | CAS ⁴ Number | | |
| | | 3-Chloropropylene | 107-05-1 | 0.036 | 30 |
| | | Chrysene | 218-019 | 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) | 108-44-5 | 0.77 | 5.6 |
| | | Cyclohexanone | 108-84-1 | 0.38 | 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 | 3424-82-8 | 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 | 50-28-3 | 0.0038 | 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 |

US EPA ARCHIVE DOCUMENT
TREATMENT STANDARDS FOR HAZARDOUS WASTES

| Waste Code | Waste Description and Treatment/Regulatory Subcategory | REGULATED HAZARDOUS CONSTITUENT | | WASTEWATERS Concentration in mg/l; or Technology Code* | NONWASTEWATERS Concentration in mg/kg ¹ unless noted as "mg, TCLP"; or Technology Code |
|------------|--|--|-------------------------|--|--|
| | | Common Name | CAS ¹ Number | | |
| | | 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 | 0.038 | 18 |
| | | Dieldrin | 60-57-1 | 0.017 | 0.13 |
| | | Diethyl phthalate | 84-66-2 | 0.20 | 28 |
| | | 2,4-Dimethyl phenol | 105-67-8 | 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-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-propyltolosamine | 821-64-7 | 0.40 | 14 |
| | | 1,4-Dioxane | 123-91-1 | NA | 170 |
| | | Diphenylamine (difficult to distinguish from diphenylrosamine) | 122-39-4 | 0.82 | NA |
| | | Diphenylrosamine (difficult to distinguish from diphenylamine) | 88-30-6 | 0.92 | NA |
| | | 1,2-Diphenylhydrazine | 122-66-7 | 0.087 | NA |
| | | Disulfoton | 298-04-4 | 0.017 | 6.2 |
| | | Endosulfan I | 839-88-8 | 0.023 | 0.066 |
| | | Endosulfan II | 33213-6-5 | 0.029 | 0.13 |
| | | Endosulfan sulfate | 1-31-07-8 | 0.028 | 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 |

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|------------|--|--|-------------|--|---|
| | | Common Name | CAS' Number | | |
| | | 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 | 97-83-2 | 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 |
| | | Heptachlor epoxide | 1024-57-3 | 0.018 | 0.066 |
| | | Hexachlorobenzene | 118-74-1 | 0.055 | 10 |
| | | Hexachlorobutadiene | 87-68-3 | 0.055 | 5.8 |
| | | Hexachlorocyclopentadiene | 77-47-4 | 0.057 | 2.4 |
| | | HxCDDs (All Hexachlorodibenzo-p-dioxins) | NA | 0.000063 | 0.001 |
| | | HxCDFs (All Hexachlorodibenzofurans) | NA | 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 | 485-73-6 | 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 |
| | | Methpyrene | 91-80-5 | 0.081 | 1.5 |
| | | Methoxychlor | 72-43-5 | 0.25 | 0.18 |

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|------------|--|---|-------------|--|---|
| | | Common Name | CAS# Number | | |
| | | 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 | 86-82-6 | 0.14 | 160 |
| | | Methyl methanesulfonate | 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 | 98-55-8 | 0.32 | 28 |
| | | p-Nitrophenol | 100-02-7 | 0.12 | 29 |
| | | N-Nitrosodichloroethane | 55-18-5 | 0.40 | 28 |
| | | N-Nitrosodimethylamine | 62-75-9 | 0.40 | NA |
| | | N-Nitroso-di-n-butylamine | 924-18-3 | 0.40 | 17 |
| | | N-Nitrosodimethylamine | 10595-95-8 | 0.40 | 2.3 |
| | | N-Nitrosomorpholine | 59-88-2 | 0.40 | 2.3 |
| | | N-Nitrosopiperidine | 100-75-4 | 0.013 | 35 |
| | | N-Nitrosopyrrolidine | 930-55-2 | 0.013 | 35 |
| | | 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 Pentachlorobenzop-dioxins) | NA | 0.000063 | 0.001 |
| | | PeCDFs (All Pentachlorobenzofurans) | NA | 0.000035 | 0.001 |
| | | Pentachloronitrobenzene | 82-68-8 | 0.055 | 4.0 |
| | | Pentachlorophenol | 87-86-5 | 0.089 | 7.4 |

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|------------|--|--|-------------------------|--|---|
| | | Common Name | CAS ¹ Number | | |
| | | Phenacetin | 62-44-2 | 0.081 | 16 |
| | | Phenanthrene | 85-01-8 | 0.059 | 5.6 |
| | | Phenol | 108-95-2 | 0.039 | 6.2 |
| | | Phosphate | 298-02-2 | 0.021 | 4.8 |
| | | Phthalic anhydride | 85-44-8 | 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 |
| | | Sulfole | 94-59-7 | 0.081 | 22 |
| | | Silvex (2,4,5-TP) | 93-72-1 | 0.72 | 7.8 |
| | | 2,4,5-T | 83-76-5 | 0.72 | 7.8 |
| | | 1,2,4,5-Tetrachlorobenzene | 95-84-3 | 0.055 | 14 |
| | | TCDDs (All Tetrachlorodibenzo-p-dioxins) | NA | 0.000063 | 0.001 |
| | | TCDFs (All Tetrachlorodibenzofurans) | NA | 0.000083 | 0.001 |
| | | 1,1,1,2-Tetrachloroethane | 630-20-6 | 0.057 | 6.0 |
| | | 1,1,1,2,2-Tetrachloroethane | 79-34-6 | 0.057 | 6.0 |
| | | Tetrachloroethylene | 127-18-4 | 0.058 | 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 |
| | | Bromolam (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 |
| | | Trichloromono-fluoromethane | 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 |

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|------------|---|---|-------------|---|---|
| | | Common Name | CAS# Number | | |
| | | 1,2,3-Trichloropropane | 98-18-4 | 0.95 | 30 |
| | | 1,1,2-Trichloro-1,2,2-trifluoroethane | 76-13-1 | 0.057 | 30 |
| | | Tri(1,2-Dibromopropyl) phosphate | 126-72-7 | 0.11 | NA |
| | | Vinyl chloride | 75-01-4 | 0.27 | 8.0 |
| | | Hydrazine-based isomers (each of o-, m-, and p-isomers concentrations) | 1330-20-7 | 0.32 | 30 |
| | | Antimony | 7440-36-0 | 1.9 | 2.1 mg/l TCLP |
| | | Arsenic | 7440-38-2 | 1.4 | 5.0 mg/l TCLP |
| | | Barium | 7440-39-3 | 1.2 | 7.8 mg/l TCLP |
| | | Beryllium | 7440-41-7 | 0.82 | NA |
| | | Cadmium | 7440-43-9 | 0.69 | 0.19 mg/l TCLP |
| | | Chromium (Total) | 7440-47-3 | 2.77 | 0.88 mg/l TCLP |
| | | Cyanides (Total) | 57-12-5 | 1.2 | 590 |
| | | Cyanides (Ammoniacal) | 57-12-5 | 0.88 | NA |
| | | Fluoride | 18864-48-8 | 35 | NA |
| | | Lead | 7439-92-1 | 0.88 | 0.37 mg/l TCLP |
| | | Mercury | 7439-97-6 | 0.15 | 0.025 mg/l TCLP |
| | | Nickel | 7440-02-0 | 3.88 | 5.0 mg/l TCLP |
| | | Selenium | 7782-49-2 | 0.82 | 0.16 mg/l TCLP |
| | | Silver | 7440-22-4 | 0.43 | 0.30 mg/l TCLP |
| | | Sulfide | 8496-25-8 | 14 | NA |
| | | Thallium | 7440-28-0 | 1.4 | NA |
| | | Vanadium | 7440-62-2 | 4.3 | NA |
| | | Naphthalene | 81-20-3 | 0.059 | 5.8 |
| | | Pentachlorodiphenyl | 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 |
| K001 | Bottom sediment sludge from the treatment of wastewaters from wood preserving processes that use creosote and/or pentachlorophenol. | | | | |

| Waste Code | Waste Description and Treatment/Regulatory Subcategory ¹ | REGULATED HAZARDOUS CONSTITUENT | | | WASTEWATERS | | NONWASTEWATERS | |
|------------|---|---|-------------------------|--|--|---|----------------|--|
| | | Common Name | CAS ² Number | Concentration in mg/l ³ or Technology Code ⁴ | Concentration in mg/l ³ or Technology Code ⁴ | Concentration in mg/l ³ unless noted as "mg/l TCLP" or Technology Code | | |
| | | Xylenes-mixed isomers (sum of o-, m-, and p-isomers concentrations) | 1330-20-7 | 0.32 | | 30 | | |
| | | Lead | 7439-92-1 | 0.69 | | 0.37 mg/l TCLP | | |
| K002 | Wastewater treatment sludge from the production of chrome yellow and orange pigments. | Chromium (Total) | 7440-47-3 | 2.77 | | 0.86 mg/l TCLP | | |
| | | Lead | 7439-92-1 | 0.69 | | 0.37 mg/l TCLP | | |
| K003 | Wastewater treatment sludge from the production of molybdate orange pigments. | Chromium (Total) | 7440-47-3 | 2.77 | | 0.86 mg/l TCLP | | |
| | | Lead | 7439-92-1 | 0.69 | | 0.37 mg/l TCLP | | |
| K004 | Wastewater treatment sludge from the production of zinc yellow pigments. | Chromium (Total) | 7440-47-3 | 2.77 | | 0.86 mg/l TCLP | | |
| | | Lead | 7439-92-1 | 0.69 | | 0.37 mg/l TCLP | | |
| K005 | Wastewater treatment sludge from the production of chrome green pigments. | Chromium (Total) | 7440-47-3 | 2.77 | | 0.86 mg/l TCLP | | |
| | | Lead | 7439-92-1 | 0.69 | | 0.37 mg/l TCLP | | |
| K006 | Wastewater treatment sludge from the production of chrome oxide green pigments (anhydrous). | Chromium (Total) | 7440-47-3 | 2.77 | | 0.86 mg/l TCLP | | |
| | | Lead | 7439-92-1 | 0.69 | | 0.37 mg/l TCLP | | |
| | | Chromium (Total) | 7440-47-3 | 2.77 | | 0.86 mg/l TCLP | | |
| | | Lead | 7439-92-1 | 0.69 | | 0.37 mg/l TCLP | | |
| K007 | Wastewater treatment sludge from the production of iron blue pigments. | Chromium (Total) | 7440-47-3 | 2.77 | | 0.86 mg/l TCLP | | |
| | | Lead | 7439-92-1 | 0.69 | | 0.37 mg/l TCLP | | |
| | | Cyanides (Total) ¹ | 57-12-5 | 1.2 | | 590 | | |
| | | Chromium (Total) | 7440-47-3 | 2.77 | | 0.86 mg/l TCLP | | |
| | | Lead | 7439-92-1 | 0.69 | | 0.37 mg/l TCLP | | |
| K008 | Oven residue from the production of chrome oxide green pigments. | Chromium (Total) | 7440-47-3 | 2.77 | | 0.86 mg/l TCLP | | |
| | | Lead | 7439-92-1 | 0.69 | | 0.37 mg/l TCLP | | |
| | | Chloroform | 67-66-3 | 0.048 | | 6.0 | | |
| 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. | Acetonitrile | 75-05-8 | 5.6 | | 1.8 | | |
| | | 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 | | 1.8 | | |

| Waste Code | Waste Description and Treatment/Regulatory Subcategory | REGULATED HAZARDOUS CONSTITUENT | | WASTEWATERS Concentration in mg/l; or Technology Code* | NONWASTEWATERS Concentration in mg/kg, unless noted as "mg/l TCLP"; or Technology Code |
|------------|---|---|-------------|--|---|
| | | Common Name | CAS' Number | | |
| K014 | Bottoms from the acrylonitrile purification column in the production of acrylonitrile. | 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 |
| | | Acetonitrile | 75-05-8 | 5.6 | 1.8 |
| | | 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 |
| | | Aniline | 120-12-7 | 0.059 | 3.4 |
| | | Benzal chloride | 98-87-3 | 0.055 | 6.0 |
| | | Benzotrifluoromethane (difficult to distinguish from benzotrifluorobenzene) | 205-88-2 | 0.11 | 6.8 |
| K015 | Still bottoms from the distillation of benzyl chloride. | Benzotrifluoromethane (difficult to distinguish from benzotrifluorobenzene) | 207-08-9 | 0.11 | 6.8 |
| | | Phenanthrene | 85-01-8 | 0.059 | 5.8 |
| | | Toluene | 108-88-3 | 0.080 | 10 |
| | | Chromium (Total) | 7440-47-3 | 2.77 | 0.88 mg/l TCLP |
| | | Nickel | 7440-02-0 | 3.88 | 5.0 mg/l TCLP |
| | | 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 |
| | | bis(2-Chloroethyl)ether | 111-44-4 | 0.033 | 6.0 |
| | | 1,2-Dichloropropane | 78-87-5 | 0.85 | 18 |
| K017 | Heavy ends (still bottoms) from the purification column in the production of epichlorohydrin. | 1,2,3-Trichloropropane | 96-18-4 | 0.85 | 30 |
| | | Chloroethane | 75-00-3 | 0.27 | 6.0 |
| K018 | Heavy ends from the fractionation column in ethyl-chloride production. | Chloromethane | 74-87-3 | 0.19 | NA |

| Waste Code | Waste Description and Treatment/Regulatory Subcategory | REGULATED HAZARDOUS CONSTITUENT | | WASTEWATERS Concentration in mg/l; or Technology Code ⁴ | NONWASTEWATERS Concentration in mg/kg ⁵ unless noted as "mg/l TCLP"; or Technology Code |
|------------|--|---------------------------------|-------------------------|--|---|
| | | Common Name | CAS ⁶ Number | | |
| K019 | Heavy ends from the distillation of ethylene dichloride in ethylene dichloride production. | 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 | 87-72-1 | 0.055 | 30 |
| | | Pentachloroethane | 78-01-7 | NA | 6.0 |
| | | 1,1,1-Trichloroethane | 71-55-6 | 0.054 | 6.0 |
| | | bis(2-Chloroethyl)ether | 111-44-4 | 0.033 | 6.0 |
| | | Chlorobenzene | 108-90-7 | 0.057 | 6.0 |
| | | Chloroform | 87-69-3 | 0.048 | 6.0 |
| | | p-Dichlorobenzene | 106-48-7 | 0.090 | NA |
| | | 1,2-Dichloroethane | 107-06-2 | 0.21 | 6.0 |
| | | Fluorene | 86-73-7 | 0.059 | NA |
| | | Hexachloroethane | 87-72-1 | 0.055 | 30 |
| | | Naphthalene | 81-20-3 | 0.099 | 5.6 |
| | | Phenanthrene | 85-01-8 | 0.058 | 5.6 |
| | | 1,2,4,5-Tetrachlorobenzene | 85-84-3 | 0.055 | NA |
| K020 | Heavy ends from the distillation of vinyl chloride in vinyl chloride monomer production. | 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 |
| | | 1,2-Dichloroethane | 107-06-2 | 0.21 | 6.0 |
| | | 1,1,2,2-Tetrachloroethane | 76-34-6 | 0.057 | 6.0 |
| | | Tetrachloroethylene | 127-18-4 | 0.056 | 6.0 |
| | | Carbon tetrachloride | 56-23-5 | 0.057 | 6.0 |
| | | Chloroform | 67-68-3 | 0.046 | 6.0 |
| | | Arsimony | 7440-36-0 | 1.9 | 2.1 mg/l TCLP |
| | | Toluene | 108-88-3 | 0.080 | 10 |
| K021 | Aqueous spent antimony catalyst waste from fluoromethanes production. | Acetophenone | 96-66-2 | 0.010 | 9.7 |
| | | | | | |
| K022 | Distillation bottom tars from the production of phenol/sulfone from cumene. | | | | |
| | | | | | |

| Waste Code | Waste Description and Treatment/Regulatory Subcategory ¹ | REGULATED HAZARDOUS CONSTITUENT | | WASTEWATERS Concentration in mg/l; or Technology Code ² | NONWASTEWATERS Concentration in mg/kg ³ unless noted as "mg/l TCLP"; or Technology Code |
|------------|--|---|-------------------------|--|---|
| | | Common Name | CAS ⁴ Number | | |
| K023 | Distillation light ends from the production of phthalic anhydride from naphthalene. | Diphenylamine (difficult to distinguish from diphenylnitrosamine) | 22-39-4 | 0.92 | 13 |
| | | Diphenylnitrosamine (difficult to distinguish from diphenylamine) | 66-30-6 | 0.82 | 13 |
| | | Phenol | 108-95-2 | 0.038 | 6.2 |
| | | Chromium (Total) | 7440-47-3 | 2.77 | 0.86 mg/l TCLP ³ |
| | | Nickel | 7440-02-0 | 3.98 | 5.0 mg/l TCLP |
| | | Phthalic anhydride (measured as Phthalic acid) | 100-21-0 | 0.055 | 28 |
| | | Phthalic anhydride | 85-44-9 | 0.055 | 28 |
| | | Phthalic anhydride (measured as Phthalic acid) | 100-21-0 | 0.055 | 28 |
| | | Phthalic anhydride | 85-44-9 | 0.055 | 28 |
| | | NA | NA | NA | LLEXT IS SSTRP IS CARBN; or INCIN |
| K024 | Distillation bottoms from the production of phthalic anhydride from naphthalene. | NA | NA | INCIN | INCIN |
| | | NA | NA | CARBN; or INCIN | CMBST |
| K025 | Distillation bottoms from the production of nitrobenzene by the nitration of benzene. | 1,1-Dichloroethane | 75-34-3 | 0.059 | 6.0 |
| | | trans-1,2-Dichloroethylene | 156-80-8 | 0.054 | 3.0 |
| K026 | Stripping still tails from the production of methyl ethyl pyridines. | Hexachlorobutadiene | 87-86-3 | 0.055 | 5.8 |
| | | Hexachloroethane | 67-72-1 | 0.055 | 3.0 |
| K027 | Centrifuge and distillation residues from toluene diisocyanate production. | Pentachloroethane | 76-01-7 | NA | 6.0 |
| | | 1,1,1,2-Tetrachloroethane | 830-20-8 | 0.057 | 6.0 |
| K028 | Spent catalyst from the hydrochlorinator res ³ or in the production of 1,1,1-trichloroethane. | 1,1,2,2-Tetrachloroethane | 79-34-6 | 0.057 | 6.0 |
| | | Tetrachloroethylene | 127-18-4 | 0.058 | 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 | 7440-43-8 | 0.69 | NA |
| | | Chromium (Total) | 7440-47-3 | 2.77 | 0.86 mg/l TCLP |
| | | Lead | 7439-92-1 | 0.89 | 0.37 mg/l TCLP |
| | | Nickel | 7440-02-0 | 3.88 | 5.0 mg/l TCLP |

| Waste Code | Waste Description and Treatment/Regulatory Subcategory | REGULATED HAZARDOUS CONSTITUENT | | | WASTEWATERS | NONWASTEWATERS |
|------------|--|--|-------------|--|---|----------------|
| | | Common Name | CAS# Number | Concentration in mg/l; or Technology Code | Concentration in mg/kg, unless noted as "mg/l TCLP"; or Technology Code | |
| 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 | |
| | | o-Dichlorobenzene | 95-50-1 | 0.088 | NA | |
| | | p-Dichlorobenzene | 108-46-7 | 0.090 | NA | |
| | | Hexachlorobutadiene | 67-68-3 | 0.055 | 5.6 | |
| | | Hexachloroethane | 67-72-1 | 0.055 | 30 | |
| | | Hexachlorocyclopentadiene | 1888-71-7 | NA | 30 | |
| K030 | Column bodies or heavy ends from the combined production of trichloroethylene and perchloroethylene. | Pentachlorobenzene | 608-93-5 | NA | 10 | |
| | | Pentachloroethane | 76-01-7 | NA | 6.0 | |
| | | 1,2,4,5-Tetrachlorobenzene | 85-94-3 | 0.055 | 14 | |
| | | Tetrachloroethylene | 127-18-4 | 0.056 | 6.0 | |
| | | 1,2,4-Trichlorobenzene | 120-82-1 | 0.055 | 19 | |
| | | Arsenic | 7440-38-2 | 1.4 | 8.0 mg/l TCLL | |
| | | Hexachlorocyclopentadiene | 77-47-4 | 0.057 | 2.4 | |
| | | Chloroethene (alpha and gamma isomers) | 57-74-9 | 0.0033 | 0.26 | |
| | | Heptachlor | 76-44-8 | 0.0012 | 0.066 | |
| | | Heptachlor epoxide | 1024-57-3 | 0.019 | 0.069 | |
| K033 | Wastewater and scrub water from the chlorination of cyclopentadiene in the production of chloroethene. | Hexachlorocyclopentadiene | 77-47-4 | 0.057 | 2.4 | |
| | | Hexachlorocyclopentadiene | 77-47-4 | 0.057 | 2.4 | |
| K034 | Filter solids from the filtration of hexachlorocyclopentadiene in the production of chloroethene. | Hexachlorocyclopentadiene | 77-47-4 | 0.057 | 2.4 | |
| | | Hexachlorocyclopentadiene | 77-47-4 | 0.057 | 2.4 | |
| K035 | Wastewater treatment sludge generated in the production of creosote. | Acenaphthene | 83-32-9 | NA | 3.4 | |
| | | Anthracene | 120-12-7 | NA | 3.4 | |
| | | Benzo(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 | |

| Waste Code | Waste Description and Treatment/Regulatory Subcategory ¹ | REGULATED HAZARDOUS CONSTITUENT | | WASTEWATERS | | NONWASTEWATERS |
|------------|---|--|-------------------------|--|--|---|
| | | Common Name | CAS ² Number | Concentration in mg/l ³ or Technology Code ⁴ | Concentration in mg/l ³ or Technology Code ⁴ | Concentration in mg/kg ⁵ unless noted as "mg/l TCLP"; or Technology Code |
| | | o-Cresol | 95-48-7 | 0.11 | 0.11 | 5.6 |
| | | m-Cresol (difficult to distinguish from p-cresol) | 108-38-4 | 0.77 | 0.77 | 5.8 |
| | | p-Cresol (difficult to distinguish from m-cresol) | 108-44-5 | 0.77 | 0.77 | 5.6 |
| | | Oibenzil Naphthalene | 53-70-3 | NA | NA | 8.2 |
| | | Fluoranthene | 208-44-0 | 0.088 | 0.088 | 3.4 |
| | | Fluorene | 88-73-7 | NA | NA | 3.4 |
| | | Indeno[1,2,3-cd]pyrene | 193-39-5 | NA | NA | 3.4 |
| | | Naphthalene | 91-20-3 | 0.059 | 0.059 | 5.6 |
| | | Phenanthrene | 85-01-8 | 0.059 | 0.059 | 5.8 |
| | | Phenol | 108-95-2 | 0.038 | 0.038 | 6.2 |
| | | Pyrene | 129-00-0 | 0.087 | 0.087 | 8.2 |
| K036 | Sludges from tarbans reclamation distillation in the production of diisoflon. | Diisoflon | 298-04-4 | 0.017 | 0.017 | 6.2 |
| K037 | Wastewater treatment sludges from the production of diisoflon. | Diisoflon | 298-04-4 | 0.017 | 0.017 | 6.2 |
| K038 | Wastewater from the washing and stripping of phorate production. | Toluene | 108-88-3 | 0.080 | 0.080 | 10 |
| K039 | Filter cake from the filtration of diethylphosphorothioic acid in the production of phorate. | Phorate | 298-02-2 | 0.021 | 0.021 | 4.8 |
| K040 | Wastewater treatment sludge from the production of phorate. | NA | NA | CARBEN; or INCIN | | CMBST |
| K041 | Wastewater treatment sludge from the production of toxaphene. | Phorate | 298-02-2 | 0.021 | 0.021 | 4.6 |
| K042 | Heavy ends or distillation residues from the distillation of tetrachlorobenzene in the production of 2,4,5-T. | Toxaphene | 8001-35-2 | 0.095 | 0.095 | 2.6 |
| | | o-Dichlorobenzene | 95-50-1 | 0.088 | 0.088 | 6.0 |
| | | p-Dichlorobenzene | 106-48-7 | 0.090 | 0.090 | 6.0 |
| | | Pentachlorobenzene | 608-93-5 | 0.055 | 0.055 | 10 |
| | | 1,2,4,5-Tetrachlorobenzene | 95-94-3 | 0.055 | 0.055 | 14 |
| | | 1,2,4-Trichlorobenzene | 120-82-1 | 0.055 | 0.055 | 19 |
| K043 | 2,6-Dichlorophenol waste from the production of 2,4-D. | 2,4-Dichlorophenol | 120-83-2 | 0.044 | 0.044 | 14 |
| | | 2,6-Dichlorophenol | 187-85-0 | 0.044 | 0.044 | 14 |
| | | 2,4,5-Trichlorophenol | 95-95-4 | 0.18 | 0.18 | 7.4 |

| Waste Code | Waste Description and Treatment/Regulatory Subcategory ¹ | REGULATED HAZARDOUS CONSTITUENT | | | WASTEWATERS | NONWASTEWATERS |
|------------|---|---|-------------------------|--|--|--|
| | | Common Name | CAS ² Number | Concentration in mg/l ³ or Technology Code ⁴ | Concentration in mg/l ³ or Technology Code ⁴ | Concentration in mg/kg ⁵ unless noted as "mg/l TCLP" or Technology Code |
| | | 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 | 0.088 | 7.4 | |
| | | Tetrachloroethylene | 78-01-8 | 0.058 | 6.0 | |
| | | HxCDDs (All Hexachlorodibenzo-p-dioxins) | NA | 0.000063 | 0.001 | |
| | | HxCDFs (All Hexachlorodibenzofurans) | NA | 0.000063 | 0.001 | |
| | | PeCDDs (All Pentachlorodibenzo-p-dioxins) | NA | 0.000063 | 0.001 | |
| | | PeCDFs (All Pentachlorodibenzofurans) | NA | 0.000035 | 0.001 | |
| | | TCCDDs (All Tetrachlorodibenzo-p-dioxins) | NA | 0.000063 | 0.001 | |
| | | TCDFs (All Tetrachlorodibenzofurans) | NA | 0.000063 | 0.001 | |
| NA | NA | NA | DEACT | DEACT | | |
| NA | NA | NA | DEACT | DEACT | | |
| NA | NA | 7439-92-1 | 0.69 | 0.37 mg/l TCLP | | |
| NA | NA | NA | DEACT | DEACT | | |
| NA | NA | 71-43-2 | 0.14 | 10 | | |
| NA | NA | 50-32-8 | 0.081 | 3.4 | | |
| NA | NA | 117-81-7 | 0.28 | 28 | | |
| NA | NA | 218-01-8 | 0.059 | 3.4 | | |
| NA | NA | 84-74-2 | 0.057 | 28 | | |
| NA | NA | 100-41-4 | 0.057 | 10 | | |
| NA | NA | 86-73-7 | 0.059 | NA | | |
| NA | NA | 81-20-3 | 0.058 | 5.6 | | |
| NA | NA | 85-01-8 | 0.059 | 5.6 | | |
| NA | NA | 108-95-2 | 0.039 | 6.2 | | |
| NA | NA | 129-00-0 | 0.067 | 8.2 | | |
| NA | NA | 108-88-33 | 0.060 | 10 | | |
| NA | NA | 1330-20-7 | 0.32 | 30 | | |

| Waste Code | Waste Description and Treatment/Regulatory Subcategory | REGULATED HAZARDOUS CONSTITUENT | | WASTEWATERS Concentration in mg/l; or Technology Code* | NONWASTEWATERS Concentration in mg/kg unless noted as "mg/l TCLP"; or Technology Code |
|------------------|--|--|---|--|--|
| | | Common Name | CAS# Number | | |
| K049 | Slip oil emulsion solids from the petroleum refining industry. | Chromium (Total) | 7440-47-3 | 2.77 | 0.86 mg/l TCLP |
| | | Cyanides (Total) | 57-12-5 | 1.2 | 590 |
| | | Lead | 7439-92-1 | 0.89 | NA |
| | | Nickel | 7440-02-0 | NA | 5.0 mg/l TCLP |
| | | Anthracene | 120-12-7 | 0.059 | 3.4 |
| | | Benzene | 71-43-2 | 0.14 | 10 |
| | | Benzol(a)pyrene | 50-32-8 | 0.081 | 3.4 |
| | | bis(2-Ethylhexyl) phthalate | 117-81-7 | 0.28 | 28 |
| | | Carbon disulfide | 75-15-0 | 3.8 | NA |
| | | Chrysene | 2218-01-9 | 0.059 | 3.4 |
| | | 2,4-Dimethylphenol | 105-87-9 | 0.038 | 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 | 0.038 | 6.2 |
| | | Pyrene | 128-00-0 | 0.087 | 8.2 |
| | | Toluene | 108-88-3 | 0.080 | 10 |
| | | Xylene-mixed isomers (sum of o-, m-, and p-xylene concentrations) | 1330-20-7 | 0.32 | 90 |
| | | Cyanides (Total) | 57-12-5 | 1.2 | 590 |
| | | K050 | Heat exchanger bundle cleaning sludge from the petroleum refining industry. | Chromium (Total) | 7440-47-3 |
| Lead | 7439-92-1 | | | 0.69 | NA |
| Nickel | 7440-02-0 | | | NA | 5.0 mg/l TCLP |
| Benzol(a)pyrene | 50-32-8 | | | 0.061 | 3.4 |
| Phenol | 108-95-2 | | | 0.039 | 6.2 |
| Cyanides (Total) | 57-12-5 | | | 1.2 | 590 |
| Chromium (Total) | 7440-47-3 | | | 2.77 | 0.86 mg/l TCLP |
| Lead | 7439-92-1 | | | 0.69 | NA |
| Nickel | 7440-02-0 | | | NA | 5.0 mg/l TCLP |
| Benzol(a)pyrene | 50-32-8 | | | 0.061 | 3.4 |

| Waste Code | Waste Description and Treatment/Regulatory Subcategory ¹ | REGULATED HAZARDOUS CONSTITUENT | | WASTEWATERS Concentration in mg/l; or Technology Code ² | NONWASTEWATERS Concentration in mg/l; unless noted as "mg/l TCLP"; or Technology Code |
|------------|---|--|-------------------------|--|--|
| | | Common Name | CAS ³ Number | | |
| K051 | API separator sludge from the petroleum refining industry. | Acenaphthene | 83-32-9 | 0.059 | NA |
| | | Anthracene | 120-12-7 | 0.059 | 3.4 |
| | | Benzofluoranthene | 56-95-3 | 0.059 | 3.4 |
| | | Benzene | 71-43-2 | 0.14 | 10 |
| | | Benzolopyrene | 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 | 81-20-3 | 0.059 | 5.6 |
| | | Phenanthrene | 85-01-6 | 0.059 | 5.6 |
| | | Phenol | 108-95-2 | 0.039 | 6.2 |
| | | Pyrene | 129-00-0 | 0.067 | 8.2 |
| | | Toluene | 106-98-3 | 0.08 | 10 |
| | | Xylenes (mixed isomers (sum of o-, m-, and p-xylenes concentrations)) | 1330-20-7 | 0.32 | 30 |
| | | Cyanides (Total) ⁷ | 57-12-5 | 1.2 | 590 |
| | | Chromium (Total) | 7440-47-3 | 2.77 | 0.85 mg/l TCLP |
| | | Lead | 7439-92-1 | 0.69 | NA |
| | | Nickel | 7440-02-0 | NA | 5.0 mg/l TCLP |
| K052 | Tank bottoms (leached) from the petroleum refining industry. | Benzene | 71-43-2 | 0.14 | 10 |
| | | Benzolopyrene | 50-32-8 | 0.061 | 3.4 |
| | | o-Cresol | 95-49-7 | 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) | 108-44-5 | 0.77 | 5.6 |
| | | 2,4-Dimethylphenol | 105-67-9 | 0.036 | NA |
| | | Ethylbenzene | 100-41-4 | 0.057 | 10 |

TREATMENT STANDARDS FOR HAZARDOUS WASTES

| Waste Code | Waste Description and Treatment/Regulatory Subcategory | REGULATED HAZARDOUS CONSTITUENT | | WASTEWATERS | | NONWASTEWATERS |
|------------------|---|--|-------------|---|---|--|
| | | Common Name | CAS# Number | Concentration in mg/l or Technology Code* | Concentration in mg/l or Technology Code* | Concentration in mg/l unless noted as "mg/l TCLP" or Technology Code |
| K000 | Ammonia spill lime sludge from coating operations. | Naphthalene | 81-20-3 | 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 | | 16 |
| | | Xylene-mixed isomers (sum of m-, p-, and o-isomers concentrations) | 1330-20-7 | 0.32 | | 30 |
| | | Chromium (Total) | 7440-47-3 | 2.77 | | 0.86 mg/l TCLP |
| | | Cyanides (Total) | 57-12-5 | 1.2 | | 590 |
| | | Lead | 7439-92-1 | 0.69 | | NA |
| | | Nickel | 7440-02-0 | NA | | 5.6 mg/l TCLP |
| | | Benzene | 71-42-2 | 0.14 | | 10 |
| | | Benzofluoranthene | 50-32-8 | 0.061 | | 0.4 |
| | | Naphthalene | 81-20-3 | 0.059 | | 5.6 |
| | | Phenol | 108-95-2 | 0.039 | | 6.2 |
| | | Cyanides (Total) | 57-12-5 | 1.2 | | 590 |
| | | Antimony | 7440-28-0 | NA | | 2.1 mg/l TCLP |
| | | Arsenic | 7440-38-2 | NA | | 6.0 mg/l TCLP |
| | | Barium | 7440-39-3 | NA | | 7.6 mg/l TCLP |
| Beryllium | 7440-41-7 | NA | | 0.014 mg/l TCLP | | |
| Cadmium | 7440-43-8 | 0.69 | | 0.19 mg/l TCLP | | |
| Chromium (Total) | 7440-47-3 | 2.77 | | 0.86 mg/l TCLP | | |
| Lead | 7439-92-1 | 0.69 | | 0.37 mg/l TCLP | | |
| Mercury | 7439-97-8 | NA | | 0.025 mg/l TCLP | | |
| Nickel | 7440-02-0 | 3.86 | | 5.0 mg/l TCLP | | |
| Selenium | 7782-49-2 | NA | | 0.16 mg/l TCLP | | |
| Silver | 7440-22-4 | NA | | 0.30 mg/l TCLP | | |
| Thallium | NA | NA | | 0.078 mg/l TCLP | | |
| Zinc | 7440-66-6 | NA | | 5.3 mg/l TCLP | | |
| K001 | Emission control dust/sludge from the primary production of steel in electric furnaces. | | | | | |

| Waste Code | Waste Description and Treatment/Regulatory Subcategory ¹ | REGULATED HAZARDOUS CONSTITUENT | | WASTEWATERS Concentration in mg/l; or Technology Code ² | NONWASTEWATERS Concentration in mg/lg ¹ unless noted as "mg/l TCLP"; or Technology Code |
|------------|--|---|-------------------------|--|---|
| | | Common Name | CAS ³ Number | | |
| 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 | 0.86 mg/l TCLP |
| | | Lead | 7439-92-1 | 0.69 | 0.37 mg/l TCL |
| K069 | Emission control dust/sludge from secondary lead smelting. - Calcium Sulfate (Low Lead) Subcategory | Nickel | 7440-02-0 | 3.98 | NA |
| | | Cadmium | 7440-43-9 | 0.69 | 0.19 mg/l TCLP |
| K071 | Emission control dust/sludge from secondary lead smelting. - Non-Calcium Sulfate (High Lead) Subcategory | Lead | 7439-92-1 | 0.69 | 0.37 mg/l TCLP |
| | | NA | NA | NA | RELEAD |
| 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 |
| | | Mercury | 7439-97-6 | NA | 0.025 mg/l TCLP |
| K073 | Chlorinated hydrocarbon waste from the purification step of the diaphragm cell process using graphite anodes in chlorine production. | Mercury | 7439-97-6 | 0.15 | NA |
| | | Carbon tetrachloride | 56-23-5 | 0.057 | 6.0 |
| K083 | Distillation bottoms from aniline production. | Chloroform | 67-66-3 | 0.046 | 6.0 |
| | | Hexachloroethane | 67-72-1 | 0.055 | 30 |
| K084 | Wastewater treatment sludges generated during the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds. | Tetrachloroethylene | 127-18-4 | 0.056 | 6.0 |
| | | 1,1,1-Trichloroethane | 71-55-8 | 0.054 | 6.0 |
| K085 | Distillation or fractionation column bottoms from the production of chlorobenzenes. | Aniline | 62-53-3 | 0.91 | 14 |
| | | Benzene | 71-43-2 | 0.14 | 10 |
| K084 | Wastewater treatment sludges generated during the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds. | Cyclohexanone | 108-94-1 | 0.36 | NA |
| | | Diphenylamine (difficult to distinguish from diphenylnitrosamine) | 22-39-4 | 0.92 | 13 |
| K085 | Distillation or fractionation column bottoms from the production of chlorobenzenes. | Diphenylnitrosamine (difficult to distinguish from diphenylamine) | 86-30-6 | 0.92 | 13 |
| | | Nitrobenzene | 98-95-3 | 0.068 | 14 |
| K084 | Wastewater treatment sludges generated during the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds. | Phenol | 108-95-2 | 0.039 | 6.2 |
| | | Nickel | 7440-02-0 | 3.98 | 5.0 mg/l TCLP |
| K085 | Distillation or fractionation column bottoms from the production of chlorobenzenes. | Arsenic | 7440-38-2 | 1.4 | 5.0 mg/l TCLP |
| | | Benzene | 71-43-2 | 0.14 | 10 |

TREATMENT STANDARDS FOR HAZARDOUS WASTES

| Waste Code | Waste Description and Treatment/Regulatory Subcategory ¹ | REGULATED HAZARDOUS CONSTITUENT | | WASTEWATERS Concentration in mg/l, or Technology Code ⁴ | NONWASTEWATERS Concentration in mg/kg ³ , unless noted as "mg/L TCLP", or Technology Code ⁴ |
|------------------------|--|---|-------------------------|--|--|
| | | Common Name | CAS ² Number | | |
| K086 | Solvent wastes and sludges, caustic washes and sludges, or water washes and sludges from cleaning tanks and equipment used in the formulation of ink from pigments, driers, soaps, and stabilizers containing chromium and lead. | Chlorobenzene | 108-90-7 | 0.037 | 6.0 |
| | | m-Dichlorobenzene | 541-73-1 | 0.036 | 6.0 |
| | | o-Dichlorobenzene | 95-50-1 | 0.068 | 6.0 |
| | | p-Dichlorobenzene | 106-48-7 | 0.090 | 6.0 |
| | | Hexachlorobenzene | 118-74-1 | 0.055 | 10 |
| | | Total PCBs (sum of all PCB isomers, or all Aroclors) | 1336-38-3 | 0.10 | 10 |
| | | Pentachlorobenzene | 668-93-5 | 0.055 | 10 |
| | | 1,2,4,5-Tetrachlorobenzene | 99-94-3 | 0.055 | 14 |
| | | 1,2,4-Trichlorobenzene | 120-82-1 | 0.055 | 19 |
| | | Acetone | 67-64-1 | 0.28 | 160 |
| | | Acetophenone | 96-88-2 | 0.010 | 6.7 |
| | | butyl(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 |
| | | Cyclohexane | 108-94-1 | 0.38 | NA |
| | | o-Dichlorobenzene | 95-50-1 | 0.088 | 6.0 |
| | | Diethyl phthalate | 84-98-2 | 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 | 67-58-1 | 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 | 0.069 | 30 | | |
| Naphthalene | 91-20-3 | 0.059 | 5.6 | | |
| Nitrobenzene | 98-95-3 | 0.068 | 14 | | |

| Waste Code | Waste Description and Treatment/Regulatory Subcategory ¹ | REGULATED HAZARDOUS CONSTITUENT | | WASTEWATERS Concentration in mg/l; or Technology Code ² | NONWASTEWATERS Concentration in mg/kg ³ unless noted as "mg/l TCLP" or Technology Code |
|---|--|---|-------------------------|--|--|
| | | Common Name | CAS ⁴ Number | | |
| K087 | Decanter tank tar sludge from coking operations. | 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 | 0.88 mg/l TCLP |
| | | Cyanides (Total) ⁷ | 57-12-5 | 1.2 | 590 |
| | | Lead | 7439-82-1 | 0.69 | 0.37 mg/l TCLP |
| | | Acenaphthylene | 208-86-8 | 0.059 | 3.4 |
| | | Benzene | 71-43-2 | 0.14 | 10 |
| | | Chrysene | 218-01-9 | 0.059 | 3.4 |
| | | Fluoranthene | 208-44-0 | 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 | | |
| K093 | Distillation light ends from the production of phthalic anhydride from ortho-xylene. | Lead | 7439-82-1 | 0.69 | 0.37 mg/l TCLP |
| | | Phthalic anhydride (measured as Phthalic acid) | 100-21-0 | 0.055 | 28 |
| K094 | Distillation bottoms from the production of phthalic anhydride from ortho-xylene. | Phthalic anhydride | 85-44-9 | 0.055 | 28 |
| | | Phthalic anhydride (measured as Phthalic acid) | 100-21-0 | 0.055 | 28 |
| K095 | Distillation bottoms from the production of 1,1-trichloroethane. | Phthalic anhydride | 85-44-9 | 0.055 | 28 |
| | | 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 |
| | | 1,1,1,2,2-Tetrachloroethane | 78-34-6 | 0.057 | 6.0 |
| Tetrachloroethylene | 127-18-4 | 0.056 | 6.0 | | |

| Waste Code | Waste Description and Treatment/Regulatory Subcategory | REGULATED HAZARDOUS CONSTITUENT | | WASTEWATERS Concentration in mg/l; or Technology Code* | NONWASTEWATERS Concentration in mg/l; unless noted as "mg/l TCLP"; or Technology Code |
|------------|--|---|-------------|--|--|
| | | Common Name | CAS' Number | | |
| K086 | Heavy ends from the heavy ends column from the production of 1,1,1-trichloroethane. | 1,1,2-Trichloroethane | 79-00-5 | 0.054 | 6.0 |
| | | Trichloroethylene | 79-01-6 | 0.054 | 6.0 |
| | | m-Dichlorobenzene | 541-73-1 | 0.036 | 6.0 |
| | | Pentachloroethane | 78-01-7 | 0.055 | 6.0 |
| | | 1,1,1,2-Tetrachloroethane | 630-20-6 | 0.057 | 6.0 |
| | | 1,1,2,2-Tetrachloroethane | 78-34-6 | 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 |
| | | Chloroethane (alpha and gamma isomers) | 57-74-9 | 0.0033 | 0.26 |
| | | Heptachlor | 78-44-8 | 0.0012 | 0.066 |
| | | Heptachlor epoxide | 1024-57-3 | 0.016 | 0.066 |
| | | Hexachlorocyclopentadiene | 77-47-4 | 0.057 | 2.4 |
| K088 | Untreated process wastewater from the production of toxaphene. | Toxaphene | 8001-35-2 | 0.0095 | 2.6 |
| | | 2,4-Dichlorophenoxyacetic acid | 84-75-7 | 0.72 | 10 |
| K089 | Untreated wastewater from the production of 2,4-D. | HxCDDs (All Hexachlorodibenzo-p-dioxins) | NA | 0.000083 | 0.001 |
| | | HxCDFs (All Hexachlorodibenzofurans) | NA | 0.000063 | 0.001 |
| | | PeCDDs (All Pentachlorodibenzo-p-dioxins) | NA | 0.000063 | 0.001 |
| | | PeCDFs (All Pentachlorodibenzofurans) | NA | 0.000035 | 0.001 |
| | | TCDDs (All Tetrachlorodibenzo-p-dioxins) | NA | 0.000063 | 0.001 |
| | | TCDFs (All Tetrachlorodibenzofurans) | NA | 0.000063 | 0.001 |
| | | Cadmium | 7440-43-9 | 0.69 | 0.18 mg/l TCLP |
| | | Chromium (Total) | 7440-47-3 | 2.77 | 0.86 mg/l TCLP |
| | | Lead | 7439-92-1 | 0.69 | 0.37 mg/l TCLP |
| | | o-Nitroaniline | 88-74-4 | 0.27 | 14 |
| K100 | Waste leaching solution from acid leaching of emission control dust/sludge from secondary lead smelting. | Arsenic | 7440-38-2 | 1.4 | 5.0 mg/l TCLP |
| | | Cadmium | 7440-43-9 | 0.69 | NA |
| K101 | Distillation tar residues from the distillation of aniline-based compounds in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds. | | | | |

| Waste Code | Waste Description and Treatment/Regulatory Subcategory | REGULATED HAZARDOUS CONSTITUENT | | WASTEWATERS | | NONWASTEWATERS | |
|------------|---|---------------------------------|-------------|--|--|---|--|
| | | Common Name | CAS' Number | Concentration in mg/l ¹ or Technology Code ² | Concentration in mg/l ¹ or Technology Code ² | Concentration in mg/kg ¹ unless noted as mg/l TCLP ¹ or Technology Code | |
| | | 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 | 7440-43-8 | 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 | |
| | | 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) | 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 | | 6.7 | |
| | | o-Dichlorobenzene | 85-50-1 | 0.088 | | 6.0 | |
| | | p-Dichlorobenzene | 106-46-7 | 0.080 | | 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 | 68-06-2 | 0.075 | | 7.4 | |
| K106 | K106 (wastewater treatment sludge from the mercury cell process in chlorine production) nonwastewaters that contain greater than or equal to 280 mg/kg total mercury. | Mercury | 7439-97-6 | NA | | RMERC | |

| Waste Code | Waste Description and Treatment/Regulatory Subcategory ¹ | REGULATED HAZARDOUS CONSTITUENT | | WASTEWATERS Concentration in mg/l; or Technology Code ² | NONWASTEWATERS Concentration in mg/kg; unless noted as "mg/l TCLP"; or Technology Code ² |
|------------|---|--|-------------------------|--|--|
| | | Common Name | CAS ³ Number | | |
| | 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 |
| | 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 |
| | 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 | INCIN; or CHOXD fb CARBN; or BIODG fb CARBN | INCIN |
| 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 | INCIN; or CHOXD fb CARBN; or BIODG fb CARBN | INCIN |
| K109 | Spent filter cartridges from product purification from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazides. | NA | NA | INCIN; or CHOXD fb CARBN; or BIODG fb CARBN | INCIN |
| K110 | Condensed column overheads from intermediate separation from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazides. | NA | NA | INCIN; or CHOXD fb CARBN; or BIODG fb CARBN | INCIN |
| K111 | Product washwaters from the production of dinitrotoluene via nitration of toluene | 2,4-Dinitrotoluene | 121-1-2 | 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 | INCIN; or CHOXD fb CARBN; or BIODG fb CARBN | INCIN |
| K113 | Condensed liquid light ends from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene. | NA | NA | CARBN; OR INCIN | CMBST |
| K114 | Vinidole from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene. | NA | NA | CARBN; or INCIN | CMBST |
| K115 | Heavy ends from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene. | Nickel | 7440-02-0 | 3.98 | 5.0 mg/l TCLP |
| | | NA | NA | CARBN; or INCIN | CMBST |
| K116 | Organic condensate from the solvent recovery column in the production of toluene diisocyanate via phosgenation of toluenediamine. | NA | NA | CARBN; or INCIN | 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 |

| Waste Code | Waste Description and Treatment/Regulatory Subcategory ¹ | REGULATED HAZARDOUS CONSTITUENT | | | NONWASTEWATER ³ |
|------------|---|---|-------------------------|--|----------------------------|
| | | Common Name | CAS ² Number | WASTEWATERS Concentration in mg/l; or Technology Code ⁴ | |
| K123 | Process wastewater (including supernates, filtrates, and washwaters) from the production of ethylenedithiocarbamic acid and its salts. | NA | NA | INCIN; or CHOXD fb (BODG or CARBN) | INCIN |
| K124 | Reactor vent scrubber water from the production of ethylenedithiocarbamic acid and its salts. | NA | NA | INCIN; or CHOXD fb (BODG or CARBN) | INCIN |
| K125 | Filtration, evaporation, and centrifugation solids from the production of ethylenedithiocarbamic acid and its salts. | NA | NA | INCIN; or CHOXD fb (BODG or CARBN) | INCIN |
| K126 | Baghouse dust and floor sweepings in milling and peptizing operations from the production of ethylenedithiocarbamic acid and its salts. | NA | NA | INCIN; or CHOXD fb (BODG or CARBN) | INCIN |
| 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 acids from the production of methyl bromide. | Methyl bromide (Bromomethane) | 74-83-9 | 0.11 | 15 |
| K139 | 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 |
| 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 (decenter tank tar sludge from coking operations). | Chloroform | 67-66-3 | 0.048 | 6.0 |
| | | Ethylene dibromide (1,2-Dibromoethane) | 106-93-4 | 0.028 | 15 |
| | | 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 |
| | | Benzo(a)anthracene | 56-55-3 | 0.059 | 3.4 |
| | | Benzo(b)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 |

TREATMENT STANDARDS FOR HAZARDOUS WASTES

| Waste Code | Waste Description and Treatment Regulatory Subcategory ¹ | REGULATED HAZARDOUS CONSTITUENT | | WASTEWATERS Concentration in mg/l; or Technology Code ² | NOWASTEWATERS Concentration in mg/kg ³ unless noted as "mg/l TCLP" or Technology Code ² |
|------------|---|---|-------------------------|--|--|
| | | Common Name | CAS ⁴ Number | | |
| 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. | Dibenz(a,h)anthracene | 53-70-3 | 0.055 | 8.2 |
| | | Indene(1,2,3-cd)pyrene | 183-38-6 | 0.0055 | 3.4 |
| | | Benzene | 71-43-2 | 0.14 | 10 |
| | | Benz(a)anthracene | 56-55-3 | 0.059 | 3.4 |
| | | Benzol(p)pyrene | 50-32-8 | 0.061 | 3.4 |
| | | Benzofluoranthene (difficult to distinguish from benzofluoranthene) | 205-98-2 | 0.11 | 6.8 |
| | | Benzofluoranthene (difficult to distinguish from benzofluoranthene) | 207-08-0 | 0.11 | 6.8 |
| | | Chrysene | 218-01-9 | 0.059 | 3.4 |
| | | Benzene | 71-43-2 | 0.14 | 10 |
| | | Benz(a)anthracene | 56-55-3 | 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. | Benzol(p)pyrene | 50-32-8 | 0.061 | 3.4 |
| | | Benzofluoranthene (difficult to distinguish from benzofluoranthene) | 205-98-2 | 0.11 | 6.8 |
| | | Benzofluoranthene (difficult to distinguish from benzofluoranthene) | 207-08-0 | 0.11 | 6.8 |
| | | Chrysene | 218-01-9 | 0.059 | 3.4 |
| | | Dibenz(a,h)anthracene | 53-70-3 | 0.055 | 8.2 |
| | | Benzene | 71-43-2 | 0.14 | 10 |
| | | Benz(a)anthracene | 56-55-3 | 0.059 | 3.4 |
| | | Benzol(p)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 |
| K145 | Residues from naphthalene collection and recovery operations from the recovery of coke by-products produced from coal. | Dibenz(a,h)anthracene | 53-70-3 | 0.055 | 8.2 |
| | | Benzene | 71-43-2 | 0.14 | 10 |
| | | Benz(a)anthracene | 56-55-3 | 0.059 | 3.4 |
| | | Benzol(p)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 | 81-20-3 | 0.059 | 5.6 |
| | | Benzene | 71-43-2 | 0.14 | 10 |
| | | Benz(a)anthracene | 56-55-3 | 0.059 | 3.4 |
| | | Benzol(p)pyrene | 50-32-8 | 0.061 | 3.4 |
| K147 | Tar storage tank residues from coal tar refining. | Benzofluoranthene (difficult to distinguish from benzofluoranthene) | 205-98-2 | 0.11 | 6.8 |
| | | Benzofluoranthene (difficult to distinguish from benzofluoranthene) | 207-08-0 | 0.11 | 6.8 |

| Waste Code | Waste Description and Treatment/Regulatory Subcategory ¹ | REGULATED HAZARDOUS CONSTITUENT | | WASTEWATERS Concentration in mg/l; or Technology Code ² | NONWASTEWATERS Concentration in mg/kg ³ unless noted as "nr 1 TCLP"; or Technology Code |
|------------|--|---|-------------------------|--|---|
| | | Common Name | CAS ⁴ Number | | |
| K148 | Residues from coal tar distillation, including, but not limited to, still bottoms. | Benzofluoranthene (difficult to distinguish from benzofluoranthene) | 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 |
| | | Benz(a)anthracene | 56-55-3 | 0.059 | 3.4 |
| | | Benzofluoranthene | 50-32-8 | 0.061 | 3.4 |
| | | Benzofluoranthene (difficult to distinguish from benzofluoranthene) | 205-99-2 | 0.11 | 6.8 |
| | | Benzofluoranthene (difficult to distinguish from benzofluoranthene) | 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 |
| | | Chlorobenzene | 106-90-7 | 0.057 | 6.0 |
| | | Chloroform | 67-66-3 | 0.046 | 6.0 |
| K150 | Distillation bottoms from the production of alpha- (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.) | Chloromethane | 74-87-3 | 0.19 | 30 |
| | | p-Dichlorobenzene | 106-46-7 | 0.080 | 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 |
| | | 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 | 0.080 | 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 |
| K150 | Organic residuals, excluding spent carbon adsorbent, from the spent chlorine gas and hydrochloric acid recovery processes associated with the production of alpha- (or methyl) chlorinated toluenes, ring-chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups. | 1,1,2,2-Tetrachloroethane | 79-34-5 | 0.057 | 6.0 |

TREATMENT STANDARDS FOR HAZARDOUS WASTES

| Waste Code | Waste Description and Treatment/Regulatory Subcategory ¹ | REGULATED HAZARDOUS CONSTITUENT | | WASTEWATERS Concentration in mg/l; or Technology Code ² | NONWASTEWATERS Concentration in mg/kg; unless noted as "mg/l TCLP"; or Technology Code ² |
|------------|---|----------------------------------|-------------------------|--|--|
| | | Common Name | CAS ³ Number | | |
| K151 | Wastewater treatment sludges, excluding neutralization and biological sludges, generated during the treatment of wastewaters from the production of alpha- (or methyl-) chlorinated toluenes, ring-chlorinated toluenes, butyl chlorides, and compounds with mixtures of these functional groups. | Tetrachloroethylene | 127-18-4 | 0.056 | 6.0 |
| | | 1,2,4-Trichlorobenzene | 120-92-1 | 0.055 | 19 |
| | | Benzene | 71-43-2 | 0.14 | 10 |
| | | Carbon tetrachloride | 56-23-5 | 0.057 | 6.0 |
| | | Chloroform | 67-66-3 | 0.048 | 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 |
| P001 | Wetform, & salts, when present at concentrations greater than 0.3% | Warfarin | 81-81-2 | (WETOX or CHOXD) fb CARBN; or INCIN | CMBST |
| P002 | 1-Acetyl-2-thioureas | 1-Acetyl-2-thioureas | 591-08-2 | (WETOX or CHOXD) fb CARBN; or INCIN | INCIN |
| P003 | Acrolein | Acrolein | 107-02-8 | 0.29 | CMBST |
| P004 | Aldrin | Aldrin | 309-00-2 | 0.021 | 0.069 |
| P005 | Allyl alcohol | Allyl alcohol | 107-18-8 | (WETOX or CHOXD) fb CARBN; or INCIN | CMBST |
| P006 | Aluminum phosphide | Aluminum phosphide | 20859-73-8 | CHOXD; CHRED; or INCIN | CHOXD; CHRED; or INCIN |
| P007 | 5-Aminomethyl 3-isoxazolol | 5-Aminomethyl 3-isoxazolol | 2763-98-4 | (WETOX or CHOXD) fb CARBN; or INCIN | INCIN |
| P008 | 4-Aminopyridine | 4-Aminopyridine | 504-24-5 | (WETOX or CHOXD) fb CARBN; or INCIN | INCIN |
| P009 | Ammonium picrate | Ammonium picrate | 131-74-8 | CHOXD; CHRED; CARBN; BIODG; or INCIN | 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 | 7.6 mg/l TCLP |
| | | Cyanides (Total) ⁴ | 57-12-5 | 1.2 | 590 |
| | | Cyanides (Amenable) ⁴ | 57-12-5 | 0.86 | 30 |

| Waste Code | Waste Description and Treatment/Regulatory Subcategory ¹ | REGULATED HAZARDOUS CONSTITUENT | | WASTEWATERS Concentration in mg/l; or Technology Code ² | NONWASTEWATERS Concentration in mg/kg ³ unless noted as "mg/l TCLP"; or Technology Code |
|------------|---|--|-------------------------|--|---|
| | | Common Name | CAS ⁴ Number | | |
| P014 | Thiophenol (Benzene thiol) | Thiophenol (Benzene thiol) | 108-98-5 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| 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) lb CARBN; or INCIN | INCIN |
| P017 | Bromoacetone | Bromoacetone | 598-31-2 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| P018 | Brucine | Brucine | 357-57-3 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| 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 |
| P022 | Carbon disulfide | Cyanides (Amenable) ⁷ | 57-12-5 | 0.86 | 30 |
| P023 | Chloroacetaldehyde | Carbon disulfide | 75-15-0 | 3.8 | INCIN |
| P024 | p-Chloroaniline | Carbon disulfide; alternate ⁸ standard for nonwastewaters only | 75-15-0 | NA | 4.8 mg/l TCLP |
| P026 | 1-(o-Chlorophenyl)thiourea | Chloroacetaldehyde | 107-20-0 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| P027 | 3-Chloropropionitrile | p-Chloroaniline | 106-47-8 | 0.46 | 16 |
| P028 | Benzyl chloride | 1-(o-Chlorophenyl)thiourea | 5344-82-1 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| P029 | Copper cyanide | 3-Chloropropionitrile | 542-76-7 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| P030 | Cyanides (soluble salts and complexes) | Benzyl chloride | 100-44-7 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| P031 | Cyanogen | Cyanides (Total) ⁷ | 57-12-5 | 1.2 | 590 |
| P033 | Cyanogen chloride | Cyanides (Amenable) ⁷ | 57-12-5 | 0.86 | 30 |
| P034 | 2-Cylohexyl-4,6-dinitrophenol | Cyanides (Total) ⁷ | 57-12-5 | 1.2 | 590 |
| P036 | Dichlorophenylarsine | Cyanides (Amenable) ⁷ | 57-12-5 | 0.86 | 30 |
| | | Cyanogen | 460-19-5 | CHOXD; WETOX; or INCIN | CHOXD; WETOX; or INCIN |
| | | Cyanogen chloride | 506-77-4 | CHOXD; WETOX; or INCIN | CHOXD; WETOX; or INCIN |
| | | 2-Cylohexyl-4,6-dinitrophenol | 131-89-5 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| | | Arsenic | 7440-38-2 | 1.4 | 5.0 mg/l TCLP |

| Waste Code | Waste Description and Treatment/Regulatory Subcategory* | REGULATED HAZARDOUS CONSTITUENT | | WASTEWATERS Concentration in mg/l; or Technology Code* | NONWASTEWATERS Concentration in µg* unless noted as *mg/l TCLP; or Technology Code |
|------------|---|---------------------------------|-------------|--|---|
| | | Common Name | CAS* Number | | |
| P037 | Dieldrin | | 60-57-1 | 0.017 | 0.13 |
| P038 | Diethyleneimine | | 7440-38-2 | 1.4 | 5.0 mg/l TGLP |
| P039 | Disulfoton | | 298-04-4 | 0.017 | 6.2 |
| P040 | O,O-Diethyl O-pyrazinyl phosphorothioate | | 297-97-2 | CARBEN; or INCIN | CMBST |
| P041 | Diethyl-p-nitrophenyl phosphate | | 311-45-5 | CARBEN; or INCIN | CMBST |
| P042 | Epinephrine | | 51-43-4 | (WETOX or CHOXD) fb CARBN; or INCIN | INCIN |
| P043 | Diisopropylfluorophosphate (DFP) | | 55-91-4 | CARBEN; or INCIN | CMBST |
| P044 | Dimethoate | | 60-51-5 | CARBEN; or INCIN | CMBST |
| P045 | Thiofanox | | 39196-18-4 | (WETOX or CHOXD) fb CARBN; or INCIN | INCIN |
| P046 | alpha, alpha-Dimethylphenethylamine | | 122-08-8 | (WETOX or CHOXD) fb CARBN; or INCIN | INCIN |
| P047 | 4,6-Dinitro-o-cresol | | 543-52-1 | 0.28 | 160 |
| | 4,6-Dinitro-o-cresol salts | | NA | (WETOX or CHOXD) fb CARBN; or INCIN | INCIN |
| P048 | 2,4-Dinitrophenol | | 51-28-5 | 0.12 | 160 |
| P049 | Dithioburset | | 541-53-7 | (WETOX or CHOXD) fb CARBN; or INCIN | INCIN |
| P050 | Endosulfan I | | 939-86-8 | 0.023 | 0.066 |
| | Endosulfan II | | 33213-6-5 | 0.029 | 0.13 |
| | Endosulfan sulfate | | 1031-07-8 | 0.029 | 0.13 |
| P051 | Endrin | | 72-20-8 | 0.028 | 0.13 |
| | Endrin aldehyde | | 7421-93-4 | 0.025 | 0.13 |
| P054 | Aziridine | | 151-56-4 | (WETOX or CHOXD) fb CARBN; or INCIN | INCIN |
| P056 | Fluorine | | 16984-48-8 | 35 | ADGAS fb NEUTR |
| P057 | Fluoroacetamide | | 640-18-7 | (WETOX or CHOXD) fb CARBN; or INCIN | INCIN |
| P058 | Fluoroacetic acid, sodium salt | | 62-74-8 | (WETOX or CHOXD) fb CARBN; or INCIN | INCIN |
| P059 | Heptachlor | | 76-44-8 | 0.0012 | 0.066 |

| Waste Code | Waste Description and Treatment/Regulatory Subcategory ¹ | REGULATED HAZARDOUS CONSTITUENT | | WASTEWATERS Concentration in mg/l; or Technology Code ² | NONWASTEWATERS Concentration in mg/kg ³ unless noted as "mg/l TCLP"; or Technology Code |
|------------|---|----------------------------------|-------------------------|--|---|
| | | Common Name | CAS ⁴ Number | | |
| P060 | | Heptachlor epoxide | 1024-57-3 | 0.016 | 0.066 |
| P062 | Isodrin | Isodrin | 465-73-8 | 0.021 | 0.066 |
| P063 | Hexamethyl tetraphosphate | Hexamethyl tetraphosphate | 757-58-4 | CARBN; or INCIN | CMBST |
| | Hydrogen cyanide | Cyanides (Total) ⁷ | 57-12-5 | 1.2 | 890 |
| P064 | Isocyanic acid, ethyl ester | Cyanides (Amenable) ⁷ | 57-12-5 | 0.86 | 30 |
| P065 | P065 (mercury fulminate) nonwastewaters, regardless of their total mercury content, that are not incinerator residues or are not residues from RIMERC. | Isocyanic acid, ethyl ester | 624-93-8 | (WETOX or CHOXD) (b) CARBN; or INCIN | INCIN |
| | P065 (mercury fulminate) nonwastewaters that are either incinerator residues or are residues from RIMERC; and contain greater than or equal to 260 mg/kg total mercury. | Mercury | 7439-97-6 | NA | IMERC |
| | P065 (mercury fulminate) nonwastewaters that are residues from RIMERC and contain less than 260 mg/kg total mercury. | Mercury | 7439-97-6 | NA | RIMERC |
| | P065 (mercury fulminate) nonwastewaters that are incinerator residues and contain less than 260 mg/kg total mercury. | Mercury | 7439-97-6 | NA | 0.20 mg/l TCLP |
| P066 | All P065 (mercury fulminate) wastewaters. | Mercury | 7439-97-6 | 0.15 | 0.025 mg/l TCLP |
| P067 | Methomyl | Methomyl | 16752-77-5 | (WETOX or CHOXD) (b) CARBN; or INCIN | NA |
| P068 | 2-Methyl-aziridine | 2-Methyl-aziridine | 75-55-8 | (WETOX or CHOXD) (b) CARBN; or INCIN | INCIN |
| P069 | Methyl hydrazine | Methyl hydrazine | 60-34-4 | CHOXD; CHRED; CARBN; BIODG; or INCIN | CHOXD; CHRED; or CMBST |
| P070 | 2-Methylacetonitrile | 2-Methylacetonitrile | 75-86-5 | (WETOX or CHOXD) (b) CARBN; or INCIN | INCIN |
| P071 | Aldicarb | Aldicarb | 116-06-3 | (WETOX or CHOXD) (b) CARBN; or INCIN | INCIN |
| P072 | Methyl parathion | Methyl parathion | 298-00-0 | 0.014 | 4.6 |
| P073 | 1-Naphthyl-2-thiourea | 1-Naphthyl-2-thiourea | 86-88-4 | (WETOX or CHOXD) (b) CARBN; or INCIN | INCIN |
| P074 | Nickel carbonyl | Nickel | 7440-02-0 | 3.98 | 5.0 mg/l TCLP |
| | 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 | 5.0 mg/l TCLP |

| Waste Code | Waste Description and Treatment/Regulatory Subcategory | REGULATED HAZARDOUS CONSTITUENT | | WASTEWATERS Concentration in mg/l; or Technology Code ^a | NONWASTEWATERS Concentration in mg/kg unless noted as "mg/l TCLP"; or Technology Code |
|------------|--|---------------------------------|-------------------------|--|--|
| | | Common Name | CAS ^b Number | | |
| P075 | Nicotine and salts | Nicotine and salts | 54-11-5 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| P076 | Nitric oxide | Nitric oxide | 10102-43-9 | ADGAS | ADGAS |
| P077 | p-Nitroaniline | p-Nitroaniline | 100-01-6 | 0.02B | 28 |
| P078 | Nitrogen dioxide | Nitrogen dioxide | 10102-44-0 | ADGAS | ADGAS |
| P081 | Nitroglycerin | Nitroglycerin | 55-63-0 | CHOXD; CHRED; BIODG; or INCIN | CHOXD; CHRED; or CMBST |
| P082 | N-Nitrosodimethylamine | N-Nitrosodimethylamine | 62-75-9 | 0.40 | 2.3 |
| P084 | N-Nitrosomethylvinylamine | N-Nitrosomethylvinylamine | 4548-40-0 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| P085 | Octamethylpyrophosphoramide | Octamethylpyrophosphoramide | 152-16-9 | CARBN; or INCIN | CMBST |
| P087 | Osmium tetroxide | Osmium tetroxide | 20816-12-0 | RMETL; or RTHRM | RMETL; or RTHRM |
| P088 | Endothall | Endothall | 145-73-3 | (WETOX or CHOXD) lb CARBN; or INCIN | 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. 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. P092 (phenyl mercuric acetate) nonwastewaters that are residues from RMERC and contain less than 260 mg/kg total mercury. | Mercury | 7439-97-6 | NA | IMERC; or RMERC |
| | | Mercury | 7439-97-6 | NA | RMERC |
| | | Mercury | 7439-97-6 | NA | 0.20 mg/l TCLP |
| | | Mercury | 7439-97-6 | NA | 0.025 mg/l TCLP |
| | All P092 (phenyl mercuric acetate) wastewaters. | Mercury | 7439-97-6 | 0.15 | NA |
| P093 | Phenylthiourea | Phenylthiourea | 103-85-5 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| P094 | Phorate | Phorate | 298-02-2 | 0.021 | 4.6 |
| P095 | Phosgene | Phosgene | 75-44-5 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| P098 | Phosphine | Phosphine | 7803-51-2 | CHOXD; CHRED; or INCIN | CHOXD; CHRED; or INCIN |
| P097 | Famphur | Famphur | 52-95-7 | 0.017 | 15 |
| P099 | Potassium cyanide. | Cyanides (Total) ^c | 57-12-5 | 1.2 | 590 |

| Waste Code | Waste Description and Treatment/Regulatory Subcategory ¹ | REGULATED HAZARDOUS CONSTITUENT | | WASTEWATERS Concentration in mg/l; or Technology Code* | NONWASTEWATERS Concentration in mg/kg ³ unless noted as "mg/l TCLP" or Technology Code |
|------------|---|---|-------------------------|--|--|
| | | Common Name | CAS ² Number | | |
| P099 | Potassium silver cyanide | Cyanides (Amenable) ⁷ | 57-12-5 | 0.86 | 30 |
| | | Cyanides (Total) ⁷ | 57-12-5 | 1.2 | 590 |
| | | Cyanides (Amenable) ⁷ | 57-12-5 | 0.86 | 30 |
| P101 | Ethyl cyanide (Propanenitrile) | Silver | 7440-22-4 | 0.43 | 0.30 mg/l TCLP |
| | | Propargyl alcohol | 107-12-0 | 0.24 | 380 |
| P102 | Propargyl alcohol | Propargyl alcohol | 107-18-7 | (WETOX or CHOXD) (b) CARBN; or INCIN | CMBST |
| P103 | Selenourea | Selenium | 7782-49-2 | 0.82 | 0.16 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 | 0.30 mg/l TCLP |
| P105 | Sodium azide | Sodium azide | 26628-22-8 | CHOXD; CHRED; CARBN; BIODG; or INCIN | CHOXD; CHRED; or CMBST |
| P106 | Sodium cyanide | Cyanides (Total) ⁷ | 57-12-5 | 1.2 | 590 |
| P108 | Strychine and salts | Cyanides (Amenable) ⁷ | 57-12-5 | 0.86 | 30 |
| | | Strychine and salts | 57-24-9 | (WETOX or CHOXD) (b) CARBN; or INCIN | INCIN |
| P109 | Tetraethyldiorthophosphate | Tetraethyldiorthophosphate | 3689-24-5 | CARBN; or INCIN | CMBST |
| P110 | Tetraethyl lead | Lead | 7439-92-1 | 0.69 | 0.37 mg/l TCLP |
| P111 | Tetraethylpyrophosphate | Tetraethylpyrophosphate | 107-49-3 | CARBN; or INCIN | CMBST |
| P112 | Tetraeromethane | Tetraeromethane | 509-14-8 | CHOXD; CHRED; CARBN; BIODG; or INCIN | CHOXD; CHRED; or CMBST |
| P113 | Thalic oxide | Thallium (measured in wastewaters only) | 7440-28-0 | 1.4 | RTHRM; or STABL |
| P114 | Thallium selenite | Selenium | 7782-49-2 | 0.82 | 0.16 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) (b) CARBN; or INCIN | INCIN |
| P116 | Trichloromethanol | Trichloromethanol | 75-70-7 | (WETOX or CHOXD) (b) CARBN; or INCIN | INCIN |
| 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 |

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| Waste Code | Waste Description and Treatment/Regulatory Subcategory ¹ | REGULATED HAZARDOUS CONSTITUENT | | WASTEWATERS Concentration in mg/l; or Technology Code ² | NONWASTEWATERS Concentration in mg/kg ³ unless noted as "mg/l TCLP"; or Technology Code |
|------------|---|---|-------------------------|--|---|
| | | Common Name | CAS ⁴ Number | | |
| P121 | Zinc cyanide | Cyanides (Total) ⁵ | 57-12-5 | 1.2 | 599 |
| P122 | Zinc phosphide (ZnP ₂), when present at concentrations greater than 10% | 'Cyanides (Amenable)' | 57-12-5 | 0.86 | 30 |
| P123 | Toxaphene | Zinc Phosphide | 1314-84-7 | CHOXD; CHRED; or INCIN | CHOXD; CHRED; or INCIN |
| U001 | Acetaldehyde | Toxaphene | 8001-35-2 | 0.0085 | 2.8 |
| U002 | Acetone | Acetaldehyde | 78-07-0 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| U003 | Acetonitrile | Acetone | 67-84-1 | 0.28 | 160 |
| U004 | Acetophenone | Acetonitrile | 75-05-8 | 5.6 | INCIN |
| U005 | 2-Acetylaminofluorene | Acetonitrile; alcohols ⁶ standard for nonwastewaters only | 75-95-8 | NA | 1.8 |
| U006 | Acetyl chloride | Acetophenone | 98-88-2 | 0.010 | 9.7 |
| U007 | Arylamide | 2-Acetylaminofluorene | 53-98-3 | 0.059 | 140 |
| U008 | Arylic acid | Acetyl chloride | 75-36-5 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| U009 | Acrylonitrile | Acrylamide | 78-06-1 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| U010 | Mitomycin C | Arylic acid | 78-10-7 | (WETOX or CHOXD) lb CARBN; or INCIN | CMBS ⁷ |
| U011 | Anilrole | Acrylonitrile | 107-13-1 | 0.24 | 84 |
| U012 | Aniline | Mitomycin C | 50-07-7 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| U014 | Auramine | Anilrole | 61-82-5 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| U015 | Azaserine | Aniline | 62-53-3 | 0.81 | 14 |
| U016 | Benz(c)acridine | Auramine | 482-80-8 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| U017 | Benzal chloride | Azaserine | 115-02-6 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| U018 | Benzal chloride | Benz(c)acridine | 229-81-4 | (WETOX or CHOXD) lb CARBN; or INCIN | CMBS ⁷ |
| U019 | Benz(a)anthracene | Benzal chloride | 88-87-3 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| U019 | Benzene | Benz(a)anthracene | 56-55-3 | 0.059 | 3.4 |
| | | Benzene | 71-43-2 | 0.14 | 10 |

| Waste Code | Waste Description and Treatment/Regulatory Subcategory | REGULATED HAZARDOUS CONSTITUENT | | WASTEWATERS Concentration in mg/l; or Technology Code* | NONWASTEWATERS Concentration in mg/kg* unless noted as "mg/l TCLP"; or Technology Code |
|------------|--|---|-------------|--|---|
| | | Common Name | CAS' Number | | |
| U020 | Benzenesulfonyl chloride | Benzenesulfonyl chloride | 88-09-8 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| U021 | Benztidine | Benztidine | 92-87-5 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| U022 | Benzotripyrene | Benzotripyrene | 50-32-8 | 0.061 | 3.4 |
| U023 | Benzotrithionide | Benzotrithionide | 98-07-7 | CHOXD; CHRED; CARBN; BIODG; or INCIN | CHOXD; CHRED; or CM8ST |
| 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 | Chloromaphazine | Chloromaphazine | 484-03-1 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| U027 | bis(2-Chloropropyl)ether | bis(2-Chloropropyl)ether | 108-60-1 | 0.055 | 7.2 |
| U028 | bis(2-Ethylhexyl) phthalate | bis(2-Ethylhexyl) phthalate | 117-91-7 | 0.28 | 28 |
| U028 | 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 | 5.8 | 2.8 |
| U032 | Calcium chromate | Chromium (Total) | 7440-47-3 | 2.77 | 0.88 mg/l TCLP |
| U033 | Carbon oxyfluoride | Carbon oxyfluoride | 353-50-4 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| U034 | Trichloroacetaldehyde (Chloral) | Trichloroacetaldehyde (Chloral) | 75-87-6 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| U035 | Chlorambucil | Chlorambucil | 305-03-3 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| U036 | Chloroene | Chloroene (alpha and gamma isomers) | 57-74-9 | 0.0033 | 0.26 |
| U037 | Chlorobenzene | Chlorobenzene | 108-90-7 | 0.057 | 6.0 |
| U038 | Chlorobenzilate | Chlorobenzilate | 510-15-8 | 0.10 | INCIN |
| U039 | p-Chloro-m-cresol | p-Chloro-m-cresol | 58-50-7 | 0.018 | 14 |
| U041 | Epichlorohydrin (1-Chloro-2,3-epoxypropane) | Epichlorohydrin (1-Chloro-2,3-epoxypropane) | 106-88-8 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| U042 | 2-Chloroethyl vinyl ether | 2-Chloroethyl vinyl ether | 110-75-8 | 0.062 | INCIN |
| U043 | Vinyl chloride | Vinyl chloride | 75-01-4 | 0.27 | 6.0 |
| U044 | Chloroform | Chloroform | 67-66-3 | 0.046 | 6.0 |

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| Waste Code | Waste Description and Treatment/Regulatory Subcategory ¹ | REGULATED HAZARDOUS CONSTITUENT | | WASTEWATERS Concentration in mg/l; of Technology Code ² | NONWASTEWATERS Concentration in mg/kg, ³ unless noted as "mg/l TCLP"; or Technology Code |
|------------|---|---|-------------------------|--|--|
| | | Common Name | CAS ⁴ Number | | |
| U045 | Chloromethane (Methyl chloride) | Chloromethane (Methyl chloride) | 74-87-3 | 0.18 | 30 |
| U046 | Chloromethyl methyl ether | Chloromethyl methyl ether | 107-30-2 | (WETOX or CHOXD) fs CARBN; or INCIN | INCIN |
| U047 | 2-Chloronaphthalene | 2-Chloronaphthalene | 81-58-7 | 0.085 | 5.6 |
| U048 | 2-Chlorophenol | 2-Chlorophenol | 85-67-8 | 0.044 | 8.7 |
| U049 | 4-Chloro- <i>o</i> -toluidine hydrochloride | 4-Chloro- <i>o</i> -toluidine hydrochloride | 3165-92-3 | (WETOX or CHOXD) fs CARBN; or INCIN | INCIN |
| U050 | Chrysene | Chrysene | 218-01-9 | 0.059 | 3.4 |
| U051 | Grease | Naphthalene | 81-20-3 | 0.089 | 5.6 |
| | | Pentachlorophenol | 87-86-5 | 0.089 | 7.4 |
| | | Phenanthrene | 85-01-8 | 0.059 | 5.6 |
| | | Pyrene | 129-00-0 | 0.087 | 8.2 |
| | | Toluene | 108-88-3 | 0.080 | 10 |
| | | Xylene-mixed isomers (sum of <i>o</i> -, <i>m</i> -, and <i>p</i> -xylene concentrations) | 1230-20-7 | 0.22 | 30 |
| U052 | Cresols (Creasylic acid) | Lead | 7439-92-1 | 0.69 | 0.37 mg/l TCLP |
| | | <i>o</i> -Cresol | 95-48-7 | 0.11 | 5.6 |
| | | <i>m</i> -Cresol (difficult to distinguish from <i>p</i> -cresol) | 108-38-4 | 0.77 | 5.6 |
| | | <i>p</i> -Cresol (difficult to distinguish from <i>m</i> -cresol) | 108-44-5 | 0.77 | 5.6 |
| | | Cresol-mixed isomers (Creasylic acid) (sum of <i>o</i> -, <i>m</i> -, and <i>p</i> -cresol concentrations) | 1318-77-3 | 0.88 | 11.2 |
| U053 | Crotonaldehyde | Crotonaldehyde | 4170-30-3 | (WETOX or CHOXD) fs CARBN; or INCIN | CMBST |
| U055 | Cumene | Cumene | 98-82-8 | (WETOX or CHOXD) fs CARBN; or INCIN | CMBST |
| U056 | Cyclohexane | Cyclohexane | 110-82-7 | (WETOX or CHOXD) fs CARBN; or INCIN | CMBST |
| U057 | Cyclohexanone | Cyclohexanone | 108-94-1 | 0.36 | CMBST |
| | | Cyclohexanone, alternate ⁵ standard for nonwastewater only | 108-94-1 | NA | 0.75 mg/l TCLP |
| U058 | Cyclophosphamide | Cyclophosphamide | 50-18-0 | CARBN; or INCIN | CMBST |

| Waste Code | Waste Description and Treatment/Regulatory Subcategory ¹ | REGULATED HAZARDOUS CONSTITUENT | | WASTEWATERS Concentration in mg/l ² ; or Technology Code ⁴ | NONWASTEWATERS Concentration in mg/l ³ unless noted as "mg," TCLP ⁵ ; or Technology Code |
|------------|---|---------------------------------|-------------------------|--|---|
| | | Con. non-xene | CAS ² Number | | |
| U058 | Deoxycholic acid | | 20830-81-3 | (WETOX or CHOXD) fb CARBN; or INCIN | INCIN |
| U060 | DDD | o,p'-DDD | 53-19-0 | 0.023 | 0.087 |
| | | p,p'-DDD | 72-54-8 | 0.023 | 0.087 |
| | | o,p'-DDT | 789-02-6 | 0.0038 | 0.087 |
| U061 | DDT | p,p'-DDT | 50-28-3 | 0.0038 | 0.087 |
| | | o,p'-DDD | 53-19-0 | 0.023 | 0.087 |
| | | p,p'-DDD | 72-54-8 | 0.023 | 0.087 |
| U073 | 3,3'-Dichlorobenzidine | o,p'-DDE | 3424-82-6 | 0.031 | 0.087 |
| | | p,p'-DDE | 72-55-9 | 0.031 | 0.087 |
| | | Diallate | 2303-16-4 | (WETOX or CHOXD) fb CARBN; or INCIN | INCIN |
| U062 | Diallate | | 2303-16-4 | (WETOX or CHOXD) fb CARBN; or INCIN | INCIN |
| U063 | Dibenz(a,h)anthracene | | 53-70-3 | 0.055 | 8.2 |
| U064 | Dibenz(a,h)pyrene | | 189-55-9 | (WETOX or CHOXD) fb CARBN; or INCIN | CMBST |
| U066 | 1,2-Dibromo-3-chloropropane | | 96-12-8 | 0.11 | 15 |
| U067 | Ethylene dibromide (1,2-Dibromoethane) | | 106-93-4 | 0.028 | 15 |
| U068 | Dibromomethane | | 74-85-3 | 0.11 | 15 |
| U069 | Di-n-butyl phthalate | | 84-74-2 | 0.057 | 28 |
| U070 | o-Dichlorobenzene | | 95-50-1 | 0.088 | 6.0 |
| U071 | m-Dichlorobenzene | | 541-73-1 | 0.036 | 6.0 |
| U072 | p-Dichlorobenzene | | 106-46-7 | 0.050 | 6.0 |
| U073 | 3,3'-Dichlorobenzidine | | 81-94-1 | (WETOX or CHOXD) fb CARBN; or INCIN | INCIN |
| U074 | 1,4-Dichloro-2-butene | | 1476-11-5 | (WETOX or CHOXD) fb CARBN; or INCIN | INCIN |
| U075 | Dichlorodifluoromethane | | 764-41-0 | (WETOX or CHOXD) fb CARBN; or INCIN | INCIN |
| U076 | 1,1-Dichloroethane | | 75-34-3 | 0.050 | 6.0 |
| U077 | 1,2-Dichloroethane | | 107-06-2 | 0.21 | 6.0 |

| Waste Code | Waste Description and Treatment/Regulatory Subcategory | REGULATED HAZARDOUS CONSTITUENT | | WASTEWATERS Concentration in mg/l; or Technology Code | NONWASTEWATERS Concentration in mg/kg unless noted as "mg/l TCLP"; or Technology Code |
|------------|--|--|-------------------------|---|--|
| | | Common Name | CAS ² Number | | |
| 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 | 87-85-0 | 0.044 | 14 |
| U083 | 1,2-Dichloropropane | 1,2-Dichloropropane | 78-87-5 | 0.85 | 18 |
| U084 | 1,3-Dichloropropylene | cis-1,3-Dichloropropylene | 10081-01-5 | 0.038 | 18 |
| U085 | 1,2,3,4-Diepoxybutane | trans-1,3-Dichloropropylene | 10061-02-6 | 0.038 | 18 |
| U086 | N,N'-Diethylhydrazine | 1,2,3,4-Diepoxybutane | 1464-53-5 | (WETOX or CHOXD) fs CARBN; or INCIN | CMBST |
| U087 | O,O-Diethyl S-methyldithiophosphate | N,N'-Diethylhydrazine | 1815-80-1 | CHOXD; CHRED; CARBN; BIODG; or INCIN | CHOXD; CHRED; or / MBST |
| U088 | Diethyl phthalate | O,O-Diethyl S-methyldithiophosphate | 3288-58-2 | CARBN; or INCIN | CMBST |
| U089 | Diethyl stilbestrol | Diethyl phthalate | 84-86-2 | 0.20 | 28 |
| U090 | Dihydrostilrole | Diethyl stilbestrol | 56-53-1 | (WETOX or CHOXD) fs CARBN; or INCIN | CMBST |
| U091 | 3,3'-Dimethoxybenzidine | Dihydrostilrole | 94-58-6 | (WETOX or CHOXD) fs CARBN; or INCIN | CMBST |
| U092 | Dimethylamine | 3,3'-Dimethoxybenzidine | 118-90-4 | (WETDX or CHOXD) fs CARBN; or INCIN | INCIN |
| U093 | p-Dimethylaminoazobenzene | Dimethylamine | 124-40-3 | (WETOX or CHOXD) fs CARBN; or INCIN | INCIN |
| U094 | 7,12-Dimethylbenz[1,2,4]anthracene | p-Dimethylaminoazobenzene | 60-11-7 | 0.13 | INCIN |
| U095 | 3,3'-Dimethylbenzidine | 7,12-Dimethylbenz[1,2,4]anthracene | 57-97-8 | (WETOX or CHOXD) fs CARBN; or INCIN | CMBST |
| U096 | alpha, alpha-Dimethyl benzyl hydroperoxide | 3,3'-Dimethylbenzidine | 118-93-7 | (WETOX or CHOXD) fs CARBN; or INCIN | INCIN |
| U097 | Dimethylcarbamoyl chloride | alpha, alpha-Dimethyl benzyl hydroperoxide | 80-15-9 | CHOXD; CHRED; CARBN; BIODG; or INCIN | CHOXD; CHRED; or CMBST |
| U098 | 1,1-Dimethylhydrazine | Dimethylcarbamoyl chloride | 78-44-7 | (WETOX or CHOXD) fs CARBN; or INCIN | INCIN |
| | | 1,1-Dimethylhydrazine | 57-14-7 | CHOXD; CHRED; CARBN; BIODG; or INCIN | CHOXD; CHRED; or CMBST |

TREATMENT STANDARDS FOR HAZARDOUS WASTES

| Waste Code | Waste Description and Treatment/Regulatory Subcategory ¹ | REGULATED HAZARDOUS CONSTITUENT | | WASTEWATERS Concentration in mg/l ² ; or Technology Code ³ | NONWASTEWATERS Concentration in mg/kg ⁴ unless noted as "mg/l TCLP"; or Technology Code ⁵ |
|------------|---|---|-------------------------|--|--|
| | | Common Name | CAS ⁶ Number | | |
| U999 | 1,2-Dimethylhydrazine | 1,2-Dimethylhydrazine | 540-73-8 | CHOXD; CHRED; CARBN; BIODG; or INCIN | 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 INCIN | CHOXD; CHRED; or CMBST |
| U105 | 2,4-Dinitrotoluene | 2,4-Dinitrotoluene | 121-14-2 | 0.32 | 140 |
| U106 | 2,6-Dinitrotoluene | 2,6-Dinitrotoluene | 608-20-2 | 0.55 | 28 |
| U107 | Din-octyl phthalate | Din-octyl phthalate | 117-84-0 | 0.017 | 28 |
| U108 | 1,4-Dioxane | 1,4-Dioxane | 123-81-1 | (WETOX or CHOXD) (b) CARBN; or INCIN | CMBST |
| U109 | 1,2-Diphenylhydrazine | 1,4-Dioxane; alternate ⁷ standard for nonsewage ⁸ only | 123-81-1 | NA | 170 |
| | | 1,2-Diphenylhydrazine | 122-66-7 | CHOXD; CHRED; CARBN; BIODG; or INCIN | CHOXD; CHRED; or CMBST |
| | | 1,2-Diphenylhydrazine; alternate ⁷ standard for wastewaters only | 122-66-7 | 0.087 | NA |
| U110 | Dipropylamine | Dipropylamine | 142-84-7 | (WETOX or CHOXD) (b) CARBN; or INCIN | INCIN |
| U111 | Di-n-propyltolosamine | Di-n-propyltolosamine | 621-64-7 | 0.40 | 14 |
| U112 | Ethyl acetate | Ethyl acetate | 141-78-6 | 0.34 | 33 |
| U113 | Ethyl acrylate | Ethyl acrylate | 140-88-6 | (WETOX or CHOXD) (b) CARBN; or INCIN | CMBST |
| U114 | Ethylenebis(dithiocarbamic acid salts and esters | Ethylenebis(dithiocarbamic acid | 111-54-6 | (WETOX or CHOXD) (b) CARBN; or INCIN | INCIN |
| U115 | Ethylene oxide | Ethylene oxide | 75-21-8 | (WETOX or CHOXD) (b) CARBN; or INCIN | CHOXD; or INCIN |
| U116 | Ethylene thiourea | Ethylene oxide; alternate ⁷ standard for wastewaters only | 75-21-8 | 0.12 | NA |
| U117 | Ethyl ether | Ethylene thiourea | 86-45-7 | (WETOX or CHOXD) (b) CARBN; or INCIN | INCIN |
| U118 | Ethyl methacrylate | Ethyl ether | 60-28-7 | 0.12 | 160 |
| U119 | Ethyl methane sulfonate | Ethyl methacrylate | 87-63-2 | 0.14 | 160 |
| | | Ethyl methane sulfonate | 62-50-6 | (WETOX or CHOXD) (b) CARBN; or INCIN | INCIN |

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| Waste Code | Waste Description and Treatment/Regulatory Subcategory ¹ | REGULATED HAZARDOUS CONSTITUENT | | WASTEWATERS Concentration in mg/l; or Technology Code ² | NONWASTEWATERS Concentration in mg/kg, unless noted as "mg/l TCLP"; or Technology Code |
|------------|---|---|-------------------------|--|---|
| | | Common Name | CAS ³ Number | | |
| U120 | Fluoranthene | Fluoranthene | 206-44-0 | 0.068 | 3.4 |
| U121 | Trichloromethylfluoromethane | Trichloromethylfluoromethane | 75-69-4 | 0.020 | 30 |
| U122 | Formaldehyde | Formaldehyde | 50-00-0 | (WETOX or CHOXD) lb CARBN; or INCIN | CMBST |
| U123 | Formic acid | Formic acid | 64-18-8 | (WETOX or CHOXD) lb CARBN; or INCIN | CMBST |
| U124 | Furan | Furan | 110-00-9 | (WETOX or CHOXD) lb CARBN; or INCIN | CMBST |
| U125 | Furfural | Furfural | 88-01-1 | (WETOX or CHOXD) lb CARBN; or INCIN | CMBST |
| U126 | Glycidylaldehyde | Glycidylaldehyde | 765-34-4 | (WETOX or CHOXD) lb CARBN; or INCIN | CMBST |
| U127 | Hexachlorobenzene | Hexachlorobenzene | 118-74-1 | 0.055 | 10 |
| U128 | Hexachlorobutadiene | Hexachlorobutadiene | 87-68-3 | 0.055 | 5.8 |
| U129 | Lindane | alpha-BHC | 319-84-6 | 0.00014 | 0.066 |
| | | beta-BHC | 319-85-7 | 0.00014 | 0.066 |
| | | delta-BHC | 319-86-8 | 0.023 | 0.066 |
| | | gamma-BHC (Lindane) | 56-89-8 | 0.0017 | 0.066 |
| U130 | Hexachlorocyclopentadiene | Hexachlorocyclopentadiene | 77-47-4 | 0.057 | 2.4 |
| U131 | Hexachloroethane | Hexachloroethane | 87-72-1 | 0.055 | 30 |
| U132 | Hexachlorophene | Hexachlorophene | 70-30-4 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| U133 | Hydrazine | Hydrazine | 302-01-2 | CHOXD; CHRED; CARBN; DIODG; or INCIN | CHOXD; CHRED; or CMBST |
| U134 | Hydrogen fluoride | Fluoride (measured in wastewaters only) | 16964-48-8 | 35 | ADGAS lb NEUTR; or NEUTR |
| U135 | Hydrogen Sulfide | Hydrogen Sulfide | 7783-06-4 | CHOXD; CHRED; or INCIN | CHOXD; CHRED; or INCIN; |
| U136 | Cacodylic acid | Arsenic | 7440-38-2 | 1.4 | 5.0 mg/l TCLP |
| U137 | Indeno(1,2,3-c,d)pyrene | Indeno(1,2,3-c,d)pyrene | 193-39-5 | 0.0055 | 3.4 |
| U138 | Iodomethane | Iodomethane | 74-88-4 | 0.19 | 65 |
| U140 | Isobutyl alcohol | Isobutyl alcohol | 78-93-1 | 5.6 | 170 |
| U141 | Isosafrole | Isosafrole | 120-58-1 | 0.081 | 2.6 |
| U142 | Kepon | Kepon | 143-50-8 | 0.0011 | 0.13 |

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| Waste Code | Waste Description and Treatment/Regulatory Subcategory ¹ | REGULATED HAZARDOUS CONSTITUENT | | CAS/ Number | WASTEWATERS Concentration in mg/l ² , or Technology Code ³ | NONWASTEWATERS Concentration in mg/kg ⁴ , unless noted as "mg/l TCLP"; or Technology Code |
|------------|---|---------------------------------|---|--|--|---|
| | | Common Name | Concentration in mg/l ² , or Technology Code ³ | | | |
| U143 | Lead/acrylonitrile | Lead/acrylonitrile | 303-34-4 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN ¹ | |
| U144 | Lead acetate | Lead | 7439-92-1 | 0.68 | 0.37 mg/l TCLP | |
| U145 | Lead phosphate | Lead | 7439-92-1 | 0.68 | 0.37 mg/l TCLP | |
| U146 | Lead subacetate | Lead | 7439-92-1 | 0.68 | 0.37 mg/l TCLP | |
| U147 | Maleic anhydride | Maleic anhydride | 108-91-8 | (WETOX or CHOXD) lb CARBN; or INCIN | CM68T | |
| U148 | Maleic hydrate | Maleic hydrate | 123-33-1 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN | |
| U149 | Malononitrile | Malononitrile | 109-77-3 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN | |
| U150 | Melphalan | Melphalan | 149-92-3 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN | |
| U151 | U151 (mercury) nonwastewaters that contain less than 260 mg/kg total mercury. | Mercury | 7439-97-6 | NA | RMERC | |
| U152 | U151 (mercury) nonwastewaters that contain less than 260 mg/kg total mercury, and that are residues from RMERC. | Mercury | 7439-97-6 | NA | 0.20 mg/l TCLP | |
| U153 | U151 (mercury) nonwastewaters that contain less than 260 mg/kg total mercury, and that are not residues from RMERC. | Mercury | 7439-97-6 | NA | 0.025 mg/l TCLP | |
| U154 | AB U151 (mercury) wastewaters. | Mercury | 7439-97-6 | 0.15 | NA | |
| U155 | Elemental Mercury Contaminated with Radioactive Materials | Mercury | 7439-97-6 | NA | ANLGM | |
| U156 | Methacrylonitrile | Methacrylonitrile | 126-98-7 | 0.24 | 84 | |
| U157 | Methanethiol | Methanethiol | 74-93-1 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN | |
| U158 | Methanol | Methanol | 67-56-1 | (WETOX or CHOXD) lb CARBN; or INCIN | CM68T | |
| U159 | Methyl ethyl ketone | Methyl ethyl ketone | 67-56-1 | 5.9 | 0.75 mg/l TCLP | |
| U160 | Methyl ethyl ketone | Methyl ethyl ketone | 67-56-1 | 5.9 | 0.75 mg/l TCLP | |
| U161 | Methyl ethyl ketone | Methyl ethyl ketone | 67-56-1 | 5.9 | 0.75 mg/l TCLP | |
| U162 | Methyl ethyl ketone | Methyl ethyl ketone | 67-56-1 | 5.9 | 0.75 mg/l TCLP | |
| U163 | Methyl ethyl ketone | Methyl ethyl ketone | 67-56-1 | 5.9 | 0.75 mg/l TCLP | |
| U164 | Methyl ethyl ketone | Methyl ethyl ketone | 67-56-1 | 5.9 | 0.75 mg/l TCLP | |
| U165 | Methyl ethyl ketone | Methyl ethyl ketone | 67-56-1 | 5.9 | 0.75 mg/l TCLP | |
| U166 | Methyl ethyl ketone | Methyl ethyl ketone | 67-56-1 | 5.9 | 0.75 mg/l TCLP | |
| U167 | Methyl ethyl ketone | Methyl ethyl ketone | 67-56-1 | 5.9 | 0.75 mg/l TCLP | |
| U168 | Methyl ethyl ketone | Methyl ethyl ketone | 67-56-1 | 5.9 | 0.75 mg/l TCLP | |
| U169 | Methyl ethyl ketone | Methyl ethyl ketone | 67-56-1 | 5.9 | 0.75 mg/l TCLP | |
| U170 | Methyl ethyl ketone | Methyl ethyl ketone | 67-56-1 | 5.9 | 0.75 mg/l TCLP | |
| U171 | Methyl ethyl ketone | Methyl ethyl ketone | 67-56-1 | 5.9 | 0.75 mg/l TCLP | |
| U172 | Methyl ethyl ketone | Methyl ethyl ketone | 67-56-1 | 5.9 | 0.75 mg/l TCLP | |
| U173 | Methyl ethyl ketone | Methyl ethyl ketone | 67-56-1 | 5.9 | 0.75 mg/l TCLP | |
| U174 | Methyl ethyl ketone | Methyl ethyl ketone | 67-56-1 | 5.9 | 0.75 mg/l TCLP | |
| U175 | Methyl ethyl ketone | Methyl ethyl ketone | 67-56-1 | 5.9 | 0.75 mg/l TCLP | |
| U176 | Methyl ethyl ketone | Methyl ethyl ketone | 67-56-1 | 5.9 | 0.75 mg/l TCLP | |
| U177 | Methyl ethyl ketone | Methyl ethyl ketone | 67-56-1 | 5.9 | 0.75 mg/l TCLP | |
| U178 | Methyl ethyl ketone | Methyl ethyl ketone | 67-56-1 | 5.9 | 0.75 mg/l TCLP | |
| U179 | Methyl ethyl ketone | Methyl ethyl ketone | 67-56-1 | 5.9 | 0.75 mg/l TCLP | |
| U180 | Methyl ethyl ketone | Methyl ethyl ketone | 67-56-1 | 5.9 | 0.75 mg/l TCLP | |
| U181 | Methyl ethyl ketone | Methyl ethyl ketone | 67-56-1 | 5.9 | 0.75 mg/l TCLP | |
| U182 | Methyl ethyl ketone | Methyl ethyl ketone | 67-56-1 | 5.9 | 0.75 mg/l TCLP | |
| U183 | Methyl ethyl ketone | Methyl ethyl ketone | 67-56-1 | 5.9 | 0.75 mg/l TCLP | |
| U184 | Methyl ethyl ketone | Methyl ethyl ketone | 67-56-1 | 5.9 | 0.75 mg/l TCLP | |
| U185 | Methyl ethyl ketone | Methyl ethyl ketone | 67-56-1 | 5.9 | 0.75 mg/l TCLP | |
| U186 | Methyl ethyl ketone | Methyl ethyl ketone | 67-56-1 | 5.9 | 0.75 mg/l TCLP | |
| U187 | Methyl ethyl ketone | Methyl ethyl ketone | 67-56-1 | 5.9 | 0.75 mg/l TCLP | |
| U188 | Methyl ethyl ketone | Methyl ethyl ketone | 67-56-1 | 5.9 | 0.75 mg/l TCLP | |
| U189 | Methyl ethyl ketone | Methyl ethyl ketone | 67-56-1 | 5.9 | 0.75 mg/l TCLP | |
| U190 | Methyl ethyl ketone | Methyl ethyl ketone | 67-56-1 | 5.9 | 0.75 mg/l TCLP | |
| U191 | Methyl ethyl ketone | Methyl ethyl ketone | 67-56-1 | 5.9 | 0.75 mg/l TCLP | |
| U192 | Methyl ethyl ketone | Methyl ethyl ketone | 67-56-1 | 5.9 | 0.75 mg/l TCLP | |
| U193 | Methyl ethyl ketone | Methyl ethyl ketone | 67-56-1 | 5.9 | 0.75 mg/l TCLP | |
| U194 | Methyl ethyl ketone | Methyl ethyl ketone | 67-56-1 | 5.9 | 0.75 mg/l TCLP | |
| U195 | Methyl ethyl ketone | Methyl ethyl ketone | 67-56-1 | 5.9 | 0.75 mg/l TCLP | |
| U196 | Methyl ethyl ketone | Methyl ethyl ketone | 67-56-1 | 5.9 | 0.75 mg/l TCLP | |
| U197 | Methyl ethyl ketone | Methyl ethyl ketone | 67-56-1 | 5.9 | 0.75 mg/l TCLP | |
| U198 | Methyl ethyl ketone | Methyl ethyl ketone | 67-56-1 | 5.9 | 0.75 mg/l TCLP | |
| U199 | Methyl ethyl ketone | Methyl ethyl ketone | 67-56-1 | 5.9 | 0.75 mg/l TCLP | |
| U200 | Methyl ethyl ketone | Methyl ethyl ketone | 67-56-1 | 5.9 | 0.75 mg/l TCLP | |

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| Waste Code | Waste Description and Treatment/Regulatory Subcategory ¹ | REGULATED HAZARDOUS CONSTITUENT | | WASTEWATERS Concentration in mg/l; or Technology Code ² | NONWASTEWATERS Concentration in mg/kg ³ unless noted as "mg/l TCLP"; or Technology Code |
|------------|---|-------------------------------------|-------------------------|--|---|
| | | Common Name | CAS ⁴ Number | | |
| U160 | Methyl ethyl ketone peroxide | Methyl ethyl ketone peroxide | 1338-23-4 | CHOXD; CHRED; CARBN; BIODG; or INCIN | CHOXD; CHRED; or CMBST |
| U161 | Methyl isobutyl ketone | Methyl isobutyl ketone | 108-10-1 | 0.14 | 33 |
| U162 | Methyl methacrylate | Methyl methacrylate | 80-62-8 | 0.14 | 180 |
| U163 | N-Methyl N-nitro N-nitrosoguanidine | N-Methyl N-nitro N-nitrosoguanidine | 70-25-7 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| U164 | Methylthiourea | Methylthiourea | 56-04-2 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| U169 | Naphthalene | Naphthalene | 81-20-3 | 0.059 | 5.6 |
| U166 | 1,4-Naphthoquinone | 1,4-Naphthoquinone | 130-15-4 | (WETOX or CHOXD) lb CARBN; or INCIN | CMBST |
| U167 | 1-Naphthylamine | 1-Naphthylamine | 134-32-7 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| U168 | 2-Naphthylamine | 2-Naphthylamine | 81-59-8 | 0.52 | INCIN |
| 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 | 79-48-8 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| U172 | N-Nitrosod-n-butylamine | N-Nitrosod-n-butylamine | 824-18-3 | 0.40 | 17 |
| U173 | N-Nitrosodithanolamine | N-Nitrosodithanolamine | 1116-84-7 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| U174 | N-Nitrosodimethylamine | N-Nitrosodimethylamine | 58-18-5 | 0.40 | 28 |
| U176 | N-Nitroso-N-ethylurea | N-Nitroso-N-ethylurea | 759-73-9 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| U177 | N-Nitroso-N-methylurea | N-Nitroso-N-methylurea | 684-93-5 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| U178 | N-Nitroso-N-methylurethane | N-Nitroso-N-methylurethane | 615-53-2 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| U179 | N-Nitrosopiperidine | N-Nitrosopiperidine | 100-75-4 | 0.013 | 35 |
| U180 | N-Nitrosopyrrolidine | N-Nitrosopyrrolidine | 830-55-2 | 0.013 | 35 |
| U181 | 5-Nitro-o-toluidine | 5-Nitro-o-toluidine | 89-55-8 | 0.32 | 28 |
| U182 | Paraldehyde | Paraldehyde | 123-63-7 | (WETOX or CHOXD) lb CARBN; or INCIN | CMBST |
| U183 | Pentachlorobenzene | Pentachlorobenzene | 608-93-5 | 0.055 | 10 |

| Waste Code | Waste Description and Treatment/Regulatory Subcategory | REGULATED HAZARDOUS CONSTITUENT | | WASTEWATERS Concentration in mg/l; or Technology Code* | NONWASTEWATERS Concentration in mg/kg ¹ unless noted as "mg/l TCLP"; or Technology Code |
|------------|--|--|-------------------------|--|---|
| | | Common Name | CAS ² Number | | |
| U184 | Pentachloroethane | Pentachloroethane | 76-01-7 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| U185 | Pentachloronitrobenzene | Pentachloroethane; alternate ³ standards for both wastewaters and nonwastewaters | 76-01-7 | 0.055 | 6.0 |
| U186 | 1,3-Pentadiene | Pentachloronitrobenzene | 82-68-8 | 0.055 | 4.8 |
| U187 | Phenacetin | 1,3-Pentadiene | 504-60-9 | (WETOX or CHOXD) lb CARBN; or INCIN | CMBST |
| U188 | Phenol | Phenacetin | 62-44-2 | 0.081 | 18 |
| U189 | Phosphorus sulfide | Phenol | 108-95-2 | 0.038 | 6.2 |
| U190 | Phthalic anhydride | Phosphorus sulfide | 1314-80-3 | CHOXD; CHRED; or INCIN | CHOXD, CHRED; or INCIN |
| U191 | 2-Picoline | Phthalic anhydride (measured as Phthalic acid) | 100-21-0 | 0.055 | 28 |
| U192 | Pronamide | Phthalic anhydride | 85-44-8 | 0.055 | 28 |
| U193 | 1,3-Propane sulfone | 2-Picoline | 108-06-8 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| U194 | n-Propylamine | Pronamide | 23950-58-5 | 0.093 | 1.5 |
| U198 | Pyridine | 1,3-Propane sulfone | 1120-71-4 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| U197 | p-Benzoquinone | n-Propylamine | 107-10-8 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| U200 | Reserpine | Pyridine | 110-98-1 | 0.014 | 18 |
| U201 | Resorcinol | p-Benzoquinone | 106-51-4 | (WETOX or CHOXD) lb CARBN; or INCIN | CMBST |
| U202 | Saccharin and salts | Reserpine | 50-55-5 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| U203 | Safrole | Resorcinol | 108-46-3 | (WETOX or CHOXD) lb CARBN; or INCIN | CMBST |
| U204 | Selenium dioxide | Saccharin | 81-07-2 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| U205 | Selenium sulfide | Safrole | 94-59-7 | 0.081 | 22 |
| U206 | Streptozotocin | Selenium dioxide | 7782-48-2 | 0.82 | 0.16 mg/l TCLP |
| | | Selenium sulfide | 7782-48-2 | 0.82 | 0.16 mg/l TCLP |
| | | Streptozotocin | 18883-66-4 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |

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| Waste Code | Waste Description and Treatment/Regulatory Subcategory ¹ | REGULATED HAZARDOUS CONSTITUENT | | WASTEWATERS Concentration in mg/l; or Technology Code ² | NONWASTEWATERS Concentration in mg/kg ³ unless noted as "mg/l TCLP"; or Technology Code |
|------------|---|--|-------------------------|--|---|
| | | Common Name | CAS ⁴ Number | | |
| U207 | 1,2,4,5-Tetrachlorobenzene | 1,2,4,5-Tetrachlorobenzene | 95-84-3 | 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 | 78-34-5 | 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) lb CARBN; or INCIN | CMBST |
| U214 | Thallium (I) acetate | Thallium (measured in wastewater only) | 7440-28-0 | 1.4 | RTHRM; or STABL |
| U215 | Thallium (I) carbonate | Thallium (measured in wastewater only) | 7440-28-0 | 1.4 | RTHRM; or STABL |
| U216 | Thallium (I) chloride | Thallium (measured in wastewater only) | 7440-28-0 | 1.4 | RTHRM; or STABL |
| U217 | Thallium (I) nitrate | Thallium (measured in wastewater only) | 7440-28-0 | 1.4 | RTHRM; or STABL |
| U218 | Thioacetamide | Thioacetamide | 62-55-5 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| U219 | Thiourea | Thiourea | 62-58-6 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| U220 | Toluene | Toluene | 108-98-3 | 0.080 | 10 |
| U221 | Toluene diisocyanate | Toluene diisocyanate | 26278-46-8 | CARBN; or INCIN | CMBST |
| U222 | o-Toluidine hydrochloride | o-Toluidine hydrochloride | 636-21-6 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| U223 | Toluene diisocyanate | Toluene diisocyanate | 26471-62-6 | CARBN; or INCIN | CMBST |
| U225 | Bromoform (tribromomethane) | Bromoform (tribromomethane) | 75-25-2 | 6.65 | 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 | 78-00-5 | 0.054 | 6.0 |
| U228 | Trichloroethylene | Trichloroethylene | 79-01-6 | 0.054 | 6.0 |
| U234 | 1,3,5-Trinitrobenzene | 1,3,5-Trinitrobenzene | 88-35-4 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| U235 | tris(2,3-Dibromopropyl)phosphate | tris(2,3-Dibromopropyl)phosphate | 126-72-7 | 0.11 | 0.10 |
| U236 | Triphen Blue | Triphen Blue | 72-57-1 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| U237 | Urethyl mustard | Urethyl mustard | 66-75-1 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |

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| Waste Code | Waste Description and Treatment/Regulatory Subcategory ¹ | REGULATED HAZARDOUS CONSTITUENT | | WASTEWATERS Concentration in mg/l; or Technology Code ² | NONWASTEWATERS Concentration in mg/lg ³ unless noted as "mg/l TCLP"; or Technology Code |
|------------|--|---|-------------------------|--|---|
| | | Common Name | CAS ⁴ Number | | |
| U238 | Urethane (Ethyl carbamate) | Urethane (Ethyl carbamate) | 51-79-6 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| U238 | 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) | 84-75-7 | 0.72 | 10 |
| U243 | Hexachloropropylene | Hexachloropropylene | NA | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| U244 | Thiram | Thiram | 1888-71-7 | 0.035 | 30 |
| U246 | Cyrenogen bromide | Cyrenogen bromide | 137-26-8 | (WETOX or CHOXD) lb CARBN; or INCIN | INCIN |
| U247 | Methoxychlor | Methoxychlor | 506-68-3 | CHOXD; WETOX; or INCIN | CHOXD; WETOX; or INCIN |
| U248 | Warfarin, & salts, when present at concentrations of 0.3% or less | Warfarin | 72-43-5 | 0.25 | 0.18 |
| U249 | Zinc phosphide, Zn ₃ P ₂ , when present at concentrations of 10% or less | Warfarin | 81-81-2 | (WETOX or CHOXD) lb CARBN; or INCIN | CMBST |
| U328 | o-Toluidine | Zinc Phosphide | 1314-84-7 | CHOXD; CHRED; or INCIN | CHOXD; CHRED; or INCIN |
| U353 | p-Toluidine | o-Toluidine | 95-53-4 | INCIN; or CHOXD lb (BIODG or CARBN); or BIODG lb CARBN. | INCIN; or Thermal Destruction |
| U358 | 2-Ethoxyethanol | p-Toluidine | 106-48-0 | INCIN; or CHOXD lb (BIODG or CARBN); or BIODG lb CARBN | INCIN, or Thermal Destruction |
| | | 2-Ethoxyethanol | 110-80-5 | INCIN; or CHOXD lb (BIODG or CARBN); or BIODG lb CARBN | CMBST |

1 The waste descriptions provided in this table do not replace waste descriptions in 40 CFR part 261. Descriptions of Treatment/Regulatory Subcategories are provided, as needed, to distinguish between applicability of different standards.
 2 CAS means Chemical Abstract Services. When the waste code and/or regulated constituents are described as a combination of a chemical with its salts and/or esters, the CAS number is given for the parent compound only.
 3 Concentration standards for wastewaters are expressed in mg/l unless otherwise noted. All treatment standards expressed as a Technology Code or combination of Technology Codes are explained in detail in 40 CFR 268.43, Table 1 - Technology Codes and Descriptions of Technology-Based Standards.
 4 All treatment standards expressed as a Technology Code or combination of Technology Codes are explained in detail in 40 CFR 268.43, Table 1 - Technology Codes and Descriptions of Technology-Based Standards.
 5 Except for Metals (EP or TCLP) and Cyanides (Total and Amenable) the nonwastewater treatment standards expressed as a concentration in units operated in accordance with the technical requirements of 40 CFR part 264, subpart O or 40 CFR part 265, subpart O, or based upon combustion in fuel substitution units operating in accordance with applicable technical requirements. A facility may comply with these treatment standards according to provisions in 40 CFR 268.43(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 the alternate standard, but only for the Treatment/Regulatory Subcategory or physical form (i.e., wastewater and/or nonwastewater) specified for that alternate standard.
 7 Both Cyanides (Total) and Cyanides (Amenable) for nonwastewaters are to be analyzed using Method 8010 or 8012, found in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", EPA Publication SW-846, as incorporated by reference in 40 CFR 260.11, with a sample size of 10 grams and a distillation time of one hour and 15 minutes.

NOTE: NA means not applicable.

25. Section 268.41 is revised to read as follows:

§ 268.41 Treatment standards expressed as concentrations in waste extract.

For the requirements previously found in this section and for treatment standards in Table CCWE—Constituent Concentrations in Waste Extracts, refer to § 268.40.

26. Section 268.42 is amended by removing Table 2 and Table 3; revising paragraphs (a) introductory text, (c)(2), and (d); adding a note before paragraph (a); and adding the entry "CMBST" into

Table 1.—Technology Codes and Description of Technology-Based Standards in alphabetical order, to read as follows:

§ 268.42 Treatment standards expressed as specified technologies.

Note: For the requirements previously found in this section in Table 2—Technology-Based Standards By RCRA Waste Code, and Table 3—Technology-Based Standards for Specific Radioactive Hazardous Mixed Waste, refer to § 268.40.

(a) The following wastes in paragraphs (a)(1) and (a)(2) of this section and in the table in § 268.40 "Treatment Standards for Hazardous Wastes," for which standards are expressed as a treatment method rather than a concentration level, must be treated using the technology or technologies specified in paragraphs (1) and (a)(2) and Table 1 of this section.

* * * *

TABLE 1.—Technology Codes and Description of Technology-Based Standards

| Technology code | Description of technology-based standards |
|-----------------|---|
| CMBST | Combustion in incinerators, boilers, or industrial furnaces operated in accordance with the applicable requirements of 40 CFR part 264, subpart O, or 40 CFR part 266, subpart H. |

* * * *

(c) * * *
(2) The lab pack does not contain any of the wastes listed in Appendix IV to part 268.

* * * *

(d) Radioactive hazardous mixed wastes are subject to the treatment standards in § 268.40. Where treatment standards are specified for radioactive mixed wastes in the Table of Treatment Standards, those treatment standards will govern. Where there is no specific treatment standard for radioactive mixed waste, the treatment standard for the hazardous waste (as designated by EPA waste code) applies. Hazardous debris containing radioactive waste is subject to the treatment standards specified in § 268.45.

28. Section 268.43 is revised to read as follows:

§ 268.43 Treatment standards expressed as waste concentrations.

For the requirements previously found in this section and for treatment standards in Table CCW—Constituent

Concentrations in Wastes, refer to § 268.40.

29. Section 268.45(b)(2) is revised to read as follows:

§ 268.45 Treatment standards for hazardous debris.

* * * *

(b) * * *

(2) Debris contaminated with listed waste. The contaminants subject to treatment for debris that is contaminated with a prohibited listed hazardous waste are those constituents or wastes for which treatment standards are established for the waste under § 268.40.

30. Section 268.46 is revised to read as follows:

§ 268.46 Alternative treatment standards based on HTMR.

For the treatment standards previously found in this section, refer to § 268.40.

31. In Subpart D, § 268.48 is added to read as follows:

§ 268.48 Universal Treatment Standards

(a) Table UTS identifies the hazardous constituents, along with the nonwastewater and wastewater treatment standard levels, that are used to regulate most prohibited hazardous wastes with numerical limits. For determining compliance with treatment standards for underlying hazardous constituents as defined in § 268.2(i), these treatment standards may not be exceeded. Compliance with these treatment standards is measured by an analysis of grab samples, unless otherwise noted in the following Table UTS.

§ 268.48 TABLE UTS—UNIVERSAL TREATMENT STANDARDS

| Regulated constituent—common name | CAS ¹ No. | Wastewater standard. Concentration in mg/2 | Nonwastewater standard. Concentration in mg/kg ³ unless noted as "mg/l TCLP" |
|-----------------------------------|----------------------|--|---|
| Benaphthylene | 208-96-8 | 0.059 | 3.4 |
| Benaphthene | 83-32-9 | 0.059 | 3.4 |
| Benzene | 67-64-1 | 0.28 | 160 |
| Betonitrile | 75-05-8 | 5.6 | 1.8 |
| Betophenone | 96-86-2 | 0.010 | 9.7 |
| Acetylaminofluorene | 53-96-3 | 0.059 | 140 |
| Cholein | 107-02-8 | 0.29 | NA |
| Crylamide | 79-06-1 | 19 | 23 |
| Crylonitrile | 107-13-1 | 0.24 | 84 |
| Dibenzodioxin | 309-00-2 | 0.021 | 0.066 |
| Aminobiphenyl | 92-67-1 | 0.13 | NA |
| Dibenzofuran | 62-53-3 | 0.81 | 14 |
| Dibenzofuran | 120-12-7 | 0.059 | 3.4 |
| Dibenzofuran | 140-57-8 | 0.36 | NA |
| Polychlorinated biphenyls (PCBs) | 319-84-6 | 0.00014 | 0.066 |
| Polychlorinated biphenyls (PCBs) | 319-85-7 | 0.00014 | 0.066 |
| Polychlorinated biphenyls (PCBs) | 319-86-8 | 0.023 | 0.066 |
| Polychlorinated biphenyls (PCBs) | 58-89-9 | 0.0017 | 0.066 |
| Polychlorinated biphenyls (PCBs) | 71-43-2 | 0.14 | 10 |

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§ 268.48 TABLE UTS—UNIVERSAL TREATMENT STANDARDS—Continued

| Regulated constituent—common name | CAS ¹ No. | Wastewater standard. Concentration in mg/2 | Nonwastewater standard. Concentration in mg/kg ³ unless noted as "mg/l TCLP" |
|---|----------------------|--|---|
| Benz(a)anthracene | 56-55-3 | 0.059 | 3.4 |
| Benzo(b)fluoranthene (difficult to distinguish from benzo(k)fluoranthene) | 98-87-3 | 0.055 | 6.0 |
| Benzo(k)fluoranthene (difficult to distinguish from benzo(b)fluoranthene) | 205-99-2 | 0.11 | 6.8 |
| Benzo(g,h,i)perylene | 207-08-9 | 0.11 | 6.8 |
| Benzo(a)pyrene | 191-24-2 | 0.0055 | 1.8 |
| Bromodichloromethane | 50-32-8 | 0.061 | 3.4 |
| Methyl bromide (Bromomethane) | 75-27-4 | 0.35 | 15 |
| 4-Bromophenyl phenyl ether | 74-83-9 | 0.11 | 15 |
| n-Butyl alcohol | 101-55-3 | 0.055 | 15 |
| Butyl benzyl phthalate | 71-36-3 | 5.6 | 2.6 |
| 2-sec-Butyl-4,6-dinitrophenol (Dinoseb) | 85-68-7 | 0.017 | 28 |
| Carbon disulfide | 88-85-7 | 0.066 | 2.5 |
| Carbon tetrachloride | 75-15-0 | 3.8 | 4.8 mg/l TCLP |
| Chlordane (alpha and gamma isomers) | 56-23-5 | 0.057 | 6.0 |
| p-Chloroaniline | 57-74-9 | 0.0033 | 0.26 |
| Chlorobenzene | 106-47-8 | 0.46 | 16 |
| Chlorobenzilate | 108-90-7 | 0.057 | 6.0 |
| 2-Chloro-1,3-butadiene | 510-15-6 | 0.10 | NA |
| Chlorodibromomethane | 126-99-8 | 0.057 | 0.28 |
| Chloroethane | 124-48-1 | 0.057 | 15 |
| bis(2-Chloroethoxy)methane | 75-00-3 | 0.27 | 6.0 |
| bis(2-Chloroethyl)ether | 111-91-1 | 0.036 | 7.2 |
| Chloroform | 111-44-4 | 0.033 | 6.0 |
| bis(2-Chloroisopropyl)ether | 67-66-3 | 0.046 | 6.0 |
| p-Chloro-m-cresol | 108-60-1 | 0.055 | 7.2 |
| 2-Chloroethyl vinyl ether | 59-50-7 | 0.018 | 14 |
| Chloromethane (Methyl chloride) | 110-75-8 | 0.062 | NA |
| 2-Chloronaphthalene | 74-87-3 | 0.19 | 30 |
| 2-Chlorophenol | 91-58-7 | 0.055 | 5.6 |
| 3-Chloropropylene | 95-57-8 | 0.044 | 5.7 |
| Chrysene | 107-05-1 | 0.036 | 30 |
| o-Cresol | 218-01-9 | 0.059 | 3.4 |
| m-Cresol (difficult to distinguish from p-cresol) | 95-48-7 | 0.11 | 5.6 |
| p-Cresol (difficult to distinguish from m-cresol) | 108-39-4 | 0.77 | 5.6 |
| Cyclohexanone | 106-44-5 | 0.77 | 5.6 |
| 1,2-Dibromo-3-chloropropane | 108-94-1 | 0.36 | 0.75 mg/l TCLP |
| Ethylene dibromide (1,2-Dibromoethane) | 96-12-8 | 0.11 | 15 |
| Dibromomethane | 106-93-4 | 0.028 | 15 |
| 2,4-D (2,4-Dichlorophenoxyacetic acid) | 74-95-3 | 0.11 | 15 |
| o,p'-DDD | 94-75-7 | 0.72 | 10 |
| p,p'-DDD | 53-19-0 | 0.023 | 0.087 |
| o,p'-DDE | 72-54-8 | 0.023 | 0.087 |
| p,p'-DDE | 3424-82-6 | 0.031 | 0.087 |
| o,p'-DDT | 72-55-9 | 0.031 | 0.087 |
| p,p'-DDT | 789-02-6 | 0.0039 | 0.087 |
| Dibenz(a,h)anthracene | 50-29-3 | 0.0039 | 0.087 |
| Dibenz(a,e)pyrene | 53-70-3 | 0.055 | 8.2 |
| m-Dichlorobenzene | 192-65-4 | 0.061 | NA |
| o-Dichlorobenzene | 541-73-1 | 0.036 | 6.0 |
| p-Dichlorobenzene | 95-50-1 | 0.088 | 6.0 |
| Dichlorodifluoromethane | 106-46-7 | 0.090 | 6.0 |
| 1,1-Dichloroethane | 75-71-8 | 0.23 | 7.2 |
| 1,2-Dichloroethane | 75-34-3 | 0.059 | 6.0 |
| 1,1-Dichloroethylene | 107-06-2 | 0.21 | 6.0 |
| trans-1,2-Dichloroethylene | 75-35-4 | 0.025 | 6.0 |
| 2,4-Dichlorophenol | 156-60-5 | 0.054 | 30 |
| 2,6-Dichlorophenol | 120-83-2 | 0.044 | 14 |
| 1,2-Dichloropropane | 87-65-0 | 0.044 | 14 |
| cis-1,3-Dichloropropylene | 78-87-5 | 0.85 | 18 |
| trans-1,3-Dichloropropylene | 10061-01-5 | 0.036 | 18 |
| Diethyl phthalate | 10061-02-6 | 0.036 | 18 |
| 2,4-Dimethyl phenol | 60-57-1 | 0.017 | 0.13 |
| Dimethyl phthalate | 84-66-2 | 0.20 | 28 |
| Di-n-butyl phthalate | 105-67-9 | 0.036 | 14 |
| 1,4-Dinitrobenzene | 131-11-3 | 0.047 | 28 |
| 4,6-Dinitro-o-cresol | 84-74-2 | 0.057 | 28 |
| 2,4-Dinitrophenol | 100-25-4 | 0.32 | 2.3 |
| | 534-52-1 | 0.28 | 160 |
| | 51-28-5 | 0.12 | 160 |

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§ 268.48 TABLE UTS—UNIVERSAL TREATMENT STANDARDS—Continued

| Regulated constituent—common name | CAS ¹ No. | Wastewater standard. Concentration in mg/l ² | Nonwastewater standard. Concentration in mg/kg ³ unless noted as "mg/l TCLP" |
|---|----------------------|---|---|
| 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 |
| p-Dimethylaminoazobenzene | 60-11-7 | 0.13 | NA |
| Di-n-propylnitrosamine | 621-64-7 | 0.40 | 14 |
| 1,4-Dioxane | 123-91-1 | NA | 170 |
| Diphenylamine (difficult to distinguish from diphenylnitrosamine) | 122-39-4 | 0.92 | 13 |
| Diphenylnitrosamine (difficult to distinguish from diphenylamine) | 86-30-6 | 0.92 | 13 |
| 1,2-Diphenylhydrazine | 122-66-7 | 0.087 | NA |
| Disulfoton | 298-04-4 | 0.017 | 6.2 |
| Endosulfan I | 939-98-8 | 0.023 | 0.066 |
| Endosulfan II | 33213-6-5 | 0.029 | 0.13 |
| Endosulfan sulfate | 1-31-07-8 | 0.029 | 0.13 |
| Endrin | 72-20-8 | 0.0028 | 0.13 |
| Endrin aldehyde | 7421-93-4 | 0.025 | 0.13 |
| Endrin acetate | 141-78-6 | 0.34 | 33 |
| Endrin cyanide (Propanenitrile) | 107-12-0 | 0.24 | 360 |
| Endrin benzene | 100-41-4 | 0.057 | 10 |
| Endrin ether | 60-29-7 | 0.12 | 160 |
| Endrin (2-Ethylhexyl) phthalate | 117-81-7 | 0.28 | 28 |
| Endrin methacrylate | 97-63-2 | 0.14 | 160 |
| Endrin ethylene oxide | 75-21-8 | 0.12 | NA |
| Endrin sulfur | 52-85-7 | 0.017 | 15 |
| Endrin anthene | 206-44-0 | 0.068 | 3.4 |
| Endrin uorene | 86-73-7 | 0.059 | 3.4 |
| Endrin ptachlor | 76-44-8 | 0.0012 | 0.066 |
| Endrin ptachlor epoxide | 1024-57-3 | 0.016 | 0.066 |
| Endrin hexachlorobenzene | 118-74-1 | 0.055 | 10 |
| Endrin hexachlorobutadiene | 87-68-3 | 0.055 | 5.6 |
| Endrin hexachlorocyclopentadiene | 77-47-4 | 0.057 | 2.4 |
| Endrin CDDs (All Hexachlorodibenzo-p-dioxins) | NA | 0.000063 | 0.001 |
| Endrin KCDFs (All Hexachlorodibenzofurans) | NA | 0.000063 | 0.001 |
| Endrin hexachloroethane | 67-72-1 | 0.055 | 30 |
| Endrin hexachloropropylene | 1888-71-7 | 0.035 | 30 |
| Endrin beno (1,2,3-c,d) pyrene | 193-39-5 | 0.0055 | 3.4 |
| Endrin domethane | 74-88-4 | 0.19 | 65 |
| Endrin obutyl alcohol | 78-83-1 | 5.6 | 170 |
| Endrin odrin | 465-73-6 | 0.021 | 0.066 |
| Endrin osafrole | 120-58-1 | 0.081 | 2.6 |
| Endrin pnone | 143-50-8 | 0.0011 | 0.13 |
| Endrin methacrylonitrile | 126-98-7 | 0.24 | 84 |
| Endrin ethanol | 67-56-1 | 5.6 | 0.75 mg/l TCLP |
| Endrin methapyrilene | 91-80-5 | 0.081 | 1.5 |
| Endrin ethoxychlor | 72-43-5 | 0.25 | 0.18 |
| Endrin Methylcholanthrene | 56-49-5 | 0.0055 | 15 |
| Endrin 4-Methylene bis(2-chloroaniline) | 101-14-4 | 0.50 | 30 |
| Endrin ethylene chloride | 75-09-2 | 0.089 | 30 |
| Endrin ethyl ethyl ketone | 78-93-3 | 0.28 | 36 |
| Endrin ethyl isobutyl ketone | 108-10-1 | 0.14 | 33 |
| Endrin ethyl methacrylate | 80-62-6 | 0.14 | 160 |
| Endrin ethyl methansulfonate | 66-27-3 | 0.018 | NA |
| Endrin ethyl parathion | 298-00-0 | 0.014 | 4.6 |
| Endrin naphthalene | 91-20-3 | 0.059 | 5.6 |
| Endrin Naphthylamine | 91-59-8 | 0.52 | NA |
| Endrin Nitroaniline | 88-74-4 | 0.27 | 14 |
| Endrin Nitroaniline | 100-01-6 | 0.028 | 28 |
| Endrin Nitrobenzene | 98-95-3 | 0.068 | 14 |
| Endrin Nitro-o-toluidine | 99-55-8 | 0.32 | 28 |
| Endrin Nitrophenol | 88-75-5 | 0.028 | 13 |
| Endrin Nitrophenol | 100-02-7 | 0.12 | 29 |
| Endrin Nitrosodiethylamine | 55-18-5 | 0.40 | 28 |
| Endrin Nitrosodimethylamine | 62-75-9 | 0.40 | 2.3 |
| Endrin Nitroso-di-n-butylamine | 924-16-3 | 0.40 | 17 |
| Endrin Nitrosomethylethylamine | 10595-95-6 | 0.40 | 2.3 |
| Endrin Nitrosomorpholine | 59-89-2 | 0.40 | 2.3 |
| Endrin Nitrosopiperidine | 100-75-4 | 0.013 | 35 |
| Endrin Nitrosopyrrolidine | 930-55-2 | 0.013 | 35 |
| Endrin Parathion | 56-38-2 | 0.014 | 4.6 |
| Endrin Total PCBs (sum of all PCB isomers, or all Aroclors) | 1336-36-3 | 0.10 | 10 |

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§ 268.48 TABLE UTS—UNIVERSAL TREATMENT STANDARDS—Continued

| Regulated constituent—common name | CAS ¹ No. | Wastewater standard. Concentration in mg/2 | Nonwastewater standard. Concentration in mg/kg ³ unless noted as "mg/l TCLP" |
|--|----------------------|--|---|
| Pentachlorobenzene | 608-93-5 | 0.055 | 10 |
| PeCDDs (All Pentachlorodibenzo-p-dioxins) | NA | 0.000063 | 0.001 |
| PeCDFs (All Pentachlorodibenzofurans) | NA | 0.000035 | 0.001 |
| Pentachloroethane | 76-01-7 | 0.055 | 6.0 |
| Pentachloronitrobenzene | 82-68-8 | 0.055 | 4.8 |
| Pentachlorophenol | 87-86-5 | 0.089 | 7.4 |
| Phenacetin | 62-44-2 | 0.081 | 16 |
| Phenanthrene | 85-01-8 | 0.059 | 5.6 |
| Phenol | 108-95-2 | 0.039 | 6.2 |
| Phorate | 298-02-2 | 0.021 | 4.6 |
| Phthalic acid | 100-21-0 | 0.055 | 28 |
| Phthalic anhydride | 85-44-9 | 0.055 | 28 |
| 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 (2,4,5-Trichlorophenoxyacetic acid) | 93-76-5 | 0.72 | 7.9 |
| 1,2,4,5-Tetrachlorobenzene | 95-94-3 | 0.055 | 14 |
| TCDDs (All Tetrachlorodibenzo-p-dioxins) | NA | 0.000063 | 0.001 |
| TCDFs (All Tetrachlorodibenzofurans) | NA | 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 ⁴ |
| tris-(2,3-Dibromopropyl) phosphate | 126-72-7 | 0.11 | 0.10 |
| 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 | 2.1 mg/l TCLP |
| Arsenic | 7440-38-2 | 1.4 | 5.0 mg/l TCLP |
| Barium | 7440-39-3 | 1.2 | 7.6 mg/l TCLP |
| Beryllium | 7440-41-7 | 0.82 | 0.014 mg/l TCLP |
| Cadmium | 7440-43-9 | 0.69 | 0.19 mg/l TCLP |
| Chromium (Total) | 7440-47-3 | 2.77 | 0.86 mg/l TCLP |
| Cyanides (Total) ⁴ | 57-12-5 | 1.2 | 590 |
| Cyanides (Amenable) ⁴ | 57-12-5 | 0.86 | 30 |
| Fluoride | 16964-48-8 | 35 | NA |
| Lead | 7439-92-1 | 0.69 | 0.37 mg/l TCLP |
| Mercury—Nonwastewater from Retort | 7439-97-6 | NA | 0.20 mg/l TCLP |
| Mercury—All Others | 7439-97-6 | 0.15 | 0.025 mg/l TCLP |
| Nickel | 7440-02-0 | 3.98 | 5.0 mg/l TCLP |
| Selenium | 7782-49-2 | 0.82 | 0.16 mg/l TCLP |
| Silver | 7440-22-4 | 0.43 | 0.30 mg/l TCLP |
| Sulfide | 8496-25-8 | 14 | NA |
| Thallium | 7440-28-0 | 1.4 | 0.078 mg/l TCLP |
| Vanadium | 7440-62-2 | 4.3 | 0.23 mg/l TCLP |
| Zinc ⁵ | 7440-66-6 | 2.61 | 5.3 mg/l TCLP |

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

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

³ Except for Metals (EP or TCLP) and Cyanides (Total and Amenable) the nonwastewater treatment standards expressed as a concentration were established, in part, based upon incineration in units operated in accordance with the technical requirements of 40 CFR part 264, subpart O or 40 CFR part 265, subpart O, or based upon combustion in fuel substitution units operating in accordance with applicable technical requirements. A facility may comply with these treatment standards according to provisions in 40 CFR 268.40(d). All concentration standards for nonwastewaters are based on analysis of grab samples.

⁴ Both Cyanides (Total) and Cyanides (Amenable) for nonwastewaters are to be analyzed using Method 9010 or 9012, found in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", EPA Publication SW-846, as incorporated by reference in 40 CFR 260.11, with a sample size of 10 grams and a distillation time of one hour and 15 minutes.

⁶ Zinc is not an "underlying hazardous constituent" in characteristic wastes, according to the definition at 268.2(i).
 Note: NA means not applicable.

Appendix IV to Part 268 [Revised]
 32. Appendix IV to part 268 is revised to read as follows:

Appendix IV to Part 268—Wastes Excluded From Lab Packs Under the Alternative Treatment Standards of § 268.42(c)

Hazardous waste with the following EPA Hazardous Waste Codes may not be placed in lab packs under the alternative lab pack treatment standards of § 268.42(c): D009,

F019, K003, K004, K005, K006, K062, K071, K100, K106, P010, P011, P012, P076, P078, U134, U151.

Appendix V to Part 268 [Removed]

33. Appendix V to part 268 is removed and reserved.

Appendix X to Part 268 [Added]

34. Appendix X to part 268 is added to read as follows:

APPENDIX X TO PART 268—RECORDKEEPING, NOTIFICATION, AND/OR CERTIFICATION REQUIREMENTS

| Entity | Scenario | Frequency | Recipient of notification | Recordkeeping, notification, and/or certification requirements |
|--------------------|---|---|---|---|
| I. Generator | A. Waste does not meet applicable treatment standards or exceeds applicable prohibition levels (see § 268.7(a)(1)). | Each shipment | Treatment or storage facility. | Notice must include: • EPA hazardous waste number. • Constituents of concern. • Treatability group. • Manifest number. • Waste analysis data (where available). |
| | B. Waste can be disposed of without further treatment (meets applicable treatment standards or does not exceed prohibition levels upon generation) (see § 268.7(a)(2)). | Each shipment | Land disposal facility .. | Notice and certification statement that waste meets applicable treatment standards or applicable prohibition levels. Notice must include: • EPA hazardous waste number. • Constituents of concern. • Treatability group. • Manifest number. • Waste analysis data (where available). Certification statement required under § 268.7(a)(2)(ii) that waste complies with treatment standards and prohibitions. |
| | C. Waste is subject to exemption from a prohibition on the type of land disposal utilized for the waste, such as a case-by-case extension under § 268.5, an exemption under § 268.6, or a nationwide capacity variance (see § 268.7(a)(3)). | Each shipment | Receiving facility | Notice must include: • Statement that waste is not prohibited from land disposal. • EPA hazardous waste number. • Constituents of concern. • Treatability group. • Manifest number. • Waste analysis data (where available). • Date the waste is subject to the prohibitions. |
| | D. Waste is being accumulated in tanks or containers regulated under 40 CFR 262.34 and is being treated in such tanks or containers to meet applicable treatment standards (see § 268.7(a)(4)). | Minimum of 30 days prior to treatment activity. | EPA Regional Administrator (or designated representative) or authorized State. Delivery must be verified. | Generator must develop, keep on-site, and follow a written waste analysis plan describing procedures used to comply with the treatment standards. If waste is shipped off-site, generator also must comply with notification requirement of § 268.7(a)(2). |
| | E. Generator is managing a lab pack containing certain wastes and wishes to use an alternative treatment standard (see § 268.7(a)(8)). | Each shipment | Treatment facility | Notice in accordance with § 268.7(a)(1), (a)(5), and (a)(6), where applicable. Certification in accordance with § 268.7(a)(8). |

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APPENDIX X TO PART 268—RECORDKEEPING, NOTIFICATION, AND/OR CERTIFICATION REQUIREMENTS—Continued

| Entity | Scenario | Frequency | Recipient of notification | Recordkeeping, notification, and/or certification requirements |
|--------------------------|---|-----------------------|---|---|
| Treatment Facility | F. Small quantity generators with tolling agreements (pursuant to 40 CFR 262.20(e)) (see §268.7(a)(9)). | Initial shipment | Treatment facility | Must comply with applicable notification and certification requirements in §268.7(a). Generator also must retain copy of the notification and certification together with tolling agreement on-site for at least 3 years after termination or expiration of agreement. |
| | G. Generator has determined waste is restricted based solely on his knowledge of the waste (see §268.7(a)(5)). | N/A | Generator's file | All supporting data must be retained on-site in generator's files. |
| | H. Generator has determined waste is restricted based on testing waste or an extract (see §268.7(a)(5)). | N/A | Generator's file | All waste analysis data must be retained on-site in generator's files. |
| | I. Generator has determined that waste is excluded from the definition of hazardous or solid waste or exempt from Subtitle C regulation (see §268.7(a)(6)). | One-time | Generator's file | Notice of generation and subsequent exclusion from the definition of hazardous or solid waste, or exemption from Subtitle C regulation, and information regarding the disposition of the waste. |
| | J. Generator (or treater) claims that hazardous debris is excluded from the definition of hazardous waste under 40 CFR 261.3(f)(1) (see §268.7(d)). | One-time | EPA Regional Administrator or authorized State. Notification must be updated as necessary under §268.7(d)(2). | Notice must include: • Name and address of Subtitle D facility receiving treated debris. • EPA hazardous waste number and description of debris as initially generated. • Technology used to treat the debris (Table 1 of §268.45). Certification and recordkeeping in accordance with §268.7(d)(3). |
| | K. Generator (or treater) claims that characteristic wastes are no longer hazardous (see §268.9(d)). | One-time | Generator's (or Treater's) files and EPA Regional Administrator or authorized State. Notification must be updated as necessary under §268.9(d). | Notice must include: • Name and address of Subtitle D facility receiving the waste. • EPA hazardous waste number and description of waste as initially generated. • Treatability group. • Underlying hazardous constituents. Certification in accordance with §268.9(d)(2). |
| | L. Other recordkeeping requirements (see §268.7(a)(7)). | N/A | Generator's file | Generator must retain a copy of all notices, certifications, demonstrations, waste analysis data, and other documentation produced pursuant to §268.7 on-site for at least 5 years from the date that the waste was last sent to on-site or off-site treatment, storage, or disposal. This period is automatically extended during enforcement actions or as requested by the Administrator. |
| | A. Waste shipped from treatment facility to land disposal facility (see §268.7(b)(4), (b)(5)). | Each shipment | Land disposal facility .. | Notice must include: • EPA hazardous waste number. • Constituents of concern. • Treatability group. • Manifest number. • Waste analysis data (where available). Applicable certification, in accordance with §268.7(b)(5)(i), (ii) or (iii), stating that the waste or treatment residue has been treated in compliance with applicable treatment standards and prohibitions. |

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APPENDIX X TO PART 268—RECORDKEEPING, NOTIFICATION, AND/OR CERTIFICATION REQUIREMENTS—Continued

| Entity | Scenario | Frequency | Recipient of notification | Recordkeeping, notification, and/or certification requirements |
|---------------------------------|--|--------------------|---|--|
| III. Land Disposal Facility ... | B. Waste treatment residue from a treatment or storage facility will be further managed at a different treatment or storage facility (see §268.7(b)(6)). | Each shipment | Receiving facility | Treatment, storage, or disposal facility must comply with all notice and certification requirements applicable to generators. |
| | C. Where wastes are recyclable materials used in a manner constituting disposal subject to §266.20(b) (see §268.7(b)(7)). | Each shipment | Regional Administrator (or delegated representative). | No notification to receiving facility required pursuant to §268.7(b)(4). Certification as described in §268.7(b)(5) and notice with information listed in §268.7(b)(4), except manifest number. Recycling facility must keep records of the name and location of each entity receiving hazardous waste-derived products. |
| | A. Wastes accepted by land disposal facility (see §268.7(c)). | N/A | N/A | Maintain copies of notice and certifications specified in §268.7(a) and (b). |

Certification Statements

A. I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR part 268, subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment. (§ 268.7(a)(2)(ii))

B. I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack does not contain any wastes identified at § 268.42(c)(2). I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment. (§ 268.7(a)(8))

C. I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR part 268, subpart D, and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d) without impermissible dilution of the prohibited waste. I am aware

that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment. (§ 268.7(b)(5)(i))

D. I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.42. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment. (§ 268.7(b)(5)(ii))

E. I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater organic constituents have been treated by incineration in units operated in accordance with 40 CFR part 264, subpart O or 40 CFR part 265, subpart O, or by combustion in fuel substitution units operating in accordance with applicable technical requirements, and I have been unable to detect the nonwastewater organic constituents, despite having used best good faith efforts to analyze for such constituents. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment. (§ 268.7(b)(5)(iii))

F. I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic. This decharacterized waste contains underlying hazardous constituents that require further

treatment to meet universal treatment standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment. (§ 268.7(b)(5)(iv))

G. I certify under penalty of law that the debris have been treated in accordance with the requirements of 40 CFR 268.45. I am aware that there are significant penalties for making a false certification, including the possibility of fine and imprisonment. (§ 268.7(d)(3)(iii))

PART 271—REQUIREMENTS FOR AUTHORIZATION OF STATE HAZARDOUS WASTE PROGRAMS

35. The authority citation for Part 271 continues to read as follows:

Authority: 42 U.S.C. 9602; 33 U.S.C. 1321 and 1361.

Subpart A—Requirements for Final Authorization

36. Section 271.1(j) is amended by adding the following entries to Table 1 in chronological order by date of publication in the *Federal Register*, and by adding the following entries to Table 2 in chronological order by effective date in the *Federal Register*:

§ 271.1 Purpose and scope.

* * * * *
(j) * * *

TABLE 1.—REGULATIONS IMPLEMENTING THE HAZARDOUS AND SOLID WASTE AMENDMENTS OF 1984

| Promulgation date | Title of regulation | Federal Register reference | Effective date |
|--------------------|--|----------------------------|--------------------|
| September 19, 1994 | Land Disposal Restrictions Phase II—Universal Treatment Standards, and Treatment Standards for Organic Toxicity Characteristic Wastes and Newly Listed Wastes ⁴ in §268.38. | [Insert FR page numbers]. | December 19, 1994. |

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