

US EPA ARCHIVE DOCUMENT

TREATMENT STANDARDS FOR HAZARDOUS WASTES NOTE: NA means not applicable					
WASTE CODE	WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY <sup>1</sup>	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS	NONWASTEWATERS
		Common Name	CAS <sup>2</sup> Number	Concentration in mg/l <sup>3</sup> ; or Technology Code <sup>4</sup>	Concentration in mg/kg <sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code <sup>4</sup>
F009	Spent stripping and cleaning bath solutions from electroplating operations where cyanides are used in the process.	Cadmium	7440-43-9	NA	0.11 mg/l TCLP
		Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
		Cyanides (Total) <sup>7</sup>	57-12-5	1.2	590
		Cyanides (Amenable) <sup>7</sup>	57-12-5	0.86	30
		Lead	7439-92-1	0.69	0.75 mg/l TCLP
		Nickel	7440-02-0	3.98	11 mg/l TCLP
		Silver	7440-22-4	NA	0.14 mg/l TCLP
F010	Quenching bath residues from oil baths from metal heat treating operations where cyanides are used in the process.	Cyanides (Total) <sup>7</sup>	57-12-5	1.2	590
		Cyanides (Amenable) <sup>7</sup>	57-12-5	0.86	NA
F011	Spent cyanide solutions from salt bath pot cleaning from metal heat treating operations.	Cadmium	7440-43-9	NA	0.11 mg/l TCLP
		Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
		Cyanides (Total) <sup>7</sup>	57-12-5	1.2	590
		Cyanides (Amenable) <sup>7</sup>	57-12-5	0.86	30
		Lead	7439-92-1	0.69	0.75 mg/l TCLP
		Nickel	7440-02-0	3.98	11 mg/l TCLP
		Silver	7440-22-4	NA	0.14 mg/l TCLP
F012	Quenching wastewater treatment sludges from metal heat treating operations where cyanides are used in the process.	Cadmium	7440-43-9	NA	0.11 mg/l TCLP
		Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
		Cyanides (Total) <sup>7</sup>	57-12-5	1.2	590
		Cyanides (Amenable) <sup>7</sup>	57-12-5	0.86	30
		Lead	7439-92-1	0.69	0.75 mg/l TCLP

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		Nickel	7440-02-0	3.98	11 mg/l TCLP
		Silver	7440-22-4	NA	0.14 mg/l TCLP
F019	Wastewater treatment sludges from the chemical conversion coating of aluminum except from zirconium phosphating in aluminum can washing when such phosphating is an exclusive conversion coating process.	Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
		Cyanides (Total) <sup>7</sup>	57-12-5	1.2	590
		Cyanides (Amenable) <sup>7</sup>	57-12-5	0.86	30
F020, F021, F022, F023, F026	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of: (1) tri- or tetrachlorophenol, or of intermediates used to produce their pesticide derivatives, excluding wastes from the production of Hexachlorophene from highly purified 2,4,5-trichlorophenol (F020); (2) pentachlorophenol, or of intermediates used to produce its derivatives (i.e., F021); (3) tetra-, penta-, or hexachlorobenzenes under alkaline conditions (i.e., F022); and from the production of materials on equipment previously used for the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of: (1) tri- or tetrachlorophenols, excluding wastes from equipment used only for the production of Hexachlorophene from highly purified 2,4,5-trichlorophenol (F023); (2) tetra-, penta-, or hexachlorobenzenes under alkaline conditions (i.e., F026).	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
		Pentachlorophenol	87-86-5	0.089	7.4
		TCDDs (All Tetrachlorodibenzo-p-dioxins)	NA	0.000063	0.001
		TCDFs (All Tetrachlorodibenzofurans)	NA	0.000063	0.001
		2,4,5-Trichlorophenol	95-95-4	0.18	7.4
		2,4,6-Trichlorophenol	88-06-2	0.035	7.4
		2,3,4,6-Tetrachlorophenol	58-90-2	0.030	7.4

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		Common Name	CAS <sup>2</sup> Number	Concentration in mg/l <sup>3</sup> ; or Technology Code <sup>4</sup>	Concentration in mg/kg <sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code <sup>4</sup>
F024	Process wastes, including but not limited to, distillation residues, heavy ends, tars, and reactor clean-out wastes, from the production of certain chlorinated aliphatic hydrocarbons by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution. (This listing does not include wastewaters, wastewater treatment sludges, spent catalysts, and wastes listed in §261.31 or §261.32.).	All F024 wastes	NA	CMBST <sup>11</sup>	CMBST <sup>11</sup>
		2-Chloro-1,3-butadiene	126-99-8	0.057	0.28
		3-Chloropropylene	107-05-1	0.036	30
		1,1-Dichloroethane	75-34-3	0.059	6.0
		1,2-Dichloroethane	107-06-2	0.21	6.0
		1,2-Dichloropropane	78-87-5	0.85	18
		cis-1,3-Dichloropropylene	10061-01-5	0.036	18
		trans-1,3-Dichloropropylene	10061-02-6	0.036	18
		bis(2-Ethylhexyl) phthalate	117-81-7	0.28	28
		Hexachloroethane	67-72-1	0.055	30
		Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
		Nickel	7440-02-0	3.98	11 mg/l TCLP
		Carbon tetrachloride	56-23-5	0.057	6.0
		Chloroform	67-66-3	0.046	6.0
F025	Condensed light ends from the production of certain chlorinated aliphatic hydrocarbons, by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution.  F025 - Light Ends Subcategory	1,2-Dichloroethane	107-06-2	0.21	6.0
		1,1-Dichloroethylene	75-35-4	0.025	6.0
		Methylene chloride	75-9-2	0.089	30
		1,1,2-Trichloroethane	79-00-5	0.054	6.0
		Trichloroethylene	79-01-6	0.054	6.0
		Vinyl chloride	75-01-4	0.27	6.0

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		Common Name	CAS <sup>2</sup> Number	
F027	Spent filters and filter aids, and spent desiccant wastes from the production of certain chlorinated aliphatic hydrocarbons, by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution.  F025 - Spent Filters/Aids and Desiccants Subcategory	Carbon tetrachloride	56-23-5	6.0
		Chloroform	67-66-3	6.0
		Hexachlorobenzene	118-74-1	10
		Hexachlorobutadiene	87-68-3	5.6
		Hexachloroethane	67-72-1	30
		Methylene chloride	75-9-2	30
		1,1,2-Trichloroethane	79-00-5	6.0
		Trichloroethylene	79-01-6	6.0
		Vinyl chloride	75-01-4	6.0
		HxCDDs (All Hexachlorodibenzo-p-dioxins)	NA	0.000063
		HxCDFs (All Hexachlorodibenzofurans)	NA	0.000063
		PeCDDs (All Pentachlorodibenzo-p-dioxins)	NA	0.000063
		PeCDFs (All Pentachlorodibenzofurans)	NA	0.000035
		Pentachlorophenol	87-86-5	7.4
		TCDDs (All Tetrachlorodibenzo-p-dioxins)	NA	0.000063
		TCDFs (All Tetrachlorodibenzofurans)	NA	0.000063
		Discarded unused formulations containing tri-, tetra-, or pentachlorophenol or discarded unused formulations containing compounds derived from these chlorophenols. (This listing does not include formulations containing hexachlorophene synthesized from prepurified 2,4,5-trichlorophenol as the sole component).		0.001

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		2,4,5-Trichlorophenol	95-95-4	0.18	7.4
		2,4,6-Trichlorophenol	88-06-2	0.035	7.4
		2,3,4,6-Tetrachlorophenol	58-90-2	0.030	7.4
F028	Residues resulting from the incineration or thermal treatment of soil contaminated with EPA Hazardous Wastes Nos. F020, F021, F023, F026, and F027.	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
		Pentachlorophenol	87-86-5	0.089	7.4
		TCDDs (All Tetrachlorodibenzo-p-dioxins)	NA	0.000063	0.001
		TCDFs (All Tetrachlorodibenzofurans)	NA	0.000063	0.001
		2,4,5-Trichlorophenol	95-95-4	0.18	7.4
		2,4,6-Trichlorophenol	88-06-2	0.035	7.4
		2,3,4,6-Tetrachlorophenol	58-90-2	0.030	7.4

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F032	Wastewaters (except those that have not come into contact with process contaminants), process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that currently use or have previously used chlorophenolic formulations (except potentially cross-contaminated wastes that have had the F032 waste code deleted in accordance with §261.35 of this chapter or potentially cross-contaminated wastes that are otherwise currently regulated as hazardous wastes (i.e., F034 or F035), and where the generator does not resume or initiate use of chlorophenolic formulations). This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or penta-chlorophenol.	Acenaphthene	83-32-9	0.059	3.4
		Anthracene	120-12-7	0.059	3.4
		Benz(a)anthracene	56-55-3	0.059	3.4
		Benzo(b)fluoranthene (difficult to distinguish from benzo(k)fluoranthene)	205-99-2	0.11	6.8
		Benzo(k)fluoranthene (difficult to distinguish from benzo(b)fluoranthene)	207-08-9	0.11	6.8
		Benzo(a)pyrene	50-32-8	0.061	3.4
		Chrysene	218-01-9	0.059	3.4
		Dibenz(a,h)anthracene	53-70-3	0.055	8.2
		2,4-Dimethyl phenol	105-67-9	0.036	14
		Fluorene	86-73-7	0.059	3.4
		Hexachlorodibenzo-p-dioxins	NA	0.000063, or CMBST <sup>11</sup>	0.001, or CMBST <sup>11</sup>
		Hexachlorodibenzofurans	NA	0.000063, or CMBST <sup>11</sup>	0.001, or CMBST <sup>11</sup>
		Indeno (1,2,3-c,d) pyrene	193-39-5	0.0055	3.4
		Naphthalene	91-20-3	0.059	5.6
		Pentachlorodibenzo-p-dioxins	NA	0.000063, or CMBST <sup>11</sup>	0.001, or CMBST <sup>11</sup>



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		Common Name	CAS <sup>2</sup> Number	
		Pentachlorodibenzofurans	NA	Concentration in mg/kg <sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code <sup>4</sup>
		Pentachlorophenol	87-86-5	0.001, or CMBST <sup>11</sup>
		Phenanthrene	85-01-8	7.4
		Phenol	108-95-2	5.6
		Pyrene	129-00-0	6.2
		Tetrachlorodibenzo-p-dioxins	NA	8.2
		Tetrachlorodibenzofurans	NA	0.001, or CMBST <sup>11</sup>
		2,3,4,6-Tetrachlorophenol	58-90-2	0.001, or CMBST <sup>11</sup>
		2,4,6-Trichlorophenol	88-06-2	0.030
		Arsenic	7440-38-2	0.035
		Chromium (Total)	7440-47-3	1.4
		Acenaphthene	83-32-9	5.0 mg/l TCLP
		Anthracene	120-12-7	0.60 mg/l TCLP
		Benzo(a)anthracene	56-55-3	0.059
		Benzo(b)fluoranthene (difficult to distinguish from benzo(k)fluoranthene)	205-99-2	0.059
		Benzo(k)fluoranthene (difficult to distinguish from benzo(b)fluoranthene)	207-08-9	0.11
		Benzo(a)pyrene	50-32-8	6.8
F034	Wastewaters (except those that have not come into contact with process contaminants), process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that use creosote formulations. This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol.			3.4



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		Chrysene	218-01-9	0.059	3.4
		Dibenz(a,h)anthracene	53-70-3	0.055	8.2
		Fluorene	86-73-7	0.059	3.4
		Indeno (1,2,3-c,d) pyrene	193-39-5	0.0055	3.4
		Naphthalene	91-20-3	0.059	5.6
		Phenanthrene	85-01-8	0.059	5.6
		Pyrene	129-00-0	0.067	8.2
		Arsenic	7440-38-2	1.4	5.0 mg/l TCLP
		Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
		Arsenic	7440-38-2	1.4	5.0 mg/l TCLP
		Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
F035	Wastewaters (except those that have not come into contact with process contaminants), process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that use inorganic preservatives containing arsenic or chromium. This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol.				

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		Common Name	CAS <sup>2</sup> Number	
F037	Petroleum refinery primary oil/water/solids separation sludge-Any sludge generated from the gravitational separation of oil/water/solids during the storage or treatment of process wastewaters and oily cooling wastewaters from petroleum refineries. Such sludges include, but are not limited to, those generated in: oil/water/solids separators; tanks and impoundments; ditches and other conveyances; sumps; and stormwater units receiving dry weather flow. Sludge generated in stormwater units that do not receive dry weather flow, sludges generated from non-contact once-through cooling waters segregated for treatment from other process or oily cooling waters, sludges generated in aggressive biological treatment units as defined in §261.31(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 this listing.	Acenaphthene	83-32-9	Concentration in mg/kg <sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code <sup>4</sup>
		Anthracene	120-12-7	NA
		Benzene	71-43-2	0.059
		Benz(a)anthracene	56-55-3	0.14
		Benzo(a)pyrene	50-32-8	0.059
		bis(2-Ethylhexyl) phthalate	117-81-7	0.061
		Chrysene	218-01-9	0.28
		Di-n-butyl phthalate	84-74-2	0.059
		Ethylbenzene	100-41-4	0.057
		Fluorene	86-73-7	0.057
		Naphthalene	91-20-3	0.059
		Phenanthrene	85-01-8	0.059
		Phenol	108-95-2	0.039
		Pyrene	129-00-0	0.067
		Toluene	108-88-3	0.080
		Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations)	1330-20-7	10
		Chromium (Total)	7440-47-3	0.32
		Cyanides (Total) <sup>7</sup>	57-12-5	0.60 mg/l TCLP
		Lead	7439-92-1	1.2
		Nickel	7440-02-0	0.69
				NA
				11 mg/l TCLP

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F038	Petroleum refinery secondary (emulsified) oil/water/solids separation sludge and/or float generated from the physical and/or chemical separation of oil/water/solids in process wastewaters and oily cooling wastewaters from petroleum refineries. Such wastes include, but are not limited to, all sludges and floats generated in: induced air floatation (IAF) units, tanks and impoundments, and all sludges generated in DAF units. Sludges generated in stormwater units that do not receive dry weather flow, sludges generated from non-contact once-through cooling waters segregated for treatment from other process or oily cooling waters, sludges and floats generated in aggressive biological treatment units as defined in §261.31(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 this listing.	Benzene	71-43-2	0.14	10
		Benzo(a)pyrene	50-32-8	0.061	3.4
		bis(2-Ethylhexyl) phthalate	117-81-7	0.28	28
		Chrysene	218-01-9	0.059	3.4
		Di-n-butyl phthalate	84-74-2	0.057	28
		Ethylbenzene	100-41-4	0.057	10
		Fluorene	86-73-7	0.059	NA
		Naphthalene	91-20-3	0.059	5.6
		Phenanthrene	85-01-8	0.059	5.6
		Phenol	108-95-2	0.039	6.2
		Pyrene	129-00-0	0.067	8.2
		Toluene	108-88-3	0.080	10
		Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations)	1330-20-7	0.32	30
		Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
		Cyanides (Total) <sup>7</sup>	57-12-5	1.2	590
		Lead	7439-92-1	0.69	NA
		Nickel	7440-02-0	NA	11 mg/l TCLP

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		Common Name	CAS <sup>2</sup> Number	
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 Wastes and no other Hazardous Wastes retains its EPA Hazardous Waste Number(s): F020, F021, F022, F026, F027, and/or F028.).	Acenaphthylene	208-96-8	3.4
		Acenaphthene	83-32-9	3.4
		Acetone	67-64-1	160
		Acetonitrile	75-05-8	NA
		Acetophenone	96-86-2	9.7
		2-Acetylaminofluorene	53-96-3	140
		Acrolein	107-02-8	NA
		Acrylonitrile	107-13-1	84
		Aldrin	309-00-2	0.066
		4-Aminobiphenyl	92-67-1	NA
		Aniline	62-53-3	14
		Anthracene	120-12-7	3.4
		Aramite	140-57-8	NA
		alpha-BHC	319-84-6	0.066
		beta-BHC	319-85-7	0.066
		delta-BHC	319-86-8	0.066
		gamma-BHC	58-89-9	0.066
		Benzene	71-43-2	10
		Benz(a)anthracene	56-55-3	3.4
		Benzo(b)fluoranthene (difficult to distinguish from benzo(k)fluoranthene)	205-99-2	6.8

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		Common Name	CAS <sup>2</sup> Number	
		Benzo(k)fluoranthene (difficult to distinguish from benzo(b)fluoranthene)	207-08-9	6.8
		Benzo(g,h,i)perylene	191-24-2	1.8
		Benzo(a)pyrene	50-32-8	3.4
		Bromodichloromethane	75-27-4	15
		Methyl bromide (Bromomethane)	74-83-9	15
		4-Bromophenyl phenyl ether	101-55-3	15
		n-Butyl alcohol	71-36-3	2.6
		Butyl benzyl phthalate	85-68-7	28
		2-sec-Butyl-4,6-dinitrophenol (Dinoseb)	88-85-7	2.5
		Carbon disulfide	75-15-0	NA
		Carbon tetrachloride	56-23-5	6.0
		Chlordane (alpha and gamma isomers)	57-74-9	0.26
		p-Chloroaniline	106-47-8	16
		Chlorobenzene	108-90-7	6.0
		Chlorobenzilate	510-15-6	NA
		2-Chloro-1,3-butadiene	126-99-8	NA
		Chlorodibromomethane	124-48-1	15
		Chloroethane	75-00-3	6.0
		bis(2-Chloroethoxy)methane	111-91-1	7.2

TREATMENT STANDARDS FOR HAZARDOUS WASTES NOTE: NA means not applicable				
WASTE CODE	WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY <sup>1</sup>	REGULATED HAZARDOUS CONSTITUENT		NONWASTEWATERS Concentration in mg/kg <sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code <sup>4</sup>
		Common Name	CAS <sup>2</sup> Number	
		bis(2-Chloroethyl)ether	111-44-4	0.033
		Chloroform	67-66-3	0.046
		bis(2-Chloroisopropyl)ether	39638-32-9	0.055
		p-Chloro-m-cresol	59-50-7	0.018
		Chloromethane (Methyl chloride)	74-87-3	0.19
		2-Chloronaphthalene	91-58-7	0.055
		2-Chlorophenol	95-57-8	0.044
		3-Chloropropylene	107-05-1	0.036
		Chrysene	218-01-9	0.059
		o-Cresol	95-48-7	0.11
		m-Cresol (difficult to distinguish from p-cresol)	108-39-4	0.77
		p-Cresol (difficult to distinguish from m-cresol)	106-44-5	0.77
		Cyclohexanone	108-94-1	0.36
		1,2-Dibromo-3-chloropropane	96-12-8	0.11
		Ethylene dibromide (1,2-Dibromoethane)	106-93-4	0.028
		Dibromomethane	74-95-3	0.11

TREATMENT STANDARDS FOR HAZARDOUS WASTES NOTE: NA means not applicable				
WASTE CODE	WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY <sup>1</sup>	REGULATED HAZARDOUS CONSTITUENT		NONWASTEWATERS
		Common Name	CAS <sup>2</sup> Number	Concentration in mg/kg <sup>5</sup> unless noted as "mg/l <sup>3</sup> , or Technology Code <sup>4</sup> "
		2,4-D (2,4-Dichlorophenoxyacetic acid)	94-75-7	10
		o,p'-DDD	53-19-0	0.087
		p,p'-DDD	72-54-8	0.087
		o,p'-DDE	3424-82-6	0.087
		p,p'-DDE	72-55-9	0.087
		o,p'-DDT	789-02-6	0.087
		p,p'-DDT	50-29-3	0.087
		Dibenz(a,h)anthracene	53-70-3	8.2
		Dibenz(a,e)pyrene	192-65-4	NA
		m-Dichlorobenzene	541-73-1	6.0
		o-Dichlorobenzene	95-50-1	6.0
		p-Dichlorobenzene	106-46-7	6.0
		Dichlorodifluoromethane	75-71-8	7.2
		1,1-Dichloroethane	75-34-3	6.0
		1,2-Dichloroethane	107-06-2	6.0
		1,1,1-Dichloroethylene	75-35-4	6.0
		trans-1,2-Dichloroethylene	156-60-5	30
		2,4-Dichlorophenol	120-83-2	14
		2,6-Dichlorophenol	87-65-0	14
		1,2-Dichloropropane	78-87-5	18



TREATMENT STANDARDS FOR HAZARDOUS WASTES NOTE: NA means not applicable				
WASTE CODE	WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY <sup>1</sup>	REGULATED HAZARDOUS CONSTITUENT		NONWASTEWATERS
		Common Name	CAS <sup>2</sup> Number	Concentration in mg/kg <sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code <sup>4</sup>
		cis-1,3-Dichloropropylene	10061-01-5	0.036
		trans-1,3-Dichloropropylene	10061-02-6	0.036
		Dieldrin	60-57-1	0.017
		Diethyl phthalate	84-66-2	0.20
		2,4-Dimethyl phenol	105-67-9	0.036
		Dimethyl phthalate	131-11-3	0.047
		Di-n-butyl phthalate	84-74-2	0.057
		1,4-Dinitrobenzene	100-25-4	0.32
		4,6-Dinitro-o-cresol	534-52-1	0.28
		2,4-Dinitrophenol	51-28-5	0.12
		2,4-Dinitrotoluene	121-14-2	0.32
		2,6-Dinitrotoluene	606-20-2	0.55
		Di-n-octyl phthalate	117-84-0	0.017
		Di-n-propylnitrosamine	621-64-7	0.40
		1,4-Dioxane	123-91-1	12.0
		Diphenylamine (difficult to distinguish from diphenylnitrosamine)	122-39-4	0.92
		Diphenylnitrosamine (difficult to distinguish from diphenylamine)	86-30-6	0.92
		1,2-Diphenylhydrazine	122-66-7	0.087
				18
				18
				0.13
				28
				14
				28
				28
				2.3
				160
				160
				140
				28
				28
				14
				170
				NA
				NA
				NA

TREATMENT STANDARDS FOR HAZARDOUS WASTES NOTE: NA means not applicable					
WASTE CODE	WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY <sup>1</sup>	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS	NONWASTEWATERS
		Common Name	CAS <sup>2</sup> Number	Concentration in mg/l <sup>3</sup> ; or Technology Code <sup>4</sup>	Concentration in mg/kg <sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code <sup>4</sup>
		Disulfoton	298-04-4	0.017	6.2
		Endosulfan I	939-98-8	0.023	0.066
		Endosulfan II	33213-6-5	0.029	0.13
		Endosulfan sulfate	1031-07-8	0.029	0.13
		Endrin	72-20-8	0.0028	0.13
		Endrin aldehyde	7421-93-4	0.025	0.13
		Ethyl acetate	141-78-6	0.34	33
		Ethyl cyanide (Propanenitrile)	107-12-0	0.24	360
		Ethyl benzene	100-41-4	0.057	10
		Ethyl ether	60-29-7	0.12	160
		bis(2-Ethylhexyl) phthalate	117-81-7	0.28	28
		Ethyl methacrylate	97-63-2	0.14	160
		Ethylene oxide	75-21-8	0.12	NA
		Famphur	52-85-7	0.017	15
		Fluoranthene	206-44-0	0.068	3.4
		Fluorene	86-73-7	0.059	3.4
		Heptachlor	76-44-8	0.0012	0.066
		Heptachlor epoxide	1024-57-3	0.016	0.066
		Hexachlorobenzene	118-74-1	0.055	10
		Hexachlorobutadiene	87-68-3	0.055	5.6
		Hexachlorocyclopentadiene	77-47-4	0.057	2.4

TREATMENT STANDARDS FOR HAZARDOUS WASTES NOTE: NA means not applicable				
WASTE CODE	WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY <sup>1</sup>	REGULATED HAZARDOUS CONSTITUENT		NONWASTEWATERS
		Common Name	CAS <sup>2</sup> Number	
		HxCDDs (All Hexachlorodibenzo-p-dioxins)	NA	Concentration in mg/kg <sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code <sup>4</sup>
		HxCDFs (All Hexachlorodibenzofurans)	NA	0.001
		Hexachloroethane	67-72-1	0.000063
		Hexachloropropylene	1888-71-7	0.055
		Indeno (1,2,3-c,d) pyrene	193-39-5	0.035
		Iodomethane	74-88-4	0.0055
		Isobutyl alcohol	78-83-1	0.19
		Isodrin	465-73-6	5.6
		Isosafrole	120-58-1	0.021
		Kepone	143-50-8	0.081
		Methacrylonitrile	126-98-7	0.0011
		Methanol	67-56-1	0.24
		Methapyrene	91-80-5	5.6
		Methoxychlor	72-43-5	0.081
		3-Methylcholanthrene	56-49-5	0.25
		4,4-Methylene bis(2-chloroaniline)	101-14-4	0.0055
		Methylene chloride	75-09-2	0.50
		Methyl ethyl ketone	78-93-3	0.089
		Methyl isobutyl ketone	108-10-1	0.28
				0.14
				33

TREATMENT STANDARDS FOR HAZARDOUS WASTES NOTE: NA means not applicable				
WASTE CODE	WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY <sup>1</sup>	REGULATED HAZARDOUS CONSTITUENT		NONWASTEWATERS
		Common Name	CAS <sup>2</sup> Number	Concentration in mg/kg <sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code <sup>4</sup>
		Methyl methacrylate	80-62-6	160
		Methyl methansulfonate	66-27-3	NA
		Methyl parathion	298-00-0	4.6
		Naphthalene	91-20-3	5.6
		2-Naphthylamine	91-59-8	NA
		p-Nitroaniline	100-01-6	28
		Nitrobenzene	98-95-3	14
		5-Nitro-o-toluidine	99-55-8	28
		p-Nitrophenol	100-02-7	29
		N-Nitrosodiethylamine	55-18-5	28
		N-Nitrosodimethylamine	62-75-9	NA
		N-Nitroso-di-n-butylamine	924-16-3	17
		N-Nitrosomethyllethylamine	10595-95-6	2.3
		N-Nitrosomorpholine	59-89-2	2.3
		N-Nitrosopiperidine	100-75-4	35
		N-Nitrosopyrrolidine	930-55-2	35
		Parathion	56-38-2	4.6
		Total PCBs (sum of all PCB isomers, or all Aroclors)	1336-36-3	10
		Pentachlorobenzene	608-93-5	10

TREATMENT STANDARDS FOR HAZARDOUS WASTES NOTE: NA means not applicable					
WASTE CODE	WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY <sup>1</sup>	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS	NONWASTEWATERS
		Common Name	CAS <sup>2</sup> Number	Concentration in mg/l <sup>3</sup> ; or Technology Code <sup>4</sup>	Concentration in mg/kg <sup>5</sup> unless noted as "mg/l TCLP", or Technology Code <sup>4</sup>
		PeCDDs (All Pentachlorodibenzo-p-dioxins)	NA	0.000063	0.001
		PeCDFs (All Pentachlorodibenzofurans)	NA	0.000035	0.001
		Pentachloronitrobenzene	82-68-8	0.055	4.8
		Pentachlorophenol	87-86-5	0.089	7.4
		Phenacetin	62-44-2	0.081	16
		Phenanthrene	85-01-8	0.059	5.6
		Phenol	108-95-2	0.039	6.2
		Phorate	298-02-2	0.021	4.6
		Phthalic anhydride	85-44-9	0.055	NA
		Pronamide	23950-58-5	0.093	1.5
		Pyrene	129-00-0	0.067	8.2
		Pyridine	110-86-1	0.014	16
		Safrole	94-59-7	0.081	22
		Silvex (2,4,5-TP)	93-72-1	0.72	7.9
		2,4,5-T	93-76-5	0.72	7.9
		1,2,4,5-Tetrachlorobenzene	95-94-3	0.055	14
		TCDDs (All Tetrachlorodibenzo-p-dioxins)	NA	0.000063	0.001

TREATMENT STANDARDS FOR HAZARDOUS WASTES NOTE: NA means not applicable				
WASTE CODE	WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY <sup>1</sup>	REGULATED HAZARDOUS CONSTITUENT		NONWASTEWATERS Concentration in mg/kg <sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code <sup>4</sup>
		Common Name	CAS <sup>2</sup> Number	
		TCDFs (All Tetrachlorodibenzofurans)	NA	0.00063
		1,1,1,2-Tetrachloroethane	630-20-6	0.057
		1,1,2,2-Tetrachloroethane	79-34-6	0.057
		Tetrachloroethylene	127-18-4	0.056
		2,3,4,6-Tetrachlorophenol	58-90-2	0.030
		Toluene	108-88-3	0.080
		Toxaphene	8001-35-2	0.0095
		Bromoform (Tribromomethane)	75-25-2	0.63
		1,2,4-Trichlorobenzene	120-82-1	0.055
		1,1,1-Trichloroethane	71-55-6	0.054
		1,1,2-Trichloroethane	79-00-5	0.054
		Trichloroethylene	79-01-6	0.054
		Trichloromonofluoromethane	75-69-4	0.020
		2,4,5-Trichlorophenol	95-95-4	0.18
		2,4,6-Trichlorophenol	88-06-2	0.035
		1,2,3-Trichloropropane	96-18-4	0.85
		1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.057
		tris(2,3-Dibromopropyl) phosphate	126-72-7	0.11
		Vinyl chloride	75-01-4	0.27
				6.0

TREATMENT STANDARDS FOR HAZARDOUS WASTES NOTE: NA means not applicable				
WASTE CODE	WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY <sup>1</sup>	REGULATED HAZARDOUS CONSTITUENT		NONWASTEWATERS
		Common Name	CAS <sup>2</sup> Number	Concentration in mg/kg <sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code <sup>4</sup>
		Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations)	1330-20-7	30
		Antimony	7440-36-0	1.9
		Arsenic	7440-38-2	1.4
		Barium	7440-39-3	1.2
		Beryllium	7440-41-7	0.82
		Cadmium	7440-43-9	0.69
		Chromium (Total)	7440-47-3	2.77
		Cyanides (Total) <sup>7</sup>	57-12-5	1.2
		Cyanides (Amenable) <sup>7</sup>	57-12-5	0.86
		Fluoride	16964-48-8	35
		Lead	7439-92-1	0.69
		Mercury	7439-97-6	0.15
		Nickel	7440-02-0	3.98
		Selenium	7782-49-2	0.82
		Silver	7440-22-4	0.43
		Sulfide	8496-25-8	14
		Thallium	7440-28-0	1.4
		Vanadium	7440-62-2	4.3
				1.15 mg/l TCLP
				5.0 mg/l TCLP
				21 mg/l TCLP
				NA
				0.11 mg/l TCLP
				0.60 mg/l TCLP
				590
				NA
				NA
				0.75 mg/l TCLP
				0.025 mg/l TCLP
				11 mg/l TCLP
				5.7 mg/l TCLP
				0.14 mg/l TCLP
				NA
				NA
				NA



TREATMENT STANDARDS FOR HAZARDOUS WASTES NOTE: NA means not applicable					
WASTE CODE	WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY <sup>1</sup>	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS	NONWASTEWATERS
		Common Name	CAS <sup>2</sup> Number	Concentration in mg/l <sup>3</sup> , or Technology Code <sup>4</sup>	Concentration in mg/kg <sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code <sup>4</sup>
K001	Bottom sediment sludge from the treatment of wastewaters from wood preserving processes that use creosote and/or pentachlorophenol.	Naphthalene	91-20-3	0.059	5.6
		Pentachlorophenol	87-86-5	0.089	7.4
		Phenanthrene	85-01-8	0.059	5.6
		Pyrene	129-00-0	0.067	8.2
		Toluene	108-88-3	0.080	10
		Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations)	1330-20-7	0.32	30
K002	Wastewater treatment sludge from the production of chrome yellow and orange pigments.	Lead	7439-92-1	0.69	0.75 mg/l TCLP
		Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
K003	Wastewater treatment sludge from the production of molybdate orange pigments.	Lead	7439-92-1	0.69	0.75 mg/l TCLP
		Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
K004	Wastewater treatment sludge from the production of zinc yellow pigments.	Lead	7439-92-1	0.69	0.75 mg/l TCLP
		Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
K005	Wastewater treatment sludge from the production of chrome green pigments.	Lead	7439-92-1	0.69	0.75 mg/l TCLP
		Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
K006	Wastewater treatment sludge from the production of chrome oxide green pigments (anhydrous).	Cyanides (Total) <sup>7</sup>	57-12-5	1.2	590
		Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
		Lead	7439-92-1	0.69	0.75 mg/l TCLP
		Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
		Lead	7439-92-1	0.69	0.75 mg/l TCLP
		Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP

TREATMENT STANDARDS FOR HAZARDOUS WASTES NOTE: NA means not applicable					
WASTE CODE	WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY <sup>1</sup>	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS	NONWASTEWATERS
		Common Name	CAS <sup>2</sup> Number	Concentration in mg/l <sup>3</sup> , or Technology Code <sup>4</sup>	Concentration in mg/kg <sup>5</sup> unless noted as 'mg/l TCLP', or Technology Code <sup>4</sup>
K007	Wastewater treatment sludge from the production of iron blue pigments.	Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
		Lead	7439-92-1	0.69	0.75 mg/l TCLP
		Cyanides (Total) <sup>7</sup>	57-12-5	1.2	590
K008	Oven residue from the production of chrome oxide green pigments.	Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
		Lead	7439-92-1	0.69	0.75 mg/l TCLP
K009	Distillation bottoms from the production of acetaldehyde from ethylene.	Chloroform	67-66-3	0.046	6.0
K010	Distillation side cuts from the production of acetaldehyde from ethylene.	Chloroform	67-66-3	0.046	6.0
K011	Bottom stream from the wastewater stripper in the production of acrylonitrile.	Acetonitrile	75-05-8	5.6	38
		Acrylonitrile	107-13-1	0.24	84
		Acrylamide	79-06-1	19	23
		Benzene	71-43-2	0.14	10
		Cyanide (Total)	57-12-5	1.2	590
		Acetonitrile	75-05-8	5.6	38
K013	Bottom stream from the acetonitrile 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
K014	Bottoms from the acetonitrile purification column in the production of acrylonitrile.	Acetonitrile	75-05-8	5.6	38
		Acrylonitrile	107-13-1	0.24	84
		Acrylamide	79-06-1	19	23
		Cyanide (Total)	57-12-5	1.2	590

TREATMENT STANDARDS FOR HAZARDOUS WASTES NOTE: NA means not applicable					
WASTE CODE	WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY <sup>1</sup>	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS	NONWASTEWATERS
		Common Name	CAS <sup>2</sup> Number	Concentration in mg/l <sup>3</sup> ; or Technology Code <sup>4</sup>	Concentration in mg/kg <sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code <sup>4</sup>
		Benzene	71-43-2	0.14	10
		Cyanide (Total)	57-12-5	1.2	590
K015	Still bottoms from the distillation of benzyl chloride.	Anthracene	120-12-7	0.059	3.4
		Benzal chloride	98-87-3	0.055	6.0
		Benzo(b)fluoranthene (difficult to distinguish from benzo(k)fluoranthene)	205-99-2	0.11	6.8
		Benzo(k)fluoranthene (difficult to distinguish from benzo(b)fluoranthene)	207-08-9	0.11	6.8
		Phenanthrene	85-01-8	0.059	5.6
		Toluene	108-88-3	0.080	10
		Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
		Nickel	7440-02-0	3.98	11 mg/l TCLP
K016	Heavy ends or distillation residues from the production of carbon tetrachloride.	Hexachlorobenzene	118-74-1	0.055	10
		Hexachlorobutadiene	87-68-3	0.055	5.6
		Hexachlorocyclopentadiene	77-47-4	0.057	2.4
		Hexachloroethane	67-72-1	0.055	30
		Tetrachloroethylene	127-18-4	0.056	6.0
K017	Heavy ends (still bottoms) from the purification column in the production of epichlorohydrin.	bis(2-Chloroethyl)ether	111-44-4	0.033	6.0
		1,2-Dichloropropane	78-87-5	0.85	18
		1,2,3-Trichloropropane	96-18-4	0.85	30
K018	Heavy ends from the fractionation column in ethyl chloride production.	Chloroethane	75-00-3	0.27	6.0

TREATMENT STANDARDS FOR HAZARDOUS WASTES NOTE: NA means not applicable				
WASTE CODE	WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY <sup>1</sup>	REGULATED HAZARDOUS CONSTITUENT		NONWASTEWATERS Concentration in mg/kg <sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code <sup>4</sup>
		Common Name	CAS <sup>2</sup> Number	
		Chloromethane	74-87-3	NA
		1,1-Dichloroethane	75-34-3	6.0
		1,2-Dichloroethane	107-06-2	6.0
		Hexachlorobenzene	118-74-1	10
		Hexachlorobutadiene	87-68-3	5.6
		Hexachloroethane	67-72-1	30
		Pentachloroethane	76-01-7	6.0
		1,1,1-Trichloroethane	71-55-6	6.0
K019	Heavy ends from the distillation of ethylene dichloride in ethylene dichloride production.	bis(2-Chloroethyl)ether	111-44-4	6.0
		Chlorobenzene	108-90-7	6.0
		Chloroform	67-66-3	6.0
		p-Dichlorobenzene	106-46-7	NA
		1,2-Dichloroethane	107-06-2	6.0
		Fluorene	86-73-7	NA
		Hexachloroethane	67-72-1	30
		Naphthalene	91-20-3	5.6
		Phenanthrene	85-01-8	5.6
		1,2,4,5-Tetrachlorobenzene	95-94-3	NA
		Tetrachloroethylene	127-18-4	6.0
		1,2,4-Trichlorobenzene	120-82-1	19
		1,1,1-Trichloroethane	71-55-6	6.0

TREATMENT STANDARDS FOR HAZARDOUS WASTES NOTE: NA means not applicable					
WASTE CODE	WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY <sup>1</sup>	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS	NONWASTEWATERS
		Common Name	CAS <sup>2</sup> Number	Concentration in mg/l <sup>3</sup> , or Technology Code <sup>4</sup>	Concentration in mg/kg <sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code <sup>4</sup>
K020	Heavy ends from the distillation of vinyl chloride in vinyl chloride monomer production.	1,2-Dichloroethane	107-06-2	0.21	6.0
		1,1,2,2-Tetrachloroethane	79-34-6	0.057	6.0
		Tetrachloroethylene	127-18-4	0.056	6.0
		Carbon tetrachloride	56-23-5	0.057	6.0
K021	Aqueous spent antimony catalyst waste from fluoromethanes production.	Chloroform	67-66-3	0.046	6.0
		Antimony	7440-36-0	1.9	1.15 mg/l TCLP
		Toluene	108-88-3	0.080	10
		Acetophenone	96-86-2	0.010	9.7
K022	Distillation bottom tars from the production of phenol/acetone from cumene.	Diphenylamine (difficult to distinguish from diphenylnitrosamine)	122-39-4	0.92	13
		Diphenylnitrosamine (difficult to distinguish from diphenylamine)	86-30-6	0.92	13
		Phenol	108-95-2	0.039	6.2
		Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
K023	Distillation light ends from the production of phthalic anhydride from naphthalene.	Nickel	7440-02-0	3.98	11 mg/l TCLP
		Phthalic anhydride (measured as Phthalic acid or Terephthalic acid)	100-21-0	0.055	28
		Phthalic anhydride (measured as Phthalic acid or Terephthalic acid)	85-44-9	0.055	28
		Phthalic anhydride (measured as Phthalic acid or Terephthalic acid)	100-21-0	0.055	28

TREATMENT STANDARDS FOR HAZARDOUS WASTES NOTE: NA means not applicable					
WASTE CODE	WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY <sup>1</sup>	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS	NONWASTEWATERS
		Common Name	CAS <sup>2</sup> Number	Concentration in mg/l <sup>3</sup> ; or Technology Code <sup>4</sup>	Concentration in mg/kg <sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code <sup>4</sup>
		Phthalic anhydride (measured as Phthalic acid or Terephthalic acid)	85-44-9	0.055	28
K025	Distillation bottoms from the production of nitrobenzene by the nitration of benzene.	NA	NA	LLEXT fb SSTRP fb CARBN; or CMBST	CMBST
K026	Stripping still tails from the production of methyl ethyl pyridines.	NA	NA	CMBST	CMBST
K027	Centrifuge and distillation residues from toluene diisocyanate production.	NA	NA	CARBN; or CMBST	CMBST
K028	Spent catalyst from the hydrochlorinator reactor in the production of 1,1,1-trichloroethane.	1,1-Dichloroethane	75-34-3	0.059	6.0
		trans-1,2-Dichloroethylene	156-60-5	0.054	30
		Hexachlorobutadiene	87-68-3	0.055	5.6
		Hexachloroethane	67-72-1	0.055	30
		Pentachloroethane	76-01-7	NA	6.0
		1,1,1,2-Tetrachloroethane	630-20-6	0.057	6.0
		1,1,2,2-Tetrachloroethane	79-34-6	0.057	6.0
		Tetrachloroethylene	127-18-4	0.056	6.0
		1,1,1-Trichloroethane	71-55-6	0.054	6.0
		1,1,2-Trichloroethane	79-00-5	0.054	6.0
		Cadmium	7440-43-9	0.69	NA
		Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
		Lead	7439-92-1	0.69	0.75 mg/l TCLP
		Nickel	7440-02-0	3.98	11 mg/l TCLP

TREATMENT STANDARDS FOR HAZARDOUS WASTES NOTE: NA means not applicable				
WASTE CODE	WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY <sup>1</sup>	REGULATED HAZARDOUS CONSTITUENT		NONWASTEWATERS
		Common Name	CAS <sup>2</sup> Number	
K029	Waste from the product steam stripper in the production of 1,1,1-trichloroethane.	Chloroform	67-66-3	Concentration in mg/kg <sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code <sup>4</sup>
		1,2-Dichloroethane	107-06-2	6.0
		1,1-Dichloroethylene	75-35-4	6.0
		1,1,1-Trichloroethane	71-55-6	6.0
		Vinyl chloride	75-01-4	6.0
K030	Column bodies or heavy ends from the combined production of trichloroethylene and perchloroethylene.	o-Dichlorobenzene	95-50-1	NA
		p-Dichlorobenzene	106-46-7	NA
		Hexachlorobutadiene	87-68-3	5.6
		Hexachloroethane	67-72-1	30
		Hexachloropropylene	1888-71-7	30
		Pentachlorobenzene	608-93-5	10
		Pentachloroethane	76-01-7	6.0
		1,2,4,5-Tetrachlorobenzene	95-94-3	14
		Tetrachloroethylene	127-18-4	6.0
		1,2,4-Trichlorobenzene	120-82-1	19
K031	By-product salts generated in the production of MSMA and cacodylic acid.	Arsenic	7440-38-2	5.0 mg/l TCLP
K032	Wastewater treatment sludge from the production of chlordane.	Hexachlorocyclopentadiene	77-47-4	2.4
		Chlordane (alpha and gamma isomers)	57-74-9	0.26
		Heptachlor	76-44-8	0.066
		Heptachlor epoxide	1024-57-3	0.066



TREATMENT STANDARDS FOR HAZARDOUS WASTES NOTE: NA means not applicable					
WASTE CODE	WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY <sup>1</sup>	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS	NONWASTEWATERS
		Common Name	CAS <sup>2</sup> Number	Concentration in mg/l <sup>3</sup> ; or Technology Code <sup>4</sup>	Concentration in mg/kg <sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code <sup>4</sup>
K033	Wastewater and scrub water from the chlorination of cyclopentadiene in the production of chlordanes.	Hexachlorocyclopentadiene	77-47-4	0.057	2.4
K034	Filter solids from the filtration of hexachlorocyclopentadiene in the production of chlordanes.	Hexachlorocyclopentadiene	77-47-4	0.057	2.4
K035	Wastewater treatment sludges generated in the production of creosote.	Acenaphthene	83-32-9	NA	3.4
		Anthracene	120-12-7	NA	3.4
		Benz(a)anthracene	56-55-3	0.059	3.4
		Benzo(a)pyrene	50-32-8	0.061	3.4
		Chrysene	218-01-9	0.059	3.4
		o-Cresol	95-48-7	0.11	5.6
		m-Cresol (difficult to distinguish from p-cresol)	108-39-4	0.77	5.6
		p-Cresol (difficult to distinguish from m-cresol)	106-44-5	0.77	5.6
		Dibenz(a,h)anthracene	53-70-3	NA	8.2
		Fluoranthene	206-44-0	0.068	3.4
		Fluorene	86-73-7	NA	3.4
		Indeno(1,2,3-cd)pyrene	193-39-5	NA	3.4
		Naphthalene	91-20-3	0.059	5.6
		Phenanthrene	85-01-8	0.059	5.6
		Phenol	108-95-2	0.039	6.2

TREATMENT STANDARDS FOR HAZARDOUS WASTES NOTE: NA means not applicable				
WASTE CODE	WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY <sup>1</sup>	REGULATED HAZARDOUS CONSTITUENT		NONWASTEWATERS Concentration in mg/kg <sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code <sup>4</sup>
		Common Name	CAS <sup>2</sup> Number	
		Pyrene	129-00-0	8.2
K036	Still bottoms from toluene reclamation distillation in the production of disulfoton.	Disulfoton	298-04-4	6.2
K037	Wastewater treatment sludges from the production of disulfoton.	Disulfoton	298-04-4	6.2
		Toluene	108-88-3	10
K038	Wastewater from the washing and stripping of phorate production.	Phorate	298-02-2	4.6
K039	Filter cake from the filtration of diethylphosphorodithioic acid in the production of phorate.	NA	NA	CMBST
K040	Wastewater treatment sludge from the production of phorate.	Phorate	298-02-2	4.6
K041	Wastewater treatment sludge from the production of toxaphene.	Toxaphene	8001-35-2	2.6
K042	Heavy ends or distillation residues from the distillation of tetrachlorobenzene in the production of 2,4,5-T.	o-Dichlorobenzene	95-50-1	6.0
		p-Dichlorobenzene	106-46-7	6.0
		Pentachlorobenzene	608-93-5	10
		1,2,4,5-Tetrachlorobenzene	95-94-3	14
		1,2,4-Trichlorobenzene	120-82-1	19
K043	2,6-Dichlorophenol waste from the production of 2,4-D.	2,4-Dichlorophenol	120-83-2	14
		2,6-Dichlorophenol	187-65-0	14
		2,4,5-Trichlorophenol	95-95-4	7.4
		2,4,6-Trichlorophenol	88-06-2	7.4
		2,3,4,6-Tetrachlorophenol	58-90-2	7.4

TREATMENT STANDARDS FOR HAZARDOUS WASTES NOTE: NA means not applicable				
WASTE CODE	WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY <sup>1</sup>	REGULATED HAZARDOUS CONSTITUENT		NONWASTEWATERS
		Common Name	CAS <sup>2</sup> Number	Concentration in mg/l <sup>3</sup> ; or Technology Code <sup>4</sup>
		Pentachlorophenol	87-86-5	7.4
		Tetrachloroethylene	127-18-4	6.0
		HxCDDs (All Hexachlorodibenzo-p-dioxins)	NA	0.000063
		HxCDFs (All Hexachlorodibenzofurans)	NA	0.000063
		PeCDDs (All Pentachlorodibenzo-p-dioxins)	NA	0.000063
		PeCDFs (All Pentachlorodibenzofurans)	NA	0.000035
		TCDDs (All Tetrachlorodibenzo-p-dioxins)	NA	0.000063
		TCDFs (All Tetrachlorodibenzofurans)	NA	0.000063
		NA	NA	DEACT
		NA	NA	DEACT
K044	Wastewater treatment sludges from the manufacturing and processing of explosives.			DEACT
K045	Spent carbon from the treatment of wastewater containing explosives.			DEACT
K046	Wastewater treatment sludges from the manufacturing, formulation and loading of lead-based initiating compounds.	Lead	7439-92-1	0.69
K047	Pink/red water from TNT operations	NA	NA	DEACT
K048	Dissolved air flotation (DAF) float from the petroleum refining industry.	Benzene	71-43-2	10
		Benzo(a)pyrene	50-32-8	3.4

TREATMENT STANDARDS FOR HAZARDOUS WASTES NOTE: NA means not applicable				
WASTE CODE	WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY <sup>1</sup>	REGULATED HAZARDOUS CONSTITUENT		NONWASTEWATERS
		Common Name	CAS <sup>2</sup> Number	Concentration in mg/kg <sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code <sup>4</sup>
		bis(2-Ethylhexyl) phthalate	117-81-7	0.28
		Chrysene	218-01-9	0.059
		Di-n-butyl phthalate	84-74-2	0.057
		Ethylbenzene	100-41-4	0.057
		Fluorene	86-73-7	0.059
		Naphthalene	91-20-3	0.059
		Phenanthrene	85-01-8	0.059
		Phenol	108-95-2	0.039
		Pyrene	129-00-0	0.067
		Toluene	108-88-33	0.080
		Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations)	1330-20-7	0.32
		Chromium (Total)	7440-47-3	2.77
		Cyanides (Total) <sup>7</sup>	57-12-5	1.2
		Lead	7439-92-1	0.69
		Nickel	7440-02-0	NA
		Anthracene	120-12-7	0.059
		Benzene	71-43-2	0.14
K049	Slop oil emulsion solids from the petroleum refining industry.	Benzo(a)pyrene	50-32-8	0.061
		bis(2-Ethylhexyl) phthalate	117-81-7	0.28
		Carbon disulfide	75-15-0	3.8

TREATMENT STANDARDS FOR HAZARDOUS WASTES NOTE: NA means not applicable				
WASTE CODE	WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY <sup>1</sup>	REGULATED HAZARDOUS CONSTITUENT		NONWASTEWATERS
		Common Name	CAS <sup>2</sup> Number	Concentration in mg/l <sup>3</sup> ; or Technology Code <sup>4</sup>
		Chrysene	2218-01-9	0.059
		2,4-Dimethylphenol	105-67-9	0.036
		Ethylbenzene	100-41-4	0.057
		Naphthalene	91-20-3	0.059
		Phenanthrene	85-01-8	0.059
		Phenol	108-95-2	0.039
		Pyrene	129-00-0	0.067
		Toluene	108-88-3	0.080
		Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations)	1330-20-7	0.32
		Cyanides (Total) <sup>7</sup>	57-12-5	1.2
		Chromium (Total)	7440-47-3	2.77
		Lead	7439-92-1	0.69
		Nickel	7440-02-0	NA
		Benzo(a)pyrene	50-32-8	0.061
		Phenol	108-95-2	0.039
		Cyanides (Total) <sup>7</sup>	57-12-5	1.2
K050	Heat exchanger bundle cleaning sludge from the petroleum refining industry.	Chromium (Total)	7440-47-3	2.77
		Lead	7439-92-1	0.69
		Nickel	7440-02-0	NA
				11 mg/l TCLP
				Concentration in mg/kg <sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code <sup>4</sup>
				3.4
				NA
				10
				5.6
				5.6
				6.2
				8.2
				10
				30
				590
				0.60 mg/l TCLP
				NA
				11 mg/l TCLP
				3.4
				6.2
				590
				0.60 mg/l TCLP
				NA
				11 mg/l TCLP

TREATMENT STANDARDS FOR HAZARDOUS WASTES NOTE: NA means not applicable				
WASTE CODE	WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY <sup>1</sup>	REGULATED HAZARDOUS CONSTITUENT		NONWASTEWATERS
		Common Name	CAS <sup>2</sup> Number	Concentration in mg/l <sup>3</sup> ; or Technology Code <sup>4</sup>
K051	API separator sludge from the petroleum refining industry.	Acenaphthene	83-32-9	0.059
		Anthracene	120-12-7	0.059
		Benz(a)anthracene	56-55-3	0.059
		Benzene	71-43-2	0.14
		Benzo(a)pyrene	50-32-8	0.061
		bis(2-Ethylhexyl) phthalate	117-81-7	0.28
		Chrysene	2218-01-9	0.059
		Di-n-butyl phthalate	105-67-9	0.057
		Ethylbenzene	100-41-4	0.057
		Fluorene	86-73-7	0.059
		Naphthalene	91-20-3	0.059
		Phenanthrene	85-01-8	0.059
		Phenol	108-95-2	0.039
		Pyrene	129-00-0	0.067
		Toluene	108-88-3	0.08
		Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations)	1330-20-7	0.32
		Cyanides (Total) <sup>7</sup>	57-12-5	1.2
		Chromium (Total)	7440-47-3	2.77
		Lead	7439-92-1	0.69
		Nickel	7440-02-0	NA
				11 mg/l TCLP

Concentration in mg/kg<sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code<sup>4</sup>

Concentration in mg/l<sup>3</sup>; or Technology Code<sup>4</sup>

CAS<sup>2</sup> Number

Common Name

WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY<sup>1</sup>

WASTE CODE

API separator sludge from the petroleum refining industry.

K051

NA

3.4

3.4

10

3.4

28

3.4

28

10

NA

5.6

5.6

6.2

8.2

10

30

590

0.60 mg/l TCLP

NA

11 mg/l TCLP

TREATMENT STANDARDS FOR HAZARDOUS WASTES NOTE: NA means not applicable				
WASTE CODE	WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY <sup>1</sup>	REGULATED HAZARDOUS CONSTITUENT		NONWASTEWATERS
		Common Name	CAS <sup>2</sup> Number	WASTEWATERS Concentration in mg/l <sup>3</sup> ; or Technology Code <sup>4</sup>
K052	Tank bottoms (leaded) from the petroleum refining industry.	Benzene	71-43-2	0.14
		Benzo(a)pyrene	50-32-8	0.061
		o-Cresol	95-48-7	0.11
		m-Cresol (difficult to distinguish from p-cresol)	108-39-4	0.77
		p-Cresol (difficult to distinguish from m-cresol)	106-44-5	0.77
		2,4-Dimethylphenol	105-67-9	0.036
		Ethylbenzene	100-41-4	0.057
		Naphthalene	91-20-3	0.059
		Phenanthrene	85-01-8	0.059
		Phenol	108-95-2	0.039
		Toluene	108-88-3	0.08
		Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations)	1330-20-7	0.32
		Chromium (Total)	7440-47-3	2.77
		Cyanides (Total) <sup>7</sup>	57-12-5	1.2
		Lead	7439-92-1	0.69
		Nickel	7440-02-0	NA
		Benzene	71-43-2	0.14
K060	Ammonia still lime sludge from coking operations.			10

Concentration in mg/kg<sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code<sup>4</sup>

Concentration in mg/l<sup>3</sup>; or Technology Code<sup>4</sup>

CAS<sup>2</sup> Number

Common Name

WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY<sup>1</sup>

WASTE CODE

NONWASTEWATERS

Concentration in mg/kg<sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code<sup>4</sup>

Concentration in mg/l<sup>3</sup>; or Technology Code<sup>4</sup>

CAS<sup>2</sup> Number

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Concentration in mg/kg<sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code<sup>4</sup>

Concentration in mg/l<sup>3</sup>; or Technology Code<sup>4</sup>

CAS<sup>2</sup> Number

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WASTE CODE

NONWASTEWATERS

Concentration in mg/kg<sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code<sup>4</sup>

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Concentration in mg/l<sup>3</sup>; or Technology Code<sup>4</sup>

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WASTE CODE

NONWASTEWATERS

Concentration in mg/kg<sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code<sup>4</sup>

Concentration in mg/l<sup>3</sup>; or Technology Code<sup>4</sup>

CAS<sup>2</sup> Number

Common Name

WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY<sup>1</sup>

WASTE CODE

NONWASTEWATERS

Concentration in mg/kg<sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code<sup>4</sup>

Concentration in mg/l<sup>3</sup>; or Technology Code<sup>4</sup>

CAS<sup>2</sup> Number

Common Name

WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY<sup>1</sup>

WASTE CODE

NONWASTEWATERS

Concentration in mg/kg<sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code<sup>4</sup>

Concentration in mg/l<sup>3</sup>; or Technology Code<sup>4</sup>

CAS<sup>2</sup> Number

Common Name

WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY<sup>1</sup>

WASTE CODE

NONWASTEWATERS

Concentration in mg/kg<sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code<sup>4</sup>

Concentration in mg/l<sup>3</sup>; or Technology Code<sup>4</sup>

CAS<sup>2</sup> Number

Common Name

WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY<sup>1</sup>

WASTE CODE

NONWASTEWATERS

Concentration in mg/kg<sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code<sup>4</sup>

Concentration in mg/l<sup>3</sup>; or Technology Code<sup>4</sup>

CAS<sup>2</sup> Number

Common Name

WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY<sup>1</sup>

WASTE CODE

NONWASTEWATERS

Concentration in mg/kg<sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code<sup>4</sup>

Concentration in mg/l<sup>3</sup>; or Technology Code<sup>4</sup>

CAS<sup>2</sup> Number

Common Name

WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY<sup>1</sup>

WASTE CODE

NONWASTEWATERS

Concentration in mg/kg<sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code<sup>4</sup>

Concentration in mg/l<sup>3</sup>; or Technology Code<sup>4</sup>

CAS<sup>2</sup> Number

Common Name

WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY<sup>1</sup>

WASTE CODE

NONWASTEWATERS

Concentration in mg/kg<sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code<sup>4</sup>

Concentration in mg/l<sup>3</sup>; or Technology Code<sup>4</sup>

CAS<sup>2</sup> Number

Common Name

WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY<sup>1</sup>

WASTE CODE

NONWASTEWATERS

Concentration in mg/kg<sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code<sup>4</sup>

Concentration in mg/l<sup>3</sup>; or Technology Code<sup>4</sup>

CAS<sup>2</sup> Number

Common Name

WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY<sup>1</sup>

WASTE CODE

NONWASTEWATERS

Concentration in mg/kg<sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code<sup>4</sup>

Concentration in mg/l<sup>3</sup>; or Technology Code<sup>4</sup>

CAS<sup>2</sup> Number

Common Name

WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY<sup>1</sup>

WASTE CODE

NONWASTEWATERS

Concentration in mg/kg<sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code<sup>4</sup>

Concentration in mg/l<sup>3</sup>; or Technology Code<sup>4</sup>

CAS<sup>2</sup> Number

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Concentration in mg/l<sup>3</sup>; or Technology Code<sup>4</sup>

CAS<sup>2</sup> Number

Common Name

WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY<sup>1</sup>

WASTE CODE

NONWASTEWATERS

Concentration in mg/kg<sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code<sup>4</sup>



TREATMENT STANDARDS FOR HAZARDOUS WASTES NOTE: NA means not applicable				
WASTE CODE	WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY <sup>1</sup>	REGULATED HAZARDOUS CONSTITUENT	WASTEWATERS	NONWASTEWATERS
		Common Name	CAS <sup>2</sup> Number	Concentration in mg/kg <sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code <sup>4</sup>
		Benzo(a)pyrene	50-32-8	3.4
		Naphthalene	91-20-3	5.6
		Phenol	108-95-2	6.2
		Cyanides (Total) <sup>7</sup>	57-12-5	590
K061	Emission control dust/sludge from the primary production of steel in electric furnaces.	Antimony	7440-36-0	1.15 mg/l TCLP
		Arsenic	7440-38-2	5.0 mg/l TCLP
		Barium	7440-39-3	21 mg/l TCLP
		Beryllium	7440-41-7	1.22 mg/l TCLP
		Cadmium	7440-43-9	0.11 mg/l TCLP
		Chromium (Total)	7440-47-3	0.60 mg/l TCLP
		Lead	7439-92-1	0.75 mg/l TCLP
		Mercury	7439-97-6	0.025 mg/l TCLP
		Nickel	7440-02-0	11 mg/l TCLP
		Selenium	7782-49-2	5.7 mg/l TCLP
		Silver	7440-22-4	0.14 mg/l TCLP
		Thallium	7440-28-0	0.20 mg/l TCLP
		Zinc	7440-66-6	4.3 mg/l TCLP
K062	Spent pickle liquor generated by steel finishing operations of facilities within the iron and steel industry (SIC Codes 331 and 332).	Chromium (Total)	7440-47-3	0.60 mg/l TCLP
		Lead	7439-92-1	0.75 mg/l TCLP
		Nickel	7440-02-0	NA

TREATMENT STANDARDS FOR HAZARDOUS WASTES NOTE: NA means not applicable					
WASTE CODE	WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY <sup>1</sup>	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS	NONWASTEWATERS
		Common Name	CAS <sup>2</sup> Number	Concentration in mg/l <sup>3</sup> , or Technology Code <sup>4</sup>	Concentration in mg/kg <sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code <sup>4</sup>
K069	Emission control dust/sludge from secondary lead smelting. - Calcium Sulfate (Low Lead) Subcategory	Cadmium	7440-43-9	0.69	0.11 mg/l TCLP
		Lead	7439-92-1	0.69	0.75 mg/l TCLP
		NA	NA	NA	RLEAD
K071	K071 (Brine purification muds from the mercury cell process in chlorine production, where separately prepurified brine is not used) nonwastewaters that are residues from RMERC.	Mercury	7439-97-6	NA	0.20 mg/l TCLP
		Mercury	7439-97-6	NA	0.025 mg/l TCLP
		Mercury	7439-97-6	0.15	NA
K073	Chlorinated hydrocarbon waste from the purification step of the diaphragm cell process using graphite anodes in chlorine production.	Carbon tetrachloride	56-23-5	0.057	6.0
		Chloroform	67-66-3	0.046	6.0
		Hexachloroethane	67-72-1	0.055	30
		Tetrachloroethylene	127-18-4	0.056	6.0
		1,1,1-Trichloroethane	71-55-6	0.054	6.0
K083	Distillation bottoms from aniline production.	Aniline	62-53-3	0.81	14
		Benzene	71-43-2	0.14	10
		Cyclohexanone	108-94-1	0.36	NA
		Diphenylamine (difficult to distinguish from diphenylnitrosamine)	122-39-4	0.92	13

TREATMENT STANDARDS FOR HAZARDOUS WASTES NOTE: NA means not applicable				
WASTE CODE	WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY <sup>1</sup>	REGULATED HAZARDOUS CONSTITUENT		NONWASTEWATERS
		Common Name	CAS <sup>2</sup> Number	WASTEWATERS Concentration in mg/l <sup>3</sup> , or Technology Code <sup>4</sup>
		Diphenylnitrosamine (difficult to distinguish from diphenylamine)	86-30-6	Concentration in mg/kg <sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code <sup>4</sup> 13
		Nitrobenzene	98-95-3	14
		Phenol	108-95-2	6.2
		Nickel	7440-02-0	11 mg/l TCLP
K084	Wastewater treatment sludges generated during the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.	Arsenic	7440-38-2	5.0 mg/l TCLP
K085	Distillation or fractionation column bottoms from the production of chlorobenzenes.	Benzene	71-43-2	10
		Chlorobenzene	108-90-7	6.0
		m-Dichlorobenzene	541-73-1	6.0
		o-Dichlorobenzene	95-50-1	6.0
		p-Dichlorobenzene	106-46-7	6.0
		Hexachlorobenzene	118-74-1	10
		Total PCBs (sum of all PCB isomers, or all Aroclors)	1336-36-3	10
		Pentachlorobenzene	608-93-5	10
		1,2,4,5-Tetrachlorobenzene	95-94-3	14
		1,2,4-Trichlorobenzene	120-82-1	19

TREATMENT STANDARDS FOR HAZARDOUS WASTES NOTE: NA means not applicable				
WASTE CODE	WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY <sup>1</sup>	REGULATED HAZARDOUS CONSTITUENT		NONWASTEWATERS
		Common Name	CAS <sup>2</sup> Number	WASTEWATERS Concentration in mg/l <sup>3</sup> , or Technology Code <sup>4</sup> Concentration in mg/kg <sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code <sup>4</sup>
K086	Solvent wastes and sludges, caustic washes and sludges, or water washes and sludges from cleaning tubs and equipment used in the formulation of ink from pigments, driers, soaps, and stabilizers containing chromium and lead.	Acetone	67-64-1	0.28 160
		Acetophenone	96-86-2	0.010 9.7
		bis(2-Ethylhexyl) phthalate	117-81-7	0.28 28
		n-Butyl alcohol	71-36-3	5.6 2.6
		Butylbenzyl phthalate	85-68-7	0.017 28
		Cyclohexanone	108-94-1	0.36 NA
		o-Dichlorobenzene	95-50-1	0.088 6.0
		Diethyl phthalate	84-66-2	0.20 28
		Dimethyl phthalate	131-11-3	0.047 28
		Di-n-butyl phthalate	84-74-2	0.057 28
		Di-n-octyl phthalate	117-84-0	0.017 28
		Ethyl acetate	141-78-6	0.34 33
		Ethylbenzene	100-41-4	0.057 10
		Methanol	67-56-1	5.6 NA
		Methyl ethyl ketone	78-93-3	0.28 36
		Methyl isobutyl ketone	108-10-1	0.14 33
		Methylene chloride	75-09-2	0.089 30
		Naphthalene	91-20-3	0.059 5.6
		Nitrobenzene	98-95-3	0.068 14
		Toluene	108-88-3	0.080 10
		1,1,1-Trichloroethane	71-55-6	0.054 6.0

TREATMENT STANDARDS FOR HAZARDOUS WASTES NOTE: NA means not applicable					
WASTE CODE	WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY <sup>1</sup>	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS	NONWASTEWATERS
		Common Name	CAS <sup>2</sup> Number	Concentration in mg/l <sup>3</sup> ; or Technology Code <sup>4</sup>	Concentration in mg/kg <sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code <sup>4</sup>
K087	Decanter tank tar sludge from coking operations.	Trichloroethylene	79-01-6	0.054	6.0
		Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations)	1330-20-7	0.32	30
		Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
		Cyanides (Total) <sup>7</sup>	57-12-5	1.2	590
		Lead	7439-92-1	0.69	0.75 mg/l TCLP
		Acenaphthylene	208-96-8	0.059	3.4
		Benzene	71-43-2	0.14	10
		Chrysene	218-01-9	0.059	3.4
		Fluoranthene	206-44-0	0.068	3.4
		Indeno(1,2,3-cd)pyrene	193-39-5	0.0055	3.4
		Naphthalene	91-20-3	0.059	5.6
		Phenanthrene	85-01-8	0.059	5.6
		Toluene	108-88-3	0.080	10
		Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations)	1330-20-7	0.32	30
		Lead	7439-92-1	0.69	0.75 mg/l TCLP
		Acenaphthene	83-32-9	0.059	3.4
K088	Spent potliners from primary aluminum reduction.	Anthracene	120-12-7	0.059	3.4
		Benz(a)anthracene	56-55-3	0.059	3.4
		Benzo(a)pyrene	50-32-8	0.061	3.4

TREATMENT STANDARDS FOR HAZARDOUS WASTES NOTE: NA means not applicable				
WASTE CODE	WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY <sup>1</sup>	REGULATED HAZARDOUS CONSTITUENT		NONWASTEWATERS
		Common Name	CAS <sup>2</sup> Number	WASTEWATERS Concentration in mg/l <sup>3</sup> ; or Technology Code <sup>4</sup>
		Benzo(b)fluoranthene	205-99-2	Concentration in mg/kg <sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code <sup>4</sup>
		Benzo(k)fluoranthene	207-08-9	6.8
		Benzo(g,h,i)perylene	191-24-2	6.8
		Chrysene	218-01-9	1.8
		Dibenz(a,h)anthracene	53-70-3	3.4
		Fluoranthene	206-44-0	8.2
		Indeno(1,2,3-c,d)pyrene	193-39-5	3.4
		Phenanthrene	85-01-8	3.4
		Pyrene	129-00-0	5.6
		Antimony	7440-36-0	8.2
		Arsenic	7440-38-2	1.15 mg/l TCLP
		Barium	7440-39-3	5.0 mg/l TCLP
		Beryllium	7440-41-7	21 mg/l TCLP
		Cadmium	7440-43-9	1.22 mg/l TCLP
		Chromium (Total)	7440-47-3	0.11 mg/l TCLP
		Lead	7439-92-1	0.60 mg/l TCLP
		Mercury	7439-97-6	0.75 mg/l TCLP
		Nickel	7440-02-0	0.025 mg/l TCLP
		Selenium	7782-49-2	11 mg/l TCLP
		Silver	7440-22-4	5.7 mg/l TCLP
		Cyanide (Total) <sup>7</sup>	57-12-5	0.14 mg/l TCLP
				590

TREATMENT STANDARDS FOR HAZARDOUS WASTES NOTE: NA means not applicable					
WASTE CODE	WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY <sup>1</sup>	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS	NONWASTEWATERS
		Common Name	CAS <sup>2</sup> Number	Concentration in mg/l <sup>3</sup> ; or Technology Code <sup>4</sup>	Concentration in mg/kg <sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code <sup>4</sup>
		Cyanide (Amenable) <sup>7</sup>	57-12-5	0.86	30
		Fluoride	16984-48-8	35	48 mg/l TCLP
K093	Distillation light ends from the production of phthalic anhydride from ortho-xylene.	Phthalic anhydride (measured as Phthalic acid or Terephthalic acid)	100-21-0	0.055	28
		Phthalic anhydride (measured as Phthalic acid or Terephthalic acid)	85-44-9	0.055	28
K094	Distillation bottoms from the production of phthalic anhydride from ortho-xylene.	Phthalic anhydride (measured as Phthalic acid or Terephthalic acid)	100-21-0	0.055	28
		Phthalic anhydride (measured as Phthalic acid or Terephthalic acid)	85-44-9	0.055	28
K095	Distillation bottoms from the production of 1,1,1-trichloroethane.	Hexachloroethane	67-72-1	0.055	30
		Pentachloroethane	76-01-7	0.055	6.0
		1,1,1,2-Tetrachloroethane	630-20-6	0.057	6.0
		1,1,2,2-Tetrachloroethane	79-34-6	0.057	6.0
		Tetrachloroethylene	127-18-4	0.056	6.0
		1,1,2-Trichloroethane	79-00-5	0.054	6.0
		Trichloroethylene	79-01-6	0.054	6.0
K096	Heavy ends from the heavy ends column from the production of 1,1,1-trichloroethane.	m-Dichlorobenzene	541-73-1	0.036	6.0
		Pentachloroethane	76-01-7	0.055	6.0
		1,1,1,2-Tetrachloroethane	630-20-6	0.057	6.0



TREATMENT STANDARDS FOR HAZARDOUS WASTES NOTE: NA means not applicable					
WASTE CODE	WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY <sup>1</sup>	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS	NONWASTEWATERS
		Common Name	CAS <sup>2</sup> Number	Concentration in mg/l <sup>3</sup> , or Technology Code <sup>4</sup>	Concentration in mg/kg <sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code <sup>4</sup>
		1,1,2,2-Tetrachloroethane	79-34-6	0.057	6.0
		Tetrachloroethylene	127-18-4	0.056	6.0
		1,2,4-Trichlorobenzene	120-82-1	0.055	19
		1,1,2-Trichloroethane	79-00-5	0.054	6.0
		Trichloroethylene	79-01-6	0.054	6.0
K097	Vacuum stripper discharge from the chlordane chlorinator in the production of chlordane.	Chlordane (alpha and gamma isomers)	57-74-9	0.0033	0.26
		Heptachlor	76-44-8	0.0012	0.066
		Heptachlor epoxide	1024-57-3	0.016	0.066
		Hexachlorocyclopentadiene	77-47-4	0.057	2.4
		Toxaphene	8001-35-2	0.0095	2.6
K098	Untreated process wastewater from the production of toxaphene.				
K099	Untreated wastewater from the production of 2,4-D.	2,4-Dichlorophenoxyacetic acid	94-75-7	0.72	10
		HxCDDs (All Hexachlorodibenzo-p-dioxins)	NA	0.000063	0.001
		HxCDFs (All Hexachlorodibenzofurans)	NA	0.000063	0.001
		PeCDDs (All Pentachlorodibenzo-p-dioxins)	NA	0.000063	0.001
		PeCDFs (All Pentachlorodibenzofurans)	NA	0.000035	0.001

TREATMENT STANDARDS FOR HAZARDOUS WASTES NOTE: NA means not applicable					
WASTE CODE	WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY <sup>1</sup>	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS	NONWASTEWATERS
		Common Name	CAS <sup>2</sup> Number	Concentration in mg/l <sup>3</sup> , or Technology Code <sup>4</sup>	Concentration in mg/kg <sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code <sup>4</sup>
K100	Waste leaching solution from acid leaching of emission control dust/sludge from secondary lead smelting.	TCDDs (All Tetrachlorodibenzo-p-dioxins)	NA	0.000063	0.001
		TCDFs (All Tetrachlorodibenzofurans)	NA	0.000063	0.001
		Cadmium	7440-43-9	0.69	0.11 mg/l TCLP
		Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
K101	Distillation tar residues from the distillation of aniline-based compounds in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.	Lead	7439-92-1	0.69	0.75 mg/l TCLP
		o-Nitroaniline	88-74-4	0.27	14
		Arsenic	7440-38-2	1.4	5.0 mg/l TCLP
		Cadmium	7440-43-9	0.69	NA
		Lead	7439-92-1	0.69	NA
		Mercury	7439-97-6	0.15	NA
		o-Nitrophenol	88-75-5	0.028	13
K102	Residue from the use of activated carbon for decolorization in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.	Arsenic	7440-38-2	1.4	5.0 mg/l TCLP
		Cadmium	7440-43-9	0.69	NA
		Lead	7439-92-1	0.69	NA
		Mercury	7439-97-6	0.15	NA
		Aniline	62-53-3	0.81	14
K103	Process residues from aniline extraction from the production of aniline.	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

TREATMENT STANDARDS FOR HAZARDOUS WASTES NOTE: NA means not applicable					
WASTE CODE	WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY <sup>1</sup>	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS	NONWASTEWATERS
		Common Name	CAS <sup>2</sup> Number	Concentration in mg/l <sup>3</sup> ; or Technology Code <sup>4</sup>	Concentration in mg/kg <sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code <sup>4</sup>
K104	Combined wastewater streams generated from nitrobenzene/ aniline production.	Aniline	62-53-3	0.81	14
		Benzene	71-43-2	0.14	10
		2,4-Dinitrophenol	51-28-5	0.12	160
		Nitrobenzene	98-95-3	0.068	14
		Phenol	108-95-2	0.039	6.2
		Cyanides (Total) <sup>7</sup>	57-12-5	1.2	590
		Benzene	71-43-2	0.14	10
K105	Separated aqueous stream from the reactor product washing step in the production of chlorobenzenes.	Chlorobenzene	108-90-7	0.057	6.0
		2-Chlorophenol	95-57-8	0.044	5.7
		o-Dichlorobenzene	95-50-1	0.088	6.0
		p-Dichlorobenzene	106-46-7	0.090	6.0
		Phenol	108-95-2	0.039	6.2
		2,4,5-Trichlorophenol	95-95-4	0.18	7.4
		2,4,6-Trichlorophenol	88-06-2	0.035	7.4
K106	K106 (wastewater treatment sludge from the mercury cell process in chlorine production) nonwastewaters that contain greater than or equal to 260 mg/kg total mercury.	Mercury	7439-97-6	NA	RMERC
		Mercury	7439-97-6	NA	0.20 mg/l TCLP
		Mercury	7439-97-6	NA	0.025 mg/l TCLP

TREATMENT STANDARDS FOR HAZARDOUS WASTES NOTE: NA means not applicable				
WASTE CODE	WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY <sup>1</sup>	REGULATED HAZARDOUS CONSTITUENT	WASTEWATERS	NONWASTEWATERS
	All K106 wastewaters.	Mercury	0.15	Concentration in mg/kg <sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code <sup>4</sup>
K107	Column bottoms from product separation from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazides.	NA	CMBST; or CHOXD fb CARBN; or BIODG fb CARBN	CMBST
K108	Condensed column overheads from product separation and condensed reactor vent gases from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazides.	NA	CMBST; or CHOXD fb CARBN; or BIODG fb CARBN	CMBST
K109	Spent filter cartridges from product purification from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazides.	NA	CMBST; or CHOXD fb CARBN; or BIODG fb CARBN	CMBST
K110	Condensed column overheads from intermediate separation from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazides.	NA	CMBST; or CHOXD fb CARBN; or BIODG fb CARBN	CMBST
K111	Product washwaters from the production of dinitrotoluene via nitration of toluene	2,4-Dinitrotoluene	0.32	140
		2,6-Dinitrotoluene	0.55	28
K112	Reaction by-product water from the drying column in the production of toluenediamine via hydrogenation of dinitrotoluene.	NA	CMBST; or CHOXD fb CARBN; or BIODG fb CARBN	CMBST
K113	Condensed liquid light ends from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene.	NA	CARBN; OR CMBST	CMBST
K114	Vicinals from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene.	NA	CARBN; or CMBST	CMBST
K115	Heavy ends from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene.	Nickel	3.98	11 mg/l TCLP
		NA	CARBN; or CMBST	CMBST

TREATMENT STANDARDS FOR HAZARDOUS WASTES NOTE: NA means not applicable					
WASTE CODE	WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY <sup>1</sup>	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS	NONWASTEWATERS
		Common Name	CAS <sup>2</sup> Number	Concentration in mg/l <sup>3</sup> , or Technology Code <sup>4</sup>	Concentration in mg/kg <sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code <sup>4</sup>
K116	Organic condensate from the solvent recovery column in the production of toluene diisocyanate via phosgenation of toluenediamine.	NA	NA	CARBEN; or CMBST	CMBST
K117	Wastewater from the reactor vent gas scrubber in the production of ethylene dibromide via bromination of ethene.	Methyl bromide (Bromomethane)	74-83-9	0.11	15
		Chloroform	67-66-3	0.046	6.0
		Ethylene dibromide (1,2-Dibromoethane)	106-93-4	0.028	15
K118	Spent absorbent solids from purification of ethylene dibromide in the production of ethylene dibromide via bromination of ethene.	Methyl bromide (Bromomethane)	74-83-9	0.11	15
		Chloroform	67-66-3	0.046	6.0
		Ethylene dibromide (1,2-Dibromoethane)	106-93-4	0.028	15
K123	Process wastewater (including supernates, filtrates, and washwaters) from the production of ethylenedisulfoncarbamate acid and its salts.	NA	NA	CMBST; or CHOXD fb (BIODG or CARBN)	CMBST
K124	Reactor vent scrubber water from the production of ethylenedisulfoncarbamate acid and its salts.	NA	NA	CMBST; or CHOXD fb (BIODG or CARBN)	CMBST
K125	Filtration, evaporation, and centrifugation solids from the production of ethylenedisulfoncarbamate acid and its salts.	NA	NA	CMBST; or CHOXD fb (BIODG or CARBN)	CMBST
K126	Baghouse dust and floor sweepings in milling and packaging operations from the production or formulation of ethylenedisulfoncarbamate acid and its salts.	NA	NA	CMBST; or CHOXD fb (BIODG or CARBN)	CMBST
K131	Wastewater from the reactor and spent sulfuric acid from the acid dryer from the production of methyl bromide.	Methyl bromide (Bromomethane)	74-83-9	0.11	15

TREATMENT STANDARDS FOR HAZARDOUS WASTES NOTE: NA means not applicable					
WASTE CODE	WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY <sup>1</sup>	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS Concentration in mg/l <sup>3</sup> ; or Technology Code <sup>4</sup>	NONWASTEWATERS Concentration in mg/kg <sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code <sup>4</sup>
		Common Name	CAS <sup>2</sup> Number		
K132	Spent absorbent and wastewater separator solids from the production of methyl bromide.	Methyl bromide (Bromomethane)	74-83-9	0.11	15
K136	Still bottoms from the purification of ethylene dibromide in the production of ethylene dibromide via bromination of ethene.	Methyl bromide (Bromomethane)	74-83-9	0.11	15
		Chloroform	67-66-3	0.046	6.0
		Ethylene dibromide (1,2-Dibromoethane)	106-93-4	0.028	15
K140	Floor sweepings, off-specification product, and spent filter media from the production of 2,4,6-tribromophenol.	2,4,6-Tribromophenol	118-79-6	0.035	7.4
K141	Process residues from the recovery of coal tar, including, but not limited to, collecting sump residues from the production of coke or the recovery of coke by-products produced from coal. This listing does not include K087 (decanter tank tar sludge from coking operations).	Benzene	71-43-2	0.14	10
		Benz(a)anthracene	56-55-3	0.059	3.4
		Benzo(a)pyrene	50-2-8	0.061	3.4
		Benzo(b)fluoranthene (difficult to distinguish from benzo(k)fluoranthene)	205-99-2	0.11	6.8
		Benzo(k)fluoranthene (difficult to distinguish from benzo(b)fluoranthene)	207-08-9	0.11	6.8
		Chrysene	218-01-9	0.059	3.4
		Dibenz(a,h)anthracene	53-70-3	0.055	8.2
		Indeno(1,2,3-cd)pyrene	193-39-5	0.0055	3.4
K142	Tar storage tank residues from the production of coke from coal or from the recovery of coke by-products produced from coal.	Benzene	71-43-2	0.14	10
		Benzo(a)anthracene	56-55-3	0.059	3.4
		Benzo(a)pyrene	50-32-8	0.061	3.4

TREATMENT STANDARDS FOR HAZARDOUS WASTES    NOTE: NA means not applicable						
WASTE CODE	WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY <sup>1</sup>	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS Concentration in mg/l <sup>3</sup> , or Technology Code <sup>4</sup>	NONWASTEWATERS Concentration in mg/kg <sup>5</sup> unless noted as "mg/l TCLP"; or Technology Code <sup>4</sup>	
		Common Name	CAS <sup>2</sup> 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.	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	
		Benzene	71-43-2	0.14	10	
		Benz(a)anthracene	56-55-3	0.059	3.4	
		Benzo(a)pyrene	50-32-8	0.061	3.4	
		Benzo(b)fluoranthene (difficult to distinguish from benzo(k)fluoranthene)	205-99-2	0.11	6.8	
		Benzo(k)fluoranthene (difficult to distinguish from benzo(b)fluoranthene)	207-08-9	0.11	6.8	
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.	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	
		Benzo(a)pyrene	50-32-8	0.061	3.4	
		Benzo(b)fluoranthene (difficult to distinguish from benzo(k)fluoranthene)	205-99-2	0.11	6.8	



TREATMENT STANDARDS FOR HAZARDOUS WASTES NOTE: NA means not applicable				
WASTE CODE	WASTE DESCRIPTION AND TREATMENT/REGULATORY SUBCATEGORY <sup>1</sup>	REGULATED HAZARDOUS CONSTITUENT		NONWASTEWATERS
		Common Name	CAS <sup>2</sup> Number	Concentration in mg/l <sup>3</sup> , or Technology Code <sup>4</sup>
K145	Residues from naphthalene collection and recovery operations from the recovery of coke by-products produced from coal.	Benzo(k)fluoranthene (difficult to distinguish from benzo(b)fluoranthene)	207-08-9	0.11
		Chrysene	218-01-9	0.059
		Dibenz(a,h)anthracene	53-70-3	0.055
		Benzene	71-43-2	0.14
		Benz(a)anthracene	56-55-3	0.059
		Benzo(a)pyrene	50-32-8	0.061
		Chrysene	218-01-9	0.059
		Dibenz(a,h)anthracene	53-70-3	0.055
		Naphthalene	91-20-3	0.059
		Benzene	71-43-2	0.14
K147	Tar storage tank residues from coal tar refining.	Benzo(a)anthracene	56-55-3	0.059
		Benzo(a)pyrene	50-32-8	0.061
		Benzo(b)fluoranthene (difficult to distinguish from benzo(k)fluoranthene)	205-99-2	0.11
		Benzo(k)fluoranthene (difficult to distinguish from benzo(b)fluoranthene)	207-08-9	0.11
		Chrysene	218-01-9	0.059
		Dibenz(a,h)anthracene	53-70-3	0.055
		Indeno(1,2,3-cd)pyrene	193-39-5	0.0055
				6.8
				3.4
				8.2
				10
				3.4
				3.4
				8.2
				5.6
				10
				3.4
				3.4
				6.8
				6.8
				3.4
				8.2
				3.4