SAMPLE FOR TRAINING PURPOSES ONLY

LAND DISPOSAL RESTRICTION NOTIFICATION

GENERATOR: CA00000

PROFILE NUMBER: HR11(b) Cyanide Bearing Wastewater < 1% Total Suspended Solids

Check the applicable waste category below and complete the table:

1. [ ]F001-F005 spent solvents *(Attachment 1 must be filled out)*
2. [ ]California list wastes listed in CCR Title 22 §66268.32 *(Attachment 1 must be filled out)*
3. [X]**D001-D043 wastes** *(Attachment 2 must be filled out)*
4. [ ]Non-RCRA wastes *(Attachment 3 must be filled out)*
5. [ ]Hazardous debris subject to alternative treatment standards *(Attachment 3 must be filled out)*
6. [X]**Other wastes as listed in table below**

Hazardous Waste Number *(EPA or California)*	Waste Subcategory, if applicable*	Treatability Group (wastewater or non wastewater)**	Treatment standard reference *§66268.40 and meet §66268.48*
D002	N/A	WW	DEACT and meet §66268.48
D003	Reactive Cyanides	WW	0.86mg/l amenable cyanides
D006	N/A	WW	0.69 mg/l
D007	N/A	WW	2.77 mg/l
D008	N/A	WW	0.69 mg/l
D011	N/A	WW	0.43 mg/l
F007 F008	N/A	WW	2.77 mg/l chromium 1.2 mg/l total cyanides 0.86 mg/l amenable cyanides 0.69 mg/l lead 3.98 mg/l nickel

List of Technology Based Treatment Standard Codes (40 CFR §268.42)

ADGAS: venting of compressed gas
AMLGM:amalgamation of liquid
BIODG:biodegradation
CARBN:carbon adsorption
CHOXD:chemical oxidation
CHRED:chemical reduction
CMBST:combustion
DEACT:deactivation
FSUBS:fuel substitution
IMERC:incineration of mercury waste
INCIN:incineration
LLEXT:liquid extraction
MACRO:macroencapsulation
NEUR:neutralization
NLDBR:no land disposal based on recycling
POLYM:no land disposal based on recycling
PRECP:chemical precipitation
RBERY:thermal recovery of beryllium
RCGAS:recovery/reuse of compressed gas
RCORR:recovery of acids or bases
RLEAD:thermal recovery of lead
RMERC:recovery of mercury
RMETL:recovery of metals or inorganics
RORGS:recovery of organics
RTHRM:thermal recovery
RZINC:resmelting recovery of zinc
STABL:stabilization
SSTRP:steam strippingn
WETOX:wet air oxidation
WTRRX:controlled reaction

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D001 - D043 wastes

Check applicable category below.

1. [ ] D001
2. [X] D002
3. [X] D003
4. [X] D004-D011 Specify Code(s): D006,D007,D008,D011
5. [ ] D012-D043 Specify Code(s):

A. [ ] No listed constituents above treatment standards.

§268.48 TABLE UTS – UNIVERSAL TREATMENT STANDARDS for underlying hazardous constituents.

Constituent	WW (mg/l)	NWW (mg/kg)	Constituent	WW (mg/l)	NWW (mg/kg)
[ ]Acenapthylene	0.059	3.4	[ ]3-Chloropropylene	0.036	30
[ ]Acenapthene	0.059	3.4	[ ]Chrysene	0.059	3.4
[ ]Acetone	0.28	160	[ ]0-Cresol	0.11	5.6
[ ]Acetonitrile	5.6	38	[ ]m-Cresol	0.77	5.6
[ ]Acetophenone	0.010	9.7	[ ]p-Cresol	0.77	5.6
[ ]2-Acetylaminofluorene	0.059	140	[ ]Cyclohexanone	0.36	0.75*
[ ]Acrolein	0.29	NA	[ ]1,2-Dibromo-3-chloropropane	0.11	15
[ ]Acrylamide	19	23	[ ]1,2-Dibromomethane(Ethylene dibromide)	0.028	15
[ ]Acrylonitrile	0.24	84	[ ]Dibromomethane	0.11	15
[ ]Aldrin	0.021	0.066	[ ]2,4-D(2,4-Dichlorophenoxyacetic acid)	0.72	10
[ ]4-Aminobiphenyl	0.13	NA	[ ]o,p'-DDD	0.023	0.087
[ ]Aniline	0.81	14	[ ]p,p'-DDD	0.023	0.087
[ ]Anthracene	0.059	3.4	[ ]o,p'-DDE	0.031	0.087
[ ]Aramite	0.36	NA	[ ]p,p'-DDE	0.031	0.087
[ ]alpha-BHC	0.00014	0.066	[ ]o,p'-DDT	0.0039	0.087
[ ]beta-BHC	0.00014	0.066	[ ]p,p'-DDT	0.0039	0.087
[ ]delta-BHC	0.023	0.066	[ ]Dibenz(a,h)anthracene	0.055	8.2
[ ]gama-BHC	0.0017	0.066	[ ]Dibenz(a,c)pyrene	0.061	NA
[ ]Benzene	0.14	10	[ ]m-Dichlorobenzene	0.036	6.0
[ ]Benz(a)anthracene	0.059	3.4	[ ]o-Dichlorobenzene	0.088	6.0
[ ]Benzal chloride	0.055	6.0	[ ]p-Dichlorobenzene	0.090	6.0
[ ]Benzo(b)fluoranthene	0.11	6.8	[ ]Dichlorodifluoromethane	0.23	7.2
[ ]Benzo(k)fluoranthene	0.11	6.8	[ ]1,1-Dichloroethane	0.059	6.0
[ ]Benzo(g,h,I)perylene	0.0055	1.8	[ ]1,2-Dichloroethane	0.21	6.0
[ ]Benzo(a)pyrene	0.061	3.4	[ ]1,1-Dichloroethylene	0.025	6.0
[ ]Bromodichloromethane	0.35	15	[ ]trans-1,2-Dichloroethylene	0.054	30
[ ]Bromomethane (methyl bromide)	0.11	15	[ ]2,4-Dichlorophenol	0.044	14
[ ]4-Bromophenyl phenyl ether	0.055	15	[ ]2,6-Dichlorophenol	0.044	14
[ ]n-Butanol(n-Butyl alcohol)	5.6	2.6	[ ]1,2-Dichloropropane	0.85	18
[ ]Butyl benzyl phthalate	0.017	28	[ ]cis-1,3-Dichloropropylene	0.036	18
[ ]2-sec-Butyl-4,6-dinitrophenol	0.066	2.5	[ ]trans-1,3-Dichloropropylene	0.036	18
[ ]Carbon disulfide	3.8	4.8*	[ ]Dieldrin	0.017	0.13
[ ]Carbon tetrachloride	0.057	6.0	[ ]Diethyl phthlate	0.20	28
[ ]Chlordane(alpha & gamma isomers)	0.0033	0.26	[ ]2,4-Dimethyl phenol	0.036	14
[ ]p-Chloroaniline	0.46	16	[ ]Dimethyl phthalate	0.047	28
[ ]Chlorobenzene	0.057	6.0	[ ]Di-n-butyl phthalate	0.057	28
[ ]Chlorobenzilate	0.10	NA	[ ]1,4-Dinitrobenzene	0.32	2.3
[ ]2-Chloro-1,3-butadiene	0.057	0.28	[ ]4,6-Dinitro-o-cresol	0.28	160
[ ]Chlorodibromomethane	0.057	15	[ ]2,4-Dinitrophenol	0.12	160
[ ]Chloroethane	0.27	6.0	[ ]2,4-Dinitrotoluene	0.32	140
[ ]bis-(2-Chloroethoxy)methane	0.036	7.2	[ ]2,6-Dinitrotoluene	0.55	28
[ ]bis-(2-Chloroethyl)ether	0.033	6.0	[ ]Di-n-octyl phthalate	0.017	28
[ ]Chloroform	0.046	6.0	[ ]p-Dimethylaminoazobenzene	0.13	NA
[ ]bis-(2-Chloroisopropyl)ether	0.055	7.2	[ ]Di-n-propylnitrosamine	0.40	14
[ ]p-Chloro-m-cresol	0.018	14	[ ]1,4-Dioxane	12.0	170
[ ]2-Chloroethyl vinyl ether	0.062	NA	[ ]Diphenylamine	0.92	13
[ ]Chloromethane(methyl chloride)	0.19	30	[ ]Diphenylnitrosamine	0.92	13
[ ]2-Chloronaphthalene	0.055	5.6	[ ]1,2-Diphenylhydrazine	0.087	NA
[ ]2-Chlorophenol	0.044	5.7	[ ]Disulfoton	0.017	6.2
			[ ]Endosulfan I	0.023	0.066
			[ ]Endosulfan II	0.029	0.13
			[ ]Endosulfan sulfate	0.029	0.13

*this is expressed in mg/l and measured through TCLP

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§268.48 TABLE UTS – UNIVERSAL TREATMENT STANDARDS for underlying hazardous constituents

Constituent	WW (mg/l)	NWW (mg/kg)
[ ]Endrin	0.0028	0.13
[ ]Endrin aldehyde	0.025	0.13
[ ]Ethyl acetate	0.34	33
[ ]Ethyl cyanide(Propanenitrile)	0.24	360
[ ]Ethyl benzene	0.057	10
[ ]Ethyl ether	0.12	160
[ ]bis(2-Ethylhexyl)phthalate	0.28	28
[ ]Ethyl methacrylate	0.14	160
[ ]Ethylene oxide	0.12	NA
[ ]Famphur	0.017	15
[ ]Fluoranthene	0.068	3.4
[ ]Fluorene	0.059	3.4
[ ]Heptachlor	0.0012	0.066
[ ]Heptachlor epoxide	0.016	0.066
[ ]Hexachlorobenzene	0.055	10
[ ]Hexachlorobutadiene	0.055	5.6
[ ]Hexachlorocyclopentadiene	0.057	2.4
[ ]HxCDDs(all Hexachloro-dibenzo-p-dioxins)	0.000063	0.001
[ ]HxCDFs(all Hexachloro-dibenzofurans)	0.000063	0.001
[ ]Hexachloroethane	0.055	30
[ ]Hexachloropropylene	0.035	30
[ ]Indeno(1,2,3-c,d)pyrene	0.0055	3.4
[ ]Iodomethane	0.19	65
[ ]Isobutyl alcohol	5.6	170
[ ]Isodrin	0.021	0.066
[ ]Isosafrole	0.081	2.6
[ ]Kepone	0.0011	0.13
[ ]Methacrylonitrile	0.24	84
[ ]Methanol	5.6	0.75*
[ ]Methapyrilene	0.084	1.5
[ ]Methoxychlor	0.25	0.18
[ ]3-Methylcholanthrene	0.055	15
[ ]4,4-Methylene bis(2-chloroaniline)	0.50	30
[ ]Methylene chloride	0.089	30
[ ]Methyl ethyl ketone	0.28	36
[ ]Methyl isobutyl ketone	0.14	33
[ ]Methyl methacrylate	0.14	160
[ ]Methyl methansulfonate	0.018	NA
[ ]Methyl parathion	0.014	4.6
[ ]Naphthalene	0.059	5.6
[ ]2-Napthylamine	0.52	NA
[ ]o-Nitroaniline	0.27	14
[ ]p-Nitroaniline	0.028	28
[ ]Nitrobenzene	0.068	14
[ ]5-Nitro-o-toluidine	0.32	28
[ ]o-Nitrophenol	0.028	13
[ ]p-Nitrophenol	0.12	29
[ ]N-Nitrosodiethylamine	0.40	28
[ ]N-Nitroso-di-n-butylamine	0.40	17
[ ]N-Nitrosomethylethylamine	0.40	2.3
[ ]N-Nitrosomorpholine	0.40	2.3
[ ]N-Nitrosopiperidine	0.013	35
[ ]N-Nitrosopyrroolidine	0.013	35
[ ]Parathion	0.014	4.6
[ ]Total PCBs(sum of all PCB isomers, or Aroclors)	0.10	10
[ ]Pentachlorobenzene	0.055	10
[ ]PeCdds(all Pentachloro-dibenzo-p-dioxins)	0.000063	0.001
[ ]PeCDFs(all Pentachloro-dibenzofurans)	0.000035	0.001

Constituent	WW (mg/l)	NWW (mg/kg)
[ ]Pentachloroethane	0.055	6.0
[ ]Pentachloronitrobenzene	0.055	4.8
[ ]Pentachlorophenol	0.089	7.4
[ ]Phenacetin	0.081	16
[ ]Phenanthrene	0.059	5.6
[ ]Phenol	0.039	6.2
[ ]Phorate	0.021	4.6
[ ]Phthalic acid	0.055	28
[ ]Phthalic anhydride	0.055	28
[ ]Pronamide	0.093	1.5
[ ]Pyrene	0.067	8.2
[ ]Pyridine	0.014	16
[ ]Safrole	0.081	22
[ ]Silvex(2,4,5-TP)	0.72	7.9
[ ]1,2,4,5-Tetrachlorobenzene	0.055	14
[ ]TCDDs(all Tetrachlorodibenzo-p-dioxins)	0.000063	0.001
[ ]TCDFs(all Tetrachlorodibenzofurans)	0.000063	0.001
[ ]1,1,1,2-Tetrachloroethane	0.057	6.0
[ ]1,1,2,2-Tetrachloroethane	0.057	6.0
[ ]Tetrachloroethylene	0.056	6.0
[ ]2,3,4,6-Tetrachlorophenol	0.030	7.4
[ ]Toluene	0.080	10
[ ]Toxaphene	0.0095	2.6
[ ]Tribromomethane(Bromoform)	0.63	15
[ ]2,4,6-Tribromophenol	0.035	7.4
[ ]1,2,4-Trichlorobenzene	0.055	19
[ ]1,1,1-Trichloroethane	0.054	6.0
[ ]1,1,2-Trichloroethane	0.054	6.0
[ ]Trichloroethylene	0.054	6.0
[ ]Trichlorofluoromethane	0.020	30
[ ]2,4,5-Trichlorophenol	0.18	7.4
[ ]2,4,6-Trichlorophenol	0.035	7.4
[ ]2,4,5-Trichlorophenoxyacetic acid(2,4,5-T)	0.72	7.9
[ ]1,2,3-Trichloropropane	0.85	30
[ ]1,1,2-Trichloro-1,2,2-trifluoroethane	0.057	30
[ ]tris-(2,3-Dibromopropyl)phosphate	0.11	0.10
[ ]Vinyl chloride	0.27	6.0
[ ]Xylenes-mixed isomers(sum of o-,m-,and p-xylene concentrations)	0.32	30*
[X]Antimony	**1.9**	**1.5***
[ ]Arsenic	1.4	5.0*
[X]Barium	**1.2**	**21***
[ ]Beryllium	0.82	1.22*
[ ]Cadmium	0.69	0.11*
[ ]Chromium (Total)	2.77	0.60*
[ ]Cyanides (Total)	1.2	590
[ ]Cyanides (Amenable)	0.86	30
[ ]Fluoride	35	NA
[ ]Lead	0.69	0.75*
[ ]Mercury - nonwastewater from retort	NA	0.20*
[ ]Mercury – all others	0.15	0.025*
[X]Nickel	**3.98**	**11***
[ ]Selenium	0.82	5.7*
[ ]Silver	0.43	0.14
[ ]Sulfide	14	NA
[X]Thallium	**1.4**	**0.078***
[ ]Vanadium	4.3	1.6*
[X]Zinc	**2.61**	**4.3***

*this is expressed in mg/l and measured through TCLP