TABLE 1A
Comparison with 40 CFR 261.24
(PPM)

Waste Code	Regulatory limit (ppm)	Maximum Detected (or Detection limit)	Characteristic	Synonyms
D023, D024, D025	200	0.36	ortho, meta and para Cresols	2,3,4 methyl phenol
D026	200	0.71	Cresol (total)	methyl phenol
D027	7.5	<.005	1,4,-Dichlorobenzene	p-DCB, Dichlorocide
D028	0.5	0.014	1,2,-Dichloroethane	1,2 DCA
D029	0.7	<.05	1,1,-Dichloroethylene	1,1 DCE
D030	0.13	<.005	2,4,-Dinitrotolune	Dinitrotoluol, DNT
D031	0.008	<.001	Heptachlor	
D032	0.13	<.005	Hexachlorobenzene	
D033	0.5	<.005	Hexachlorobutadiene	Perchlorobutadiene
D034	3	<.005	Hexachloroethane	Carbon hexachloride, Perchloroethane
D035	200	5.4	Methyl ethyl ketone (MEK)	2-Butanone
D036	2	<.005	Nitrobenzene	Nitrobenzol
D037	100	<.05	Pentachlorophenol	PCP
D038	5	<.01	Pyridine	Azabenzene, Azine
D039	0.7	<.05	Tetrachloroethylene	Perchloroethylene, PCE
D040	0.5	0.00102	Trichloroethylene (TCE)	Trichloroethene, TCE
D041	400	<.05	2,4,5,-Trichlorophenol	
D042	2	<.005	2,4,6,-Trichlorophenol	
D043	0.2	0.1	Vinyl chloride	Chloroethene

TABLE 1A
Comparison with 40 CFR 261.24
(PPM)

Waste Code	Regulatory limit (ppm)	Maximum Detected (or Detection limit)	Characteristic	Synonyms
D004	5	0.017	Arsenic	
D005	100	3.28	Barium	
D006	1	0.00029	Cadmium	
D007	5	0.051	Chromium	
D008	5	0.11	Lead	
D009	0.2	<0.2	Mercury	
D010	1	<0.2	Selenium	
D011	5	0.02	Silver	
D012	0.02	<.001	Endrin	Hexadrin
D013	0.4	<.001	Lindane	BHC, HCH
D014	10	<.0025	Methoxychlor	DMDT, Methoxy-DDT
D015	0.5	<.001	Toxaphene	
D016	10	<.05	2,4, -Dichlorophenoxyacetic acid	2,4 D
D017	1	<.05	2,4,5,-TP	Silvex
D018	0.5	0.012	Benzene	Benzol, Phenyl hydride
D019	0.5	<.05	Carbon Tetrachloride	Tetrachloromethane, Freon 10, Halon 104
D020	0.03	<.001	Chlordane	
D021	100	0.067	Chlorobenzene	Benzene chloride, monochlorobenzene
D022	6	<.05	Chloroform	Trichloromethane

Table 2. Delisting Risk Assessment Summary (EPA DRAS Model)

		Exceeding Pathways Analysis - Chemicals that exceed the delisting level listed by exceeding pathway					
Chemical Name	**CAS Number**	**Actual TCLP Concentration (mg/L)**	**Limiting TCLP Concentration (mg/L)**	**Limiting TCLP Pathway**	**Actual Total Concentration (mg/kg)**	**Limiting Total Concentration (mg/Kg)**	**Limiting Total Pathway**
Ethylene Dibromide	*106-93-4*	*1.00E-01*	*1.29E-02*	*GW Ingestion*	---	---	---
Vinyl chloride	75-01-4	1.00E-01	9.26E-03	GW Ingestion	---	---	---
N-Nitrosomethylethylamine	*10595-95-6*	*5.00E-03*	*5.98E-04*	*GW Ingestion*	---	---	---
N-Nitrosopiperidine	*100-75-4*	*2.00E-02*	*3.46E-04*	*GW Ingestion*	---	---	---
N-Nitrosopyrrolidine	*930-55-2*	*2.00E-02*	*6.27E-03*	*GW Ingestion*	---	---	---
Hexachlorophene	*70-30-4*	*1.00E+02*	*2.14E-01*	*GW Ingestion*	---	---	---
Hexachlorophene	70-30-4	1.00E+02	2.13E-03	GW Dermal-Adult	---	---	---
Hexachlorophene	70-30-4	1.00E+02	9.77E-04	GW Dermal-Child	---	---	---
Hexachlorophene	70-30-4	---	---	---	1.00E+02	6.30E+01	Fish Ingestion
Nitrosodi-n-butylamine	*924-16-3*	*2.00E-02*	*2.44E-03*	*GW Ingestion*	---	---	---
Nitrosodi-n-butylamine	924-16-3	2.00E-02	1.56E-02	GW Inhalation	---	---	---
N-Nitrosodi-n-propylamine	*621-64-7*	*5.00E-03*	*1.88E-03*	*GW Ingestion*	---	---	---
Benz(a)anthracene	*56-55-3*	*5.00E-03*	*1.31E-03*	*GW Dermal-Adult*	---	---	---
Benz(a)anthracene	56-55-3	5.00E-03	3.01E-03	GW Dermal-Child	---	---	---
Trichloropropane, 1,2,3-	*96-18-4*	*5.00E-02*	*2.40E-03*	*GW Ingestion*	---	---	---
Trichloropropane, 1,2,3-	96-18-4	5.00E-02	5.21E-03	GW Inhalation	---	---	---
Trichloropropane, 1,2,3-	96-18-4	5.00E-02	2.83E-02	GW Dermal-Adult	---	---	---
Benzo(a)pyrene	*50-32-8*	*5.00E-03*	*1.80E-03*	*GW Ingestion*	---	---	---
Benzo(a)pyrene	50-32-8	5.00E-03	8.06E-05	GW Dermal-Adult	---	---	---
Benzo(a)pyrene	50-32-8	5.00E-03	1.85E-04	GW Dermal-Child	---	---	---
Benzo(b)fluoranthene	*205-99-2*	*5.00E-03*	*7.29E-04*	*GW Dermal-Adult*	---	---	---
Benzo(b)fluoranthene	205-99-2	5.00E-03	1.67E-03	GW Dermal-Child	---	---	---
Dichloroethane, 1,2-	*107-06-2*	*5.00E-02*	*8.03E-03*	*GW Ingestion*	---	---	---
Dichloroethane, 1,2-	107-06-2	5.00E-02	1.33E-02	GW Inhalation	---	---	---
Dioxane, 1,4-	123-91-1	8.30E+00	1.20E+00	GW Ingestion	---	---	---
Aldrin	*309-00-2*	*1.00E-03*	*7.74E-04*	*GW Ingestion*	---	---	---
Aldrin	309-00-2	1.00E-03	3.95E-05	GW Dermal-Adult	---	---	---
Aldrin	309-00-2	1.00E-03	9.07E-05	GW Dermal-Child	---	---	---

Legend

Red=	Waste concentration greater than 1% chemical
Orange=	Waste concentration is a detection limit
* =	Waste concentration is a detection limit
Blue =	Maximum allowable concentration

Table 2. Delisting Risk Assessment Summary (EPA DRAS Model)

Chemical Name	CAS Number	Actual TCLP Concentration (mg/L)	Limiting TCLP Concentration (mg/L)	Limiting TCLP Pathway	Actual Total Concentration (mg/kg)	Limiting Total Concentration (mg/Kg)	Limiting Total Pathway
DDE	*72-55-9*	*1.00E-03*	*9.32E-04*	*GW Dermal-Adult*	---	---	---
Kepone	*143-50-0*	*5.00E-03*	*7.31E-04*	*GW Ingestion*	---	---	---
Kepone	143-50-0	5.00E-03	6.66E-04	GW Dermal-Adult	---	---	---
Kepone	**143-50-0**	**5.00E-03**	**1.53E-03**	**GW Dermal-Child**	---	---	---
Acrolein	*107-02-8*	---	---	---	*2.50E-01*	*1.28E-02*	*Air Volatile Inhalation*
Acrylonitrile	*107-13-1*	*5.00E-02*	*2.44E-02*	*GW Ingestion*	---	---	---
Allyl chloride	*107-05-1*	---	---	---	*1.00E-01*	*4.70E-03*	*Air Volatile Inhalation*
Nitrosodimethylamine	*62-75-9*	*5.00E-03*	*2.58E-04*	*GW Ingestion*	---	---	---
Methylcholanthrene, 3-	*56-49-5*	*5.00E-02*	*5.06E-04*	*GW Ingestion*	---	---	---
Methylcholanthrene, 3-	**56-49-5**	**5.00E-02**	**1.51E-05**	**GW Dermal-Adult**	---	---	---
Methylcholanthrene, 3-	56-49-5	5.00E-02	3.46E-05	GW Dermal-Child	---	---	---
Hexachlorobenzene	*118-74-1*	*5.00E-03*	*6.58E-04*	*GW Dermal-Adult*	---	---	---
Hexachlorobenzene	118-74-1	5.00E-03	1.51E-03	GW Dermal-Child	---	---	---
Dibenz(a,h)anthracene	*53-70-3*	*5.00E-03*	*1.80E-03*	*GW Ingestion*	---	---	---
Dibenz(a,h)anthracene	53-70-3	5.00E-03	3.80E-05	GW Dermal-Adult	---	---	---
Dibenz(a,h)anthracene	**53-70-3**	**5.00E-03**	**8.73E-05**	**GW Dermal-Child**	---	---	---
Dibromo-3-chloropropane, 1,2-	*96-12-8*	*5.00E-02*	*1.10E-02*	*GW Ingestion*	---	---	---
Indeno(1,2,3-cd) pyrene	*193-39-5*	*5.00E-03*	*4.11E-04*	*GW Dermal-Adult*	---	---	---
Indeno(1,2,3-cd) pyrene	193-39-5	5.00E-03	9.43E-04	GW Dermal-Child	---	---	---
Methacrylonitrile	*126-98-7*	*5.00E-01*	*7.13E-02*	*GW Ingestion*	---	---	---
Methacrylonitrile	126-98-7	5.00E-01	3.90E-01	GW Inhalation	---	---	---
Toluidine, o-	**95-53-4**	**2.00E-01**	**5.48E-02**	**GW Ingestion**	---	---	---
Dimethylbenz(a)anthracene, 7,12-	*57-97-6*	*1.00E-02*	*5.26E-04*	*GW Ingestion*	---	---	---
Dimethylbenz(a)anthracene, 7,12-	**57-97-6**	**1.00E-02**	**1.05E-05**	**GW Dermal-Adult**	---	---	---
Dimethylbenz(a)anthracene, 7,12-	57-97-6	1.00E-02	2.41E-05	GW Dermal-Child	---	---	---
Dimethylbenzidine, 3,3'-	*119-93-7*	*5.00E-02*	*1.43E-03*	*GW Ingestion*	---	---	---
Dimethylbenzidine, 3,3'-	119-93-7	5.00E-02	1.32E-02	GW Dermal-Adult	---	---	---

Legend

Red=	**Waste concentration greater than 1% chemical**
Orange=	**Waste concentration is a detection limit**
*** =**	**Waste concentration is a detection limit**
Blue =	**Maximum allowable concentration**

Table 2. Delisting Risk Assessment Summary (EPA DRAS Model)

Chemical Name	CAS Number	Actual TCLP Concentration (mg/L)	Limiting TCLP Concentration (mg/L)	Limiting TCLP Pathway	Actual Total Concentration (mg/kg)	Limiting Total Concentration (mg/Kg)	Limiting Total Pathway
Dimethylbenzidine, 3,3'-	119-93-7	5.00E-02	3.04E-02	GW Dermal-Child	---	---	---
Arsenic	*7440-38-2*	*1.00E-01*	*9.36E-03*	*GW Ingestion*	---	---	---

Limiting TCLP Pathways:
GW Ingestion: Exceeds allowable risk level for groundwater ingestion
GW Dermal-Adult: Exceeds allowable risk level for skin absorbtion in adults
GW Dermal-Child: Exceeds allowable risk level for skin absorbtion in children
Air Volatile Inhalation: Exceeds allowable risk level for inhalation
Fish Ingestion: Exceeds allowable risk level for fish ingestion

Legend

Red=	**Waste concentration greater than 1% chemical**
Orange=	**Waste concentration is a detection limit**
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Blue =	**Maximum allowable concentration**

Table 2a. Detection Limit Analysis

		Detection Limit Analysis - Toxicity of Petitioned Waste cannot be confirmed if Detection Limits fall below maximum allowable concentration			
Chemical Name	**CAS Number**	**Maximum Allowable TCLP Concentration (mg/L)**	**Maximum Allowable TCLP Pathway**	**Maximum Allowable Total Concentration (mg/Kg)**	**Maximum Allowable Total Pathway**
Antimony	***7440-36-0***	***2.06E-01***	***MCL***	***1.92E+04***	***Fish Ingestion***
Tin	***7440-31-5***	---	Not Applicable	***7.41E+07***	***Soil Ingestion***
Vanadium	***7440-62-2***	***2.11E+01***	***Groundwater Ingestion***	***8.65E+05***	***Soil Ingestion***
Dioxane, 1,4-	123-91-1	1.20E+00	Groundwater Ingestion	2.02E+01	Air Volatile Inhalation
Ethylbenzene	***100-41-4***	***1.33E+01***	***MCL***	***3.94E+03***	***Air Volatile Inhalation***
Benzo (ghi) perylene	***191-24-2***	---	Not Applicable	---	Not Applicable
Chloroform	***67-66-3***	***2.43E-01***	***Groundwater Inhalation***	***6.75E-01***	***Air Volatile Inhalation***
Benzo(k)fluoranthene	***207-08-9***	***1.01E-02***	***Groundwater Adult Dermal***	***1.50E+05***	***Soil Ingestion***
Isobutyl alcohol	***78-83-1***	***2.14E+02***	***Groundwater Ingestion***	***3.71E+07***	***Soil Ingestion***
Methylene chloride	***75-09-2***	***9.00E-02***	***MCL***	***1.53E+01***	***Air Volatile Inhalation***
Styrene	***100-42-5***	***1.90E+00***	***MCL***	***2.09E+04***	***Air Volatile Inhalation***
Methyl chloride (Chloromethane)	***74-87-3***	---	Not Applicable	***3.84E-01***	***Air Volatile Inhalation***
Choroethane	75-00-3	2.70E+02	Groundwater Ingestion	1.05E+01	Air Volatile Inhalation
Dichloropropene, cis-1,3-	***10061-01-5***	***1.38E+06***	***Groundwater Ingestion***	***1.98E+00***	***Air Volatile Inhalation***
Ethylene Dibromide	***106-93-4***	***1.29E-02***	***Groundwater Ingestion***	***2.87E+00***	***Air Volatile Inhalation***
Dinitrophenol, 2,4-	***51-28-5***	***1.43E+00***	***Groundwater Ingestion***	***2.42E+05***	***Fish Ingestion***
Parathion	***56-38-2***	***9.07E+05***	***Groundwater Child Dermal***	***4.26E+04***	***Fish Ingestion***
nitroaniline 2-	***88-74-4***	***1.37E+02***	***Groundwater Inhalation***	***2.56E+03***	***Air Volatile Inhalation***
Nitroaniline 3-	***99-09-2***	***2.03E+00***	***Groundwater Ingestion***	***3.71E+05***	***Soil Ingestion***
Nitroaniline 4-	***100-01-6***	***2.03E+00***	***Groundwater Ingestion***	***3.71E+05***	***Soil Ingestion***
Nitrobenzene	***98-95-3***	***3.57E-01***	***Groundwater Ingestion***	***6.18E+04***	***Soil Ingestion***
Nitrophenol 2-	***88-75-5***	---	Not Applicable	---	Not Applicable
Nitroquinoline-1-oxide 4-	***56-57-5***	---	Not Applicable	---	Not Applicable
Dichloroethylene, trans-1,2-	156-60-5	1.90E+00	MCL	2.04E+06	Fish Ingestion
Methyl ethyl ketone	78-93-3	4.28E+02	Groundwater Ingestion	1.97E+03	Air Volatile Inhalation

Legend

Red= **Waste concentration greater than 1% chemical**
Orange= **Waste concentration is a detection limit**
*** =** **Waste concentration is a detection limit**
Blue = **Maximum allowable concentration**

Table 2a. Detection Limit Analysis

Chemical Name	CAS Number	Maximum Allowable TCLP Concentration (mg/L)	Maximum Allowable TCLP Pathway	Maximum Allowable Total Concentration (mg/Kg)	Maximum Allowable Total Pathway
Dimethoate	*60-51-5*	*1.88E+02*	*Groundwater Ingestion*	*2.47E+04*	*Soil Ingestion*
Dimethyl phthalate	*131-11-3*	*3.75E+02*	*Groundwater Ingestion*	*1.24E+09*	*Soil Ingestion*
Dimethylbenz(a)anthracene, 7,12-	*57-97-6*	*1.05E-05*	*Groundwater Adult Dermal*	*4.37E+02*	*Soil Ingestion*
Heptachlor	*76-44-8*	*6.54E+05*	*Groundwater Adult Dermal*	*1.19E+02*	*Fish Ingestion*
Heptachlor epoxide	*1024-57-3*	*4.10E+02*	*Groundwater Adult Dermal*	*7.11E+00*	*Fish Ingestion*
Naphthylamine	*91-59-8*	---	Not Applicable	---	Not Applicable
Acenaphthene	*83-32-9*	*1.25E+01*	*Groundwater Child Dermal*	*1.89E+05*	*Fish Ingestion*
Kepone	*143-50-0*	*6.66E-04*	*Groundwater Adult Dermal*	*6.07E+02*	*Soil Ingestion*
Pentachlorobenzene	*608-93-5*	*3.59E-02*	*Groundwater Child Dermal*	*4.15E+01*	*Fish Ingestion*
Pentachloroethane	*76-01-7*	---	Not Applicable	---	Not Applicable
Pentachloronitrobenzene (PCNB)	*82-68-8*	*3.40E-02*	*Groundwater Adult Dermal*	*1.24E+04*	*Fish Ingestion*
Butylbenzylphthalate	*85-68-7*	*2.90E+01*	*Groundwater Child Dermal*	*1.62E+05*	*Fish Ingestion*
Chlordane	*57-74-9*	*3.47E-03*	*Groundwater Adult Dermal*	*3.00E+00*	*Fish Ingestion*
Tetrachloroethane, 1,1,2,2-	*79-34-5*	*1.37E+00*	*Groundwater Ingestion*	*1.25E+01*	*Air Volatile Inhalation*
Methoxychlor	*72-43-5*	*1.57E+05*	*Groundwater Child Dermal*	*2.84E+03*	*Fish Ingestion*
Trichlorophenoxyacetic acid, 2,4,5- (245-T)	*93-76-5*	*7.13E+00*	*Groundwater Ingestion*	*2.46E+05*	*Fish Ingestion*
Dichlorodifluoromethane	*75-71-8*	*6.54E+01*	*Groundwater Inhalation*	*4.60E+00*	*Air Volatile Inhalation*
Dichloropropene, trans-1,3-	*10061-02-6*	*1.38E+06*	*Groundwater Ingestion*	*1.98E+00*	*Air Volatile Inhalation*
Trichloroethane, 1,1,1-	*71-55-6*	*3.80E+00*	*MCL*	*2.33E+02*	*Air Volatile Inhalation*
Endosulfan	*115-29-7*	*4.28E+00*	*Groundwater Ingestion*	*4.43E+04*	*Fish Ingestion*
Dinitrotoluene, 2,6-	*606-20-2*	*2.04E-02*	*Groundwater Ingestion*	*1.20E+04*	*Fish Ingestion*
Dinitrotoluene, 2,4-	*121-14-2*	*2.04E-02*	*Groundwater Ingestion*	*1.20E+04*	*Fish Ingestion*
Diphenylamine	*122-39-4*	*1.18E+01*	*Groundwater Child Dermal*	*5.80E+05*	*Fish Ingestion*
Disulfoton	*298-04-4*	*1.19E+03*	*Groundwater Child Dermal*	*1.23E+02*	*Fish Ingestion*
Dibromo-3-chloropropane, 1,2-	*96-12-8*	*4.20E-03*	*MCL*	*9.71E+02*	*Fish Ingestion*
Hexachloropropene	*1888-71-7*	---	Not Applicable	---	Not Applicable
Dimethylbenzidine, 3,3'-	*119-93-7*	*1.43E-03*	*Groundwater Ingestion*	*2.91E+02*	*Fish Ingestion*

Legend

Red= Waste concentration greater than 1% chemical
Orange= Waste concentration is a detection limit
*** =** Waste concentration is a detection limit
Blue = Maximum allowable concentration

Table 2a. Detection Limit Analysis

Chemical Name	CAS Number	Maximum Allowable TCLP Concentration (mg/L)	Maximum Allowable TCLP Pathway	Maximum Allowable Total Concentration (mg/Kg)	Maximum Allowable Total Pathway
Dimethylphenol, 2,4-	105-67-9	1.43E+01	Groundwater Ingestion	1.05E+06	Fish Ingestion
Indeno(1,2,3-cd) pyrene	*193-39-5*	*4.11E-04*	*Groundwater Adult Dermal*	*1.50E+04*	*Soil Ingestion*
Methacrylonitrile	*126-98-7*	*7.13E-02*	*Groundwater Ingestion*	*2.03E+00*	*Air Volatile Inhalation*
Pentachlorophenol	*87-86-5*	*1.80E-02*	*MCL*	*9.11E+04*	*Soil Ingestion*
Ethyl methacrylate	*97-63-2*	*1.28E+02*	*Groundwater Ingestion*	*1.11E+07*	*Soil Ingestion*
Zinc	*7440-66-6*	*2.80E+02*	*Groundwater Ingestion*	*8.83E+05*	*Fish Ingestion*
Arsenic	*7440-38-2*	*9.36E-03*	*Groundwater Ingestion*	*1.60E+03*	*Fish Ingestion*
Barium	*7440-39-3*	*5.57E+01*	*MCL*	*8.80E+05*	*Air Particulate Inhalation*
Beryllium	*7440-41-8*	*4.16E-01*	*MCL*	*3.52E+04*	*Air Particulate Inhalation*
Mercury	*7439-97-6*	*8.14E-02*	*Groundwater Inhalation*	*8.60E-02*	*Fish Ingestion*
Benzyl alcohol	*100-51-6*	*2.14E+02*	*Groundwater Ingestion*	*3.71E+07*	*Soil Ingestion*
Phenacetin	*62-44-2*	---	Not Applicable	---	Not Applicable
Pronamide	*23950-58-5*	*5.35E+01*	*Groundwater Ingestion*	*5.27E+05*	*Fish Ingestion*
Pyrene	*129-00-0*	*1.23E+00*	*Groundwater Child Dermal*	*4.57E+03*	*Fish Ingestion*
Cadmium	*7440-43-9*	*1.50E-01*	*MCL*	*3.85E+03*	*Fish Ingestion*
Dinitromethylphenol, 4,6-,2-	*534-52-1*	*6.76E-02*	*Groundwater Ingestion*	*1.24E+04*	*Soil Ingestion*
Dinitrobenzene, 1,3-	*99-65-0*	*7.13E-02*	*Groundwater Ingestion*	*2.60E+03*	*Fish Ingestion*
Ethyl methanesulfonate	*62-50-0*	*8.31E+06*	*Groundwater Ingestion*	*9.28E-02*	*Air Volatile Inhalation*
Fluoranthene	*206-44-0*	*1.61E+00*	*Groundwater Child Dermal*	*7.68E+05*	*Fish Ingestion*
Pyridine	*110-86-1*	*7.13E-01*	*Groundwater Ingestion*	*1.24E+05*	*Soil Ingestion*
Safrole	*94-59-7*	---	Not Applicable	---	Not Applicable
Tetrachloroethane, 1,1,1,2-	*630-20-6*	*7.59E-01*	*Groundwater Ingestion*	*4.10E+01*	*Air Volatile Inhalation*
Hexachloroethane	*67-72-1*	*9.40E-01*	*Groundwater Ingestion*	*2.47E+03*	*Air Volatile Inhalation*
Tetraethyl dithiopyrophosphate (Sulfotep)	*3689-24-5*	*9.39E+05*	*Groundwater Ingestion*	*3.42E+03*	*Fish Ingestion*
Chromium	*7440-47-4*	*3.85E+02*	*MCL*	*4.53E+05*	*Fish Ingestion*
Cobalt	*7440-48-4*	---	Not Applicable	*7.41E+06*	*Soil Ingestion*

Legend

Red= **Waste concentration greater than 1% chemical**
Orange= **Waste concentration is a detection limit**
*** =** **Waste concentration is a detection limit**
Blue = **Maximum allowable concentration**

Table 2a. Detection Limit Analysis

Chemical Name	CAS Number	Maximum Allowable TCLP Concentration (mg/L)	Maximum Allowable TCLP Pathway	Maximum Allowable Total Concentration (mg/Kg)	Maximum Allowable Total Pathway
Tetrachlorobenzene, 1,2,4,5-	*95-94-3*	*2.94E-02*	*Groundwater Child Dermal*	*1.34E+02*	*Fish Ingestion*
Toluidine, o-	95-53-4	5.48E-02	Groundwater Ingestion	1.25E+02	Air Volatile Inhalation
Bis(2-chlorethyl)ether	*111-44-4*	*9.97E-02*	*Groundwater Ingestion*	*7.40E+00*	*Air Volatile Inhalation*
Bis (2-Chloroisopropyl) ether	*39638-32-9*	*1.88E-01*	*Groundwater Ingestion*	*3.65E+02*	*Air Volatile Inhalation*
Cyanide	*57-12-5*	*3.60E+00*	*MCL*	*6.08E+04*	*Fish Ingestion*
Copper	*7440-50-8*	*9.11E+03*	*MCL*	*4.94E+06*	*Soil Ingestion*
Lead	*7439-92-1*	*7.50E+01*	*MCL*	*4.22E+04*	*Air Particulate Inhalation*
Nickel	*7440-02-0*	*2.83E+01*	*Groundwater Ingestion*	*1.25E+05*	*Fish Ingestion*
Aldrin	*309-00-2*	*3.95E-05*	*Groundwater Adult Dermal*	*9.51E-02*	*Fish Ingestion*
Hexachlorocyclohexane, alpha- (alpha-BHC)	*319-84-6*	*2.20E+02*	*Groundwater Ingestion*	*1.68E+01*	*Fish Ingestion*
Hexachlorocyclohexane, beta- (beta-BHC)	*319-85-7*	*7.31E-03*	*Groundwater Ingestion*	*5.54E+01*	*Fish Ingestion*
Chlorobenzilate	*510-15-6*	*2.57E-01*	*Groundwater Ingestion*	*1.89E+04*	*Fish Ingestion*
Bis(2-ethylhexyl)phthalate	117-81-7	1.14E-01	MCL	2.61E+04	Fish Ingestion
Vinyl acetate	*108-05-4*	*7.63E+01*	*Groundwater Inhalation*	*2.26E+02*	*Air Volatile Inhalation*
Vinyl chloride	75-01-4	9.26E-03	Groundwater Ingestion	1.15E-01	Air Volatile Inhalation
Bis (2-Chloroethoxy) methane	*111-91-1*	---	Not Applicable	---	Not Applicable
DDD	*72-54-8*	*3.97E-03*	*Groundwater Adult Dermal*	*7.05E+03*	*Fish Ingestion*
DDE	*72-55-9*	*9.32E-04*	*Groundwater Adult Dermal*	*6.82E+03*	*Fish Ingestion*
DDT	*50-29-3*	*1.75E-03*	*Groundwater Adult Dermal*	*1.39E+00*	*Fish Ingestion*
Diallate	*2303-16-4*	*1.88E+03*	*Groundwater Adult Dermal*	*4.29E+01*	*Fish Ingestion*
Xylenes (total)	1330-20-7	1.90E+02	MCL	5.13E+07	Fish Ingestion
Phenylenediamine, m-	*108-45-2*	*4.28E+00*	*Groundwater Ingestion*	*7.41E+05*	*Soil Ingestion*
Tetrachlorophenol, 2,3,4,6-	*58-90-2*	*5.65E+00*	*Groundwater Child Dermal*	*3.54E+04*	*Fish Ingestion*
Dieldrin	*60-57-1*	*4.24E+02*	*Groundwater Adult Dermal*	*3.29E+00*	*Fish Ingestion*
Endrin	*72-20-8*	*1.20E+03*	*MCL*	*6.69E+01*	*Fish Ingestion*
Hexachlorocyclohexane, gamma- (Lindane)	*58-89-9*	*3.40E+02*	*MCL*	*2.30E+01*	*Fish Ingestion*
Trichlorophenoxypropionic acid, 2,4,5- (Silvex)	*93-72-1*	*9.50E-01*	*MCL*	*1.18E+05*	*Fish Ingestion*

Legend

Red= **Waste concentration greater than 1% chemical**
Orange= **Waste concentration is a detection limit**
*** =** **Waste concentration is a detection limit**
Blue = **Maximum allowable concentration**

Table 2a. Detection Limit Analysis

Chemical Name	CAS Number	Maximum Allowable TCLP Concentration (mg/L)	Maximum Allowable TCLP Pathway	Maximum Allowable Total Concentration (mg/Kg)	Maximum Allowable Total Pathway
Dichlorophenoxyacetic acid, 2,4- (2,4-D)	*94-75-7*	*1.33E+00*	*MCL*	*3.15E+05*	*Fish Ingestion*
Butyl-4,6-dinitrophenol, 2-sec- (Dinoseb)	*88-85-7*	*1.33E-01*	*MCL*	*2.41E+04*	*Fish Ingestion*
Methylnapthalene 2-	*91-57-6*	---	Not Applicable	---	Not Applicable
Fluorene	*86-73-7*	*5.55E+00*	*Groundwater Child Dermal*	*8.59E+05*	*Fish Ingestion*
Hexachlorobenzene	*118-74-1*	*6.58E-04*	*Groundwater Adult Dermal*	*2.60E+01*	*Fish Ingestion*
Hexachloro-1,3-butadiene	*87-68-3*	*6.54E-02*	*Groundwater Adult Dermal*	*6.73E+01*	*Fish Ingestion*
Naphthalene	91-20-3	1.30E+00	Groundwater Inhalation	4.69E+03	Air Volatile Inhalation
Naphthaquinone 1,4-	*130-15-4*	---	Not Applicable	---	Not Applicable
Naphthylamine	*91-59-8*	---	Not Applicable	---	Not Applicable
Methylene bromide	*74-95-3*	*7.13E+00*	*Groundwater Ingestion*	*1.24E+06*	*Soil Ingestion*
Tetrachloroethylene	*127-18-4*	*9.50E-02*	*MCL*	*1.56E+02*	*Air Volatile Inhalation*
Dichlorobenzene, 1,4-	*106-46-7*	*5.48E-01*	*Groundwater Ingestion*	*4.44E+02*	*Air Volatile Inhalation*
Dichlorobenzidine, 3,3'-	*91-94-1*	*2.92E-02*	*Groundwater Ingestion*	*3.48E+02*	*Fish Ingestion*
Dichlorophenol, 2,4-	*120-83-2*	*2.14E+00*	*Groundwater Ingestion*	*4.85E+04*	*Fish Ingestion*
Toluene	108-88-3	1.90E+01	MCL	6.14E+06	Fish Ingestion
Acetone	*67-64-1*	*7.13E+01*	*Groundwater Ingestion*	*1.24E+07*	*Soil Ingestion*
Acetonitrile	*75-05-8*	*1.66E+02*	*Groundwater Inhalation*	*1.30E+02*	*Air Volatile Inhalation*
Acrolein	*107-02-8*	*1.33E+03*	*Groundwater Inhalation*	*1.28E-02*	*Air Volatile Inhalation*
Acrylonitrile	*107-13-1*	*2.44E-02*	*Groundwater Ingestion*	*4.25E-01*	*Air Volatile Inhalation*
Dichlorophenol 2,6-	*87-65-0*	---	Not Applicable	---	Not Applicable
Diethyl phthalate	84-66-2	6.91E+02	Groundwater Ingestion	6.29E+05	Fish Ingestion
Allyl chloride	*107-05-1*	---	Not Applicable	*4.70E-03*	*Air Volatile Inhalation*
Nitrosodimethylamine	*62-75-9*	*2.58E-04*	*Groundwater Ingestion*	*4.37E-02*	*Air Volatile Inhalation*
Isophorone	*78-59-1*	*1.39E+01*	*Groundwater Ingestion*	*2.45E+04*	*Air Volatile Inhalation*
Methyl parathion	*298-00-0*	*3.96E+02*	*Groundwater Ingestion*	*5.51E+03*	*Fish Ingestion*
Methylcholanthrene, 3-	*56-49-5*	*1.51E-05*	*Groundwater Adult Dermal*	*4.20E+02*	*Soil Ingestion*
Hexachlorocyclopentadiene	*77-47-4*	*4.41E+03*	*Groundwater Inhalation*	*2.29E+02*	*Air Volatile Inhalation*

Legend

Red= **Waste concentration greater than 1% chemical**
Orange= **Waste concentration is a detection limit**
*** =** **Waste concentration is a detection limit**
Blue = **Maximum allowable concentration**

Table 2a. Detection Limit Analysis

Chemical Name	CAS Number	Maximum Allowable TCLP Concentration (mg/L)	Maximum Allowable TCLP Pathway	Maximum Allowable Total Concentration (mg/Kg)	Maximum Allowable Total Pathway
N-Nitrosodiphenylamine	86-30-6	2.69E+00	Groundwater Ingestion	2.25E+04	Air Volatile Inhalation
N-Nitrosomethylethylamine	***10595-95-6***	***5.98E-04***	***Groundwater Ingestion***	***1.94E-01***	***Air Volatile Inhalation***
Nitrosomorpholine N-	***59-89-2***	---	Not Applicable	---	Not Applicable
N-Nitrosopiperidine	***100-75-4***	***3.46E-04***	***Groundwater Ingestion***	***1.36E+00***	***Air Volatile Inhalation***
Methyl methacrylate	***80-62-6***	***1.08E+03***	***Groundwater Inhalation***	***2.46E+03***	***Air Volatile Inhalation***
Benzene	***71-43-2***	***1.80E-01***	***MCL***	***2.72E+00***	***Air Volatile Inhalation***
Bromoform (Tribromomethane)	***75-25-2***	***1.67E+00***	***Groundwater Ingestion***	***8.40E+02***	***Air Volatile Inhalation***
Methyl bromide (Bromomethane)	***74-83-9***	***3.99E+02***	***Groundwater Ingestion***	***4.63E-01***	***Air Volatile Inhalation***
Carbon disulfide	***75-15-0***	***7.13E+01***	***Groundwater Ingestion***	***2.73E+02***	***Air Volatile Inhalation***
N-Nitrosopyrrolidine	***930-55-2***	***6.27E-03***	***Groundwater Ingestion***	***2.53E+01***	***Air Volatile Inhalation***
Nitrophenol 4-	***100-02-7***	***4.19E+01***	***Groundwater Ingestion***	***7.15E+06***	***Fish Ingestion***
Phenanthrene	***85-01-8***	---	Not Applicable	---	Not Applicable
Phenol	108-95-2	4.28E+02	Groundwater Ingestion	7.41E+07	Soil Ingestion
Carbon tetrachloride	***56-23-5***	***1.25E-01***	***MCL***	***2.12E+00***	***Air Volatile Inhalation***
Chlorobenzene	108-90-7	1.90E+00	MCL	7.30E+02	Air Volatile Inhalation
Chloro-1,3-butadiene, 2- (Chloroprene)	***126-99-8***	---	Not Applicable	***1.07E+00***	***Air Volatile Inhalation***
Chlorodibromomethane	***124-48-1***	***1.57E-01***	***Groundwater Ingestion***	***1.31E+01***	***Air Volatile Inhalation***
Phorate	***298-02-2***	***7.73E+05***	***Groundwater Child Dermal***	***8.31E+02***	***Fish Ingestion***
Picoline a-	109-06-8	---	Not Applicable	---	Not Applicable
Hexachlorophene	***70-30-4***	***9.77E-04***	***Groundwater Child Dermal***	6.30E+01	Fish Ingestion
Nitrosodi-n-butylamine	***924-16-3***	***2.44E-03***	***Groundwater Ingestion***	***4.12E+00***	***Air Volatile Inhalation***
N-Nitrosodi-n-propylamine	***621-64-7***	***1.88E-03***	***Groundwater Ingestion***	***3.77E-01***	***Air Volatile Inhalation***
Bromodichloromethane	***75-27-4***	***2.12E-01***	***Groundwater Ingestion***	***3.88E+00***	***Air Volatile Inhalation***
Dichloroethane, 1,1-	75-34-3	3.75E+00	Groundwater Ingestion	3.14E+02	Air Volatile Inhalation
Bromophenyl-phenyl ether 4-	***101-55-3***	***1.22E+01***	***Groundwater Child Dermal***	***6.90E+03***	***Fish Ingestion***
Di-n-octyl phthalate	***117-84-0***	***3.50E-02***	***Groundwater Child Dermal***	***1.22E+01***	***Fish Ingestion***

Legend

Red= **Waste concentration greater than 1% chemical**
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Table 2a. Detection Limit Analysis

Chemical Name	CAS Number	Maximum Allowable TCLP Concentration (mg/L)	Maximum Allowable TCLP Pathway	Maximum Allowable Total Concentration (mg/Kg)	Maximum Allowable Total Pathway
Di-n-butyl phthalate	84-74-2	1.65E+01	Groundwater Child Dermal	3.45E+04	Fish Ingestion
Dibenz(a,h)anthracene	*53-70-3*	*3.80E-05*	*Groundwater Adult Dermal*	*1.50E+03*	*Soil Ingestion*
Dibenzofuran	*132-64-9*	*2.07E-01*	*Groundwater Child Dermal*	*4.94E+05*	*Soil Ingestion*
Dichlorobenzene, 1,2-	*95-50-1*	*1.14E+01*	*MCL*	*2.56E+04*	*Air Volatile Inhalation*
Dichlorobenzene 1,3-	*541-73-1*	*6.98E-02*	*Groundwater Inhalation*	*1.50E+01*	*Air Volatile Inhalation*
Acenapthylene	*208-96-8*	---	Not Applicable	---	Not Applicable
Acetophenone	*98-86-2*	*7.13E+01*	*Groundwater Ingestion*	*1.24E+07*	*Soil Ingestion*
Aniline	62-53-4	4.73E+00	Groundwater Ingestion	8.65E+05	Soil Ingestion
Selenium	*7782-49-2*	*5.80E-01*	*MCL*	*7.46E+04*	*Fish Ingestion*
Silver	*7440-22-4*	*3.84E+00*	*Groundwater Ingestion*	*4.72E+04*	*Fish Ingestion*
Trichloroethylene	*79-01-6*	*9.50E-02*	*MCL*	*2.83E+01*	*Air Volatile Inhalation*
Trichlorofluoromethane	*75-69-4*	*6.37E+01*	*Groundwater Inhalation*	*2.10E+01*	*Air Volatile Inhalation*
Thallium	*7440-28-0*	*8.80E-02*	*MCL*	*1.10E+02*	*Fish Ingestion*
Anthracene	*120-12-7*	*2.50E+01*	*Groundwater Child Dermal*	*2.18E+05*	*Fish Ingestion*
Aramite	*140-57-8*	*6.20E+02*	*Groundwater Adult Dermal*	*4.37E+05*	*Soil Ingestion*
Benz(a)anthracene	*56-55-3*	*1.31E-03*	*Groundwater Adult Dermal*	*1.50E+04*	*Soil Ingestion*
Chloro-3-methylphenol 4-	*59-50-7*	---	Not Applicable	---	Not Applicable
Trichloropropane, 1,2,3-	*96-18-4*	*2.40E-03*	*Groundwater Ingestion*	*4.47E-01*	*Air Volatile Inhalation*
Benzo(a)pyrene	*50-32-8*	*8.06E-05*	*Groundwater Adult Dermal*	*1.22E+02*	*Fish Ingestion*
Benzo(b)fluoranthene	*205-99-2*	*7.29E-04*	*Groundwater Adult Dermal*	*1.30E+02*	*Fish Ingestion*
Dichloroethane, 1,2-	*107-06-2*	*5.00E-03*	*MCL*	*1.30E+00*	*Air Volatile Inhalation*

Legend

Red= Waste concentration greater than 1% chemical
Orange= Waste concentration is a detection limit
*** =** Waste concentration is a detection limit
Blue = Maximum allowable concentration

Table 2b. Groundwater Pathway Hazard Quotient

		Petitioned Waste Non-carcinogenic Hazard Quotient - Groundwater Exposure Pathways				
Chemical Name	**Waste Stream TCLP Concentration (mg/L)**	**Groundwater Ingestion Pathway**	**Groundwater Inhalation Pathway**	**Groundwater Dermal Absorption Pathway - Adult**	**Groundwater Dermal Absorption Pathway - Child**	**Groundwater Pathway Aggregate Hazard Quotient**
Antimony	***1.00E-01***	***9.71E-02***	---	---	---	***9.71E-02***
Tin	***1.00E+00***	---	---	---	---	---
Vanadium	***1.00E-01***	***2.37E-03***	---	---	---	***2.37E-03***
Dioxane, 1,4-	8.30E+00	---	---	---	---	---
Ethylbenzene	***5.00E-02***	***3.50E-04***	***4.19E-04***	***2.21E-04***	***4.81E-04***	***1.25E-03***
Benzo (ghi) perylene	***5.00E-03***	---	---	---	---	---
Chloroform	***5.00E-02***	***3.70E-03***	---	***2.91E-04***	***6.34E-04***	***4.33E-03***
Benzo(k)fluoranthene	***5.00E-03***	---	---	---	---	---
Isobutyl alcohol	***5.00E+00***	***1.17E-02***	---	***1.86E-04***	***4.04E-04***	***1.21E-02***
Methylene chloride	***2.50E-01***	***3.08E-03***	***8.29E-04***	***1.03E-04***	***2.25E-04***	***4.14E-03***
Styrene	***5.00E-02***	***1.75E-04***	***1.22E-04***	***8.06E-05***	***1.76E-04***	***4.73E-04***
Methyl chloride (Chloromethane)	***5.00E-02***	---	---	---	---	---
Choroethane	3.02E-01	1.12E-03	6.94E-05	---	---	1.19E-03
Dichloropropene, cis-1,3-	***5.00E-02***	---	---	---	---	---
Ethylene Dibromide	***1.00E-01***	---	***1.22E-02***	---	---	***1.22E-02***
Dinitrophenol, 2,4-	***2.00E-02***	***7.01E-03***	---	***1.91E-04***	***4.16E-04***	***7.43E-03***
Parathion	***2.00E-02***	***9.45E-09***	---	***5.06E-09***	***1.10E-08***	***2.05E-08***
nitroaniline 2-	***2.00E-02***	---	***1.07E-04***	---	---	***1.07E-04***
Nitroaniline 3-	***2.00E-02***	***4.93E-03***	---	***1.37E-04***	***2.98E-04***	***5.23E-03***
Nitroaniline 4-	***2.00E-02***	***4.93E-03***	---	***1.24E-04***	***2.70E-04***	***5.20E-03***
Nitrobenzene	***5.00E-03***	***7.01E-03***	---	***4.61E-04***	***1.00E-03***	***8.01E-03***
Nitrophenol 2-	***5.00E-03***	---	---	---	---	---
Nitroquinoline-1-oxide 4-	***5.00E-01***	---	---	---	---	---
Dichloroethylene, trans-1,2-	1.20E-01	8.41E-03	---	9.49E-04	2.07E-03	1.05E-02
Methyl ethyl ketone	5.40E+00	1.26E-02	4.08E-03	9.40E-05	2.05E-04	1.69E-02
Methyl isobutyl ketone	***2.50E+00***	***2.19E-02***	---	***5.99E-04***	***1.31E-03***	***2.32E-02***
Dimethoate	***2.00E-02***	***5.33E-05***	---	***2.62E-07***	***5.71E-07***	***5.38E-05***
Dimethyl phthalate	***5.00E-03***	***6.66E-06***	---	***1.68E-07***	***3.66E-07***	***7.02E-06***
Dimethylbenz(a)anthracene, 7,12-	***1.00E-02***	---	---	---	---	---
Heptachlor	***1.00E-03***	***5.33E-13***	---	***8.50E-12***	***1.85E-11***	***1.90E-11***
Heptachlor epoxide	***1.00E-03***	***1.40E-07***	---	***2.58E-07***	***5.61E-07***	***7.02E-07***
Naphthylamine	***5.00E-02***	---	---	---	---	---
Acenaphthene	***5.00E-03***	***5.84E-05***	---	***9.15E-05***	***1.99E-04***	***2.58E-04***
Kepone	***5.00E-03***	---	---	---	---	---
Pentachlorobenzene	***5.00E-03***	***4.38E-03***	---	***3.20E-02***	***6.96E-02***	***7.40E-02***
Pentachloroethane	***5.00E-02***	---	---	---	---	---
Pentachloronitrobenzene (PCNB)	***2.00E-02***	***4.93E-03***	---	***9.43E-03***	***2.05E-02***	***2.55E-02***

Legend

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Table 2b. Groundwater Pathway Hazard Quotient

Chemical Name	Waste Stream TCLP Concentration (mg/L)	Groundwater Ingestion Pathway	Groundwater Inhalation Pathway	Groundwater Dermal Absorption Pathway - Adult	Groundwater Dermal Absorption Pathway - Child	Groundwater Pathway Aggregate Hazard Quotient
Butylbenzylphthalate	*5.00E-03*	*1.66E-05*	---	*3.96E-05*	*8.62E-05*	*1.03E-04*
Chlordane	*1.00E-03*	*1.48E-03*	*3.73E-04*	*2.06E-02*	*4.48E-02*	*4.66E-02*
Tetrachloroethane, 1,1,2,2-	*5.00E-02*	*2.96E-05*	---	*3.53E-06*	*7.69E-06*	*3.73E-05*
Methoxychlor	*1.00E-03*	*5.33E-10*	---	*1.46E-09*	*3.19E-09*	*3.72E-09*
Trichlorophenoxyacetic acid, 2,4,5- (245-T)	*5.00E-03*	*3.50E-04*	---	*1.04E-04*	*2.26E-04*	*5.77E-04*
Dichlorodifluoromethane	*5.00E-02*	*1.75E-04*	*6.46E-04*	*2.01E-05*	*4.39E-05*	*8.65E-04*
Dichloropropene, trans-1,3-	*5.00E-02*	---	---	---	---	---
Trichloroethane, 1,1,1-	*5.00E-02*	*1.00E-03*	*4.58E-04*	*4.70E-04*	*1.05E-03*	*2.51E-03*
Endosulfan	*1.00E-03*	*1.17E-04*	---	*4.28E-05*	*9.32E-05*	*2.10E-04*
Dinitrotoluene, 2,6-	*5.00E-03*	*3.50E-03*	---	*1.57E-04*	*3.43E-04*	*3.85E-03*
Dinitrotoluene, 2,4-	*5.00E-03*	*1.75E-03*	---	*9.91E-05*	*2.16E-04*	*1.97E-03*
Diphenylamine	*1.00E-02*	*2.80E-04*	---	*1.95E-04*	*4.26E-04*	*7.06E-04*
Disulfoton	*2.00E-02*	*5.12E-06*	---	*3.87E-06*	*8.43E-06*	*1.36E-05*
Dibromo-3-chloropropane, 1,2-	*5.00E-02*	---	*2.84E-01*	---	---	*2.84E-01*
Hexachloropropene	*5.00E-02*	---	---	---	---	---
Dimethylbenzidine, 3,3'-	*5.00E-02*	---	---	---	---	---
Dimethylphenol, 2,4-	3.40E-02	2.38E-03	---	3.69E-04	8.03E-04	3.19E-03
Indeno(1,2,3-cd) pyrene	*5.00E-03*	---	---	---	---	---
Methacrylonitrile	*5.00E-01*	*3.50E+00*	*1.02E+00*	*4.09E-02*	*8.91E-02*	*4.61E+00*
Pentachlorophenol	*2.00E-02*	*4.93E-04*	---	*2.49E-03*	*5.43E-03*	*5.92E-03*
Ethyl methacrylate	*5.00E-02*	*1.95E-04*	---	*9.17E-06*	*2.00E-05*	*2.15E-04*
Zinc	*1.44E+00*	*2.57E-03*	---	---	---	*2.57E-03*
Arsenic	*1.00E-01*	*2.31E-01*	---	---	---	*2.31E-01*
Barium	*1.04E+00*	*7.11E-03*	---	---	---	*7.11E-03*
Beryllium	*1.00E-02*	*6.40E-04*	---	---	---	*6.40E-04*
Mercury	*2.00E-04*	*3.58E-04*	*2.07E-03*	---	---	*2.42E-03*
Benzyl alcohol	*5.00E-02*	*1.17E-04*	---	*2.65E-06*	*5.78E-06*	*1.23E-04*
Phenacetin	*1.00E-02*	---	---	---	---	---
Pronamide	*1.00E-02*	*9.35E-05*	---	*3.70E-05*	*8.05E-05*	*1.74E-04*
Pyrene	*5.00E-03*	*1.17E-04*	---	*9.29E-04*	*2.02E-03*	*2.14E-03*
Cadmium	*1.00E-02*	*8.88E-03*	---	---	---	*8.88E-03*
Dinitromethylphenol, 4,6-,2-	*2.00E-02*	*1.48E-01*	---	*9.18E-03*	*2.00E-02*	*1.68E-01*
Dinitrobenzene, 1,3-	*5.00E-03*	*3.50E-02*	---	*9.81E-04*	*2.14E-03*	*3.72E-02*
Ethyl methanesulfonate	*1.00E-02*	---	---	---	---	---
Fluoranthene	*5.00E-03*	*8.76E-05*	---	*7.12E-04*	*1.55E-03*	*1.64E-03*
Pyridine	*1.00E-02*	*7.01E-03*	---	*9.56E-05*	*2.08E-04*	*7.22E-03*
Safrole	*1.00E-02*	---	---	---	---	---
Tetrachloroethane, 1,1,1,2-	*5.00E-02*	*8.22E-04*	---	*1.42E-04*	*3.09E-04*	*1.13E-03*
Hexachloroethane	*5.00E-03*	*3.70E-03*	---	*3.72E-03*	*8.11E-03*	*1.18E-02*

Legend

Red= Waste concentration greater than 1% chemical
Orange= Waste concentration is a detection limit
* = Waste concentration is a detection limit
Blue = Maximum allowable concentration

Table 2b. Groundwater Pathway Hazard Quotient

Chemical Name	Waste Stream TCLP Concentration (mg/L)	Groundwater Ingestion Pathway	Groundwater Inhalation Pathway	Groundwater Dermal Absorption Pathway - Adult	Groundwater Dermal Absorption Pathway - Child	Groundwater Pathway Aggregate Hazard Quotient
Tetraethyl dithiopyrophosphate (Sulfotep)	*2.00E-02*	*1.07E-08*	---	*4.61E-09*	*1.00E-08*	*2.07E-08*
Chromium	*5.10E-02*	*1.18E-07*	---	---	---	*1.18E-07*
Cobalt	*2.10E-02*	---	---	---	---	---
Tetrachlorobenzene, 1,2,4,5-	*1.00E-02*	*2.34E-02*	---	*7.80E-02*	*1.70E-01*	*1.93E-01*
Toluidine, o-	2.00E-01	---	---	---	---	---
Bis(2-chlorethyl)ether	*5.00E-03*	---	---	---	---	---
Bis (2-Chloroisopropyl) ether	*5.00E-03*	*9.25E-05*	---	*1.51E-05*	*3.29E-05*	*1.25E-04*
Cyanide	*8.00E-03*	*2.96E-04*	---	---	---	*2.96E-04*
Copper	*1.40E-02*	*6.65E-07*	---	---	---	*6.65E-07*
Lead	*5.30E-02*	---	---	---	---	---
Nickel	*7.10E-02*	*1.26E-03*	---	---	---	*1.26E-03*
Aldrin	*1.00E-03*	*2.47E-02*	*7.41E-03*	*6.20E-01*	*1.35E+00*	*1.38E+00*
Hexachlorocyclohexane, alpha- (alpha-BHC)	*1.00E-03*	---	---	---	---	---
Hexachlorocyclohexane, beta- (beta-BHC)	*1.00E-03*	---	---	---	---	---
Chlorobenzilate	*1.00E-02*	*7.01E-05*	---	*7.02E-05*	*1.53E-04*	*2.23E-04*
Bis(2-ethylhexyl)phthalate	1.39E-02	9.74E-04	---	2.04E-03	4.44E-03	5.41E-03
Vinyl acetate	*5.00E-01*	*3.70E-04*	*5.35E-03*	---	---	*5.72E-03*
Vinyl chloride	1.00E-01	4.67E-02	5.71E-03	2.72E-03	5.93E-03	5.84E-02
Bis (2-Chloroethoxy) methane	*5.00E-03*	---	---	---	---	---
DDD	*1.00E-03*	---	---	---	---	---
DDE	*1.00E-03*	---	---	---	---	---
DDT	*1.00E-03*	*1.48E-03*	---	*4.20E-02*	*9.15E-02*	*9.30E-02*
Diallate	*5.00E-02*	---	---	---	---	---
Xylenes (total)	1.80E-01	1.26E-04	---	8.28E-05	1.80E-04	3.06E-04
Phenylenediamine, m-	*1.00E-02*	*1.17E-03*	---	*4.59E-06*	*1.00E-05*	*1.18E-03*
Tetrachlorophenol, 2,3,4,6-	*5.00E-02*	*1.17E-03*	---	*2.03E-03*	*4.43E-03*	*5.59E-03*
Dieldrin	*1.00E-03*	*1.07E-08*	---	*3.69E-08*	*8.03E-08*	*9.09E-08*
Endrin	*1.00E-03*	*7.40E-08*	---	*1.52E-07*	*3.31E-07*	*4.05E-07*
Hexachlorocyclohexane, gamma- (Lindane)	*1.00E-03*	*2.61E-08*	---	*1.15E-08*	*2.51E-08*	*5.12E-08*
Trichlorophenoxypropionic acid, 2,4,5- (Silvex)	*5.00E-03*	*4.38E-04*	---	*1.32E-04*	*2.86E-04*	*7.25E-04*
Dichlorophenoxyacetic acid, 2,4- (2,4-D)	*5.00E-03*	*3.50E-04*	---	*4.86E-05*	*1.06E-04*	*4.56E-04*
Butyl-4,6-dinitrophenol, 2-sec- (Dinoseb)	*5.00E-03*	*3.50E-03*	---	*8.59E-04*	*1.87E-03*	*5.38E-03*
Methylnapthalene 2-	*5.00E-03*	---	---	---	---	---
Fluorene	*5.00E-03*	*8.76E-05*	---	*2.07E-04*	*4.50E-04*	*5.38E-04*

Legend

Red= Waste concentration greater than 1% chemical
Orange= Waste concentration is a detection limit
* = Waste concentration is a detection limit
Blue = Maximum allowable concentration

Table 2b. Groundwater Pathway Hazard Quotient

Chemical Name	Waste Stream TCLP Concentration (mg/L)	Groundwater Ingestion Pathway	Groundwater Inhalation Pathway	Groundwater Dermal Absorption Pathway - Adult	Groundwater Dermal Absorption Pathway - Child	Groundwater Pathway Aggregate Hazard Quotient
Hexachlorobenzene	***5.00E-03***	***4.62E-03***	---	***7.42E-02***	***1.62E-01***	***1.66E-01***
Hexachloro-1,3-butadiene	***5.00E-03***	***1.85E-02***	---	***6.13E-02***	***1.33E-01***	***1.52E-01***
Naphthalene	8.10E-03	5.68E-04	1.02E-02	4.40E-04	9.58E-04	1.17E-02
Naphthaquinone 1,4-	***1.00E+00***	---	---	---	---	---
Naphthylamine	***1.00E-02***	---	---	---	---	---
Methylene bromide	***5.00E-02***	***3.50E-03***	---	***1.11E-04***	***2.43E-04***	***3.75E-03***
Tetrachloroethylene	***5.00E-02***	***3.50E-03***	---	***6.89E-04***	***1.50E-03***	***5.01E-03***
Dichlorobenzene, 1,4-	***5.00E-03***	---	***1.59E-05***	---	---	***1.59E-05***
Dichlorobenzidine, 3,3'-	***2.00E-02***	---	---	---	---	---
Dichlorophenol, 2,4-	***5.00E-03***	***1.17E-03***	---	***4.49E-04***	***9.78E-04***	***2.15E-03***
Toluene	1.10E+00	7.71E-03	---	2.83E-03	6.17E-03	1.39E-02
Acetone	***2.50E+00***	***1.75E-02***	---	***6.17E-05***	***1.34E-04***	***1.77E-02***
Acetonitrile	***1.00E-01***	---	***4.41E-04***	---	---	***4.41E-04***
Acrolein	***2.50E-01***	***1.17E-07***	***1.42E-04***	***5.97E-10***	***1.30E-09***	***1.43E-04***
Acrylonitrile	***5.00E-02***	***3.70E-02***	***2.37E-02***	***3.10E-04***	***6.76E-04***	***6.14E-02***
Dichlorophenol 2,6-	***5.00E-03***	---	---	---	---	---
Diethyl phthalate	1.70E-02	2.46E-05	---	2.40E-06	5.24E-06	2.98E-05
Allyl chloride	***1.00E-01***	---	---	---	---	---
Nitrosodimethylamine	***5.00E-03***	---	---	---	---	---
Isophorone	***5.00E-03***	***1.85E-05***	---	***8.78E-07***	***1.91E-06***	***2.04E-05***
Methyl parathion	***2.00E-02***	***2.52E-05***	---	***3.52E-06***	***7.67E-06***	***3.29E-05***
Methylcholanthrene, 3-	***5.00E-02***	---	---	---	---	---
Hexachlorocyclopentadiene	***5.00E-03***	***3.33E-09***	***9.57E-07***	***2.58E-08***	***5.61E-08***	***1.02E-06***
N-Nitrosodiphenylamine	2.10E-02	---	---	---	---	---
N-Nitrosomethylethylamine	***5.00E-03***	---	---	---	---	---
Nitrosomorpholine N-	***2.00E-02***	---	---	---	---	---
N-Nitrosopiperidine	***2.00E-02***	---	---	---	---	---
Methyl methacrylate	***5.00E-02***	***7.80E-06***	***3.72E-05***	***2.91E-07***	***6.34E-07***	***4.56E-05***
Benzene	***2.50E-01***	***1.85E-01***	***7.70E-02***	***2.74E-02***	***5.96E-02***	***3.22E-01***
Bromoform (Tribromomethane)	***5.00E-02***	***1.85E-03***	---	***1.15E-04***	***2.51E-04***	***2.10E-03***
Methyl bromide (Bromomethane)	***5.00E-02***	***6.26E-05***	***6.98E-05***	***1.74E-06***	***3.79E-06***	***1.36E-04***
Carbon disulfide	***2.50E-01***	***1.75E-03***	***1.04E-03***	***2.06E-04***	***4.48E-04***	***3.24E-03***
N-Nitrosopyrrolidine	***2.00E-02***	---	---	---	---	---
Nitrophenol 4-	***2.00E-02***	***2.39E-04***	---	***1.59E-05***	***3.46E-05***	***2.73E-04***
Phenanthrene	***5.00E-03***	---	---	---	---	---
Phenol	4.10E-02	9.58E-05	---	4.33E-06	9.44E-06	1.05E-04
Carbon tetrachloride	***5.00E-02***	***3.81E-02***	---	***8.71E-03***	***1.90E-02***	***5.70E-02***
Chlorobenzene	6.70E-02	4.70E-03	5.67E-03	1.79E-03	3.89E-03	1.43E-02

Legend

Red= **Waste concentration greater than 1% chemical**
Orange= **Waste concentration is a detection limit**
*** =** **Waste concentration is a detection limit**
Blue = **Maximum allowable concentration**

Table 2b. Groundwater Pathway Hazard Quotient

Chemical Name	Waste Stream TCLP Concentration (mg/L)	Groundwater Ingestion Pathway	Groundwater Inhalation Pathway	Groundwater Dermal Absorption Pathway - Adult	Groundwater Dermal Absorption Pathway - Child	Groundwater Pathway Aggregate Hazard Quotient
Chloro-1,3-butadiene, 2- (Chloroprene)	***5.00E-01***	---	---	---	---	---
Chlorodibromomethane	***5.00E-02***	***1.85E-03***	---	***1.13E-04***	***2.47E-04***	***2.10E-03***
Phorate	***2.00E-02***	***9.32E-09***	---	***5.94E-09***	***1.29E-08***	***2.23E-08***
Picoline a-	9.30E-03	---	---	---	---	---
Hexachlorophene	***1.00E+02***	***2.34E+02***	---	***2.35E+04***	***5.12E+04***	***5.14E+04***
Nitrosodi-n-butylamine	***2.00E-02***	---	---	---	---	---
N-Nitrosodi-n-propylamine	***5.00E-03***	---	---	---	---	---
Bromodichloromethane	***5.00E-02***	***1.85E-03***	---	***1.41E-04***	***3.06E-04***	***2.16E-03***
Dichloroethane, 1,1-	1.20E-01	3.20E-02	2.42E-02	2.33E-03	5.07E-03	6.12E-02
Bromophenyl-phenyl ether 4-	***5.00E-03***	***6.38E-05***	---	***9.44E-05***	***2.06E-04***	***2.69E-04***
Di-n-octyl phthalate	***5.00E-03***	***1.23E-04***	---	***3.28E-02***	***7.14E-02***	***7.16E-02***
Di-n-butyl phthalate	1.70E-02	2.26E-04	---	4.73E-04	1.03E-03	1.26E-03
Dibenz(a,h)anthracene	***5.00E-03***	---	---	---	---	---
Dibenzofuran	***5.00E-03***	***9.25E-04***	---	***6.32E-03***	***1.21E-02***	***1.30E-02***
Dichlorobenzene, 1,2-	***5.00E-03***	***3.89E-05***	***5.95E-05***	***2.95E-05***	***6.43E-05***	***1.63E-04***
Dichlorobenzene 1,3-	***5.00E-03***	---	***6.00E-02***	---	---	***6.00E-02***
Acenapthylene	***5.00E-03***	---	---	---	---	---
Acetophenone	***1.00E-02***	***7.01E-05***	---	***3.39E-06***	***7.38E-06***	***7.75E-05***
Aniline	3.80E-02	8.03E-03	---	1.63E-04	3.56E-04	8.39E-03
Selenium	***1.00E-01***	***2.30E-02***	---	---	---	***2.30E-02***
Silver	***1.40E-02***	***1.82E-03***	---	---	---	***1.82E-03***
Trichloroethylene	***5.00E-02***	***5.84E-03***	---	***4.01E-03***	***8.95E-03***	***1.48E-02***
Trichlorofluoromethane	***5.00E-02***	***1.17E-04***	***6.64E-04***	***2.13E-05***	***4.63E-05***	***8.27E-04***
Thallium	***1.00E-01***	***3.78E-01***	---	---	---	***3.78E-01***
Anthracene	***5.00E-03***	***1.23E-05***	---	***4.59E-05***	***1.00E-04***	***1.12E-04***
Aramite	***5.00E-02***	***1.02E-08***	---	***8.06E-07***	***1.53E-06***	***1.54E-06***
Benz(a)anthracene	***5.00E-03***	---	---	---	---	---
Chloro-3-methylphenol 4-	***5.00E-03***	---	---	---	---	---
Trichloropropane, 1,2,3-	***5.00E-02***	***4.83E-03***	---	***5.26E-04***	***1.15E-03***	***5.97E-03***
Benzo(a)pyrene	***5.00E-03***	---	---	---	---	---
Benzo(b)fluoranthene	***5.00E-03***	---	---	---	---	---
Dichloroethane, 1,2-	***5.00E-02***	---	---	---	---	---
All Waste Constituents	---	2.39E+02	1.55E+00	2.35E+04	5.12E+04	5.14E+04

Legend

Red= **Waste concentration greater than 1% chemical**
Orange= **Waste concentration is a detection limit**
*** =** **Waste concentration is a detection limit**
Blue = **Maximum allowable concentration**

Table 2c. Groundwater Pathway Risk

	Petitioned Waste Carcinogenic Risk - Groundwater Exposure Pathways					
Chemical Name	Waste Stream TCLP Concentration (mg/L)	Groundwater Ingestion Pathway	Groundwater Inhalation Pathway	Groundwater Dermal Absorption Pathway - Adult	Groundwater Dermal Absorption Pathway - Child	Groundwater Pathway Aggregate Risk
Antimony	*1.00E-01*	---	---	---	---	---
Tin	*1.00E+00*	---	---	---	---	---
Vanadium	*1.00E-01*	---	---	---	---	---
Dioxane, 1,4-	8.30E+00	6.94E-05	1.65E-06	1.19E-07	5.17E-08	7.12E-05
Ethylbenzene	*5.00E-02*	---	---	---	---	---
Benzo (ghi) perylene	*5.00E-03*	---	---	---	---	---
Chloroform	*5.00E-02*	*1.16E-07*	*1.73E-06*	*7.10E-09*	*3.09E-09*	*1.85E-06*
Benzo(k)fluoranthene	*5.00E-03*	*1.31E-07*	*1.08E-10*	*2.47E-06*	*1.07E-06*	*2.60E-06*
Isobutyl alcohol	*5.00E+00*	---	---	---	---	---
Methylene chloride	*2.50E-01*	*7.13E-07*	*1.79E-07*	*1.86E-08*	*8.10E-09*	*9.10E-07*
Styrene	*5.00E-02*	---	---	---	---	---
Methyl chloride (Chloromethane)	*5.00E-02*	---	---	---	---	---
Choroethane	3.02E-01	6.66E-07	3.09E-07	---	---	9.74E-07
Dichloropropene, cis-1,3-	*5.00E-02*	*1.81E-13*	*1.94E-13*	*1.39E-14*	*6.06E-15*	*3.90E-13*
Ethylene Dibromide	*1.00E-01*	*3.88E-05*	*2.89E-07*	*1.10E-06*	*4.78E-07*	*4.01E-05*
Dinitrophenol, 2,4-	*2.00E-02*	---	---	---	---	---
Parathion	*2.00E-02*	---	---	---	---	---
nitroaniline 2-	*2.00E-02*	---	---	---	---	---
Nitroaniline 3-	*2.00E-02*	---	---	---	---	---
Nitroaniline 4-	*2.00E-02*	---	---	---	---	---
Nitrobenzene	*5.00E-03*	---	---	---	---	---
Nitrophenol 2-	*5.00E-03*	---	---	---	---	---
Nitroquinoline-1-oxide 4-	*5.00E-01*	---	---	---	---	---
Dichloroethylene, trans-1,2-	1.20E-01	---	---	---	---	---
Methyl ethyl ketone	5.40E+00	---	---	---	---	---
Methyl isobutyl ketone	*2.50E+00*	---	---	---	---	---
Dimethoate	*2.00E-02*	---	---	---	---	---
Dimethyl phthalate	*5.00E-03*	---	---	---	---	---
Dimethylbenz(a)anthracene, 7,12-	*1.00E-02*	*9.50E-05*	*8.87E-09*	*4.76E-03*	*2.07E-03*	*4.85E-03*
Heptachlor	*1.00E-03*	*6.16E-16*	*1.57E-17*	*7.65E-15*	*3.33E-15*	*8.28E-15*
Heptachlor epoxide	*1.00E-03*	*8.53E-12*	*3.05E-13*	*1.22E-11*	*5.31E-12*	*2.10E-11*
Naphthylamine	*5.00E-02*	---	---	---	---	---
Acenaphthene	*5.00E-03*	---	---	---	---	---
Kepone	*5.00E-03*	*3.42E-05*	*4.28E-09*	*3.75E-05*	*1.64E-05*	*7.18E-05*
Pentachlorobenzene	*5.00E-03*	---	---	---	---	---
Pentachloroethane	*5.00E-02*	---	---	---	---	---
Pentachloronitrobenzene (PCNB)	*2.00E-02*	*1.98E-06*	*1.69E-06*	*2.94E-06*	*1.28E-06*	*6.61E-06*

Legend

Red= Waste concentration greater than 1% chemical
Orange= Waste concentration is a detection limit
*** =** Waste concentration is a detection limit
Blue = Maximum allowable concentration

Table 2c. Groundwater Pathway Risk

Chemical Name	Waste Stream TCLP Concentration (mg/L)	Groundwater Ingestion Pathway	Groundwater Inhalation Pathway	Groundwater Dermal Absorption Pathway - Adult	Groundwater Dermal Absorption Pathway - Child	Groundwater Pathway Aggregate Risk
Butylbenzylphthalate	*5.00E-03*	---	---	---	---	---
Chlordane	*1.00E-03*	*1.33E-07*	*1.40E-08*	*1.44E-06*	*6.27E-07*	*1.59E-06*
Tetrachloroethane, 1,1,2,2-	*5.00E-02*	*1.82E-07*	*1.34E-07*	*1.69E-08*	*7.38E-09*	*3.34E-07*
Methoxychlor	*1.00E-03*	---	---	---	---	---
Trichlorophenoxyacetic acid, 2,4,5- (245-T)	*5.00E-03*	---	---	---	---	---
Dichlorodifluoromethane	*5.00E-02*	---	---	---	---	---
Dichloropropene, trans-1,3-	*5.00E-02*	*1.81E-13*	*1.87E-13*	*1.39E-14*	*6.06E-15*	*3.82E-13*
Trichloroethane, 1,1,1-	*5.00E-02*	---	---	---	---	---
Endosulfan	*1.00E-03*	---	---	---	---	---
Dinitrotoluene, 2,6-	*5.00E-03*	*1.22E-06*	*7.53E-10*	*4.28E-08*	*1.87E-08*	*1.27E-06*
Dinitrotoluene, 2,4-	*5.00E-03*	*1.22E-06*	*8.46E-10*	*5.39E-08*	*2.35E-08*	*1.28E-06*
Diphenylamine	*1.00E-02*	---	---	---	---	---
Disulfoton	*2.00E-02*	---	---	---	---	---
Dibromo-3-chloropropane, 1,2-	*5.00E-02*	*2.28E-05*	*2.11E-08*	*1.22E-06*	*5.30E-07*	*2.40E-05*
Hexachloropropene	*5.00E-02*	---	---	---	---	---
Dimethylbenzidine, 3,3'-	*5.00E-02*	*1.75E-04*	*5.13E-11*	*1.89E-05*	*8.23E-06*	*1.94E-04*
Dimethylphenol, 2,4-	3.40E-02	---	---	---	---	---
Indeno(1,2,3-cd) pyrene	*5.00E-03*	*1.31E-06*	*1.25E-11*	*6.09E-05*	*2.65E-05*	*6.22E-05*
Methacrylonitrile	*5.00E-01*	---	---	---	---	---
Pentachlorophenol	*2.00E-02*	*9.12E-07*	*5.59E-08*	*3.59E-06*	*1.56E-06*	*4.56E-06*
Ethyl methacrylate	*5.00E-02*	---	---	---	---	---
Zinc	*1.44E+00*	---	---	---	---	---
Arsenic	*1.00E-01*	*5.34E-05*	---	---	---	*5.34E-05*
Barium	*1.04E+00*	---	---	---	---	---
Beryllium	*1.00E-02*	---	---	---	---	---
Mercury	*2.00E-04*	---	---	---	---	---
Benzyl alcohol	*5.00E-02*	---	---	---	---	---
Phenacetin	*1.00E-02*	---	---	---	---	---
Pronamide	*1.00E-02*	---	---	---	---	---
Pyrene	*5.00E-03*	---	---	---	---	---
Cadmium	*1.00E-02*	---	---	---	---	---
Dinitromethylphenol, 4,6-,2-	*2.00E-02*	---	---	---	---	---
Dinitrobenzene, 1,3-	*5.00E-03*	---	---	---	---	---
Ethyl methanesulfonate	*1.00E-02*	*6.02E-15*	*2.62E-18*	*1.65E-17*	*7.18E-18*	*6.04E-15*
Fluoranthene	*5.00E-03*	---	---	---	---	---
Pyridine	*1.00E-02*	---	---	---	---	---
Safrole	*1.00E-02*	---	---	---	---	---
Tetrachloroethane, 1,1,1,2-	*5.00E-02*	*3.29E-07*	*3.42E-07*	*4.42E-08*	*1.93E-08*	*7.15E-07*
Hexachloroethane	*5.00E-03*	*2.66E-08*	*1.87E-08*	*2.08E-08*	*9.08E-09*	*6.62E-08*

Legend

Red=	**Waste concentration greater than 1% chemical**
Orange=	**Waste concentration is a detection limit**
*** =**	**Waste concentration is a detection limit**
Blue =	**Maximum allowable concentration**

Table 2c. Groundwater Pathway Risk

Chemical Name	Waste Stream TCLP Concentration (mg/L)	Groundwater Ingestion Pathway	Groundwater Inhalation Pathway	Groundwater Dermal Absorption Pathway - Adult	Groundwater Dermal Absorption Pathway - Child	Groundwater Pathway Aggregate Risk
Tetraethyl dithiopyrophosphate (Sulfotep)	*2.00E-02*	---	---	---	---	---
Chromium	*5.10E-02*	---	---	---	---	---
Cobalt	*2.10E-02*	---	---	---	---	---
Tetrachlorobenzene, 1,2,4,5-	*1.00E-02*	---	---	---	---	---
Toluidine, o-	2.00E-01	3.65E-05	4.31E-07	9.32E-07	4.06E-07	3.78E-05
Bis(2-chlorethyl)ether	*5.00E-03*	*2.51E-07*	*2.42E-08*	*3.92E-09*	*1.71E-09*	*2.79E-07*
Bis (2-Chloroisopropyl) ether	*5.00E-03*	*1.33E-07*	*6.25E-08*	*1.69E-08*	*7.37E-09*	*2.12E-07*
Cyanide	*8.00E-03*	---	---	---	---	---
Copper	*1.40E-02*	---	---	---	---	---
Lead	*5.30E-02*	---	---	---	---	---
Nickel	*7.10E-02*	---	---	---	---	---
Aldrin	*1.00E-03*	*6.46E-06*	*2.03E-06*	*1.27E-04*	*5.51E-05*	*1.35E-04*
Hexachlorocyclohexane, alpha- (alpha-BHC)	*1.00E-03*	*2.27E-11*	*6.90E-13*	*8.91E-12*	*3.88E-12*	*3.23E-11*
Hexachlorocyclohexane, beta- (beta-BHC)	*1.00E-03*	*6.84E-07*	*1.09E-09*	*2.69E-07*	*1.17E-07*	*9.54E-07*
Chlorobenzilate	*1.00E-02*	*1.94E-07*	*6.40E-11*	*1.52E-07*	*6.60E-08*	*3.46E-07*
Bis(2-ethylhexyl)phthalate	1.39E-02	1.40E-07	6.88E-11	2.28E-07	9.94E-08	3.68E-07
Vinyl acetate	*5.00E-01*	---	---	---	---	---
Vinyl chloride	1.00E-01	1.08E-04	2.71E-06	4.90E-06	2.13E-06	1.16E-04
Bis (2-Chloroethoxy) methane	*5.00E-03*	---	---	---	---	---
DDD	*1.00E-03*	*9.12E-08*	*2.03E-09*	*1.26E-06*	*5.49E-07*	*1.35E-06*
DDE	*1.00E-03*	*1.29E-07*	*4.71E-08*	*5.37E-06*	*2.34E-06*	*5.54E-06*
DDT	*1.00E-03*	*1.29E-07*	*2.55E-08*	*2.86E-06*	*1.25E-06*	*3.01E-06*
Diallate	*5.00E-02*	*9.48E-11*	*1.95E-11*	*1.33E-10*	*5.80E-11*	*2.47E-10*
Xylenes (total)	1.80E-01	---	---	---	---	---
Phenylenediamine, m-	*1.00E-02*	---	---	---	---	---
Tetrachlorophenol, 2,3,4,6-	*5.00E-02*	---	---	---	---	---
Dieldrin	*1.00E-03*	*4.38E-12*	*6.88E-17*	*1.18E-11*	*5.14E-12*	*1.62E-11*
Endrin	*1.00E-03*	---	---	---	---	---
Hexachlorocyclohexane, gamma- (Lindane)	*1.00E-03*	*5.23E-12*	*7.91E-14*	*1.80E-12*	*7.83E-13*	*7.11E-12*
Trichlorophenoxypropionic acid, 2,4,5- (Silvex)	*5.00E-03*	---	---	---	---	---
Dichlorophenoxyacetic acid, 2,4- (2,4-D)	*5.00E-03*	---	---	---	---	---
Butyl-4,6-dinitrophenol, 2-sec- (Dinoseb)	*5.00E-03*	---	---	---	---	---
Methylnapthalene 2-	*5.00E-03*	---	---	---	---	---
Fluorene	*5.00E-03*	---	---	---	---	---

Legend

Red=	**Waste concentration greater than 1% chemical**
Orange=	**Waste concentration is a detection limit**
*** =**	**Waste concentration is a detection limit**
Blue =	**Maximum allowable concentration**

Table 2c. Groundwater Pathway Risk

Chemical Name	Waste Stream TCLP Concentration (mg/L)	Groundwater Ingestion Pathway	Groundwater Inhalation Pathway	Groundwater Dermal Absorption Pathway - Adult	Groundwater Dermal Absorption Pathway - Child	Groundwater Pathway Aggregate Risk
Hexachlorobenzene	*5.00E-03*	*3.04E-06*	*2.35E-06*	*3.80E-05*	*1.66E-05*	*4.34E-05*
Hexachloro-1,3-butadiene	*5.00E-03*	*1.48E-07*	*1.47E-07*	*3.82E-07*	*1.67E-07*	*6.78E-07*
Naphthalene	8.10E-03	---	---	---	---	---
Naphthaquinone 1,4-	*1.00E+00*	---	---	---	---	---
Naphthylamine	*1.00E-02*	---	---	---	---	---
Methylene bromide	*5.00E-02*	---	---	---	---	---
Tetrachloroethylene	*5.00E-02*	*9.36E-07*	*3.79E-08*	*1.43E-07*	*6.25E-08*	*1.12E-06*
Dichlorobenzene, 1,4-	*5.00E-03*	*4.56E-08*	*4.69E-08*	*2.65E-08*	*1.15E-08*	*1.19E-07*
Dichlorobenzidine, 3,3'-	*2.00E-02*	*3.42E-06*	*3.31E-10*	*1.10E-06*	*4.80E-07*	*4.52E-06*
Dichlorophenol, 2,4-	*5.00E-03*	---	---	---	---	---
Toluene	1.10E+00	---	---	---	---	---
Acetone	*2.50E+00*	---	---	---	---	---
Acetonitrile	*1.00E-01*	---	---	---	---	---
Acrolein	*2.50E-01*	---	---	---	---	---
Acrylonitrile	*5.00E-02*	*1.03E-05*	*1.73E-06*	*6.70E-08*	*2.92E-08*	*1.21E-05*
Dichlorophenol 2,6-	*5.00E-03*	---	---	---	---	---
Diethyl phthalate	1.70E-02	---	---	---	---	---
Allyl chloride	*1.00E-01*	---	---	---	---	---
Nitrosodimethylamine	*5.00E-03*	*9.69E-05*	*5.47E-07*	*1.41E-07*	*6.13E-08*	*9.76E-05*
Isophorone	*5.00E-03*	*1.81E-09*	*5.32E-11*	*6.68E-11*	*2.91E-11*	*1.93E-09*
Methyl parathion	*2.00E-02*	---	---	---	---	---
Methylcholanthrene, 3-	*5.00E-02*	*4.94E-04*	*2.14E-06*	*1.66E-02*	*7.22E-03*	*1.71E-02*
Hexachlorocyclopentadiene	*5.00E-03*	---	---	---	---	---
N-Nitrosodiphenylamine	2.10E-02	7.82E-08	3.63E-10	2.09E-08	9.11E-09	9.95E-08
N-Nitrosomethylethylamine	*5.00E-03*	*4.18E-05*	*1.82E-07*	*1.11E-07*	*4.83E-08*	*4.21E-05*
Nitrosomorpholine N-	*2.00E-02*	---	---	---	---	---
N-Nitrosopiperidine	*2.00E-02*	*2.89E-04*	*3.97E-07*	*2.27E-06*	*9.88E-07*	*2.91E-04*
Methyl methacrylate	*5.00E-02*	---	---	---	---	---
Benzene	*2.50E-01*	*2.76E-06*	*3.08E-06*	*3.18E-07*	*1.38E-07*	*6.15E-06*
Bromoform (Tribromomethane)	*5.00E-02*	*1.50E-07*	*6.30E-08*	*7.28E-09*	*3.17E-09*	*2.20E-07*
Methyl bromide (Bromomethane)	*5.00E-02*	---	---	---	---	---
Carbon disulfide	*2.50E-01*	---	---	---	---	---
N-Nitrosopyrrolidine	*2.00E-02*	*1.60E-05*	*9.46E-10*	*3.50E-08*	*1.53E-08*	*1.60E-05*
Nitrophenol 4-	*2.00E-02*	---	---	---	---	---
Phenanthrene	*5.00E-03*	---	---	---	---	---
Phenol	4.10E-02	---	---	---	---	---
Carbon tetrachloride	*5.00E-02*	*1.78E-06*	*8.11E-07*	*3.17E-07*	*1.38E-07*	*2.91E-06*
Chlorobenzene	6.70E-02	---	---	---	---	---

Legend

Red= Waste concentration greater than 1% chemical
Orange= Waste concentration is a detection limit
* = Waste concentration is a detection limit
Blue = Maximum allowable concentration

Table 2c. Groundwater Pathway Risk

Chemical Name	Waste Stream TCLP Concentration (mg/L)	Groundwater Ingestion Pathway	Groundwater Inhalation Pathway	Groundwater Dermal Absorption Pathway - Adult	Groundwater Dermal Absorption Pathway - Child	Groundwater Pathway Aggregate Risk
Chloro-1,3-butadiene, 2- (Chloroprene)	***5.00E-01***	---	---	---	---	---
Chlorodibromomethane	***5.00E-02***	***1.60E-06***	***1.48E-06***	***7.60E-08***	***3.31E-08***	***3.15E-06***
Phorate	***2.00E-02***	---	---	---	---	---
Picoline a-	9.30E-03	---	---	---	---	---
Hexachlorophene	***1.00E+02***	---	---	---	---	---
Nitrosodi-n-butylamine	***2.00E-02***	***4.10E-05***	***9.62E-06***	***4.37E-06***	***1.91E-06***	***5.50E-05***
N-Nitrosodi-n-propylamine	***5.00E-03***	***1.33E-05***	***2.36E-06***	***3.16E-07***	***1.37E-07***	***1.60E-05***
Bromodichloromethane	***5.00E-02***	***1.18E-06***	***1.30E-06***	***6.98E-08***	***3.04E-08***	***2.55E-06***
Dichloroethane, 1,1-	1.20E-01	---	---	---	---	---
Bromophenyl-phenyl ether 4-	***5.00E-03***	---	---	---	---	---
Di-n-octyl phthalate	***5.00E-03***	---	---	---	---	---
Di-n-butyl phthalate	1.70E-02	---	---	---	---	---
Dibenz(a,h)anthracene	***5.00E-03***	***1.39E-05***	***3.02E-10***	***6.58E-04***	***2.86E-04***	***6.71E-04***
Dibenzofuran	***5.00E-03***	---	---	---	---	---
Dichlorobenzene, 1,2-	***5.00E-03***	---	---	---	---	---
Dichlorobenzene 1,3-	***5.00E-03***	---	---	---	---	---
Acenapthylene	***5.00E-03***	---	---	---	---	---
Acetophenone	***1.00E-02***	---	---	---	---	---
Aniline	3.80E-02	1.65E-07	2.30E-09	2.61E-09	1.14E-09	1.70E-07
Selenium	***1.00E-01***	---	---	---	---	---
Silver	***1.40E-02***	---	---	---	---	---
Trichloroethylene	***5.00E-02***	***1.98E-07***	***1.21E-07***	***1.06E-07***	***4.72E-08***	***4.25E-07***
Trichlorofluoromethane	***5.00E-02***	---	---	---	---	---
Thallium	***1.00E-01***	---	---	---	---	---
Anthracene	***5.00E-03***	---	---	---	---	---
Aramite	***5.00E-02***	***6.58E-12***	---	***4.03E-10***	***1.53E-10***	***4.10E-10***
Benz(a)anthracene	***5.00E-03***	***1.39E-06***	***9.85E-09***	***1.91E-05***	***8.31E-06***	***2.05E-05***
Chloro-3-methylphenol 4-	***5.00E-03***	---	---	---	---	---
Trichloropropane, 1,2,3-	***5.00E-02***	***1.04E-04***	***7.76E-05***	***8.84E-06***	***3.85E-06***	***1.91E-04***
Benzo(a)pyrene	***5.00E-03***	***1.39E-05***	***2.28E-08***	***3.10E-04***	***1.35E-04***	***3.24E-04***
Benzo(b)fluoranthene	***5.00E-03***	***1.31E-06***	***1.57E-08***	***3.43E-05***	***1.49E-05***	***3.56E-05***
Dichloroethane, 1,2-	***5.00E-02***	***3.11E-05***	***3.10E-05***	***1.03E-06***	***4.49E-07***	***6.32E-05***
All Waste Constituents	---	1.83E-03	1.47E-04	2.27E-02	9.89E-03	2.47E-02

Legend

Red= Waste concentration greater than 1% chemical
Orange= Waste concentration is a detection limit
*** =** Waste concentration is a detection limit
Blue = Maximum allowable concentration

Table 2d. Maximum Allowable TCLP Concentrations – Groundwater Exposure Pathways

Chemical Name Risk Factor = 1.00E-05 HQ Factor = 1.00E+00 * = Detection Limit	Waste Stream TCLP Concentration (mg/L)	Dilution Attenuation Factor (DAF)	Waste Volume Adjusted DAF	Maximum Allowable Concentration (mg/L)	DL	Max. Allowable Concentration Based on Groundwater Ingestion Pathway	Max. Allowable Concentration Based on Groundwater Inhalation Pathway	Max. Allowable Concentration Based on Adult Groundwater Dermal Absorption Pathway	Max. Allowable Concentration Based on Child Groundwater Dermal Absorption Pathway	Max. Allowable Concentration Based on MCL
Nitroaniline 4-	*2.00E-02*	*1.80E+01*	*1.80E+01*	*2.03E+00*	*	*2.03E+00*	---	*8.07E+01*	*3.70E+01*	---
Nitrophenol 4-	*2.00E-02*	*1.80E+01*	*1.80E+01*	*4.19E+01*	*	*4.19E+01*	---	*6.29E+02*	*2.89E+02*	---
Ethylbenzene	*5.00E-02*	*1.90E+01*	*1.90E+01*	*1.33E+01*	*	*7.13E+01*	*1.01E+02*	*1.13E+02*	*5.20E+01*	*1.33E+01*
Styrene	*5.00E-02*	*1.90E+01*	*1.90E+01*	*1.90E+00*	*	*1.43E+02*	*3.44E+02*	*3.10E+02*	*1.42E+02*	*1.90E+00*
Benzyl alcohol	*5.00E-02*	*1.90E+01*	*1.90E+01*	*2.14E+02*	*	*2.14E+02*	---	*9.42E+03*	*4.32E+03*	---
Dichloropropene, cis-1,3-	*5.00E-02*	*3.30E+08*	*3.30E+08*	*1.38E+06*	*	*1.38E+06*	*2.14E+06*	*1.80E+07*	*4.12E+07*	---
Dichloropropene, trans-1,3-	*5.00E-02*	*3.30E+08*	*3.30E+08*	*1.38E+06*	*	*1.38E+06*	*2.22E+06*	*1.80E+07*	*4.12E+07*	---
N-Nitrosopiperidine	*2.00E-02*	*1.80E+01*	*1.80E+01*	*3.46E-04*	*	*3.46E-04*	*3.67E-01*	*4.41E-02*	*1.01E-01*	---
Bromophenyl-phenyl ether 4-	*5.00E-03*	*1.80E+01*	*1.80E+01*	*1.22E+01*	*	*3.92E+01*	---	*2.65E+01*	*1.22E+01*	---
Heptachlor epoxide	*1.00E-03*	*7.30E+06*	*7.30E+06*	*4.10E+02*	*	*5.86E+02*	*2.44E+04*	*4.10E+02*	*9.41E+02*	*1.46E+03*
Dimethylphenol, 2,4-	3.40E-02	1.90E+01	1.90E+01	**1.43E+01**		1.43E+01	---	9.22E+01	4.23E+01	---
N-Nitrosomethylethylamine	*5.00E-03*	*1.80E+01*	*1.80E+01*	*5.98E-04*	*	*5.98E-04*	*2.00E-01*	*2.25E-01*	*5.18E-01*	---
Dichlorobenzene, 1,4-	*5.00E-03*	*1.80E+01*	*1.80E+01*	*5.48E-01*	*	*5.48E-01*	*8.93E-01*	*9.43E-01*	*2.17E+00*	*1.35E+01*

Legend

Red=	Waste concentration greater than 1% chemical
Orange=	Waste concentration is a detection limit
* =	Waste concentration is a detection limit
Blue =	Maximum allowable concentration

Table 2d. Maximum Allowable TCLP Concentrations – Groundwater Exposure Pathways

Chemical Name Risk Factor = 1.00E-05 HQ Factor = 1.00E+00 * = Detection Limit	Waste Stream TCLP Concentration (mg/L)	Dilution Attenuation Factor (DAF)	Waste Volume Adjusted DAF	Maximum Allowable Concentration (mg/L)	DL	Max. Allowable Concentration Based on Groundwater Ingestion Pathway	Max. Allowable Concentration Based on Groundwater Inhalation Pathway	Max. Allowable Concentration Based on Adult Groundwater Dermal Absorption Pathway	Max. Allowable Concentration Based on Child Groundwater Dermal Absorption Pathway	Max. Allowable Concentration Based on MCL
Ethylene Dibromide	*1.00E-01*	*1.50E+03*	*1.50E+03*	*1.29E-02*	*	*1.29E-02*	*2.80E+00*	*4.56E-01*	*1.05E+00*	*7.50E-02*
Acrolein	*2.50E-01*	*1.43E+06*	*1.43E+06*	*1.33E+03*	*	*1.07E+06*	*1.33E+03*	*2.10E+08*	*9.62E+07*	---
Allyl chloride	*1.00E-01*	---	---		*	---	---	---	---	---
Dichloroethane, 1,2-	*5.00E-02*	*1.00E+00*	*1.00E+00*	*5.00E-03*	*	---	---	---	---	*5.00E-03*
Acrylonitrile	*5.00E-02*	*1.80E+01*	*1.80E+01*	*2.44E-02*	*	*2.44E-02*	*2.19E-01*	*3.73E+00*	*8.57E+00*	---
Vinyl acetate	*5.00E-01*	*1.80E+01*	*1.80E+01*	*7.63E+01*	*	*6.76E+02*	*7.63E+01*	---	---	---
Methyl isobutyl ketone	*2.50E+00*	*1.90E+01*	*1.90E+01*	*5.71E+01*	*	*5.71E+01*	---	*2.09E+03*	*9.57E+02*	---
Phenylenediamine, m-	*1.00E-02*	*1.90E+01*	*1.90E+01*	*4.28E+00*	*	*4.28E+00*	---	*1.09E+03*	*5.00E+02*	---
Toluene	1.10E+00	1.90E+01	1.90E+01	**1.90E+01**		1.43E+02	---	3.88E+02	1.78E+02	1.90E+01
Chlorobenzene	6.70E-02	1.90E+01	1.90E+01	**1.90E+00**		1.43E+01	1.99E+01	3.75E+01	1.72E+01	1.90E+00
Phenol	4.10E-02	1.90E+01	1.90E+01	**4.28E+02**		4.28E+02	---	9.46E+03	4.34E+03	---
Picoline a-	9.30E-03	1.80E+01	1.80E+01			---	---	---	---	---
Pyridine	*1.00E-02*	*1.90E+01*	*1.90E+01*	*7.13E-01*	*	*7.13E-01*	---	*5.23E+01*	*2.40E+01*	---
Bis(2-chlorethyl)ether	*5.00E-03*	*1.50E+02*	*1.50E+02*	*9.97E-02*	*	*9.97E-02*	*1.52E+00*	*6.38E+00*	*1.46E+01*	---
Bis (2-Chloroethoxy) methane	*5.00E-03*	*1.80E+01*	*1.80E+01*		*	---	---	---	---	---

Legend

Red=	Waste concentration greater than 1% chemical
Orange=	Waste concentration is a detection limit
* =	Waste concentration is a detection limit
Blue =	Maximum allowable concentration

Table 2d. Maximum Allowable TCLP Concentrations – Groundwater Exposure Pathways

Chemical Name Risk Factor = 1.00E-05 HQ Factor = 1.00E+00 * = Detection Limit	Waste Stream TCLP Concentration (mg/L)	Dilution Attenuation Factor (DAF)	Waste Volume Adjusted DAF	Maximum Allowable Concentration (mg/L)	DL	Max. Allowable Concentration Based on Groundwater Ingestion Pathway	Max. Allowable Concentration Based on Groundwater Inhalation Pathway	Max. Allowable Concentration Based on Adult Groundwater Dermal Absorption Pathway	Max. Allowable Concentration Based on Child Groundwater Dermal Absorption Pathway	Max. Allowable Concentration Based on MCL
Endosulfan	*1.00E-03*	*1.90E+01*	*1.90E+01*	***4.28E+00***	*	*4.28E+00*	---	*1.17E+01*	*5.37E+00*	---
Bis(2-ethylhexyl)phthalate	1.39E-02	1.90E+01	1.90E+01	**1.14E-01**		1.43E+01	---	6.83E+00	3.13E+00	1.14E-01
Di-n-octyl phthalate	*5.00E-03*	*2.70E+01*	*2.70E+01*	***3.50E-02***	*	*2.03E+01*	---	*7.62E-02*	*3.50E-02*	---
Hexachlorobenzene	*5.00E-03*	*1.80E+01*	*1.80E+01*	***6.58E-04***	*	*8.22E-03*	*1.74E-02*	*6.58E-04*	*1.51E-03*	*1.80E-02*
Dimethylbenzidine, 3,3'-	*5.00E-02*	*1.80E+01*	*1.80E+01*	***1.43E-03***	*	*1.43E-03*	*7.16E+03*	*1.32E-02*	*3.04E-02*	---
Anthracene	*5.00E-03*	*1.80E+01*	*1.80E+01*	***2.50E+01***	*	*2.03E+02*	---	*5.44E+01*	*2.50E+01*	---
Dichlorophenol, 2,4-	*5.00E-03*	*1.90E+01*	*1.90E+01*	***2.14E+00***	*	*2.14E+00*	---	*5.57E+00*	*2.56E+00*	---
Dinitrotoluene, 2,4-	*5.00E-03*	*1.90E+01*	*1.90E+01*	***2.04E-02***	*	*2.04E-02*	*4.33E+01*	*4.64E-01*	*1.06E+00*	---
Diphenylamine	*1.00E-02*	*1.90E+01*	*1.90E+01*	***1.18E+01***	*	*1.78E+01*	---	*2.56E+01*	*1.18E+01*	---
Dioxane, 1,4-	8.30E+00	1.80E+01	1.80E+01	**1.20E+00**		1.20E+00	7.33E+01	7.00E+02	1.61E+03	---
Chlorodibromomethane	*5.00E-02*	*1.80E+01*	*1.80E+01*	***1.57E-01***	*	*1.57E-01*	*2.79E-01*	*3.29E+00*	*7.55E+00*	---
Methacrylonitrile	*5.00E-01*	*1.90E+01*	*1.90E+01*	***7.13E-02***	*	*7.13E-02*	*3.90E-01*	*6.11E+00*	*2.81E+00*	---
Chloro-1,3-butadiene, 2- (Chloroprene)	*5.00E-01*	---	---		*	---	---	---	---	---

Legend

Red=	**Waste concentration greater than 1% chemical**
Orange=	**Waste concentration is a detection limit**
*** =**	**Waste concentration is a detection limit**
Blue =	**Maximum allowable concentration**

Table 2d. Maximum Allowable TCLP Concentrations – Groundwater Exposure Pathways

Chemical Name Risk Factor = 1.00E-05 HQ Factor = 1.00E+00 * = Detection Limit	Waste Stream TCLP Concentration (mg/L)	Dilution Attenuation Factor (DAF)	Waste Volume Adjusted DAF	Maximum Allowable Concentration (mg/L)	DL	Max. Allowable Concentration Based on Groundwater Ingestion Pathway	Max. Allowable Concentration Based on Groundwater Inhalation Pathway	Max. Allowable Concentration Based on Adult Groundwater Dermal Absorption Pathway	Max. Allowable Concentration Based on Child Groundwater Dermal Absorption Pathway	Max. Allowable Concentration Based on MCL
Tetrachloroethylene	*5.00E-02*	*1.90E+01*	*1.90E+01*	*9.50E-02*	*	*7.13E+00*	---	*3.63E+01*	*1.67E+01*	*9.50E-02*
Pyrene	*5.00E-03*	*1.90E+01*	*1.90E+01*	*1.23E+00*	*	*2.14E+01*	---	*2.69E+00*	*1.23E+00*	---
Naphthaquinone 1,4-	*1.00E+00*	*1.80E+01*	*1.80E+01*		*	---	---	---	---	---
Dimethyl phthalate	*5.00E-03*	*1.00E+00*	*1.00E+00*	*3.75E+02*	*	*3.75E+02*	---	*1.49E+04*	*6.84E+03*	---
Dibenzofuran	*5.00E-03*	*1.80E+01*	*1.80E+01*	*2.07E-01*	*	*2.70E+00*	---	*3.96E-01*	*2.07E-01*	---
Xylenes (total)	1.80E-01	1.90E+01	1.90E+01	**1.90E+02**		1.43E+03	---	2.18E+03	9.99E+02	1.90E+02
Aramite	*5.00E-02*	*1.30E+06*	*1.30E+06*	*6.20E+02*	*	*3.80E+04*	---	*6.20E+02*	*1.63E+03*	---
Kepone	*5.00E-03*	*1.80E+01*	*1.80E+01*	*6.66E-04*	*	*7.31E-04*	*8.50E+00*	*6.66E-04*	*1.53E-03*	---
Dichloroethylene, trans-1,2-	1.20E-01	1.90E+01	1.90E+01	**1.90E+00**		1.43E+01	---	1.26E+02	5.81E+01	1.90E+00
Hexachloropropene	*5.00E-02*	*1.80E+01*	*1.80E+01*		*	---	---	---	---	---
Benzo (ghi) perylene	*5.00E-03*	*1.80E+01*	*1.80E+01*		*	---	---	---	---	---
Indeno(1,2,3-cd) pyrene	*5.00E-03*	*1.90E+01*	*1.90E+01*	*4.11E-04*	*	*1.90E-02*	*2.95E+03*	*4.11E-04*	*9.43E-04*	---
Benzo(b)fluoranthene	*5.00E-03*	*1.90E+01*	*1.90E+01*	*7.29E-04*	*	*1.90E-02*	*2.35E+00*	*7.29E-04*	*1.67E-03*	---
Fluoranthene	*5.00E-03*	*1.90E+01*	*1.90E+01*	*1.61E+00*	*	*2.85E+01*	---	*3.51E+00*	*1.61E+00*	---

Legend

Red=	Waste concentration greater than 1% chemical
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Table 2d. Maximum Allowable TCLP Concentrations – Groundwater Exposure Pathways

Chemical Name Risk Factor = 1.00E-05 HQ Factor = 1.00E+00 * = Detection Limit	Waste Stream TCLP Concentration (mg/L)	Dilution Attenuation Factor (DAF)	Waste Volume Adjusted DAF	Maximum Allowable Concentration (mg/L)	DL	Max. Allowable Concentration Based on Groundwater Ingestion Pathway	Max. Allowable Concentration Based on Groundwater Inhalation Pathway	Max. Allowable Concentration Based on Adult Groundwater Dermal Absorption Pathway	Max. Allowable Concentration Based on Child Groundwater Dermal Absorption Pathway	Max. Allowable Concentration Based on MCL
Benzo(k)fluoranthene	*5.00E-03*	*1.90E+01*	*1.90E+01*	*1.01E-02*	*	*1.90E-01*	*3.41E+02*	*1.01E-02*	*2.33E-02*	---
Acenapthylene	*5.00E-03*	*1.80E+01*	*1.80E+01*		*	---	---	---	---	---
Diallate	*5.00E-02*	*2.20E+05*	*2.20E+05*	*1.88E+03*	*	*2.64E+03*	*1.91E+04*	*1.88E+03*	*4.31E+03*	---
Pronamide	*1.00E-02*	*1.90E+01*	*1.90E+01*	*5.35E+01*	*	*5.35E+01*	---	*1.35E+02*	*6.21E+01*	---
Methyl parathion	*2.00E-02*	*4.22E+04*	*4.22E+04*	*3.96E+02*	*	*3.96E+02*	---	*2.84E+03*	*1.30E+03*	---
Phorate	*2.00E-02*	*1.43E+08*	*1.43E+08*	*7.73E+05*	*	*1.07E+06*	---	*1.68E+06*	*7.73E+05*	---
Disulfoton	*2.00E-02*	*1.30E+06*	*1.30E+06*	*1.19E+03*	*	*1.95E+03*	---	*2.58E+03*	*1.19E+03*	---
Aldrin	*1.00E-03*	*1.80E+01*	*1.80E+01*	*3.95E-05*	*	*7.74E-04*	*3.85E-03*	*3.95E-05*	*9.07E-05*	---
Hexachlorocyclohexane, alpha- (alpha-BHC)	*1.00E-03*	*1.90E+06*	*1.90E+06*	*2.20E+02*	*	*2.20E+02*	*1.07E+04*	*5.61E+02*	*1.29E+03*	---
Hexachlorocyclohexane, beta- (beta-BHC)	*1.00E-03*	*1.80E+01*	*1.80E+01*	*7.31E-03*	*	*7.31E-03*	*6.78E+00*	*1.86E-02*	*4.27E-02*	---
Tetraethyl dithiopyrophosphate (Sulfotep)	*2.00E-02*	*5.00E+07*	*5.00E+07*	*9.39E+05*	*	*9.39E+05*	---	*2.17E+06*	*9.96E+05*	---
Bis (2-Chloroisopropyl) ether	*5.00E-03*	*1.80E+01*	*1.80E+01*	*1.88E-01*	*	*1.88E-01*	*6.59E-01*	*1.48E+00*	*3.39E+00*	---

Legend

Red=	Waste concentration greater than 1% chemical
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Table 2d. Maximum Allowable TCLP Concentrations – Groundwater Exposure Pathways

Chemical Name Risk Factor = 1.00E-05 HQ Factor = 1.00E+00 * = Detection Limit	Waste Stream TCLP Concentration (mg/L)	Dilution Attenuation Factor (DAF)	Waste Volume Adjusted DAF	Maximum Allowable Concentration (mg/L)	DL	Max. Allowable Concentration Based on Groundwater Ingestion Pathway	Max. Allowable Concentration Based on Groundwater Inhalation Pathway	Max. Allowable Concentration Based on Adult Groundwater Dermal Absorption Pathway	Max. Allowable Concentration Based on Child Groundwater Dermal Absorption Pathway	Max. Allowable Concentration Based on MCL
DDT	*1.00E-03*	*1.80E+01*	*1.80E+01*	*1.75E-03*	*	*3.87E-02*	*2.99E-01*	*1.75E-03*	*4.02E-03*	---
Benzo(a)pyrene	*5.00E-03*	*1.80E+01*	*1.80E+01*	*8.06E-05*	*	*1.80E-03*	*1.61E+00*	*8.06E-05*	*1.85E-04*	*3.60E-03*
Chlorobenzilate	*1.00E-02*	*9.50E+01*	*9.50E+01*	*2.57E-01*	*	*2.57E-01*	*1.15E+03*	*3.30E-01*	*7.57E-01*	---
Dinitrophenol, 2,4-	*2.00E-02*	*1.90E+01*	*1.90E+01*	*1.43E+00*	*	*1.43E+00*	---	*5.24E+01*	*2.40E+01*	---
Dinitromethylphenol, 4,6-,2-	*2.00E-02*	*1.80E+01*	*1.80E+01*	*6.76E-02*	*	*6.76E-02*	---	*1.09E+00*	*5.00E-01*	---
Dibenz(a,h)anthracene	*5.00E-03*	*1.80E+01*	*1.80E+01*	*3.80E-05*	*	*1.80E-03*	*1.22E+02*	*3.80E-05*	*8.73E-05*	---
Dichlorobenzene 1,3-	*5.00E-03*	*1.90E+01*	*1.90E+01*	*6.98E-02*	*	---	*6.98E-02*	---	---	---
Carbon tetrachloride	*5.00E-02*	*2.50E+01*	*2.50E+01*	*1.25E-01*	*	*6.57E-01*	---	*2.87E+00*	*1.32E+00*	*1.25E-01*
Parathion	*2.00E-02*	*4.70E+06*	*4.70E+06*	*9.07E+05*	*	*1.06E+06*	---	*1.98E+06*	*9.07E+05*	---
Methylcholanthrene, 3-	*5.00E-02*	*1.80E+01*	*1.80E+01*	*1.51E-05*	*	*5.06E-04*	*1.72E-01*	*1.51E-05*	*3.46E-05*	---
Benz(a)anthracene	*5.00E-03*	*1.80E+01*	*1.80E+01*	*1.31E-03*	*	*1.80E-02*	*3.73E+00*	*1.31E-03*	*3.01E-03*	---
Nitroquinoline-1-oxide 4-	*5.00E-01*	*1.80E+01*	*1.80E+01*		*	---	---	---	---	---
Cyanide	*8.00E-03*	*1.80E+01*	*1.80E+01*	*3.60E+00*	*	*1.35E+01*	---	---	---	*3.60E+00*

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Table 2d. Maximum Allowable TCLP Concentrations – Groundwater Exposure Pathways

Chemical Name Risk Factor = 1.00E-05 HQ Factor = 1.00E+00 * = Detection Limit	Waste Stream TCLP Concentration (mg/L)	Dilution Attenuation Factor (DAF)	Waste Volume Adjusted DAF	Maximum Allowable Concentration (mg/L)	DL	Max. Allowable Concentration Based on Groundwater Ingestion Pathway	Max. Allowable Concentration Based on Groundwater Inhalation Pathway	Max. Allowable Concentration Based on Adult Groundwater Dermal Absorption Pathway	Max. Allowable Concentration Based on Child Groundwater Dermal Absorption Pathway	Max. Allowable Concentration Based on MCL
Chlordane	*1.00E-03*	*1.80E+01*	*1.80E+01*	*3.47E-03*	*	*3.76E-02*	*5.38E-01*	*3.47E-03*	*7.97E-03*	*3.60E-02*
Dimethylbenz(a)anthracene, 7,12-	*1.00E-02*	*1.80E+01*	*1.80E+01*	*1.05E-05*	*	*5.26E-04*	*8.21E+00*	*1.05E-05*	*2.41E-05*	---
Hexachlorocyclohexane, gamma- (Lindane)	*1.00E-03*	*1.70E+06*	*1.70E+06*	*3.40E+02*	*	*1.91E+04*	---	*4.34E+04*	*1.99E+04*	*3.40E+02*
Tetrachlorophenol, 2,3,4,6-	*5.00E-02*	*1.90E+01*	*1.90E+01*	*5.65E+00*	*	*2.14E+01*	---	*1.23E+01*	*5.65E+00*	---
Chloro-3-methylphenol 4-	*5.00E-03*	*1.80E+01*	*1.80E+01*		*	---	---	---	---	---
Nitrosomorpholine N-	*2.00E-02*	*1.80E+01*	*1.80E+01*		*	---	---	---	---	---
Dimethoate	*2.00E-02*	*2.50E+04*	*2.50E+04*	*1.88E+02*	*	*1.88E+02*	---	*3.82E+04*	*1.75E+04*	---
Dieldrin	*1.00E-03*	*2.50E+07*	*2.50E+07*	*4.24E+02*	*	*1.14E+03*	*1.08E+08*	*4.24E+02*	*9.73E+02*	---
Dinitrotoluene, 2,6-	*5.00E-03*	*1.90E+01*	*1.90E+01*	*2.04E-02*	*	*2.04E-02*	*4.86E+01*	*5.84E-01*	*1.34E+00*	---
Pentachlorobenzene	*5.00E-03*	*1.90E+01*	*1.90E+01*	*3.59E-02*	*	*5.71E-01*	---	*7.82E-02*	*3.59E-02*	---
N-Nitrosodi-n-propylamine	*5.00E-03*	*1.80E+01*	*1.80E+01*	*1.88E-03*	*	*1.88E-03*	*1.58E-02*	*7.92E-02*	*1.82E-01*	---
Phenacetin	*1.00E-02*	*1.80E+01*	*1.80E+01*		*	---	---	---	---	---

Legend

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Table 2d. Maximum Allowable TCLP Concentrations – Groundwater Exposure Pathways

Chemical Name Risk Factor = 1.00E-05 HQ Factor = 1.00E+00 * = Detection Limit	Waste Stream TCLP Concentration (mg/L)	Dilution Attenuation Factor (DAF)	Waste Volume Adjusted DAF	Maximum Allowable Concentration (mg/L)	DL	Max. Allowable Concentration Based on Groundwater Ingestion Pathway	Max. Allowable Concentration Based on Groundwater Inhalation Pathway	Max. Allowable Concentration Based on Adult Groundwater Dermal Absorption Pathway	Max. Allowable Concentration Based on Child Groundwater Dermal Absorption Pathway	Max. Allowable Concentration Based on MCL
Ethyl methanesulfonate	*1.00E-02*	*3.33E+12*	*3.33E+12*	*8.31E+06*	*	*8.31E+06*	*2.78E+10*	*3.03E+09*	*6.96E+09*	---
Aniline	3.80E-02	1.80E+01	1.80E+01	**2.31E+00**		2.31E+00	2.41E+02	1.46E+02	3.35E+02	---
Nitrosodimethylamine	*5.00E-03*	*1.80E+01*	*1.80E+01*	*2.58E-04*	*	*2.58E-04*	*6.66E-02*	*1.78E-01*	*4.08E-01*	---
Tetrachloroethane, 1,1,1,2-	*5.00E-02*	*2.70E+01*	*2.70E+01*	*7.59E-01*	*	*7.59E-01*	*1.23E+00*	*5.66E+00*	*1.30E+01*	---
Acetone	*2.50E+00*	*1.90E+01*	*1.90E+01*	*7.13E+01*	*	*7.13E+01*	---	*2.02E+04*	*9.30E+03*	---
Chloroform	*5.00E-02*	*1.80E+01*	*1.80E+01*	*2.43E-01*	*	*2.16E+00*	*2.43E-01*	*3.52E+01*	*8.08E+01*	*1.80E+00*
Hexachloroethane	*5.00E-03*	*1.80E+01*	*1.80E+01*	*3.08E-01*	*	*6.76E-01*	---	*6.72E-01*	*3.08E-01*	---
Hexachlorophene	*1.00E+02*	*1.90E+01*	*1.90E+01*	*9.77E-04*	*	*2.14E-01*	---	*2.13E-03*	*9.77E-04*	---
Benzene	*2.50E-01*	*1.80E+01*	*1.80E+01*	*1.80E-01*	*	*6.76E-01*	*2.73E+00*	*4.57E+00*	*2.10E+00*	*1.80E-01*
Trichloroethane, 1,1,1-	*5.00E-02*	*1.90E+01*	*1.90E+01*	*3.80E+00*	*	*2.50E+01*	*9.21E+01*	*5.32E+01*	*2.37E+01*	*3.80E+00*
Endrin	*1.00E-03*	*6.00E+05*	*6.00E+05*	*1.20E+03*	*	*6.76E+03*	---	*3.29E+03*	*1.51E+03*	*1.20E+03*
Methoxychlor	*1.00E-03*	*5.00E+06*	*5.00E+06*	*1.57E+05*	*	*9.39E+05*	---	*3.41E+05*	*1.57E+05*	*2.00E+05*
DDD	*1.00E-03*	*1.80E+01*	*1.80E+01*	*3.97E-03*	*	*5.48E-02*	*3.64E+00*	*3.97E-03*	*9.10E-03*	---

Legend

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Blue =	Maximum allowable concentration

Table 2d. Maximum Allowable TCLP Concentrations – Groundwater Exposure Pathways

Chemical Name Risk Factor = 1.00E-05 HQ Factor = 1.00E+00 * = Detection Limit	Waste Stream TCLP Concentration (mg/L)	Dilution Attenuation Factor (DAF)	Waste Volume Adjusted DAF	Maximum Allowable Concentration (mg/L)	DL	Max. Allowable Concentration Based on Groundwater Ingestion Pathway	Max. Allowable Concentration Based on Groundwater Inhalation Pathway	Max. Allowable Concentration Based on Adult Groundwater Dermal Absorption Pathway	Max. Allowable Concentration Based on Child Groundwater Dermal Absorption Pathway	Max. Allowable Concentration Based on MCL
DDE	*1.00E-03*	*1.80E+01*	*1.80E+01*	***9.32E-04***	*	*3.87E-02*	*1.67E-01*	*9.32E-04*	*2.14E-03*	---
Lead	*5.30E-02*	*5.00E+03*	*5.00E+03*	***7.50E+01***	*	---	---	---	---	*7.50E+01*
Mercury	*2.00E-04*	*7.45E+01*	*7.45E+01*	***8.14E-02***	*	*2.80E-01*	*8.14E-02*	---	---	*1.49E-01*
Nickel	*7.10E-02*	*3.76E+01*	*3.76E+01*	***2.83E+01***	*	*2.83E+01*	---	---	---	---
Silver	*1.40E-02*	*2.05E+01*	*2.05E+01*	***3.84E+00***	*	*3.84E+00*	---	---	---	---
Thallium	*1.00E-01*	*4.40E+01*	*4.40E+01*	***8.80E-02***	*	*1.32E-01*	---	---	---	*8.80E-02*
Tin	*1.00E+00*	---	---		*	---	---	---	---	---
Antimony	*1.00E-01*	*3.43E+01*	*3.43E+01*	***2.06E-01***	*	*5.15E-01*	---	---	---	*2.06E-01*
Arsenic	*1.00E-01*	*1.92E+01*	*1.92E+01*	***9.36E-03***	*	*9.36E-03*	---	---	---	*9.60E-01*
Barium	*1.04E+00*	*2.78E+01*	*2.78E+01*	***5.57E+01***	*	*7.31E+01*	---	---	---	*5.57E+01*
Beryllium	*1.00E-02*	*1.04E+02*	*1.04E+02*	***4.16E-01***	*	*7.81E+00*	---	---	---	*4.16E-01*
Cadmium	*1.00E-02*	*3.00E+01*	*3.00E+01*	***1.50E-01***	*	*5.63E-01*	---	---	---	*1.50E-01*
Chromium	*5.10E-02*	*3.85E+03*	*3.85E+03*	***3.85E+02***	*	*2.17E+05*	---	---	---	*3.85E+02*

Legend

Red=	Waste concentration greater than 1% chemical
Orange=	Waste concentration is a detection limit
* =	Waste concentration is a detection limit
Blue =	Maximum allowable concentration

Table 2d. Maximum Allowable TCLP Concentrations – Groundwater Exposure Pathways

Chemical Name Risk Factor = 1.00E-05 HQ Factor = 1.00E+00 * = Detection Limit	Waste Stream TCLP Concentration (mg/L)	Dilution Attenuation Factor (DAF)	Waste Volume Adjusted DAF	Maximum Allowable Concentration (mg/L)	DL	Max. Allowable Concentration Based on Groundwater Ingestion Pathway	Max. Allowable Concentration Based on Groundwater Inhalation Pathway	Max. Allowable Concentration Based on Adult Groundwater Dermal Absorption Pathway	Max. Allowable Concentration Based on Child Groundwater Dermal Absorption Pathway	Max. Allowable Concentration Based on MCL
Cobalt	*2.10E-02*	---	---		*	---	---	---	---	---
Copper	*1.40E-02*	*7.01E+03*	*7.01E+03*	*9.11E+03*	*	*1.05E+04*	---	---	---	*9.11E+03*
Vanadium	*1.00E-01*	*8.03E+01*	*8.03E+01*	*2.11E+01*	*	*2.11E+01*	---	---	---	---
Zinc	*1.44E+00*	*2.49E+01*	*2.49E+01*	*2.80E+02*	*	*2.80E+02*	---	---	---	---
Methyl bromide (Bromomethane)	*5.00E-02*	*7.60E+03*	*7.60E+03*	*3.99E+02*	*	*3.99E+02*	*6.03E+02*	*1.44E+04*	*6.60E+03*	---
Methyl chloride (Chloromethane)	*5.00E-02*	---	---		*	---	---	---	---	---
Methylene bromide	*5.00E-02*	*1.90E+01*	*1.90E+01*	*7.13E+00*	*	*7.13E+00*	---	*2.24E+02*	*1.03E+02*	---
Choroethane	3.02E-01	1.80E+01	1.80E+01	**4.54E+00**		4.54E+00	1.65E+01	---	---	---
Vinyl chloride	1.00E-01	1.90E+01	1.90E+01	**9.26E-03**		9.26E-03	6.23E-01	2.04E-01	4.68E-01	3.80E-02
Acetonitrile	*1.00E-01*	*1.90E+01*	*1.90E+01*	*1.66E+02*	*	---	*1.66E+02*	---	---	---
Methylene chloride	*2.50E-01*	*1.80E+01*	*1.80E+01*	*9.00E-02*	*	*4.05E+01*	*2.52E+02*	*1.21E+03*	*5.56E+02*	*9.00E-02*
Carbon disulfide	*2.50E-01*	*1.90E+01*	*1.90E+01*	*7.13E+01*	*	*7.13E+01*	*2.03E+02*	*6.07E+02*	*2.79E+02*	---
Bromoform (Tribromomethane)	*5.00E-02*	*1.80E+01*	*1.80E+01*	*1.67E+00*	*	*1.67E+00*	*6.50E+00*	*3.44E+01*	*7.89E+01*	*1.80E+00*

Legend

Red=	**Waste concentration greater than 1% chemical**
Orange=	**Waste concentration is a detection limit**
*** =**	**Waste concentration is a detection limit**
Blue =	**Maximum allowable concentration**

Table 2d. Maximum Allowable TCLP Concentrations – Groundwater Exposure Pathways

Chemical Name Risk Factor = 1.00E-05 HQ Factor = 1.00E+00 * = Detection Limit	Waste Stream TCLP Concentration (mg/L)	Dilution Attenuation Factor (DAF)	Waste Volume Adjusted DAF	Maximum Allowable Concentration (mg/L)	DL	Max. Allowable Concentration Based on Groundwater Ingestion Pathway	Max. Allowable Concentration Based on Groundwater Inhalation Pathway	Max. Allowable Concentration Based on Adult Groundwater Dermal Absorption Pathway	Max. Allowable Concentration Based on Child Groundwater Dermal Absorption Pathway	Max. Allowable Concentration Based on MCL
Bromodichloromethane	*5.00E-02*	*1.80E+01*	*1.80E+01*	*2.12E-01*	*	*2.12E-01*	*3.23E-01*	*3.58E+00*	*8.22E+00*	---
Dichloroethane, 1,1-	1.20E-01	1.00E+00	1.00E+00	**3.75E+00**		3.75E+00	8.34E+00	5.16E+01	2.37E+01	---
Trichlorofluoromethane	*5.00E-02*	*1.90E+01*	*1.90E+01*	*6.37E+01*	*	*2.14E+02*	*6.37E+01*	*1.18E+03*	*5.40E+02*	---
Dichlorodifluoromethane	*5.00E-02*	*1.90E+01*	*1.90E+01*	*6.54E+01*	*	*1.43E+02*	*6.54E+01*	*1.24E+03*	*5.70E+02*	---
Pentachloroethane	*5.00E-02*	*2.40E+01*	*2.40E+01*		*	---	---	---	---	---
Heptachlor	*1.00E-03*	*5.00E+10*	*5.00E+10*	*6.54E+05*	*	*8.12E+06*	*4.73E+08*	*6.54E+05*	*1.50E+06*	*2.00E+07*
Hexachlorocyclopentadiene	*5.00E-03*	*3.33E+06*	*3.33E+06*	*4.41E+03*	*	*7.51E+05*	*4.41E+03*	*9.70E+04*	*4.45E+04*	*1.67E+05*
Selenium	*1.00E-01*	*1.16E+01*	*1.16E+01*	*5.80E-01*	*	*2.18E+00*	---	---	---	*5.80E-01*
Isophorone	*5.00E-03*	*1.80E+01*	*1.80E+01*	*1.39E+01*	*	*1.39E+01*	*6.88E+02*	*3.74E+02*	*8.60E+02*	---
Isobutyl alcohol	*5.00E+00*	*1.90E+01*	*1.90E+01*	*2.14E+02*	*	*2.14E+02*	---	*1.35E+04*	*6.18E+03*	---
Methyl ethyl ketone	5.40E+00	1.90E+01	1.90E+01	**4.28E+02**		4.28E+02	1.96E+03	5.75E+04	2.64E+04	---
Trichloroethylene	*5.00E-02*	*1.90E+01*	*1.90E+01*	*9.50E-02*	*	*4.28E+00*	---	*6.24E+00*	*2.79E+00*	*9.50E-02*
Tetrachloroethane, 1,1,2,2-	*5.00E-02*	*3.75E+02*	*3.75E+02*	*1.37E+00*	*	*1.37E+00*	*3.01E+00*	*1.48E+01*	*3.39E+01*	---
Methyl methacrylate	*5.00E-02*	*6.10E+01*	*6.10E+01*	*1.08E+03*	*	*3.21E+03*	*1.08E+03*	*8.59E+04*	*3.94E+04*	---

Legend

Red=	Waste concentration greater than 1% chemical
Orange=	Waste concentration is a detection limit
* =	Waste concentration is a detection limit
Blue =	Maximum allowable concentration

Table 2d. Maximum Allowable TCLP Concentrations – Groundwater Exposure Pathways

Chemical Name Risk Factor = 1.00E-05 HQ Factor = 1.00E+00 * = Detection Limit	Waste Stream TCLP Concentration (mg/L)	Dilution Attenuation Factor (DAF)	Waste Volume Adjusted DAF	Maximum Allowable Concentration (mg/L)	DL	Max. Allowable Concentration Based on Groundwater Ingestion Pathway	Max. Allowable Concentration Based on Groundwater Inhalation Pathway	Max. Allowable Concentration Based on Adult Groundwater Dermal Absorption Pathway	Max. Allowable Concentration Based on Child Groundwater Dermal Absorption Pathway	Max. Allowable Concentration Based on MCL
Pentachloronitrobenzene (PCNB)	*2.00E-02*	*1.80E+01*	*1.80E+01*	*3.40E-02*	*	*5.06E-02*	*1.00E-01*	*3.40E-02*	*7.80E-02*	---
Acenaphthene	*5.00E-03*	*1.90E+01*	*1.90E+01*	*1.25E+01*	*	*4.28E+01*	---	*2.73E+01*	*1.25E+01*	---
Diethyl phthalate	1.70E-02	2.30E+01	2.30E+01	**6.91E+02**		6.91E+02	---	7.07E+03	3.25E+03	---
Di-n-butyl phthalate	1.70E-02	2.00E+01	2.00E+01	**1.65E+01**		7.51E+01	---	3.60E+01	1.65E+01	---
Phenanthrene	*5.00E-03*	*1.80E+01*	*1.80E+01*		*	---	---	---	---	---
Butylbenzylphthalate	*5.00E-03*	*2.00E+01*	*2.00E+01*	*2.90E+01*	*	*1.50E+02*	---	*6.32E+01*	*2.90E+01*	---
N-Nitrosodiphenylamine	2.10E-02	1.80E+01	1.80E+01	**2.69E+00**		2.69E+00	8.47E+02	1.00E+01	2.30E+01	---
Fluorene	*5.00E-03*	*1.90E+01*	*1.90E+01*	*5.55E+00*	*	*2.85E+01*	---	*1.21E+01*	*5.55E+00*	---
Dichlorophenol 2,6-	*5.00E-03*	*1.80E+01*	*1.80E+01*		*	---	---	---	---	---
Hexachloro-1,3-butadiene	*5.00E-03*	*1.80E+01*	*1.80E+01*	*1.87E-02*	*	*1.35E-01*	---	*4.08E-02*	*1.87E-02*	---
Pentachlorophenol	*2.00E-02*	*1.80E+01*	*1.80E+01*	*1.80E-02*	*	*2.03E+01*	---	*4.01E+00*	*1.84E+00*	*1.80E-02*
nitroaniline 2-	*2.00E-02*	*1.80E+01*	*1.80E+01*	*1.37E+02*	*	---	*1.37E+02*	---	---	---
Nitrophenol 2-	*5.00E-03*	*1.80E+01*	*1.80E+01*		*	---	---	---	---	---
Butyl-4,6-dinitrophenol, 2-sec- (Dinoseb)	*5.00E-03*	*1.90E+01*	*1.90E+01*	*1.33E-01*	*	*7.13E-01*	---	*2.91E+00*	*1.34E+00*	*1.33E-01*

Legend

Red= Waste concentration greater than 1% chemical
Orange= Waste concentration is a detection limit
*** =** Waste concentration is a detection limit
Blue = Maximum allowable concentration

Table 2d. Maximum Allowable TCLP Concentrations – Groundwater Exposure Pathways

Chemical Name Risk Factor = 1.00E-05 HQ Factor = 1.00E+00 * = Detection Limit	Waste Stream TCLP Concentration (mg/L)	Dilution Attenuation Factor (DAF)	Waste Volume Adjusted DAF	Maximum Allowable Concentration (mg/L)	DL	Max. Allowable Concentration Based on Groundwater Ingestion Pathway	Max. Allowable Concentration Based on Groundwater Inhalation Pathway	Max. Allowable Concentration Based on Adult Groundwater Dermal Absorption Pathway	Max. Allowable Concentration Based on Child Groundwater Dermal Absorption Pathway	Max. Allowable Concentration Based on MCL
Naphthalene	8.10E-03	1.90E+01	1.90E+01	**1.30E+00**		1.43E+01	1.30E+00	1.84E+01	8.45E+00	---
Methylnapthalene 2-	*5.00E-03*	*1.80E+01*	*1.80E+01*		*	---	---	---	---	---
Naphthylamine	*1.00E-02*	*1.90E+01*	*1.90E+01*		*	---	---	---	---	---
Naphthylamine	*5.00E-02*	*1.90E+01*	*1.90E+01*		*	---	---	---	---	---
Dichlorobenzidine, 3,3'-	*2.00E-02*	*1.80E+01*	*1.80E+01*	*2.92E-02*	*	*2.92E-02*	*4.44E+02*	*9.08E-02*	*2.08E-01*	---
Nitrosodi-n-butylamine	*2.00E-02*	*1.80E+01*	*1.80E+01*	*2.44E-03*	*	*2.44E-03*	*1.56E-02*	*2.29E-02*	*5.25E-02*	---
N-Nitrosopyrrolidine	*2.00E-02*	*1.80E+01*	*1.80E+01*	*6.27E-03*	*	*6.27E-03*	*1.54E+02*	*2.85E+00*	*6.55E+00*	---
Trichlorophenoxypropionic acid, 2,4,5- (Silvex)	*5.00E-03*	*1.90E+01*	*1.90E+01*	*9.50E-01*	*	*5.71E+00*	---	*1.90E+01*	*8.73E+00*	*9.50E-01*
Trichlorophenoxyacetic acid, 2,4,5- (245-T)	*5.00E-03*	*1.90E+01*	*1.90E+01*	*7.13E+00*	*	*7.13E+00*	---	*2.40E+01*	*1.10E+01*	---
Safrole	*1.00E-02*	*1.80E+01*	*1.80E+01*		*	---	---	---	---	---
Dichlorophenoxyacetic acid, 2,4- (2,4-D)	*5.00E-03*	*1.90E+01*	*1.90E+01*	*1.33E+00*	*	*7.13E+00*	---	*5.14E+01*	*2.36E+01*	*1.33E+00*
Dichlorobenzene, 1,2-	*5.00E-03*	*1.90E+01*	*1.90E+01*	*1.14E+01*	*	*6.42E+01*	*7.03E+01*	*8.47E+01*	*3.89E+01*	*1.14E+01*
Toluidine, o-	2.00E-01	1.80E+01	1.80E+01	**5.48E-02**		5.48E-02	6.77E+00	2.15E+00	4.93E+00	---

Legend

Red= Waste concentration greater than 1% chemical
Orange= Waste concentration is a detection limit
* = Waste concentration is a detection limit
Blue = Maximum allowable concentration

Table 2d. Maximum Allowable TCLP Concentrations – Groundwater Exposure Pathways

Chemical Name Risk Factor = 1.00E-05 HQ Factor = 1.00E+00 * = Detection Limit	Waste Stream TCLP Concentration (mg/L)	Dilution Attenuation Factor (DAF)	Waste Volume Adjusted DAF	Maximum Allowable Concentration (mg/L)	DL	Max. Allowable Concentration Based on Groundwater Ingestion Pathway	Max. Allowable Concentration Based on Groundwater Inhalation Pathway	Max. Allowable Concentration Based on Adult Groundwater Dermal Absorption Pathway	Max. Allowable Concentration Based on Child Groundwater Dermal Absorption Pathway	Max. Allowable Concentration Based on MCL
Tetrachlorobenzene, 1,2,4,5-	*1.00E-02*	*1.90E+01*	*1.90E+01*	*2.94E-02*	*	*2.14E-01*	---	*6.41E-02*	*2.94E-02*	---
Dibromo-3-chloropropane, 1,2-	*5.00E-02*	*2.10E+01*	*2.10E+01*	*4.20E-03*	*	---	*1.39E-01*	---	---	*4.20E-03*
Trichloropropane, 1,2,3-	*5.00E-02*	*2.30E+01*	*2.30E+01*	*2.40E-03*	*	*2.40E-03*	*5.21E-03*	*2.83E-02*	*6.49E-02*	---
Ethyl methacrylate	*5.00E-02*	*3.80E+01*	*3.80E+01*	*1.28E+02*	*	*1.28E+02*	---	*2.72E+03*	*1.25E+03*	---
Acetophenone	*1.00E-02*	*1.90E+01*	*1.90E+01*	*7.13E+01*	*	*7.13E+01*	---	*1.48E+03*	*6.78E+02*	---
Nitrobenzene	*5.00E-03*	*1.90E+01*	*1.90E+01*	*3.57E-01*	*	*3.57E-01*	---	*5.42E+00*	*2.49E+00*	---
Nitroaniline 3-	*2.00E-02*	*1.80E+01*	*1.80E+01*	*2.03E+00*	*	*2.03E+00*	---	*7.31E+01*	*3.36E+01*	---
Dinitrobenzene, 1,3-	*5.00E-03*	*1.90E+01*	*1.90E+01*	*7.13E-02*	*	*7.13E-02*	---	*2.55E+00*	*1.17E+00*	---

Legend

Red=	Waste concentration greater than 1% chemical
Orange=	Waste concentration is a detection limit
* =	Waste concentration is a detection limit
Blue =	Maximum allowable concentration

Table 2e. Surface Pathway Hazard Quotient

		Petitioned Waste Non-carcinogenic Hazard Quotient - Surface Water Exposure Pathways					
Chemical Name	**Waste Stream Total Concentration (mg/Kg)**	**Surface Water Ingestion Pathway**	**Air Particulate Inhalation Pathway**	**Fish Ingestion Pathway**	**Soil Ingestion Pathway**	**Air Volatile Inhalation Pathway**	**Surface Pathway Aggregate Hazard Quotient**
Antimony	*1.00E-01*	*6.30E-08*	---	*6.49E-08*	*1.01E-06*	---	*1.14E-06*
Tin	*1.00E+00*	*4.20E-10*	---	*4.33E-10*	*6.75E-09*	---	*7.60E-09*
Vanadium	*1.00E-01*	*3.60E-09*	---	*3.71E-09*	*5.78E-08*	---	*6.51E-08*
Dioxane, 1,4-	8.30E+00	---	---	---	---	---	---
Ethylbenzene	*5.00E-02*	*1.26E-10*	*4.97E-11*	*1.30E-10*	*2.02E-09*	*6.34E-10*	*2.96E-09*
Benzo (ghi) perylene	*5.00E-03*	---	---	---	---	---	---
Chloroform	*5.00E-02*	*1.26E-09*	---	*1.30E-09*	*2.02E-08*	---	*2.28E-08*
Benzo(k)fluoranthene	*5.00E-03*	---	---	---	---	---	---
Isobutyl alcohol	*5.00E+00*	*4.20E-09*	---	*4.33E-09*	*6.75E-08*	---	*7.60E-08*
Methylene chloride	*2.50E-01*	*1.05E-09*	*8.29E-11*	*1.08E-09*	*1.69E-08*	*3.79E-08*	*5.70E-08*
Styrene	*5.00E-02*	*6.30E-11*	*1.42E-11*	*6.49E-11*	*1.01E-09*	*1.20E-10*	*1.27E-09*
Methyl chloride (Chloromethane)	*5.00E-02*	---	*4.73E-11*	---	---	*2.25E-07*	*2.25E-07*
Choroethane	5.00E-02	6.30E-11	2.84E-12	6.49E-11	1.01E-09	4.74E-07	4.75E-07
Dichloropropene, cis-1,3-	*5.00E-02*	---	---	---	---	---	---
Ethylene Dibromide	*1.00E-01*	---	*1.42E-07*	---	---	*7.37E-07*	*8.79E-07*
Dinitrophenol, 2,4-	*2.00E-02*	*2.52E-09*	---	*1.37E-09*	*4.05E-08*	---	*4.44E-08*
Parathion	*2.00E-02*	*8.40E-10*	---	*8.61E-10*	*1.35E-08*	---	*1.52E-08*
nitroaniline 2-	*2.00E-02*	---	*2.84E-08*	---	---	*3.90E-10*	*2.88E-08*
Nitroaniline 3-	*2.00E-02*	*1.68E-09*	---	*1.73E-09*	*2.70E-08*	---	*3.04E-08*
Nitroaniline 4-	*2.00E-02*	*1.68E-09*	---	*1.73E-09*	*2.70E-08*	---	*3.04E-08*
Nitrobenzene	*5.00E-03*	*2.52E-09*	---	*2.60E-09*	*4.05E-08*	---	*4.56E-08*
Nitrophenol 2-	*5.00E-03*	---	---	---	---	---	---
Nitroquinoline-1-oxide 4-	*5.00E-01*	---	---	---	---	---	---
Dichloroethylene, trans-1,2-	1.20E-01	3.02E-09	---	3.12E-09	4.86E-08	---	5.47E-08
Methyl ethyl ketone	5.40E+00	4.54E-09	3.07E-09	4.67E-09	7.29E-08	2.74E-07	3.59E-07
Methyl isobutyl ketone	*2.50E+00*	*7.88E-09*	---	*8.12E-09*	*1.27E-07*	---	*1.43E-07*
Dimethoate	*2.00E-02*	*2.52E-08*	---	*2.60E-08*	*4.05E-07*	---	*4.56E-07*
Dimethyl phthalate	*5.00E-03*	*1.26E-13*	---	*1.30E-13*	*2.02E-12*	---	*2.28E-12*
Dimethylbenz(a)anthracene, 7,12-	*1.00E-02*	---	---	---	---	---	---
Heptachlor	*1.00E-03*	*5.04E-10*	---	*4.12E-06*	*8.10E-09*	---	*4.13E-06*
Heptachlor epoxide	*1.00E-03*	*1.94E-08*	---	*6.95E-05*	*3.11E-07*	---	*6.98E-05*
Naphthylamine	*5.00E-02*	---	---	---	---	---	---
Acenaphthene	*5.00E-03*	*2.10E-11*	---	*2.15E-11*	*3.37E-10*	---	*3.80E-10*
Kepone	*5.00E-03*	---	---	---	---	---	---
Pentachlorobenzene	*5.00E-03*	*1.58E-09*	---	*5.70E-05*	*2.53E-08*	---	*5.70E-05*
Pentachloroethane	*5.00E-02*	---	---	---	---	---	---
Pentachloronitrobenzene (PCNB)	*2.00E-02*	*1.68E-09*	---	*8.01E-07*	*2.70E-08*	---	*8.30E-07*

Legend

Red= Waste concentration greater than 1% chemical
Orange= Waste concentration is a detection limit
* = Waste concentration is a detection limit
Blue = Maximum allowable concentration

Table 2e. Surface Pathway Hazard Quotient

Chemical Name	Waste Stream Total Concentration (mg/Kg)	Surface Water Ingestion Pathway	Air Particulate Inhalation Pathway	Fish Ingestion Pathway	Soil Ingestion Pathway	Air Volatile Inhalation Pathway	Surface Pathway Aggregate Hazard Quotient
Butylbenzylphthalate	5.00E-03	6.30E-12	---	1.51E-08	1.01E-10	---	1.52E-08
Chlordane	1.00E-03	5.04E-10	4.06E-10	1.52E-04	8.10E-09	8.87E-15	1.52E-04
Tetrachloroethane, 1,1,2,2-	5.00E-02	2.10E-10	---	9.37E-07	3.37E-09	---	9.41E-07
Methoxychlor	1.00E-03	5.04E-11	---	1.53E-07	8.10E-10	---	1.54E-07
Trichlorophenoxyacetic acid, 2,4,5- (245-T)	5.00E-03	1.26E-10	---	1.30E-10	2.02E-09	---	2.28E-09
Dichlorodifluoromethane	5.00E-02	6.30E-11	7.10E-11	6.49E-11	1.01E-09	5.44E-07	5.45E-07
Dichloropropene, trans-1,3-	5.00E-02	---	---	---	---	---	---
Trichloroethane, 1,1,1-	5.00E-02	3.60E-10	4.97E-11	3.71E-10	5.78E-09	1.07E-08	1.73E-08
Endosulfan	1.00E-03	4.20E-11	---	4.32E-11	6.75E-10	---	7.60E-10
Dinitrotoluene, 2,6-	5.00E-03	1.26E-09	---	1.30E-09	2.02E-08	---	2.28E-08
Dinitrotoluene, 2,4-	5.00E-03	6.30E-10	---	6.49E-10	1.01E-08	---	1.14E-08
Diphenylamine	1.00E-02	1.01E-10	---	1.04E-10	1.62E-09	---	1.82E-09
Disulfoton	2.00E-02	1.26E-07	---	1.30E-07	2.02E-06	---	2.28E-06
Dibromo-3-chloropropane, 1,2-	5.00E-02	---	7.10E-08	---	---	3.83E-08	1.09E-07
Hexachloropropene	5.00E-02	---	---	---	---	---	---
Dimethylbenzidine, 3,3'-	5.00E-02	---	---	---	---	---	---
Dimethylphenol, 2,4-	3.40E-02	8.57E-10	---	8.83E-10	1.38E-08	---	1.55E-08
Indeno(1,2,3-cd) pyrene	5.00E-03	---	---	---	---	---	---
Methacrylonitrile	5.00E-01	1.26E-06	2.03E-07	1.30E-06	2.02E-05	1.23E-05	3.53E-05
Pentachlorophenol	2.00E-02	1.68E-10	---	6.87E-08	2.70E-09	---	7.16E-08
Ethyl methacrylate	5.00E-02	1.40E-10	---	1.44E-10	2.25E-09	---	2.53E-09
Zinc	1.44E+00	1.21E-09	---	1.25E-09	1.94E-08	---	2.19E-08
Arsenic	1.00E-01	8.40E-08	---	8.65E-08	1.35E-06	---	1.52E-06
Barium	1.04E+00	3.74E-09	5.91E-07	3.86E-09	6.01E-08	---	6.59E-07
Beryllium	1.00E-02	1.26E-09	1.42E-07	1.29E-09	2.02E-08	---	1.65E-07
Mercury	2.00E-04	5.04E-10	6.61E-10	2.41E-04	8.10E-09	4.84E-13	2.41E-04
Benzyl alcohol	5.00E-02	4.20E-11	---	4.33E-11	6.75E-10	---	7.60E-10
Phenacetin	1.00E-02	---	---	---	---	---	---
Pronamide	1.00E-02	3.36E-11	---	3.46E-11	5.40E-10	---	6.08E-10
Pyrene	5.00E-03	4.20E-11	---	4.85E-07	6.75E-10	---	4.86E-07
Cadmium	1.00E-02	5.04E-09	---	5.19E-09	8.10E-08	---	9.12E-08
Dinitromethylphenol, 4,6-,2-	2.00E-02	5.04E-08	---	5.19E-08	8.10E-07	---	9.12E-07
Dinitrobenzene, 1,3-	5.00E-03	1.26E-08	---	1.30E-08	2.02E-07	---	2.28E-07
Ethyl methanesulfonate	1.00E-02	---	---	---	---	---	---
Fluoranthene	5.00E-03	3.15E-11	---	2.99E-09	5.06E-10	---	3.52E-09
Pyridine	1.00E-02	2.52E-09	---	2.60E-09	4.05E-08	---	4.56E-08
Safrole	1.00E-02	---	---	---	---	---	---
Tetrachloroethane, 1,1,1,2-	5.00E-02	4.20E-10	---	4.33E-10	6.75E-09	---	7.60E-09
Hexachloroethane	5.00E-03	1.26E-09	---	1.30E-09	2.02E-08	---	2.28E-08

Legend

Red=	Waste concentration greater than 1% chemical
Orange=	Waste concentration is a detection limit
* =	Waste concentration is a detection limit
Blue =	Maximum allowable concentration

Table 2e. Surface Pathway Hazard Quotient

Chemical Name	Waste Stream Total Concentration (mg/Kg)	Surface Water Ingestion Pathway	Air Particulate Inhalation Pathway	Fish Ingestion Pathway	Soil Ingestion Pathway	Air Volatile Inhalation Pathway	Surface Pathway Aggregate Hazard Quotient
Tetraethyl dithiopyrophosphate (Sulfotep)	*2.00E-02*	*1.01E-08*	---	*1.03E-08*	*1.62E-07*	---	*1.82E-07*
Chromium	*5.10E-02*	*8.57E-12*	---	*3.92E-13*	*1.38E-10*	---	*1.47E-10*
Cobalt	*2.10E-02*	*8.82E-11*	---	*9.09E-11*	*1.42E-09*	---	*1.60E-09*
Tetrachlorobenzene, 1,2,4,5-	*1.00E-02*	*8.40E-09*	---	*3.70E-05*	*1.35E-07*	---	*3.72E-05*
Toluidine, o-	2.00E-01	---	---	---	---	---	---
Bis(2-chlorethyl)ether	*5.00E-03*	---	---	---	---	---	---
Bis (2-Chloroisopropyl) ether	*5.00E-03*	*3.15E-11*	---	*3.25E-11*	*5.06E-10*	---	*5.70E-10*
Cyanide	*8.00E-03*	*1.01E-10*	---	*1.04E-10*	*1.62E-09*	---	*1.82E-09*
Copper	*1.40E-02*	*8.82E-11*	---	*9.09E-11*	*1.42E-09*	---	*1.60E-09*
Lead	*5.30E-02*	---	---	---	---	---	---
Nickel	*7.10E-02*	*8.95E-10*	---	*9.21E-10*	*1.44E-08*	---	*1.62E-08*
Aldrin	*1.00E-03*	*8.40E-09*	*2.71E-09*	*4.83E-03*	*1.35E-07*	*3.95E-14*	*4.83E-03*
Hexachlorocyclohexane, alpha- (alpha-BHC)	*1.00E-03*	---	---	---	---	---	---
Hexachlorocyclohexane, beta- (beta-BHC)	*1.00E-03*	---	---	---	---	---	---
Chlorobenzilate	*1.00E-02*	*1.26E-10*	---	*2.63E-07*	*2.02E-09*	---	*2.65E-07*
Bis(2-ethylhexyl)phthalate	1.39E-02	3.50E-10	---	3.28E-10	5.63E-09	---	6.31E-09
Vinyl acetate	*5.00E-01*	*1.26E-10*	*7.10E-10*	*1.30E-10*	*2.02E-09*	*1.11E-07*	*1.14E-07*
Vinyl chloride	1.00E-01	1.68E-08	5.68E-10	1.73E-08	2.70E-07	1.83E-06	2.13E-06
Bis (2-Chloroethoxy) methane	*5.00E-03*	---	---	---	---	---	---
DDD	*1.00E-03*	---	---	---	---	---	---
DDE	*1.00E-03*	---	---	---	---	---	---
DDT	*1.00E-03*	*5.04E-10*	---	*1.39E-04*	*8.10E-09*	---	*1.39E-04*
Diallate	*5.00E-02*	---	---	---	---	---	---
Xylenes (total)	1.80E-01	4.54E-11	---	4.67E-11	7.29E-10	---	8.21E-10
Phenylenediamine, m-	*1.00E-02*	*4.20E-10*	---	*4.33E-10*	*6.75E-09*	---	*7.60E-09*
Tetrachlorophenol, 2,3,4,6-	*5.00E-02*	*4.20E-10*	---	*7.05E-07*	*6.75E-09*	---	*7.13E-07*
Dieldrin	*1.00E-03*	*5.04E-09*	---	*1.45E-04*	*8.10E-08*	---	*1.45E-04*
Endrin	*1.00E-03*	*8.40E-10*	---	*7.33E-06*	*1.35E-08*	---	*7.34E-06*
Hexachlorocyclohexane, gamma- (Lindane)	*1.00E-03*	*8.40E-10*	---	*8.62E-10*	*1.35E-08*	---	*1.52E-08*
Trichlorophenoxypropionic acid, 2,4,5- (Silvex)	*5.00E-03*	*1.58E-10*	---	*1.62E-10*	*2.53E-09*	---	*2.85E-09*
Dichlorophenoxyacetic acid, 2,4- (2,4-D)	*5.00E-03*	*1.26E-10*	---	*1.30E-10*	*2.02E-09*	---	*2.28E-09*
Butyl-4,6-dinitrophenol, 2-sec- (Dinoseb)	*5.00E-03*	*1.26E-09*	---	*1.30E-09*	*2.02E-08*	---	*2.28E-08*
Methylnapthalene 2-	*5.00E-03*	---	---	---	---	---	---
Fluorene	*5.00E-03*	*3.15E-11*	---	*2.87E-09*	*5.06E-10*	---	*3.41E-09*

Legend

Red= Waste concentration greater than 1% chemical
Orange= Waste concentration is a detection limit
* = Waste concentration is a detection limit
Blue = Maximum allowable concentration

Table 2e. Surface Pathway Hazard Quotient

Chemical Name	Waste Stream Total Concentration (mg/Kg)	Surface Water Ingestion Pathway	Air Particulate Inhalation Pathway	Fish Ingestion Pathway	Soil Ingestion Pathway	Air Volatile Inhalation Pathway	Surface Pathway Aggregate Hazard Quotient
Hexachlorobenzene	5.00E-03	1.58E-09	---	8.36E-05	2.53E-08	---	8.36E-05
Hexachloro-1,3-butadiene	5.00E-03	6.30E-09	---	3.67E-05	1.01E-07	---	3.68E-05
Naphthalene	8.10E-03	2.04E-10	1.53E-09	2.10E-10	3.28E-09	1.73E-10	5.40E-09
Naphthaquinone 1,4-	1.00E+00	---	---	---	---	---	---
Naphthylamine	1.00E-02	---	---	---	---	---	---
Methylene bromide	5.00E-02	1.26E-09	---	1.30E-09	2.02E-08	---	2.28E-08
Tetrachloroethylene	5.00E-02	1.26E-09	---	1.30E-09	2.02E-08	---	2.28E-08
Dichlorobenzene, 1,4-	5.00E-03	---	1.78E-12	---	---	1.91E-12	3.69E-12
Dichlorobenzidine, 3,3'-	2.00E-02	---	---	---	---	---	---
Dichlorophenol, 2,4-	5.00E-03	4.20E-10	---	4.33E-10	6.75E-09	---	7.60E-09
Toluene	1.10E+00	2.77E-09	---	2.86E-09	4.45E-08	---	5.02E-08
Acetone	2.50E+00	6.30E-09	---	6.49E-09	1.01E-07	---	1.14E-07
Acetonitrile	1.00E-01	---	4.73E-10	---	---	3.86E-08	3.91E-08
Acrolein	2.50E-01	3.15E-09	3.55E-06	3.25E-09	5.06E-08	9.76E-04	9.79E-04
Acrylonitrile	5.00E-02	1.26E-08	7.10E-09	1.30E-08	2.02E-07	8.06E-07	1.04E-06
Dichlorophenol 2,6-	5.00E-03	---	---	---	---	---	---
Diethyl phthalate	1.70E-02	1.07E-11	---	2.70E-08	1.72E-10	---	2.72E-08
Allyl chloride	1.00E-01	5.04E-10	2.84E-08	5.19E-10	8.10E-09	1.06E-03	1.06E-03
Nitrosodimethylamine	5.00E-03	---	---	---	---	---	---
Isophorone	5.00E-03	6.30E-12	---	6.49E-12	1.01E-10	---	1.14E-10
Methyl parathion	2.00E-02	2.02E-08	---	2.08E-08	3.24E-07	---	3.65E-07
Methylcholanthrene, 3-	5.00E-02	---	---	---	---	---	---
Hexachlorocyclopentadiene	5.00E-03	2.10E-10	2.03E-08	1.13E-07	3.37E-09	1.09E-09	1.38E-07
N-Nitrosodiphenylamine	2.10E-02	---	---	---	---	---	---
N-Nitrosomethylethylamine	5.00E-03	---	---	---	---	---	---
Nitrosomorpholine N-	2.00E-02	---	---	---	---	---	---
N-Nitrosopiperidine	2.00E-02	---	---	---	---	---	---
Methyl methacrylate	5.00E-02	9.00E-12	2.03E-11	9.27E-12	1.45E-10	1.02E-09	1.20E-09
Benzene	2.50E-01	6.30E-08	7.89E-09	6.49E-08	1.01E-06	1.15E-06	2.30E-06
Bromoform (Tribromomethane)	5.00E-02	6.30E-10	---	6.49E-10	1.01E-08	---	1.14E-08
Methyl bromide (Bromomethane)	5.00E-02	9.00E-09	2.84E-09	9.27E-09	1.45E-07	5.40E-06	5.57E-06
Carbon disulfide	2.50E-01	6.30E-10	1.01E-10	6.49E-10	1.01E-08	4.57E-08	5.72E-08
N-Nitrosopyrrolidine	2.00E-02	---	---	---	---	---	---
Nitrophenol 4-	2.00E-02	8.13E-11	---	8.38E-11	1.31E-09	---	1.47E-09
Phenanthrene	5.00E-03	---	---	---	---	---	---
Phenol	4.10E-02	3.44E-11	---	3.55E-11	5.53E-10	---	6.23E-10
Carbon tetrachloride	5.00E-02	1.80E-08	---	1.85E-08	2.89E-07	---	3.26E-07
Chlorobenzene	6.70E-02	1.69E-09	6.34E-10	1.74E-09	2.71E-08	9.18E-09	4.04E-08

Legend

Red= Waste concentration greater than 1% chemical
Orange= Waste concentration is a detection limit
*** =** Waste concentration is a detection limit
Blue = Maximum allowable concentration

Table 2e. Surface Pathway Hazard Quotient

Chemical Name	Waste Stream Total Concentration (mg/Kg)	Surface Water Ingestion Pathway	Air Particulate Inhalation Pathway	Fish Ingestion Pathway	Soil Ingestion Pathway	Air Volatile Inhalation Pathway	Surface Pathway Aggregate Hazard Quotient
Chloro-1,3-butadiene, 2- (Chloroprene)	***5.00E-01***	***6.30E-09***	***7.10E-08***	***6.49E-09***	***1.01E-07***	***2.33E-05***	***2.35E-05***
Chlorodibromomethane	***5.00E-02***	***6.30E-10***	---	***6.49E-10***	***1.01E-08***	---	***1.14E-08***
Phorate	***2.00E-02***	***2.52E-08***	---	***2.59E-08***	***4.05E-07***	---	***4.56E-07***
Picoline a-	9.30E-03	---	---	---	---	---	---
Hexachlorophene	1.00E+02	1.68E-04	---	4.10E-01	2.70E-03	---	4.13E-01
Nitrosodi-n-butylamine	***2.00E-02***	---	---	---	---	---	---
N-Nitrosodi-n-propylamine	***5.00E-03***	---	---	---	---	---	---
Bromodichloromethane	***5.00E-02***	***6.30E-10***	---	***6.49E-10***	***1.01E-08***	---	***1.14E-08***
Dichloroethane, 1,1-	1.20E-01	6.05E-10	1.36E-10	6.23E-10	9.72E-09	3.82E-08	4.93E-08
Bromophenyl-phenyl ether 4-	***5.00E-03***	***2.17E-11***	---	***2.95E-07***	***3.49E-10***	---	***2.95E-07***
Di-n-octyl phthalate	***5.00E-03***	***6.30E-11***	---	***3.11E-10***	***1.01E-09***	---	***1.39E-09***
Di-n-butyl phthalate	1.70E-02	8.57E-11	---	4.92E-07	1.38E-09	---	4.93E-07
Dibenz(a,h)anthracene	***5.00E-03***	---	---	---	---	---	---
Dibenzofuran	***5.00E-03***	***3.15E-10***	---	***3.25E-10***	***5.06E-09***	---	***5.70E-09***
Dichlorobenzene, 1,2-	***5.00E-03***	***1.40E-11***	***7.10E-12***	***1.44E-11***	***2.25E-10***	***9.78E-12***	***2.70E-10***
Dichlorobenzene 1,3-	***5.00E-03***	---	***7.10E-09***	---	---	***1.67E-08***	***2.38E-08***
Acenapthylene	***5.00E-03***	---	---	---	---	---	---
Acetophenone	***1.00E-02***	***2.52E-11***	---	***2.60E-11***	***4.05E-10***	---	***4.56E-10***
Aniline	3.80E-02	2.74E-09	---	2.82E-09	4.40E-08	---	4.95E-08
Selenium	***1.00E-01***	***5.04E-09***	---	***5.19E-09***	***8.10E-08***	---	***9.12E-08***
Silver	***1.40E-02***	***7.06E-10***	---	***7.27E-10***	***1.13E-08***	---	***1.28E-08***
Trichloroethylene	***5.00E-02***	***2.10E-09***	---	***2.16E-09***	***3.37E-08***	---	***3.80E-08***
Trichlorofluoromethane	***5.00E-02***	***4.20E-11***	***7.10E-11***	***4.33E-11***	***6.75E-10***	***1.19E-07***	***1.20E-07***
Thallium	***1.00E-01***	***3.15E-07***	---	***3.24E-07***	***5.06E-06***	---	***5.70E-06***
Anthracene	***5.00E-03***	***4.20E-12***	---	***1.10E-08***	***6.75E-11***	---	***1.11E-08***
Aramite	***5.00E-02***	***2.52E-10***	***8.12E-11***	***2.60E-10***	***4.05E-09***	---	***4.64E-09***
Benz(a)anthracene	***5.00E-03***	---	---	---	---	---	---
Chloro-3-methylphenol 4-	***5.00E-03***	---	---	---	---	---	---
Trichloropropane, 1,2,3-	***5.00E-02***	***2.10E-09***	---	***2.16E-09***	***3.37E-08***	---	***3.80E-08***
Benzo(a)pyrene	***5.00E-03***	---	---	---	---	---	---
Benzo(b)fluoranthene	***5.00E-03***	---	---	---	---	---	---
Dichloroethane, 1,2-	***5.00E-02***	---	---	---	---	---	---
All Waste Constituents	---	1.70E-04	4.88E-06	4.16E-01	2.74E-03	2.09E-03	4.21E-01

Legend

Red= **Waste concentration greater than 1% chemical**
Orange= **Waste concentration is a detection limit**
*** =** **Waste concentration is a detection limit**
Blue = **Maximum allowable concentration**

Table 2f. Surface Pathway Risk

		Petitioned Waste Carcinogenic Risk - Surface Water Exposure Pathways					
Chemical Name	**Waste Stream Total Concentration (mg/Kg)**	**Surface Water Ingestion Pathway**	**Air Particulate Inhalation Pathway**	**Fish Ingestion Pathway**	**Soil Ingestion Pathway**	**Air Volatile Inhalation Pathway**	**Surface Pathway Aggregate Cancer Risk**
Antimony	*1.00E-01*	---	---	---	---	---	---
Tin	*1.00E+00*	---	---	---	---	---	---
Vanadium	*1.00E-01*	---	---	---	---	---	---
Dioxane, 1,4-	8.30E+00	2.36E-11	7.95E-12	1.90E-11	8.35E-11	4.10E-10	5.44E-10
Ethylbenzene	*5.00E-02*	---	---	---	---	---	---
Benzo (ghi) perylene	*5.00E-03*	---	---	---	---	---	---
Chloroform	*5.00E-02*	*3.95E-14*	*1.75E-13*	*3.17E-14*	*1.40E-13*	*3.71E-11*	*3.74E-11*
Benzo(k)fluoranthene	*5.00E-03*	*4.73E-14*	*6.75E-15*	*2.19E-11*	*1.67E-13*	*6.53E-24*	*2.21E-11*
Isobutyl alcohol	*5.00E+00*	---	---	---	---	---	---
Methylene chloride	*2.50E-01*	*2.43E-13*	*1.79E-14*	*1.95E-13*	*8.58E-13*	*8.17E-12*	*9.49E-12*
Styrene	*5.00E-02*	---	---	---	---	---	---
Methyl chloride (Chloromethane)	*5.00E-02*	*8.41E-14*	*1.37E-14*	*6.75E-14*	*2.97E-13*	*6.51E-11*	*6.56E-11*
Choroethane	5.00E-02	3.75E-14	1.26E-14	3.01E-14	1.33E-13	2.11E-09	2.11E-09
Dichloropropene, cis-1,3-	*5.00E-02*	*1.13E-12*	*3.81E-13*	*9.09E-13*	*4.00E-12*	*1.26E-11*	*1.90E-11*
Ethylene Dibromide	*1.00E-01*	*1.10E-09*	*3.35E-12*	*8.83E-10*	*3.89E-09*	*1.74E-11*	*5.89E-09*
Dinitrophenol, 2,4-	*2.00E-02*	---	---	---	---	---	---
Parathion	*2.00E-02*	---	---	---	---	---	---
nitroaniline 2-	*2.00E-02*	---	---	---	---	---	---
Nitroaniline 3-	*2.00E-02*	---	---	---	---	---	---
Nitroaniline 4-	*2.00E-02*	---	---	---	---	---	---
Nitrobenzene	*5.00E-03*	---	---	---	---	---	---
Nitrophenol 2-	*5.00E-03*	---	---	---	---	---	---
Nitroquinoline-1-oxide 4-	*5.00E-01*	---	---	---	---	---	---
Dichloroethylene, trans-1,2-	1.20E-01	---	---	---	---	---	---
Methyl ethyl ketone	5.40E+00	---	---	---	---	---	---
Methyl isobutyl ketone	*2.50E+00*	---	---	---	---	---	---
Dimethoate	*2.00E-02*	---	---	---	---	---	---
Dimethyl phthalate	*5.00E-03*	---	---	---	---	---	---
Dimethylbenz(a)anthracene, 7,12-	*1.00E-02*	*3.24E-11*	*1.09E-11*	*6.71E-09*	*1.14E-10*	*1.08E-19*	*6.87E-09*
Heptachlor	*1.00E-03*	*5.83E-13*	*1.98E-13*	*3.71E-09*	*2.06E-12*	*4.53E-17*	*3.71E-09*
Heptachlor epoxide	*1.00E-03*	*1.18E-12*	*3.96E-13*	*3.29E-09*	*4.16E-12*	*1.50E-18*	*3.29E-09*
Naphthylamine	*5.00E-02*	---	---	---	---	---	---
Acenaphthene	*5.00E-03*	---	---	---	---	---	---
Kepone	*5.00E-03*	*1.17E-11*	*3.92E-12*	*1.47E-08*	*4.12E-11*	*7.64E-18*	*1.48E-08*
Pentachlorobenzene	*5.00E-03*	---	---	---	---	---	---
Pentachloroethane	*5.00E-02*	---	---	---	---	---	---
Pentachloronitrobenzene (PCNB)	*2.00E-02*	*6.73E-13*	*2.27E-13*	*2.50E-10*	*2.38E-12*	*4.94E-16*	*2.53E-10*

Legend

Red=	**Waste concentration greater than 1% chemical**
Orange=	**Waste concentration is a detection limit**
*** =**	**Waste concentration is a detection limit**
Blue =	**Maximum allowable concentration**

Table 2f. Surface Pathway Risk

Chemical Name	Waste Stream Total Concentration (mg/Kg)	Surface Water Ingestion Pathway	Air Particulate Inhalation Pathway	Fish Ingestion Pathway	Soil Ingestion Pathway	Air Volatile Inhalation Pathway	Surface Pathway Aggregate Cancer Risk
Butylbenzylphthalate	5.00E-03	---	---	---	---	---	---
Chlordane	1.00E-03	4.53E-14	1.52E-14	1.07E-08	1.60E-13	3.33E-19	1.07E-08
Tetrachloroethane, 1,1,2,2-	5.00E-02	1.29E-12	4.36E-13	4.50E-09	4.57E-12	2.00E-12	4.51E-09
Methoxychlor	1.00E-03	---	---	---	---	---	---
Trichlorophenoxyacetic acid, 2,4,5- (245-T)	5.00E-03	---	---	---	---	---	---
Dichlorodifluoromethane	5.00E-02	---	---	---	---	---	---
Dichloropropene, trans-1,3-	5.00E-02	1.13E-12	3.81E-13	9.09E-13	4.00E-12	1.26E-11	1.90E-11
Trichloroethane, 1,1,1-	5.00E-02	---	---	---	---	---	---
Endosulfan	1.00E-03	---	---	---	---	---	---
Dinitrotoluene, 2,6-	5.00E-03	4.40E-13	1.48E-13	3.53E-13	1.56E-12	7.98E-17	2.50E-12
Dinitrotoluene, 2,4-	5.00E-03	4.40E-13	1.48E-13	3.53E-13	1.56E-12	2.43E-17	2.50E-12
Diphenylamine	1.00E-02	---	---	---	---	---	---
Disulfoton	2.00E-02	---	---	---	---	---	---
Dibromo-3-chloropropane, 1,2-	5.00E-02	9.06E-12	5.27E-15	7.27E-12	3.20E-11	2.84E-15	4.84E-11
Hexachloropropene	5.00E-02	---	---	---	---	---	---
Dimethylbenzidine, 3,3'-	5.00E-02	5.96E-11	2.00E-11	4.78E-11	2.10E-10	6.32E-18	3.38E-10
Dimethylphenol, 2,4-	3.40E-02	---	---	---	---	---	---
Indeno(1,2,3-cd) pyrene	5.00E-03	4.73E-13	6.75E-14	1.06E-09	1.67E-12	8.49E-24	1.06E-09
Methacrylonitrile	5.00E-01	---	---	---	---	---	---
Pentachlorophenol	2.00E-02	3.11E-13	1.05E-13	9.89E-11	1.10E-12	3.93E-17	1.00E-10
Ethyl methacrylate	5.00E-02	---	---	---	---	---	---
Zinc	1.44E+00	---	---	---	---	---	---
Arsenic	1.00E-01	1.94E-11	6.58E-11	1.56E-11	6.86E-11	---	1.69E-10
Barium	1.04E+00	---	---	---	---	---	---
Beryllium	1.00E-02	---	3.66E-12	---	---	---	3.66E-12
Mercury	2.00E-04	---	---	---	---	---	---
Benzyl alcohol	5.00E-02	---	---	---	---	---	---
Phenacetin	1.00E-02	---	---	---	---	---	---
Pronamide	1.00E-02	---	---	---	---	---	---
Pyrene	5.00E-03	---	---	---	---	---	---
Cadmium	1.00E-02	---	2.74E-12	---	---	---	2.74E-12
Dinitromethylphenol, 4,6-,2-	2.00E-02	---	---	---	---	---	---
Dinitrobenzene, 1,3-	5.00E-03	---	---	---	---	---	---
Ethyl methanesulfonate	1.00E-02	3.79E-10	1.28E-10	3.04E-10	1.34E-09	5.39E-11	2.21E-09
Fluoranthene	5.00E-03	---	---	---	---	---	---
Pyridine	1.00E-02	---	---	---	---	---	---
Safrole	1.00E-02	---	---	---	---	---	---
Tetrachloroethane, 1,1,1,2-	5.00E-02	1.68E-13	5.66E-14	1.35E-13	5.95E-13	6.10E-13	1.56E-12
Hexachloroethane	5.00E-03	9.06E-15	3.05E-15	7.26E-15	3.20E-14	1.01E-15	5.24E-14

Legend

Red= **Waste concentration greater than 1% chemical**
Orange= **Waste concentration is a detection limit**
*** =** **Waste concentration is a detection limit**
Blue = **Maximum allowable concentration**

Table 2f. Surface Pathway Risk

Chemical Name	Waste Stream Total Concentration (mg/Kg)	Surface Water Ingestion Pathway	Air Particulate Inhalation Pathway	Fish Ingestion Pathway	Soil Ingestion Pathway	Air Volatile Inhalation Pathway	Surface Pathway Aggregate Cancer Risk
Tetraethyl dithiopyrophosphate (Sulfotep)	2.00E-02	---	---	---	---	---	---
Chromium	5.10E-02	---	---	---	---	---	---
Cobalt	2.10E-02	---	---	---	---	---	---
Tetrachlorobenzene, 1,2,4,5-	1.00E-02	---	---	---	---	---	---
Toluidine, o-	2.00E-01	1.24E-11	4.18E-12	9.97E-12	4.39E-11	1.60E-12	7.21E-11
Bis(2-chlorethyl)ether	5.00E-03	7.12E-13	2.40E-13	5.71E-13	2.52E-12	3.38E-13	4.38E-12
Bis (2-Chloroisopropyl) ether	5.00E-03	4.53E-14	8.71E-15	3.64E-14	1.60E-13	6.85E-15	2.57E-13
Cyanide	8.00E-03	---	---	---	---	---	---
Copper	1.40E-02	---	---	---	---	---	---
Lead	5.30E-02	---	---	---	---	---	---
Nickel	7.10E-02	---	---	---	---	---	---
Aldrin	1.00E-03	2.20E-12	7.41E-13	9.85E-07	7.78E-12	1.08E-17	9.85E-07
Hexachlorocyclohexane, alpha- (alpha-BHC)	1.00E-03	8.16E-13	2.74E-13	6.53E-13	2.88E-12	1.09E-17	4.63E-12
Hexachlorocyclohexane, beta- (beta-BHC)	1.00E-03	2.33E-13	7.84E-14	1.87E-13	8.23E-13	3.56E-20	1.32E-12
Chlorobenzilate	1.00E-02	3.50E-13	1.18E-13	5.68E-10	1.24E-12	2.33E-19	5.70E-10
Bis(2-ethylhexyl)phthalate	1.39E-02	5.04E-14	1.70E-14	3.68E-14	1.78E-13	9.45E-20	2.82E-13
Vinyl acetate	5.00E-01	---	---	---	---	---	---
Vinyl chloride	1.00E-01	3.88E-11	2.70E-13	3.12E-11	1.37E-10	8.70E-10	1.08E-09
Bis (2-Chloroethoxy) methane	5.00E-03	---	---	---	---	---	---
DDD	1.00E-03	3.11E-14	1.05E-14	1.26E-08	1.10E-13	8.21E-21	1.26E-08
DDE	1.00E-03	4.40E-14	1.48E-14	1.81E-08	1.56E-13	7.62E-20	1.81E-08
DDT	1.00E-03	4.40E-14	1.48E-14	9.45E-09	1.56E-13	5.11E-21	9.45E-09
Diallate	5.00E-02	3.95E-13	1.33E-13	3.10E-13	1.40E-12	7.31E-17	2.23E-12
Xylenes (total)	1.80E-01	---	---	---	---	---	---
Phenylenediamine, m-	1.00E-02	---	---	---	---	---	---
Tetrachlorophenol, 2,3,4,6-	5.00E-02	---	---	---	---	---	---
Dieldrin	1.00E-03	2.07E-12	6.97E-13	4.65E-08	7.32E-12	6.02E-19	4.65E-08
Endrin	1.00E-03	---	---	---	---	---	---
Hexachlorocyclohexane, gamma- (Lindane)	1.00E-03	1.68E-13	5.66E-14	1.34E-13	5.95E-13	2.80E-16	9.54E-13
Trichlorophenoxypropionic acid, 2,4,5- (Silvex)	5.00E-03	---	---	---	---	---	---
Dichlorophenoxyacetic acid, 2,4- (2,4-D)	5.00E-03	---	---	---	---	---	---
Butyl-4,6-dinitrophenol, 2-sec- (Dinoseb)	5.00E-03	---	---	---	---	---	---
Methylnapthalene 2-	5.00E-03	---	---	---	---	---	---
Fluorene	5.00E-03	---	---	---	---	---	---

Legend

Red=	Waste concentration greater than 1% chemical
Orange=	Waste concentration is a detection limit
* =	Waste concentration is a detection limit
Blue =	Maximum allowable concentration

Table 2f. Surface Pathway Risk

Chemical Name	Waste Stream Total Concentration (mg/Kg)	Surface Water Ingestion Pathway	Air Particulate Inhalation Pathway	Fish Ingestion Pathway	Soil Ingestion Pathway	Air Volatile Inhalation Pathway	Surface Pathway Aggregate Cancer Risk
Hexachlorobenzene	5.00E-03	1.04E-12	3.51E-13	4.28E-08	3.66E-12	2.90E-18	4.28E-08
Hexachloro-1,3-butadiene	5.00E-03	5.05E-14	1.70E-14	2.29E-10	1.78E-13	2.27E-15	2.29E-10
Naphthalene	8.10E-03	---	---	---	---	---	---
Naphthaquinone 1,4-	1.00E+00	---	---	---	---	---	---
Naphthylamine	1.00E-02	---	---	---	---	---	---
Methylene bromide	5.00E-02	---	---	---	---	---	---
Tetrachloroethylene	5.00E-02	3.37E-13	4.36E-15	2.70E-13	1.19E-12	1.60E-13	1.96E-12
Dichlorobenzene, 1,4-	5.00E-03	1.55E-14	5.23E-15	1.25E-14	5.49E-14	5.63E-15	9.37E-14
Dichlorobenzidine, 3,3'-	2.00E-02	1.17E-12	3.92E-13	9.34E-13	4.12E-12	8.65E-20	6.61E-12
Dichlorophenol, 2,4-	5.00E-03	---	---	---	---	---	---
Toluene	1.10E+00	---	---	---	---	---	---
Acetone	2.50E+00	---	---	---	---	---	---
Acetonitrile	1.00E-01	---	---	---	---	---	---
Acrolein	2.50E-01	---	---	---	---	---	---
Acrylonitrile	5.00E-02	3.50E-12	5.18E-13	2.80E-12	1.24E-11	5.88E-11	7.80E-11
Dichlorophenol 2,6-	5.00E-03	---	---	---	---	---	---
Diethyl phthalate	1.70E-02	---	---	---	---	---	---
Allyl chloride	1.00E-01	---	---	---	---	---	---
Nitrosodimethylamine	5.00E-03	3.30E-11	1.07E-11	2.65E-11	1.17E-10	5.72E-11	2.44E-10
Isophorone	5.00E-03	6.15E-16	2.07E-16	4.93E-16	2.17E-15	1.02E-16	3.59E-15
Methyl parathion	2.00E-02	---	---	---	---	---	---
Methylcholanthrene, 3-	5.00E-02	1.68E-10	5.66E-11	9.19E-05	5.95E-10	---	9.19E-05
Hexachlorocyclopentadiene	5.00E-03	---	---	---	---	---	---
N-Nitrosodiphenylamine	2.10E-02	2.66E-14	8.96E-15	2.14E-14	9.41E-14	9.32E-16	1.52E-13
N-Nitrosomethylethylamine	5.00E-03	1.42E-11	4.79E-12	1.14E-11	5.03E-11	1.29E-11	9.37E-11
Nitrosomorpholine N-	2.00E-02	---	---	---	---	---	---
N-Nitrosopiperidine	2.00E-02	9.84E-11	3.31E-11	7.89E-11	3.48E-10	7.34E-12	5.65E-10
Methyl methacrylate	5.00E-02	---	---	---	---	---	---
Benzene	2.50E-01	9.39E-13	3.16E-13	7.53E-13	3.32E-12	4.59E-11	5.13E-11
Bromoform (Tribromomethane)	5.00E-02	5.11E-14	8.39E-15	4.10E-14	1.81E-13	2.98E-14	3.11E-13
Methyl bromide (Bromomethane)	5.00E-02	---	---	---	---	---	---
Carbon disulfide	2.50E-01	---	---	---	---	---	---
N-Nitrosopyrrolidine	2.00E-02	5.44E-12	1.83E-12	4.36E-12	1.92E-11	3.95E-13	3.12E-11
Nitrophenol 4-	2.00E-02	---	---	---	---	---	---
Phenanthrene	5.00E-03	---	---	---	---	---	---
Phenol	4.10E-02	---	---	---	---	---	---
Carbon tetrachloride	5.00E-02	8.41E-13	1.14E-13	6.75E-13	2.97E-12	1.18E-11	1.64E-11
Chlorobenzene	6.70E-02	---	---	---	---	---	---

Legend

Red=	Waste concentration greater than 1% chemical
Orange=	Waste concentration is a detection limit
* =	Waste concentration is a detection limit
Blue =	Maximum allowable concentration

Table 2f. Surface Pathway Risk

Chemical Name	Waste Stream Total Concentration (mg/Kg)	Surface Water Ingestion Pathway	Air Particulate Inhalation Pathway	Fish Ingestion Pathway	Soil Ingestion Pathway	Air Volatile Inhalation Pathway	Surface Pathway Aggregate Cancer Risk
Chloro-1,3-butadiene, 2- (Chloroprene)	5.00E-01	---	---	---	---	---	---
Chlorodibromomethane	5.00E-02	5.44E-13	1.83E-13	4.36E-13	1.92E-12	1.90E-12	4.99E-12
Phorate	2.00E-02	---	---	---	---	---	---
Picoline a-	9.30E-03	---	---	---	---	---	---
Hexachlorophene	1.00E+02	---	---	---	---	---	---
Nitrosodi-n-butylamine	2.00E-02	1.40E-11	4.88E-12	1.12E-11	4.94E-11	2.43E-12	8.19E-11
N-Nitrosodi-n-propylamine	5.00E-03	4.53E-12	1.52E-12	3.64E-12	1.60E-11	6.63E-12	3.23E-11
Bromodichloromethane	5.00E-02	4.01E-13	1.35E-13	3.22E-13	1.42E-12	6.45E-12	8.72E-12
Dichloroethane, 1,1-	1.20E-01	---	---	---	---	---	---
Bromophenyl-phenyl ether 4-	5.00E-03	---	---	---	---	---	---
Di-n-octyl phthalate	5.00E-03	---	---	---	---	---	---
Di-n-butyl phthalate	1.70E-02	---	---	---	---	---	---
Dibenz(a,h)anthracene	5.00E-03	4.73E-12	6.75E-13	1.46E-09	1.67E-11	1.16E-23	1.48E-09
Dibenzofuran	5.00E-03	---	---	---	---	---	---
Dichlorobenzene, 1,2-	5.00E-03	---	---	---	---	---	---
Dichlorobenzene 1,3-	5.00E-03	---	---	---	---	---	---
Acenapthylene	5.00E-03	---	---	---	---	---	---
Acetophenone	1.00E-02	---	---	---	---	---	---
Aniline	3.80E-02	5.61E-14	1.89E-14	4.50E-14	1.98E-13	1.42E-14	3.32E-13
Selenium	1.00E-01	---	---	---	---	---	---
Silver	1.40E-02	---	---	---	---	---	---
Trichloroethylene	5.00E-02	7.12E-14	1.31E-14	5.71E-14	2.52E-13	8.85E-13	1.28E-12
Trichlorofluoromethane	5.00E-02	---	---	---	---	---	---
Thallium	1.00E-01	---	---	---	---	---	---
Anthracene	5.00E-03	---	---	---	---	---	---
Aramite	5.00E-02	1.62E-13	5.44E-14	1.30E-13	5.72E-13	---	9.18E-13
Benz(a)anthracene	5.00E-03	4.73E-13	6.75E-14	1.57E-09	1.67E-12	9.84E-21	1.57E-09
Chloro-3-methylphenol 4-	5.00E-03	---	---	---	---	---	---
Trichloropropane, 1,2,3-	5.00E-02	4.53E-11	1.52E-11	3.64E-11	1.60E-10	5.59E-11	3.13E-10
Benzo(a)pyrene	5.00E-03	4.73E-12	6.75E-13	2.03E-09	1.67E-11	3.04E-21	2.05E-09
Benzo(b)fluoranthene	5.00E-03	4.73E-13	6.75E-14	2.17E-10	1.67E-12	5.24E-21	2.19E-10
Dichloroethane, 1,2-	5.00E-02	5.89E-13	1.98E-13	4.73E-13	2.08E-12	1.92E-11	2.26E-11
All Waste Constituents	---	2.11E-09	3.88E-10	9.30E-05	7.44E-09	3.89E-09	9.31E-05

Legend

Red= **Waste concentration greater than 1% chemical**
Orange= **Waste concentration is a detection limit**
*** =** **Waste concentration is a detection limit**
Blue = **Maximum allowable concentration**

Table 2g. Maximum Allowable Total Concentrations – Surface Exposure Pathways

		Maximum Allowable Total Concentration (mg/Kg)						
Chemical Name Risk Factor = 1.00E-05 HQ Factor = 1.00E+00 * = Detection Limit	**Waste Stream Total Concentration (mg/Kg)**	**Maximum Allowable Total Concentration (mg/kg)**	**DL**	**Surface Water Ingestion Pathway**	**Air Particulate Inhalation Pathway**	**Fish Ingestion Pathway**	**Soil Ingestion Pathway**	**Air Volatile Inhalation Pathway**
Antimony	*1.00E-01*	***1.92E+04***	*	*7.93E+05*	---	*1.92E+04*	*4.94E+04*	---
Tin	*1.00E+00*	***7.41E+07***	*	*1.19E+09*	---	*1.16E+09*	*7.41E+07*	---
Vanadium	*1.00E-01*	***8.65E+05***	*	*1.39E+07*	---	*1.35E+07*	*8.65E+05*	---
Dioxane, 1,4-	8.30E+00	**2.02E+01**		3.51E+06	1.04E+07	1.19E+07	9.94E+05	2.02E+01
Ethylbenzene	*5.00E-02*	***3.94E+03***	*	*1.98E+08*	*5.03E+08*	*1.39E+06*	*1.24E+07*	*3.94E+03*
Benzo (ghi) perylene	*5.00E-03*		*	---	---	---	---	---
Chloroform	*5.00E-02*	***6.75E-01***	*	*6.33E+06*	*1.43E+06*	*2.19E+06*	*1.79E+06*	*6.75E-01*
Benzo(k)fluoranthene	*5.00E-03*	***1.50E+05***	*	*5.29E+05*	*3.70E+06*	*1.27E+06*	*1.50E+05*	*3.83E+11*
Isobutyl alcohol	*5.00E+00*	***3.71E+07***	*	*5.95E+08*	---	*5.78E+08*	*3.71E+07*	---
Methylene chloride	*2.50E-01*	***1.53E+01***	*	*5.15E+06*	*7.00E+07*	*1.21E+06*	*1.46E+06*	*1.53E+01*
Styrene	*5.00E-02*	***2.09E+04***	*	*3.97E+08*	*1.76E+09*	*3.89E+06*	*2.47E+07*	*2.09E+04*
Methyl chloride (Chloromethane)	*5.00E-02*	***3.84E-01***	*	*2.97E+06*	*1.82E+07*	*1.29E+06*	*8.41E+05*	*3.84E-01*
Choroethane	5.00E-02	**2.37E-02**		1.33E+07	3.96E+07	1.24E+05	3.77E+06	2.37E-02
Dichloropropene, cis-1,3-	*5.00E-02*	***1.98E+00***	*	*2.21E+05*	*6.56E+05*	*5.19E+04*	*6.25E+04*	*1.98E+00*
Ethylene Dibromide	*1.00E-01*	***2.87E+00***	*	*4.54E+02*	*1.49E+05*	*4.49E+01*	*1.29E+02*	*2.87E+00*
Dinitrophenol, 2,4-	*2.00E-02*	***2.42E+05***	*	*3.97E+06*	---	*2.42E+05*	*2.47E+05*	---
Parathion	*2.00E-02*	***4.26E+04***	*	*1.19E+07*	---	*4.26E+04*	*7.41E+05*	---
nitroaniline 2-	*2.00E-02*	***2.56E+03***	*	---	*3.52E+05*	---	---	*2.56E+03*
Nitroaniline 3-	*2.00E-02*	***3.71E+05***	*	*5.95E+06*	---	*9.76E+05*	*3.71E+05*	---
Nitroaniline 4-	*2.00E-02*	***3.71E+05***	*	*5.95E+06*	---	*1.16E+06*	*3.71E+05*	---
Nitrobenzene	*5.00E-03*	***6.18E+04***	*	*9.92E+05*	---	*1.63E+05*	*6.18E+04*	---
Nitrophenol 2-	*5.00E-03*		*	---	---	---	---	---

Legend

Red=	**Waste concentration greater than 1% chemical**
Orange=	**Waste concentration is a detection limit**
*** =**	**Waste concentration is a detection limit**
Blue =	**Maximum allowable concentration**

Table 2g. Maximum Allowable Total Concentrations – Surface Exposure Pathways

Chemical Name Risk Factor = 1.00E-05 HQ Factor = 1.00E+00 * = Detection Limit	Waste Stream Total Concentration (mg/Kg)	Maximum Allowable Total Concentration (mg/kg)	DL	Surface Water Ingestion Pathway	Air Particulate Inhalation Pathway	Fish Ingestion Pathway	Soil Ingestion Pathway	Air Volatile Inhalation Pathway
Nitroquinoline-1-oxide 4-	*5.00E-01*		*	---	---	---	---	---
Dichloroethylene, trans-1,2-	1.20E-01	**2.04E+06**		3.97E+07	---	2.04E+06	2.47E+06	---
Methyl ethyl ketone	5.40E+00	**1.97E+03**		1.19E+09	1.76E+09	1.20E+09	7.41E+07	1.97E+03
Methyl isobutyl ketone	*2.50E+00*	***9.88E+06***	*	*1.59E+08*	---	*3.26E+07*	*9.88E+06*	---
Dimethoate	*2.00E-02*	***2.47E+04***	*	*3.97E+05*	---	*3.85E+05*	*2.47E+04*	---
Dimethyl phthalate	*5.00E-03*	***1.24E+09***	*	*1.98E+10*	---	*1.87E+09*	*1.24E+09*	---
Dimethylbenz(a)anthracene, 7,12-	*1.00E-02*	***4.37E+02***	*	*1.54E+03*	*4.59E+03*	*4.98E+02*	*4.37E+02*	*4.63E+07*
Heptachlor	*1.00E-03*	***1.19E+02***	*	*9.92E+05*	---	*1.19E+02*	*6.18E+04*	---
Heptachlor epoxide	*1.00E-03*	***7.11E+00***	*	*2.58E+04*	---	*7.11E+00*	*1.61E+03*	---
Naphthylamine	*5.00E-02*		*	---	---	---	---	---
Acenaphthene	*5.00E-03*	***1.89E+05***	*	*1.19E+08*	---	*1.89E+05*	*7.41E+06*	---
Kepone	*5.00E-03*	***6.07E+02***	*	*2.15E+03*	*6.38E+03*	*1.66E+05*	*6.07E+02*	*3.27E+05*
Pentachlorobenzene	*5.00E-03*	***4.15E+01***	*	*1.59E+06*	---	*4.15E+01*	*9.88E+04*	---
Pentachloroethane	*5.00E-02*		*	---	---	---	---	---
Pentachloronitrobenzene (PCNB)	*2.00E-02*	***1.24E+04***	*	*5.95E+06*	---	*1.24E+04*	*3.71E+05*	---
Butylbenzylphthalate	*5.00E-03*	***1.62E+05***	*	*3.97E+08*	---	*1.62E+05*	*2.47E+07*	---
Chlordane	*1.00E-03*	***3.00E+00***	*	*9.92E+05*	*1.23E+06*	*3.00E+00*	*6.18E+04*	*5.64E+06*
Tetrachloroethane, 1,1,2,2-	*5.00E-02*	***1.25E+01***	*	*1.93E+05*	*5.74E+05*	*2.67E+04*	*5.46E+04*	*1.25E+01*
Methoxychlor	*1.00E-03*	***2.84E+03***	*	*9.92E+06*	---	*2.84E+03*	*6.18E+05*	---
Trichlorophenoxyacetic acid, 2,4,5- (245-T)	*5.00E-03*	***2.46E+05***	*	*1.98E+07*	---	*2.46E+05*	*1.24E+06*	---
Dichlorodifluoromethane	*5.00E-02*	***4.60E+00***	*	*3.97E+08*	*3.52E+08*	*1.49E+07*	*2.47E+07*	*4.60E+00*
Dichloropropene, trans-1,3-	*5.00E-02*	***1.98E+00***	*	*2.21E+05*	*6.56E+05*	*5.19E+04*	*6.25E+04*	*1.98E+00*
Trichloroethane, 1,1,1-	*5.00E-02*	***2.33E+02***	*	*6.94E+07*	*5.03E+08*	*1.65E+06*	*4.32E+06*	*2.33E+02*

Legend

Red= **Waste concentration greater than 1% chemical**
Orange= **Waste concentration is a detection limit**
*** =** **Waste concentration is a detection limit**
Blue = **Maximum allowable concentration**

Table 2g. Maximum Allowable Total Concentrations – Surface Exposure Pathways

Chemical Name Risk Factor = 1.00E-05 HQ Factor = 1.00E+00 * = Detection Limit	Waste Stream Total Concentration (mg/Kg)	Maximum Allowable Total Concentration (mg/kg)	DL	Surface Water Ingestion Pathway	Air Particulate Inhalation Pathway	Fish Ingestion Pathway	Soil Ingestion Pathway	Air Volatile Inhalation Pathway
Endosulfan	*1.00E-03*	***4.43E+04***	*	*1.19E+07*	---	*4.43E+04*	*7.41E+05*	---
Dinitrotoluene, 2,6-	*5.00E-03*	***1.20E+04***	*	*5.68E+04*	*1.69E+05*	*1.20E+04*	*1.61E+04*	*3.13E+04*
Dinitrotoluene, 2,4-	*5.00E-03*	***1.20E+04***	*	*5.68E+04*	*1.69E+05*	*1.20E+04*	*1.61E+04*	*1.03E+05*
Diphenylamine	*1.00E-02*	***5.80E+05***	*	*4.96E+07*	---	*5.80E+05*	*3.09E+06*	---
Disulfoton	*2.00E-02*	***1.23E+02***	*	*7.93E+04*	---	*1.23E+02*	*4.94E+03*	---
Dibromo-3-chloropropane, 1,2-	*5.00E-02*	***6.53E+01***	*	---	*3.52E+05*	---	---	*6.53E+01*
Hexachloropropene	*5.00E-02*		*	---	---	---	---	---
Dimethylbenzidine, 3,3'-	*5.00E-02*	***2.91E+02***	*	*4.20E+03*	*1.25E+04*	*2.91E+02*	*1.19E+03*	*3.96E+06*
Dimethylphenol, 2,4-	3.40E-02	1.05E+06		3.97E+07	---	1.05E+06	2.47E+06	---
Indeno(1,2,3-cd) pyrene	*5.00E-03*	***1.50E+04***	*	*5.29E+04*	*3.70E+05*	*2.25E+05*	*1.50E+04*	*2.95E+11*
Methacrylonitrile	*5.00E-01*	***2.03E+00***	*	*1.98E+05*	*1.23E+06*	*1.27E+05*	*1.24E+04*	*2.03E+00*
Pentachlorophenol	*2.00E-02*	***9.11E+04***	*	*3.22E+05*	*9.57E+05*	*1.45E+05*	*9.11E+04*	*2.54E+05*
Ethyl methacrylate	*5.00E-02*	***1.11E+07***	*	*1.79E+08*	---	*1.82E+07*	*1.11E+07*	---
Zinc	*1.44E+00*	***8.83E+05***	*	*5.95E+08*	---	*8.83E+05*	*3.71E+07*	---
Arsenic	*1.00E-01*	***1.60E+03***	*	*2.57E+04*	*7.60E+03*	*1.60E+03*	*7.29E+03*	---
Barium	*1.04E+00*	***8.80E+05***	*	*1.39E+08*	*8.80E+05*	*1.35E+08*	*8.65E+06*	---
Beryllium	*1.00E-02*	***1.37E+04***	*	---	*1.37E+04*	---	---	---
Mercury	*2.00E-04*	***8.60E-02***	*	*1.98E+05*	*1.51E+05*	*8.60E-02*	*1.24E+04*	*2.07E+04*
Benzyl alcohol	*5.00E-02*	***3.71E+07***	*	*5.95E+08*	---	*1.43E+08*	*3.71E+07*	---
Phenacetin	*1.00E-02*		*	---	---	---	---	---
Pronamide	*1.00E-02*	***5.27E+05***	*	*1.49E+08*	---	*5.27E+05*	*9.26E+06*	---
Pyrene	*5.00E-03*	***4.57E+03***	*	*5.95E+07*	---	*4.57E+03*	*3.71E+06*	---

Legend

Red=	**Waste concentration greater than 1% chemical**
Orange=	**Waste concentration is a detection limit**
*** =**	**Waste concentration is a detection limit**
Blue =	**Maximum allowable concentration**

Table 2g. Maximum Allowable Total Concentrations – Surface Exposure Pathways

Chemical Name Risk Factor = 1.00E-05 HQ Factor = 1.00E+00 * = Detection Limit	Waste Stream Total Concentration (mg/Kg)	Maximum Allowable Total Concentration (mg/kg)	DL	Surface Water Ingestion Pathway	Air Particulate Inhalation Pathway	Fish Ingestion Pathway	Soil Ingestion Pathway	Air Volatile Inhalation Pathway
Cadmium	*1.00E-02*	***3.85E+03***	*	*9.92E+05*	---	*3.85E+03*	*6.18E+04*	---
Dinitromethylphenol, 4,6-,2-	*2.00E-02*	***1.24E+04***	*	*1.98E+05*	---	*1.93E+05*	*1.24E+04*	---
Dinitrobenzene, 1,3-	*5.00E-03*	***2.60E+03***	*	*1.98E+05*	---	*2.60E+03*	*1.24E+04*	---
Ethyl methanesulfonate	*1.00E-02*	***9.28E-02***	*	*1.32E+02*	*3.92E+02*	*2.56E+02*	*3.73E+01*	*9.28E-02*
Fluoranthene	*5.00E-03*	***7.68E+05***	*	*7.93E+07*	---	*7.68E+05*	*4.94E+06*	---
Pyridine	*1.00E-02*	***1.24E+05***	*	*1.98E+06*	---	*1.01E+06*	*1.24E+05*	---
Safrole	*1.00E-02*		*	---	---	---	---	---
Tetrachloroethane, 1,1,1,2-	*5.00E-02*	***4.10E+01***	*	*1.49E+06*	*4.41E+06*	*3.15E+04*	*4.20E+05*	*4.10E+01*
Hexachloroethane	*5.00E-03*	***2.47E+03***	*	*2.76E+06*	*8.20E+06*	*5.46E+03*	*7.81E+05*	*2.47E+03*
Tetraethyl dithiopyrophosphate (Sulfotep)	*2.00E-02*	***3.42E+03***	*	*9.92E+05*	---	*3.42E+03*	*6.18E+04*	---
Chromium	*5.10E-02*	***4.53E+05***	*	*2.98E+09*	---	*4.53E+05*	*1.85E+08*	---
Cobalt	*2.10E-02*	***7.41E+06***	*	*1.19E+08*	---	*1.16E+08*	*7.41E+06*	---
Tetrachlorobenzene, 1,2,4,5-	*1.00E-02*	***1.34E+02***	*	*5.95E+05*	---	*1.34E+02*	*3.71E+04*	---
Toluidine, o-	2.00E-01	**1.25E+02**		1.61E+05	4.78E+05	3.27E+04	4.55E+04	1.25E+02
Bis(2-chlorethyl)ether	*5.00E-03*	***7.40E+00***	*	*3.51E+04*	*1.04E+05*	*7.62E+03*	*9.94E+03*	*7.40E+00*
Bis (2-Chloroisopropyl) ether	*5.00E-03*	***3.65E+02***	*	*5.52E+05*	*2.87E+06*	*1.28E+04*	*1.56E+05*	*3.65E+02*
Cyanide	*8.00E-03*	***6.08E+04***	*	*3.97E+07*	---	*6.08E+04*	*2.47E+06*	---
Copper	*1.40E-02*	***4.94E+06***	*	*7.93E+07*	---	*7.70E+07*	*4.94E+06*	---
Lead	*5.30E-02*	***4.22E+04***	*	---	*4.22E+04*	---	*1.58E+05*	---
Nickel	*7.10E-02*	***1.25E+05***	*	*3.97E+07*	---	*1.25E+05*	*2.47E+06*	---
Aldrin	*1.00E-03*	***9.51E-02***	*	*5.95E+04*	*1.85E+05*	*9.51E-02*	*3.71E+03*	*1.26E+06*
Hexachlorocyclohexane, alpha- (alpha-BHC)	*1.00E-03*	***1.68E+01***	*	*6.13E+03*	*1.82E+04*	*1.68E+01*	*1.73E+03*	*4.61E+04*

Legend

Red=	**Waste concentration greater than 1% chemical**
Orange=	**Waste concentration is a detection limit**
*** =**	**Waste concentration is a detection limit**
Blue =	**Maximum allowable concentration**

Table 2g. Maximum Allowable Total Concentrations – Surface Exposure Pathways

Chemical Name Risk Factor = 1.00E-05 HQ Factor = 1.00E+00 * = Detection Limit	Waste Stream Total Concentration (mg/Kg)	Maximum Allowable Total Concentration (mg/kg)	DL	Surface Water Ingestion Pathway	Air Particulate Inhalation Pathway	Fish Ingestion Pathway	Soil Ingestion Pathway	Air Volatile Inhalation Pathway
Hexachlorocyclohexane, beta- (beta-BHC)	*1.00E-03*	***5.54E+01***	*	*2.15E+04*	*6.38E+04*	*5.54E+01*	*6.07E+03*	*1.41E+07*
Chlorobenzilate	*1.00E-02*	***1.89E+04***	*	*3.97E+07*	---	*1.89E+04*	*2.47E+06*	---
Bis(2-ethylhexyl)phthalate	1.39E-02	2.61E+04		2.76E+06	8.20E+06	2.61E+04	7.81E+05	1.47E+08
Vinyl acetate	*5.00E-01*	***2.26E+02***	*	*1.98E+09*	*3.52E+08*	*9.63E+08*	*1.24E+08*	*2.26E+02*
Vinyl chloride	1.00E-01	1.15E-01		2.57E+04	3.70E+06	7.34E+03	7.29E+03	1.15E-01
Bis (2-Chloroethoxy) methane	*5.00E-03*		*	---	---	---	---	---
DDD	*1.00E-03*	***7.05E+03***	*	*1.61E+05*	*4.78E+05*	*7.05E+03*	*4.55E+04*	*6.09E+07*
DDE	*1.00E-03*	***6.82E+03***	*	*1.14E+05*	*3.38E+05*	*6.82E+03*	*3.21E+04*	*6.56E+06*
DDT	*1.00E-03*	***1.39E+00***	*	*9.92E+05*	---	*1.39E+00*	*6.18E+04*	---
Diallate	*5.00E-02*	***4.29E+01***	*	*6.33E+05*	*1.88E+06*	*4.29E+01*	*1.79E+05*	*3.42E+05*
Xylenes (total)	1.80E-01	5.13E+07		3.97E+09	---	5.13E+07	2.47E+08	---
Phenylenediamine, m-	*1.00E-02*	***7.41E+05***	*	*1.19E+07*	---	*1.16E+07*	*7.41E+05*	---
Tetrachlorophenol, 2,3,4,6-	*5.00E-02*	***3.54E+04***	*	*5.95E+07*	---	*3.54E+04*	*3.71E+06*	---
Dieldrin	*1.00E-03*	***3.29E+00***	*	*9.92E+04*	---	*3.29E+00*	*6.18E+03*	---
Endrin	*1.00E-03*	***6.69E+01***	*	*5.95E+05*	---	*6.69E+01*	*3.71E+04*	---
Hexachlorocyclohexane, gamma- (Lindane)	*1.00E-03*	***2.30E+01***	*	*2.97E+04*	*8.83E+04*	*2.30E+01*	*8.41E+03*	*1.79E+03*
Trichlorophenoxypropionic acid, 2,4,5- (Silvex)	*5.00E-03*	***1.18E+05***	*	*1.59E+07*	---	*1.18E+05*	*9.88E+05*	---
Dichlorophenoxyacetic acid, 2,4- (2,4-D)	*5.00E-03*	***3.15E+05***	*	*1.98E+07*	---	*3.15E+05*	*1.24E+06*	---
Butyl-4,6-dinitrophenol, 2-sec- (Dinoseb)	*5.00E-03*	***2.41E+04***	*	*1.98E+06*	---	*2.41E+04*	*1.24E+05*	---
Methylnapthalene 2-	*5.00E-03*		*	---	---	---	---	---
Fluorene	*5.00E-03*	***8.59E+05***	*	*7.93E+07*	---	*8.59E+05*	*4.94E+06*	---
Hexachlorobenzene	*5.00E-03*	***2.60E+01***	*	*1.59E+06*	---	*2.60E+01*	*9.88E+04*	---
Hexachloro-1,3-butadiene	*5.00E-03*	***6.73E+01***	*	*3.97E+05*	---	*6.73E+01*	*2.47E+04*	---

Legend

Red=	**Waste concentration greater than 1% chemical**
Orange=	**Waste concentration is a detection limit**
*** =**	**Waste concentration is a detection limit**
Blue =	**Maximum allowable concentration**

Table 2g. Maximum Allowable Total Concentrations – Surface Exposure Pathways

Chemical Name Risk Factor = 1.00E-05 HQ Factor = 1.00E+00 * = Detection Limit	Waste Stream Total Concentration (mg/Kg)	Maximum Allowable Total Concentration (mg/kg)	DL	Surface Water Ingestion Pathway	Air Particulate Inhalation Pathway	Fish Ingestion Pathway	Soil Ingestion Pathway	Air Volatile Inhalation Pathway
Naphthalene	8.10E-03	**4.69E+03**		3.97E+07	5.28E+06	1.79E+05	2.47E+06	4.69E+03
Naphthaquinone 1,4-	*1.00E+00*		*	---	---	---	---	---
Naphthylamine	*1.00E-02*		*	---	---	---	---	---
Methylene bromide	*5.00E-02*	***1.24E+06***	*	*1.98E+07*	---	*1.93E+06*	*1.24E+06*	---
Tetrachloroethylene	*5.00E-02*	***1.56E+02***	*	*7.43E+05*	*5.74E+07*	*1.83E+04*	*2.10E+05*	*1.56E+02*
Dichlorobenzene, 1,4-	*5.00E-03*	***4.44E+02***	*	*1.61E+06*	*4.78E+06*	*8.68E+03*	*4.55E+05*	*4.44E+02*
Dichlorobenzidine, 3,3'-	*2.00E-02*	***3.48E+02***	*	*8.58E+04*	*2.55E+05*	*3.48E+02*	*2.43E+04*	*1.16E+08*
Dichlorophenol, 2,4-	*5.00E-03*	***4.85E+04***	*	*5.95E+06*	---	*4.85E+04*	*3.71E+05*	---
Toluene	1.10E+00	**6.14E+06**		3.97E+08	---	6.14E+06	2.47E+07	---
Acetone	*2.50E+00*	***1.24E+07***	*	*1.98E+08*	---	*4.81E+08*	*1.24E+07*	---
Acetonitrile	*1.00E-01*	***1.30E+02***	*	---	*1.06E+08*	---	---	*1.30E+02*
Acrolein	*2.50E-01*	***1.28E-02***	*	*3.97E+07*	*3.52E+04*	*6.64E+07*	*2.47E+06*	*1.28E-02*
Acrylonitrile	*5.00E-02*	***4.25E-01***	*	*7.15E+04*	*4.82E+05*	*1.86E+03*	*2.02E+04*	*4.25E-01*
Dichlorophenol 2,6-	*5.00E-03*		*	---	---	---	---	---
Diethyl phthalate	1.70E-02	**6.29E+05**		1.59E+09	---	6.29E+05	9.88E+07	---
Allyl chloride	*1.00E-01*	***4.70E-03***	*	*9.92E+07*	*1.76E+06*	*2.60E+07*	*6.18E+06*	*4.70E-03*
Nitrosodimethylamine	*5.00E-03*	***4.37E-02***	*	*7.57E+02*	*2.34E+03*	*1.28E+03*	*2.14E+02*	*4.37E-02*
Isophorone	*5.00E-03*	***2.45E+04***	*	*4.07E+07*	*1.21E+08*	*4.41E+06*	*1.15E+07*	*2.45E+04*
Methyl parathion	*2.00E-02*	***5.51E+03***	*	*4.96E+05*	---	*5.51E+03*	*3.09E+04*	---
Methylcholanthrene, 3-	*5.00E-02*	***4.20E+02***	*	*1.49E+03*	*4.41E+03*	*1.97E+03*	*4.20E+02*	---
Hexachlorocyclopentadiene	*5.00E-03*	***2.29E+02***	*	*1.19E+07*	*1.23E+05*	*2.18E+04*	*7.41E+05*	*2.29E+02*
N-Nitrosodiphenylamine	2.10E-02	**2.25E+04**		7.88E+06	2.34E+07	8.32E+04	2.23E+06	2.25E+04
N-Nitrosomethylethylamine	*5.00E-03*	***1.94E-01***	*	*1.76E+03*	*5.22E+03*	*7.06E+02*	*4.97E+02*	*1.94E-01*

Legend

Red=	**Waste concentration greater than 1% chemical**
Orange=	**Waste concentration is a detection limit**
*** =**	**Waste concentration is a detection limit**
Blue =	**Maximum allowable concentration**

Table 2g. Maximum Allowable Total Concentrations – Surface Exposure Pathways

Chemical Name Risk Factor = 1.00E-05 HQ Factor = 1.00E+00 * = Detection Limit	Waste Stream Total Concentration (mg/Kg)	Maximum Allowable Total Concentration (mg/kg)	DL	Surface Water Ingestion Pathway	Air Particulate Inhalation Pathway	Fish Ingestion Pathway	Soil Ingestion Pathway	Air Volatile Inhalation Pathway
Nitrosomorpholine N-	*2.00E-02*		*	---	---	---	---	---
N-Nitrosopiperidine	*2.00E-02*	***1.36E+00***	*	*1.02E+03*	*3.02E+03*	*1.54E+03*	*2.88E+02*	*1.36E+00*
Methyl methacrylate	*5.00E-02*	***2.46E+03***	*	*2.78E+09*	*1.23E+09*	*8.42E+08*	*1.73E+08*	*2.46E+03*
Benzene	*2.50E-01*	***2.72E+00***	*	*1.33E+06*	*3.96E+06*	*6.69E+04*	*3.77E+05*	*2.72E+00*
Bromoform (Tribromomethane)	*5.00E-02*	***8.40E+02***	*	*4.89E+06*	*2.98E+07*	*1.69E+05*	*1.38E+06*	*8.40E+02*
Methyl bromide (Bromomethane)	*5.00E-02*	***4.63E-01***	*	*2.78E+06*	*8.80E+06*	*6.51E+05*	*1.73E+05*	*4.63E-01*
Carbon disulfide	*2.50E-01*	***2.73E+02***	*	*1.98E+08*	*1.23E+09*	*9.87E+06*	*1.24E+07*	*2.73E+02*
N-Nitrosopyrrolidine	*2.00E-02*	***2.53E+01***	*	*1.84E+04*	*5.47E+04*	*1.21E+05*	*5.20E+03*	*2.53E+01*
Nitrophenol 4-	*2.00E-02*	***7.15E+06***	*	*1.23E+08*	---	*7.15E+06*	*7.66E+06*	---
Phenanthrene	*5.00E-03*		*	---	---	---	---	---
Phenol	4.10E-02	7.41E+07		1.19E+09	---	1.48E+08	7.41E+07	---
Carbon tetrachloride	*5.00E-02*	***2.12E+00***	*	*2.97E+05*	*2.19E+06*	*1.23E+04*	*8.41E+04*	*2.12E+00*
Chlorobenzene	6.70E-02	7.30E+02		3.97E+07	1.06E+08	4.96E+05	2.47E+06	7.30E+02
Chloro-1,3-butadiene, 2- (Chloroprene)	*5.00E-01*	***1.07E+00***	*	*3.97E+07*	*3.52E+06*	*3.50E+06*	*2.47E+06*	*1.07E+00*
Chlorodibromomethane	*5.00E-02*	***1.31E+01***	*	*4.60E+05*	*1.37E+06*	*4.09E+04*	*1.30E+05*	*1.31E+01*
Phorate	*2.00E-02*	***8.31E+02***	*	*3.97E+05*	---	*8.31E+02*	*2.47E+04*	---
Picoline a-	9.30E-03			---	---	---	---	---
Hexachlorophene	1.00E+02	6.30E+01		5.95E+05	---	6.30E+01	3.71E+04	---
Nitrosodi-n-butylamine	*2.00E-02*	***4.12E+00***	*	*7.15E+03*	*2.05E+04*	*2.23E+02*	*2.02E+03*	*4.12E+00*
N-Nitrosodi-n-propylamine	*5.00E-03*	***3.77E-01***	*	*5.52E+03*	*1.64E+04*	*1.04E+03*	*1.56E+03*	*3.77E-01*
Bromodichloromethane	*5.00E-02*	***3.88E+00***	*	*6.23E+05*	*1.85E+06*	*3.81E+04*	*1.76E+05*	*3.88E+00*
Dichloroethane, 1,1-	1.20E-01	3.14E+02		1.98E+08	8.80E+08	1.42E+07	1.24E+07	3.14E+02
Bromophenyl-phenyl ether 4-	*5.00E-03*	***6.90E+03***	*	*1.15E+08*	---	*6.90E+03*	*7.16E+06*	---
Di-n-octyl phthalate	*5.00E-03*	***1.22E+01***	*	*3.97E+07*	---	*1.22E+01*	*2.47E+06*	---

Legend

Red= **Waste concentration greater than 1% chemical**
Orange= **Waste concentration is a detection limit**
*** =** **Waste concentration is a detection limit**
Blue = **Maximum allowable concentration**

Table 2g. Maximum Allowable Total Concentrations – Surface Exposure Pathways

Chemical Name Risk Factor = 1.00E-05 HQ Factor = 1.00E+00 * = Detection Limit	Waste Stream Total Concentration (mg/Kg)	Maximum Allowable Total Concentration (mg/kg)	DL	Surface Water Ingestion Pathway	Air Particulate Inhalation Pathway	Fish Ingestion Pathway	Soil Ingestion Pathway	Air Volatile Inhalation Pathway
Di-n-butyl phthalate	1.70E-02	3.45E+04		1.98E+08	---	3.45E+04	1.24E+07	---
Dibenz(a,h)anthracene	*5.00E-03*	***1.50E+03***	*	*5.29E+03*	*3.70E+04*	*1.33E+04*	*1.50E+03*	*2.15E+11*
Dibenzofuran	*5.00E-03*	***4.94E+05***	*	*7.93E+06*	---	*7.70E+06*	*4.94E+05*	---
Dichlorobenzene, 1,2-	*5.00E-03*	***2.56E+04***	*	*1.79E+08*	*3.52E+08*	*7.07E+05*	*1.11E+07*	*2.56E+04*
Dichlorobenzene 1,3-	*5.00E-03*	***1.50E+01***	*	---	*3.52E+05*	---	---	*1.50E+01*
Acenapthylene	*5.00E-03*		*	---	---	---	---	---
Acetophenone	*1.00E-02*	***1.24E+07***	*	*1.98E+08*	---	*1.85E+07*	*1.24E+07*	---
Aniline	3.80E-02	**2.68E+03**		6.78E+06	2.01E+07	2.58E+06	1.92E+06	2.68E+03
Selenium	*1.00E-01*	***7.46E+04***	*	*9.92E+06*	---	*7.46E+04*	*6.18E+05*	---
Silver	*1.40E-02*	***4.72E+04***	*	*9.92E+06*	---	*4.72E+04*	*6.18E+05*	---
Trichloroethylene	*5.00E-02*	***2.83E+01***	*	*3.51E+06*	*1.91E+07*	*1.05E+05*	*9.94E+05*	*2.83E+01*
Trichlorofluoromethane	*5.00E-02*	***2.10E+01***	*	*5.95E+08*	*3.52E+08*	*1.17E+07*	*3.71E+07*	*2.10E+01*
Thallium	*1.00E-01*	***1.10E+02***	*	*1.59E+05*	---	*1.10E+02*	*9.88E+03*	---
Anthracene	*5.00E-03*	***2.18E+05***	*	*5.95E+08*	---	*2.18E+05*	*3.71E+07*	---
Aramite	*5.00E-02*	***4.37E+05***	*	*1.54E+06*	*4.59E+06*	*1.93E+06*	*4.37E+05*	---
Benz(a)anthracene	*5.00E-03*	***1.50E+04***	*	*5.28E+04*	*3.70E+05*	*1.56E+06*	*1.50E+04*	*2.54E+08*
Chloro-3-methylphenol 4-	*5.00E-03*		*	---	---	---	---	---
Trichloropropane, 1,2,3-	*5.00E-02*	***4.47E-01***	*	*5.52E+03*	*1.64E+04*	*2.28E+02*	*1.56E+03*	*4.47E-01*
Benzo(a)pyrene	*5.00E-03*	***1.22E+02***	*	*5.29E+03*	*3.70E+04*	*1.22E+02*	*1.50E+03*	*8.22E+08*
Benzo(b)fluoranthene	*5.00E-03*	***1.30E+02***	*	*5.29E+04*	*3.70E+05*	*1.30E+02*	*1.50E+04*	*4.77E+08*
Dichloroethane, 1,2-	*5.00E-02*	***1.30E+00***	*	*4.24E+05*	*1.26E+06*	*6.95E+04*	*1.20E+05*	*1.30E+00*

Legend

Red=	**Waste concentration greater than 1% chemical**
Orange=	**Waste concentration is a detection limit**
*** =**	**Waste concentration is a detection limit**
Blue =	**Maximum allowable concentration**

Table 2h. Toxicity Characteristic, Soil Saturation, and Ecological Values

		Toxicity Characteristic Rule		Soil Saturation		Ecological Screen	
Chemical Name	**CAS Number**	**Allowable TC Concentration (mg/L)**	**Waste Constituent TCLP Concentration (mg/L)**	**Allowable Soil Saturation Concentration (mg/Kg)**	**Actual Soil Concentration (mg/Kg)**	**Allowable Aquatic Concentration (mg/L)**	**Predicted Ambient Concentration (mg/L)**
Pyridine	110-86-1	---	---	---	---	---	9.75E-09
Methyl ethyl ketone	78-93-3	---	---	---	---	---	1.05E-05
Vinyl chloride	75-01-4	---	---	---	---	---	1.95E-07
Trichlorophenoxypropionic acid, 2,4,5- (Silvex)	93-72-1	---	---	---	---	---	4.86E-09
Methyl methacrylate	80-62-6	---	---	---	---	---	4.87E-08
Chloro-1,3-butadiene, 2- (Chloroprene)	126-99-8	---	---	---	---	---	4.87E-07
Chlorodibromomethane	124-48-1	---	---	---	---	---	4.87E-08
Bromodichloromethane	75-27-4	---	---	---	---	---	4.87E-08
Acetophenone	98-86-2	---	---	---	---	---	9.75E-09
Trichlorofluoromethane	75-69-4	---	---	---	---	---	4.87E-08
Dichlorodifluoromethane	75-71-8	---	---	---	---	---	4.87E-08
Methacrylonitrile	126-98-7	---	---	---	---	---	4.87E-07
Ethyl methacrylate	97-63-2	---	---	---	---	---	4.87E-08
Pyrene	129-00-0	---	---	---	---	---	4.59E-09
Tetrachloroethane, 1,1,1,2-	630-20-6	---	---	---	---	---	4.87E-08
Bis (2-Chloroisopropyl) ether	39638-32-9	---	---	---	---	---	4.87E-09
Styrene	100-42-5	---	---	---	---	---	4.87E-08
Methyl isobutyl ketone	108-10-1	---	---	---	---	---	2.44E-06
Dichlorobenzidine, 3,3'-	91-94-1	---	---	---	---	---	1.95E-08
Acetonitrile	75-05-8	---	---	---	---	---	9.75E-08
Dichlorophenol 2,6-	87-65-0	---	---	---	---	---	4.87E-09

Legend

Red=	**Waste concentration greater than 1% chemical**
Orange=	**Waste concentration is a detection limit**
*** =**	**Waste concentration is a detection limit**
Blue =	**Maximum allowable concentration**

Aggregate Risk and Hazard Quotient Results

		Petitioned Waste Aggregate Non-carcinogenic Hazard			Petitioned Waste Aggregate Carcinogenic Risk		
Chemical Name	**CAS Number**	**Aggregate HI-Groundwater Pathways**	**Aggregate HI-Surface Pathways**	**Total Aggregate Hazard Index**	**Aggregate Risk-Groundwater Pathways**	**Aggregate Risk-Surface Pathways**	**Total Aggregate Risk**
N-Nitrosopiperidine	*100-75-4*	---	---	---	*2.91E-04*	*5.65E-10*	*2.91E-04*
Methyl methacrylate	*80-62-6*	*4.56E-05*	*1.20E-09*	*4.56E-05*	---	---	---
Benzene	*71-43-2*	*3.22E-01*	*2.30E-06*	*3.22E-01*	*6.15E-06*	*5.13E-11*	*6.15E-06*
Bromoform (Tribromomethane)	*75-25-2*	*2.10E-03*	*1.14E-08*	*2.10E-03*	*2.20E-07*	*3.11E-13*	*2.20E-07*
Methyl bromide (Bromomethane)	*74-83-9*	*1.36E-04*	*5.57E-06*	*1.42E-04*	---	---	---
Carbon disulfide	*75-15-0*	*3.24E-03*	*5.72E-08*	*3.24E-03*	---	---	---
N-Nitrosopyrrolidine	*930-55-2*	---	---	---	*1.60E-05*	*3.12E-11*	*1.60E-05*
Nitrophenol 4-	*100-02-7*	*2.73E-04*	*1.47E-09*	*2.73E-04*	---	---	---
Phenanthrene	*85-01-8*	---	---	---	---	---	---
Phenol	108-95-2	1.05E-04	6.23E-10	1.05E-04	---	---	---
Carbon tetrachloride	*56-23-5*	*5.70E-02*	*3.26E-07*	*5.70E-02*	*2.91E-06*	*1.64E-11*	*2.91E-06*
Chlorobenzene	108-90-7	1.43E-02	4.04E-08	1.43E-02	---	---	---
Chloro-1,3-butadiene, 2- (Chloroprene)	*126-99-8*	---	*2.35E-05*	*2.35E-05*	---	---	---
Chlorodibromomethane	*124-48-1*	*2.10E-03*	*1.14E-08*	*2.10E-03*	*3.15E-06*	*4.99E-12*	*3.15E-06*
Phorate	*298-02-2*	*2.23E-08*	*4.56E-07*	*4.78E-07*	---	---	---

Aggregate Risk and Hazard Quotient Results

		Petitioned Waste Aggregate Non-carcinogenic Hazard			Petitioned Waste Aggregate Carcinogenic Risk		
Chemical Name	**CAS Number**	**Aggregate HI-Groundwater Pathways**	**Aggregate HI-Surface Pathways**	**Total Aggregate Hazard Index**	**Aggregate Risk-Groundwater Pathways**	**Aggregate Risk-Surface Pathways**	**Total Aggregate Risk**
Dimethoate	*60-51-5*	*5.38E-05*	*4.56E-07*	*5.43E-05*	---	---	---
Dimethyl phthalate	*131-11-3*	*7.02E-06*	*2.28E-12*	*7.02E-06*	---	---	---
Picoline a-	109-06-8	---	---	---	---	---	---
Hexachlorophene	*70-30-4*	*5.14E+04*	4.13E-01	*5.14E+04*	---	---	---
Nitrosodi-n-butylamine	*924-16-3*	---	---	---	*5.50E-05*	*8.19E-11*	*5.50E-05*
N-Nitrosodi-n-propylamine	*621-64-7*	---	---	---	*1.60E-05*	*3.23E-11*	*1.60E-05*
Bromodichloromethane	*75-27-4*	*2.16E-03*	*1.14E-08*	*2.16E-03*	*2.55E-06*	*8.72E-12*	*2.55E-06*
Dichloroethane, 1,1-	75-34-3	6.12E-02	4.93E-08	6.12E-02	---	---	---
Bromophenyl-phenyl ether 4-	*101-55-3*	*2.69E-04*	*2.95E-07*	*2.70E-04*	---	---	---
Safrole	*94-59-7*	---	---	---	---	---	---
Tetrachloroethane, 1,1,1,2-	*630-20-6*	*1.13E-03*	*7.60E-09*	*1.13E-03*	*7.15E-07*	*1.56E-12*	*7.15E-07*
Hexachloroethane	*67-72-1*	*1.18E-02*	*2.28E-08*	*1.18E-02*	*6.62E-08*	*5.24E-14*	*6.62E-08*
Tetraethyl dithiopyrophosphate (Sulfotep)	*3689-24-5*	*2.07E-08*	*1.82E-07*	*2.03E-07*	---	---	---
Antimony	*7440-36-0*	*9.71E-02*	*1.14E-06*	*9.71E-02*	---	---	---
Chromium	*7440-47-4*	*1.18E-07*	*1.47E-10*	*1.18E-07*	---	---	---

Aggregate Risk and Hazard Quotient Results

		Petitioned Waste Aggregate Non-carcinogenic Hazard			Petitioned Waste Aggregate Carcinogenic Risk		
Chemical Name	**CAS Number**	**Aggregate HI-Groundwater Pathways**	**Aggregate HI-Surface Pathways**	**Total Aggregate Hazard Index**	**Aggregate Risk-Groundwater Pathways**	**Aggregate Risk-Surface Pathways**	**Total Aggregate Risk**
Cobalt	*7440-48-4*	---	*1.60E-09*	*1.60E-09*	---	---	---
Tetrachlorobenzene, 1,2,4,5-	*95-94-3*	*1.93E-01*	*3.72E-05*	*1.93E-01*	---	---	---
Toluidine, o-	95-53-4	---	---	---	3.78E-05	7.21E-11	3.78E-05
Bis(2-chlorethyl)ether	*111-44-4*	---	---	---	*2.79E-07*	*4.38E-12*	*2.79E-07*
Tin	*7440-31-5*	---	*7.60E-09*	*7.60E-09*	---	---	---
Bis (2-Chloroisopropyl) ether	*39638-32-9*	*1.25E-04*	*5.70E-10*	*1.25E-04*	*2.12E-07*	*2.57E-13*	*2.12E-07*
Cyanide	*57-12-5*	*2.96E-04*	*1.82E-09*	*2.96E-04*	---	---	---
Copper	*7440-50-8*	*6.65E-07*	*1.60E-09*	*6.67E-07*	---	---	---
Lead	*7439-92-1*	---	---	---	---	---	---
Vanadium	*7440-62-2*	*2.37E-03*	*6.51E-08*	*2.37E-03*	---	---	---
Dioxane, 1,4-	123-91-1	---	---	---	7.12E-05	5.44E-10	7.12E-05
Ethylbenzene	*100-41-4*	*1.25E-03*	*2.96E-09*	*1.25E-03*	---	---	---
Benzo (ghi) perylene	*191-24-2*	---	---	---	---	---	---
Chloroform	*67-66-3*	*4.33E-03*	*2.28E-08*	*4.33E-03*	*1.85E-06*	*3.74E-11*	*1.85E-06*
Benzo(k)fluoranthene	*207-08-9*	---	---	---	*2.60E-06*	*2.21E-11*	*2.60E-06*

Aggregate Risk and Hazard Quotient Results

		Petitioned Waste Aggregate Non-carcinogenic Hazard			Petitioned Waste Aggregate Carcinogenic Risk		
Chemical Name	**CAS Number**	**Aggregate HI-Groundwater Pathways**	**Aggregate HI-Surface Pathways**	**Total Aggregate Hazard Index**	**Aggregate Risk-Groundwater Pathways**	**Aggregate Risk-Surface Pathways**	**Total Aggregate Risk**
Isobutyl alcohol	*78-83-1*	*1.21E-02*	*7.60E-08*	*1.21E-02*	---	---	---
Methylene chloride	*75-09-2*	*4.14E-03*	*5.70E-08*	*4.14E-03*	*9.10E-07*	*9.49E-12*	*9.10E-07*
Styrene	*100-42-5*	*4.73E-04*	*1.27E-09*	*4.73E-04*	---	---	---
Methyl chloride (Chloromethane)	*74-87-3*	---	*2.25E-07*	*2.25E-07*	---	*6.56E-11*	*6.56E-11*
Di-n-octyl phthalate	*117-84-0*	*7.16E-02*	*1.39E-09*	*7.16E-02*	---	---	---
Di-n-butyl phthalate	84-74-2	1.26E-03	4.93E-07	1.26E-03	---	---	---
Dibenz(a,h)anthracene	*53-70-3*	---	---	---	*6.71E-04*	*1.48E-09*	*6.71E-04*
Choroethane	75-00-3	1.19E-03	4.75E-07	1.19E-03	9.74E-07	2.11E-09	9.76E-07
Dichloropropene, cis-1,3-	*10061-01-5*	---	---	---	*3.90E-13*	*1.90E-11*	*1.94E-11*
Ethylene Dibromide	*106-93-4*	*1.22E-02*	*8.79E-07*	*1.22E-02*	*4.01E-05*	*5.89E-09*	*4.02E-05*
Dinitrophenol, 2,4-	*51-28-5*	*7.43E-03*	*4.44E-08*	*7.43E-03*	---	---	---
Parathion	*56-38-2*	*2.05E-08*	*1.52E-08*	*3.57E-08*	---	---	---
nitroaniline 2-	*88-74-4*	*1.07E-04*	*2.88E-08*	*1.07E-04*	---	---	---
Nitroaniline 3-	*99-09-2*	*5.23E-03*	*3.04E-08*	*5.23E-03*	---	---	---
Nitroaniline 4-	*100-01-6*	*5.20E-03*	*3.04E-08*	*5.20E-03*	---	---	---

Aggregate Risk and Hazard Quotient Results

		Petitioned Waste Aggregate Non-carcinogenic Hazard			Petitioned Waste Aggregate Carcinogenic Risk		
Chemical Name	**CAS Number**	**Aggregate HI-Groundwater Pathways**	**Aggregate HI-Surface Pathways**	**Total Aggregate Hazard Index**	**Aggregate Risk-Groundwater Pathways**	**Aggregate Risk-Surface Pathways**	**Total Aggregate Risk**
Nitrobenzene	*98-95-3*	*8.01E-03*	*4.56E-08*	*8.01E-03*	---	---	---
Nitrophenol 2-	*88-75-5*	---	---	---	---	---	---
Dimethylbenz(a)anthracene, 7,12-	*57-97-6*	---	---	---	*4.85E-03*	*6.87E-09*	*4.85E-03*
Heptachlor	*76-44-8*	*1.90E-11*	*4.13E-06*	*4.13E-06*	*8.28E-15*	*3.71E-09*	*3.71E-09*
Nitroquinoline-1-oxide 4-	*56-57-5*	---	---	---	---	---	---
Dichloroethylene, trans-1,2-	156-60-5	1.05E-02	5.47E-08	1.05E-02	---	---	---
Methyl ethyl ketone	78-93-3	1.69E-02	3.59E-07	1.69E-02	---	---	---
Methyl isobutyl ketone	*108-10-1*	*2.32E-02*	*1.43E-07*	*2.32E-02*	---	---	---
Nickel	*7440-02-0*	*1.26E-03*	*1.62E-08*	*1.26E-03*	---	---	---
Aldrin	*309-00-2*	*1.38E+00*	*4.83E-03*	*1.39E+00*	*1.35E-04*	*9.85E-07*	*1.36E-04*
Hexachlorocyclohexane, alpha- (alpha-BHC)	*319-84-6*	---	---	---	*3.23E-11*	*4.63E-12*	*3.69E-11*
Hexachlorocyclohexane, beta- (beta-BHC)	*319-85-7*	---	---	---	*9.54E-07*	*1.32E-12*	*9.54E-07*
Chlorobenzilate	*510-15-6*	*2.23E-04*	*2.65E-07*	*2.23E-04*	*3.46E-07*	*5.70E-10*	*3.47E-07*
Bis(2-ethylhexyl)phthalate	117-81-7	5.41E-03	6.31E-09	5.41E-03	3.68E-07	2.82E-13	3.68E-07
Heptachlor epoxide	*1024-57-3*	*7.02E-07*	*6.98E-05*	*7.05E-05*	*2.10E-11*	*3.29E-09*	*3.31E-09*

Aggregate Risk and Hazard Quotient Results

		Petitioned Waste Aggregate Non-carcinogenic Hazard			Petitioned Waste Aggregate Carcinogenic Risk		
Chemical Name	**CAS Number**	**Aggregate HI-Groundwater Pathways**	**Aggregate HI-Surface Pathways**	**Total Aggregate Hazard Index**	**Aggregate Risk-Groundwater Pathways**	**Aggregate Risk-Surface Pathways**	**Total Aggregate Risk**
Naphthylamine	*91-59-8*	---	---	---	---	---	---
Acenaphthene	*83-32-9*	*2.58E-04*	*3.80E-10*	*2.58E-04*	---	---	---
Kepone	*143-50-0*	---	---	---	*7.18E-05*	*1.48E-08*	*7.18E-05*
Dibenzofuran	*132-64-9*	*1.30E-02*	*5.70E-09*	*1.30E-02*	---	---	---
Dichlorobenzene, 1,2-	*95-50-1*	*1.63E-04*	*2.70E-10*	*1.63E-04*	---	---	---
Vinyl acetate	*108-05-4*	*5.72E-03*	*1.14E-07*	*5.72E-03*	---	---	---
Vinyl chloride	75-01-4	5.84E-02	2.13E-06	5.84E-02	1.16E-04	1.08E-09	1.16E-04
Bis (2-Chloroethoxy) methane	*111-91-1*	---	---	---	---	---	---
DDD	*72-54-8*	---	---	---	*1.35E-06*	*1.26E-08*	*1.37E-06*
DDE	*72-55-9*	---	---	---	*5.54E-06*	*1.81E-08*	*5.56E-06*
DDT	*50-29-3*	*9.30E-02*	*1.39E-04*	*9.32E-02*	*3.01E-06*	*9.45E-09*	*3.02E-06*
Diallate	*2303-16-4*	---	---	---	*2.47E-10*	*2.23E-12*	*2.50E-10*
Xylenes (total)	1330-20-7	3.06E-04	8.21E-10	3.06E-04	---	---	---
Phenylenediamine, m-	*108-45-2*	*1.18E-03*	*7.60E-09*	*1.18E-03*	---	---	---
Tetrachlorophenol, 2,3,4,6-	*58-90-2*	*5.59E-03*	*7.13E-07*	*5.60E-03*	---	---	---

Aggregate Risk and Hazard Quotient Results

		Petitioned Waste Aggregate Non-carcinogenic Hazard			Petitioned Waste Aggregate Carcinogenic Risk		
Chemical Name	**CAS Number**	**Aggregate HI-Groundwater Pathways**	**Aggregate HI-Surface Pathways**	**Total Aggregate Hazard Index**	**Aggregate Risk-Groundwater Pathways**	**Aggregate Risk-Surface Pathways**	**Total Aggregate Risk**
Dichlorobenzene 1,3-	*541-73-1*	*6.00E-02*	*2.38E-08*	*6.00E-02*	---	---	---
Acenapthylene	*208-96-8*	---	---	---	---	---	---
Acetophenone	*98-86-2*	*7.75E-05*	*4.56E-10*	*7.75E-05*	---	---	---
Aniline	**62-53-4**	**8.39E-03**	**4.95E-08**	**8.39E-03**	**1.70E-07**	**3.32E-13**	**1.70E-07**
Selenium	*7782-49-2*	*2.30E-02*	*9.12E-08*	*2.30E-02*	---	---	---
Dieldrin	*60-57-1*	*9.09E-08*	*1.45E-04*	*1.45E-04*	*1.62E-11*	*4.65E-08*	*4.65E-08*
Endrin	*72-20-8*	*4.05E-07*	*7.34E-06*	*7.75E-06*	---	---	---
Hexachlorocyclohexane, gamma- (Lindane)	*58-89-9*	*5.12E-08*	*1.52E-08*	*6.64E-08*	*7.11E-12*	*9.54E-13*	*8.06E-12*
Trichlorophenoxypropionic acid, 2,4,5- (Silvex)	*93-72-1*	*7.25E-04*	*2.85E-09*	*7.25E-04*	---	---	---
Dichlorophenoxyacetic acid, 2,4- (2,4-D)	*94-75-7*	*4.56E-04*	*2.28E-09*	*4.56E-04*	---	---	---
Silver	*7440-22-4*	*1.82E-03*	*1.28E-08*	*1.82E-03*	---	---	---
Trichloroethylene	*79-01-6*	*1.48E-02*	*3.80E-08*	*1.48E-02*	*4.25E-07*	*1.28E-12*	*4.25E-07*
Trichlorofluoromethane	*75-69-4*	*8.27E-04*	*1.20E-07*	*8.27E-04*	---	---	---
Pentachlorobenzene	*608-93-5*	*7.40E-02*	*5.70E-05*	*7.41E-02*	---	---	---
Butyl-4,6-dinitrophenol, 2-sec- (Dinoseb)	*88-85-7*	*5.38E-03*	*2.28E-08*	*5.38E-03*	---	---	---

Aggregate Risk and Hazard Quotient Results

		Petitioned Waste Aggregate Non-carcinogenic Hazard			Petitioned Waste Aggregate Carcinogenic Risk		
Chemical Name	**CAS Number**	**Aggregate HI-Groundwater Pathways**	**Aggregate HI-Surface Pathways**	**Total Aggregate Hazard Index**	**Aggregate Risk-Groundwater Pathways**	**Aggregate Risk-Surface Pathways**	**Total Aggregate Risk**
Methylnapthalene 2-	*91-57-6*	---	---	---	---	---	---
Fluorene	*86-73-7*	*5.38E-04*	*3.41E-09*	*5.38E-04*	---	---	---
Hexachlorobenzene	*118-74-1*	*1.66E-01*	*8.36E-05*	*1.66E-01*	*4.34E-05*	*4.28E-08*	*4.34E-05*
Hexachloro-1,3-butadiene	*87-68-3*	*1.52E-01*	*3.68E-05*	*1.52E-01*	*6.78E-07*	*2.29E-10*	*6.78E-07*
Pentachloroethane	*76-01-7*	---	---	---	---	---	---
Pentachloronitrobenzene (PCNB)	*82-68-8*	*2.55E-02*	*8.30E-07*	*2.55E-02*	*6.61E-06*	*2.53E-10*	*6.61E-06*
Naphthalene	91-20-3	1.17E-02	5.40E-09	1.17E-02	---	---	---
Naphthaquinone 1,4-	*130-15-4*	---	---	---	---	---	---
Naphthylamine	*91-59-8*	---	---	---	---	---	---
Methylene bromide	*74-95-3*	*3.75E-03*	*2.28E-08*	*3.75E-03*	---	---	---
Tetrachloroethylene	*127-18-4*	*5.01E-03*	*2.28E-08*	*5.01E-03*	*1.12E-06*	*1.96E-12*	*1.12E-06*
Butylbenzylphthalate	*85-68-7*	*1.03E-04*	*1.52E-08*	*1.03E-04*	---	---	---
Chlordane	*57-74-9*	*4.66E-02*	*1.52E-04*	*4.68E-02*	*1.59E-06*	*1.07E-08*	*1.60E-06*
Thallium	*7440-28-0*	*3.78E-01*	*5.70E-06*	*3.78E-01*	---	---	---
Dichlorobenzene, 1,4-	*106-46-7*	*1.59E-05*	*3.69E-12*	*1.59E-05*	*1.19E-07*	*9.37E-14*	*1.19E-07*

Aggregate Risk and Hazard Quotient Results

		Petitioned Waste Aggregate Non-carcinogenic Hazard			Petitioned Waste Aggregate Carcinogenic Risk		
Chemical Name	**CAS Number**	**Aggregate HI-Groundwater Pathways**	**Aggregate HI-Surface Pathways**	**Total Aggregate Hazard Index**	**Aggregate Risk-Groundwater Pathways**	**Aggregate Risk-Surface Pathways**	**Total Aggregate Risk**
Dichlorobenzidine, 3,3'-	*91-94-1*	---	---	---	*4.52E-06*	*6.61E-12*	*4.52E-06*
Dichlorophenol, 2,4-	*120-83-2*	*2.15E-03*	*7.60E-09*	*2.15E-03*	---	---	---
Toluene	108-88-3	1.39E-02	5.02E-08	1.39E-02	---	---	---
Acetone	*67-64-1*	*1.77E-02*	*1.14E-07*	*1.77E-02*	---	---	---
Anthracene	*120-12-7*	*1.12E-04*	*1.11E-08*	*1.12E-04*	---	---	---
Aramite	*140-57-8*	*1.54E-06*	*4.64E-09*	*1.54E-06*	*4.10E-10*	*9.18E-13*	*4.11E-10*
Benz(a)anthracene	*56-55-3*	---	---	---	*2.05E-05*	*1.57E-09*	*2.05E-05*
Chloro-3-methylphenol 4-	*59-50-7*	---	---	---	---	---	---
Trichloropropane, 1,2,3-	*96-18-4*	*5.97E-03*	*3.80E-08*	*5.97E-03*	*1.91E-04*	*3.13E-10*	*1.91E-04*
Acetonitrile	*75-05-8*	*4.41E-04*	*3.91E-08*	*4.41E-04*	---	---	---
Acrolein	*107-02-8*	*1.43E-04*	*9.79E-04*	*1.12E-03*	---	---	---
Acrylonitrile	*107-13-1*	*6.14E-02*	*1.04E-06*	*6.14E-02*	*1.21E-05*	*7.80E-11*	*1.21E-05*
Dichlorophenol 2,6-	*87-65-0*	---	---	---	---	---	---
Diethyl phthalate	84-66-2	2.98E-05	2.72E-08	2.99E-05	---	---	---
Benzo(a)pyrene	*50-32-8*	---	---	---	*3.24E-04*	*2.05E-09*	*3.24E-04*

Aggregate Risk and Hazard Quotient Results

		Petitioned Waste Aggregate Non-carcinogenic Hazard			Petitioned Waste Aggregate Carcinogenic Risk		
Chemical Name	**CAS Number**	**Aggregate HI-Groundwater Pathways**	**Aggregate HI-Surface Pathways**	**Total Aggregate Hazard Index**	**Aggregate Risk-Groundwater Pathways**	**Aggregate Risk-Surface Pathways**	**Total Aggregate Risk**
Benzo(b)fluoranthene	*205-99-2*	---	---	---	*3.56E-05*	*2.19E-10*	*3.56E-05*
Allyl chloride	*107-05-1*	---	*1.06E-03*	*1.06E-03*	---	---	---
Nitrosodimethylamine	*62-75-9*	---	---	---	*9.76E-05*	*2.44E-10*	*9.76E-05*
Isophorone	*78-59-1*	*2.04E-05*	*1.14E-10*	*2.04E-05*	*1.93E-09*	*3.59E-15*	*1.93E-09*
Methyl parathion	*298-00-0*	*3.29E-05*	*3.65E-07*	*3.33E-05*	---	---	---
Methylcholanthrene, 3-	*56-49-5*	---	---	---	*1.71E-02*	*9.19E-05*	*1.72E-02*
Dichloroethane, 1,2-	*107-06-2*	---	---	---	*6.32E-05*	*2.26E-11*	*6.32E-05*
Tetrachloroethane, 1,1,2,2-	*79-34-5*	*3.73E-05*	*9.41E-07*	*3.82E-05*	*3.34E-07*	*4.51E-09*	*3.38E-07*
Methoxychlor	*72-43-5*	*3.72E-09*	*1.54E-07*	*1.58E-07*	---	---	---
Hexachlorocyclopentadiene	*77-47-4*	*1.02E-06*	*1.38E-07*	*1.15E-06*	---	---	---
N-Nitrosodiphenylamine	86-30-6	---	---	---	9.95E-08	1.52E-13	9.95E-08
N-Nitrosomethylethylamine	*10595-95-6*	---	---	---	*4.21E-05*	*9.37E-11*	*4.21E-05*
Nitrosomorpholine N-	*59-89-2*	---	---	---	---	---	---
Trichlorophenoxyacetic acid, 2,4,5-(245-T)	*93-76-5*	*5.77E-04*	*2.28E-09*	*5.77E-04*	---	---	---
Dichlorodifluoromethane	*75-71-8*	*8.65E-04*	*5.45E-07*	*8.66E-04*	---	---	---

Aggregate Risk and Hazard Quotient Results

		Petitioned Waste Aggregate Non-carcinogenic Hazard			Petitioned Waste Aggregate Carcinogenic Risk		
Chemical Name	**CAS Number**	**Aggregate HI-Groundwater Pathways**	**Aggregate HI-Surface Pathways**	**Total Aggregate Hazard Index**	**Aggregate Risk-Groundwater Pathways**	**Aggregate Risk-Surface Pathways**	**Total Aggregate Risk**
Dichloropropene, trans-1,3-	*10061-02-6*	---	---	---	*3.82E-13*	*1.90E-11*	*1.94E-11*
Trichloroethane, 1,1,1-	*71-55-6*	*2.51E-03*	*1.73E-08*	*2.51E-03*	---	---	---
Endosulfan	*115-29-7*	*2.10E-04*	*7.60E-10*	*2.10E-04*	---	---	---
Dinitrotoluene, 2,6-	*606-20-2*	*3.85E-03*	*2.28E-08*	*3.85E-03*	*1.27E-06*	*2.50E-12*	*1.27E-06*
Dinitrotoluene, 2,4-	*121-14-2*	*1.97E-03*	*1.14E-08*	*1.97E-03*	*1.28E-06*	*2.50E-12*	*1.28E-06*
Diphenylamine	*122-39-4*	*7.06E-04*	*1.82E-09*	*7.06E-04*	---	---	---
Disulfoton	*298-04-4*	*1.36E-05*	*2.28E-06*	*1.58E-05*	---	---	---
Dibromo-3-chloropropane, 1,2-	*96-12-8*	*2.84E-01*	*1.09E-07*	*2.84E-01*	*2.40E-05*	*4.84E-11*	*2.40E-05*
Hexachloropropene	*1888-71-7*	---	---	---	---	---	---
Dimethylbenzidine, 3,3'-	*119-93-7*	---	---	---	*1.94E-04*	*3.38E-10*	*1.94E-04*
Dimethylphenol, 2,4-	105-67-9	3.19E-03	1.55E-08	3.19E-03	---	---	---
Indeno(1,2,3-cd) pyrene	*193-39-5*	---	---	---	*6.22E-05*	*1.06E-09*	*6.22E-05*
Methacrylonitrile	*126-98-7*	*4.61E+00*	*3.53E-05*	*4.61E+00*	---	---	---
Pentachlorophenol	*87-86-5*	*5.92E-03*	*7.16E-08*	*5.92E-03*	*4.56E-06*	*1.00E-10*	*4.56E-06*
Ethyl methacrylate	*97-63-2*	*2.15E-04*	*2.53E-09*	*2.15E-04*	---	---	---

Aggregate Risk and Hazard Quotient Results

		Petitioned Waste Aggregate Non-carcinogenic Hazard			Petitioned Waste Aggregate Carcinogenic Risk		
Chemical Name	**CAS Number**	**Aggregate HI-Groundwater Pathways**	**Aggregate HI-Surface Pathways**	**Total Aggregate Hazard Index**	**Aggregate Risk-Groundwater Pathways**	**Aggregate Risk-Surface Pathways**	**Total Aggregate Risk**
Zinc	*7440-66-6*	*2.57E-03*	*2.19E-08*	*2.57E-03*	---	---	---
Arsenic	*7440-38-2*	*2.31E-01*	*1.52E-06*	*2.31E-01*	*5.34E-05*	*1.69E-10*	*5.34E-05*
Barium	*7440-39-3*	*7.11E-03*	*6.59E-07*	*7.11E-03*	---	---	---
Beryllium	*7440-41-8*	*6.40E-04*	*1.65E-07*	*6.40E-04*	---	*3.66E-12*	*3.66E-12*
Mercury	*7439-97-6*	*2.42E-03*	*2.41E-04*	*2.67E-03*	---	---	---
Benzyl alcohol	*100-51-6*	*1.23E-04*	*7.60E-10*	*1.23E-04*	---	---	---
Phenacetin	*62-44-2*	---	---	---	---	---	---
Pronamide	*23950-58-5*	*1.74E-04*	*6.08E-10*	*1.74E-04*	---	---	---
Pyrene	*129-00-0*	*2.14E-03*	*4.86E-07*	*2.14E-03*	---	---	---
Cadmium	*7440-43-9*	*8.88E-03*	*9.12E-08*	*8.88E-03*	---	*2.74E-12*	*2.74E-12*
Dinitromethylphenol, 4,6-,2-	*534-52-1*	*1.68E-01*	*9.12E-07*	*1.68E-01*	---	---	---
Dinitrobenzene, 1,3-	*99-65-0*	*3.72E-02*	*2.28E-07*	*3.72E-02*	---	---	---
Ethyl methanesulfonate	*62-50-0*	---	---	---	*6.04E-15*	*2.21E-09*	*2.21E-09*
Fluoranthene	*206-44-0*	*1.64E-03*	*3.52E-09*	*1.64E-03*	---	---	---
Pyridine	*110-86-1*	*7.22E-03*	*4.56E-08*	*7.22E-03*	---	---	---

Aggregate Risk and Hazard Quotient Results

		Petitioned Waste Aggregate Non-carcinogenic Hazard			Petitioned Waste Aggregate Carcinogenic Risk		
Chemical Name	**CAS Number**	**Aggregate HI-Groundwater Pathways**	**Aggregate HI-Surface Pathways**	**Total Aggregate Hazard Index**	**Aggregate Risk-Groundwater Pathways**	**Aggregate Risk-Surface Pathways**	**Total Aggregate Risk**
All Waste Constituents Excluding Non-detect Risk	---	**2.07E-01**	**3.76E-06**	**2.07E-01**	**2.26E-04**	**3.80E-09**	**2.26E-04**
All Waste Constituents Including Non-detect Risk	---	**5.14E+04**	**4.21E-01**	**5.14E+04**	**2.47E-02**	**9.31E-05**	**2.48E-02**